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DEPARTMENT OF AGRICULTURE



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INTRODUCTION

Agricultural Statistics brings together each year the more important series of statistics compiled in the Department of Agriculture or in other departments whose work concerns agriculture. Although far more information is available than can be included in a single volume, the tables selected give a wide variety of facts in forms suited to most common uses. Inquiries concerning more detailed data or the statistical methodology used should be addressed directly to the agencies to whom tables in this volume are credited. These agencies can also answer questions about past and prospective revisions in published data.

Historical series have again been generally limited to data beginning with 1929 or 1930, or to the most recent 10 years. Agricultural Statistics for 1942 is still the most complete reference for earlier data. In building up series from earlier volumes, however, it should be remembered that statistics most recently published supersede those published previously.

The table of contents indicates the general lay-out of the book, and page headings indicate the subdivisions within each chapter.

FARM VALUE

"Farm value," as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, however, quantities not harvested because of low prices or other economic factors are excluded from the computation of farm value. The term is used in the inventory tables on livestock to mean the number of head on hand, evaluated at the estimated value per head as of January 1.

The word "year" (alone) in a column heading means "calendar year." When the word "Yearbook" appears alone, it refers to the Yearbook of Agriculture, published annually by the Department of Agriculture. Through 1935, approximately one-half of each Yearbook carried the kind of material that is now published separately in Agricultural Statistics.

DEPARTMENT ESTIMATES AND CENSUS FIGURES

Estimates of the Department of Agriculture are made primarily to give timely current State and national totals and averages. They are based on "benchmark" data supplied by the quinquennial census of agriculture and on sample data supplied by farmers and by people who do business with farmers, together with check data from other sources. Being estimates, they are subject to revisions as more data become available from commercial or Government sources.

Census data are the results of the most nearly complete enumeration or actual count that can be made, and are used for many other purposes than determining State and national totals and averages.

For example, each census provides much detailed information about counties and minor civil divisions. It also provides data that can be organized into many frequency distributions and cross-classifications for large and small portions of the country.

The definition of a census precludes revising census data to bring them in line with other indications, even though in practice it is difficult to obtain a complete enumeration. Any effort to make such revisions would produce estimates.

For census years, many tables carry both census figures and this Department's estimates.

Generally, where there are appreciable differences between census figures and this Department's final estimates, the process of checking and revising estimates has indicated that some sources provide more nearly complete information about some items than the census has been able to obtain. For example, this Department's estimates of tobacco production can be considered more precise than census figures, because the estimates are revised in line with actual production as shown independently by Internal Revenue records and State records of tobacco sales. Sugar-beet and sugarcane production and acreage estimates are adjusted to the quantities actually reported by sugar factories. Check information on peanuts is available from processors for areas sometimes including several States. Another illustration may be found in the introduction to the chapter on livestock statistics in the 1947 Agricultural Statistics.

Additional information about the relation between census data and the Department of Agriculture's estimates can be obtained from the Bureau of Agricultural Economics, U. S. Department of Agriculture, Washington 25, D. C.

WEIGHTS, MEASURES, AND CONVERSION FACTORS

"Ton" when used in this book without qualification means a short ton of 2,000 pounds.

The subjoined table of weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked in the Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The figures were assembled from various sources within the Department and from State schedules of legal weights. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume, due to differences in variety or size of the commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort was made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point-of-origin weight or weight at harvest was used.

The approximate or average weights, as given in this table, do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weights. The table was prepared chiefly for use of workers in the Department of Agriculture who have need of conversion factors in statistical computations. The figures are subject to revision.

WEIGHTS, MEASURES, AND CONVERSION FACTORS

[See explanatory text just preceding this table]

WEIGHTS AND MEASURES

Commodity	Unit ¹	Approximate net weight	Commodity	Unit ¹	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Alfalfa seed	Bushel	60	Grain sorghums	Bushel	56 and 50
Apples	do	48	Grapefruit:		
	Box ²	44	Florida and Texas	Box ¹⁷	80
	Barrel	140	California	do ¹⁸	19 68
Apricots	Bushel	48	Grapes	Bushel	48
Western	Crate ³	22	Eastern	12-quart basket	18
Artichokes:				Lug box ²⁰	28
Globe	Box ⁴	40		4-basket crate ²¹	20
Jerusalem	Bushel	50	Western	Keg (2,642 cubic inches)	22 32
Asparagus	Crate	30		Box, sawdust pack ²³	34
Avocados:			Hempseed	Bushel	44
California	Box ⁵	13	Hickory nuts	do	50
Florida	do ⁶	12-15	Honey	Gallon	11.75
Bananas	Bunch, 8-9 hands	45-65	Honey Ball melons	Crate	70
Barley	Bushel	48	Honey Dew melons	do	35
Beans:			Hops	Bale, gross	200
Lima, dry	do	56	Horseradish roots	Bushel	35
Others, dry	do	60		Barrel	100
Lima, unshelled	Sack	100	Hungarian millet seed.	Bushel	48 and 50
Snap	Bushel	32	Kafir	do	56 and 50
Beets:			Kale	do	18
Without tops	do	52	Kapok seed	do	35-40
Bunched	Western crate ⁷	70	Lard	Tierce	375
Berries, frozen pack:			Lemons, California	Box ²⁴	19 79
Without sugar	50-gallon barrel	380	Lentils	Bushel	60
3+1 pack	do	425	Lettuce	Western crate ⁷	70
2+1 pack	do	450	Limes	Box ¹⁷	80
Blackberries	24-quart crate	36	Linseed oil	Gallon	9 7.7
Bluegrass seed	Bushel	14-30	Malt	Bushel	34
Broomcorn (6 bales per ton)	Bale	333	Maple sirup	Gallon	11
Broomcorn seed	Bushel	44-50	Meadow fescue seed	Bushel	24
Buckwheat	do	48-52	Milk	Gallon	8.6
Butter	Tub	63	Millet	Bushel	48-50
	1½-bushel hamper	45-50	Molasses	Gallon	12
Cabbage	Western crate ⁷	80	Mustard seed	Bushel	58-60
Cantaloup	Jumbo crate ⁸	70	Oats	do	32
Carrots:			Olives	Lug box ²⁰	25-30
Without tops	Bushel	50	Olive oil	Gallon	9 7.6
Bunched	Western crate ⁷	75		Sack	100
Castor-beans	Bushel	46	Onions, dry	do	50
Castor oil	Gallon	9 8		Bushel, late	57
Cauliflower	1½-bushel crate	37		Bushel, early	50
Celery	¾ crate ¹⁰	90	Onions, green bunched.	Crate ⁷	50-55
	½ crate	65	Onion sets	Bushel	28-32
Cherries:			Oranges:		
With stems	Bushel	56	Florida and Texas	Box ¹⁷	90
Without stems	do	64	California	do ¹⁸	19 77
Clover seed	Flat box ¹¹	15	Orchard grass seed	Bushel	14
Corn:	Bushel	60	Palm oil	Gallon	9 7.5
Ear, husked	do	12 70	Parsnips	Bushel	50
Shelled	do	56		do	48
Green, sweet	do	35	Peaches	Lug box ²⁰	20
Meal	do	50	Peanut oil	Gallon	9 7.7
Oil	Gallon	9 7.7	Peanuts, unshelled:		
Sirup	do	11.75	Virginia type	Bushel	22
	Bale, gross	500	Runners, south-eastern	do	28
Cotton	Bale, net	13 480	Spanish	do	30
Cottonseed	Bushel	14 32	Pears, California	do	48
Cottonseed oil	Gallon	9 7.7	Other	do	50
Cowpeas	Bushel	60	Western	Box ²⁵	46
Cranberries	Barrel	100	Peas:		
	¼-barrel box ¹⁵	25	Green, unshelled	Bushel	30
Cream, 40-percent butterfat	Gallon	8.39	Dry	do	60
Cucumbers	Bushel	48	Peppers	do	25
Dewberries	24-quart crate	36	Perilla seed	do	37-40
Eggplant	Bushel	33	Pineapples	Crate ²⁶	70
Eggs, average size	Case, 30 dozen	45		Bushel	58
Escarole	Bushel hamper	25	Plums and prunes...	Crate ³	20
Figs, fresh	Box, single layer ¹⁶	6		Suitcase lug ²⁷	16
Flaxseed	Bushel	56	Popcorn:		
Flour, various	Barrel	196	On ear	Bushel	12 70
			Shelled	Bushel	56

WEIGHTS AND MEASURES—(Continued)

Commodity	Unit ¹	Approximate net weight	Commodity	Unit ¹	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Poppy seed	Bushel	46	Tangerines, Florida	½ strap ²⁰	40
Potatoes	Bushel	60		Box ²⁰	45
	Barrel	165	Timothy seed	Bushel	45
Quinces	Bushel	48	Tobacco:		
Rapeseed	Bushel	50 and 60	Maryland	Hogshead	600-800
Raspberries	24-quart crate	36	Flue-cured	Hogshead	900-1,100
Redtop seed	Bushel	14-40	Burley	Hogshead	1,000-1,200
Refiner's sirup	Gallon	11.72	Dark air-cured	Hogshead	1,000-1,250
Rice:			Virginia fire-cured	Hogshead	1,050-1,350
	Bushel	45	Kentucky and Tennessee fire-cured	Hogshead	1,350-1,650
Rough	Bag	100			
	Barrel	162	Cigar leaf	Case	250-365
Milled	Pocket or bag	100		Bale	150-175
Rosin	Drum, net	520	Tomatoes	Bushel	53
Rutabagas	Bushel	56		Lug box ²⁰	32
Rye	Bushel	56	Turnips:		
Sesame seed	Bushel	46	Without tops	Bushel	54
Shallots	Bushel	25	Bunched	Crate ⁷	60-80
Sorgo:			Turpentine	Gallon	7.23
Seed	Bushel	50	Velvet beans (hulled)	Bushel	60
Sirup	Gallon	11.55	Vetch	Bushel	60
Soybeans	Bushel	60	Walnuts	Bushel	50
Soybean oil	Gallon	7.7	Water, 60°F	Gallon	8.33
Spelt	Bushel	40	Watermelons	Melon of average or medium size.	25
Spinach	Bushel	18	Wheat	Bushel	60
Strawberries	24-quart crate	36	Various commodities.	Short ton	2,000
Sudan grass seed	Bushel	40		Long ton	2,240
Sugarcane sirup	Gallon	11.35			
Sunflower seed	Bushel	24 and 32			
Sweetpotatoes	Bushel	28 55			

¹ Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweet-potatoes, peaches, green beans, green peas, spinach, etc.

- ² Approximate inside dimensions, 10½ by 11½ by 13 inches.
- ³ Approximate inside dimensions, 4½ by 16 by 16½ inches.
- ⁴ Approximate inside dimensions, 9¾ by 11 by 20¾ inches.
- ⁵ Approximate inside dimensions, 3¾ by 13½ by 16½ inches.
- ⁶ Approximate inside dimensions, 4¾ by 13¾ by 16½ inches.
- ⁷ Approximate inside dimensions, 13 by 18 by 21¾ inches.
- ⁸ Approximate inside dimensions, 13 by 13 by 22¾ inches.
- ⁹ This is the weight commonly used in trade practice, the actual weight varying according to temperature conditions.
- ¹⁰ Approximate inside dimensions, 22 by 16 by 20¾ inches.
- ¹¹ Approximate inside dimensions, 3¾ by 11½ by 14¾ inches.
- ¹² The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it requires 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.
- ¹³ For statistical purposes the bale of cotton is 500 pounds gross or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.
- ¹⁴ This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.
- ¹⁵ Approximate inside dimensions, 9¾ by 10½ by 15 inches.
- ¹⁶ Approximate inside dimensions, 1¾ by 11 by 16¾ inches.
- ¹⁷ Approximate inside dimensions, 12 by 12 by 24 inches.
- ¹⁸ Approximate inside dimensions, 11½ by 11½ by 24 inches.
- ¹⁹ Until 1942, these net weights as used in this Department (for figuring quantities and values of bulk fruit in terms of packed boxes) were 60 pounds for grapefruit, 76 pounds for lemons, and 70 pounds for oranges. Grapefruit in the Desert Valley of California and in Arizona probably weighs slightly less than that in other parts of California, or about 65 pounds per box, compared with 68 pounds in other California.
- ²⁰ Approximate inside dimensions, 5¾ by 13¾ by 16¾ inches.
- ²¹ Approximate inside dimensions, 4¾ by 16 by 16¾ inches.
- ²² About 13 pounds of sawdust are required to pack 32 pounds of grapes in a keg, thus making the total weight about 45 pounds.
- ²³ Approximate inside dimensions, 7¾ by 15 by 18¾ inches.
- ²⁴ Approximate inside dimensions, 9¾ by 13 by 25 inches.
- ²⁵ Approximate inside dimensions, 8¾ by 11½ by 18 inches.
- ²⁶ Approximate inside dimensions, 12 by 10½ by 33 inches.
- ²⁷ Approximate inside dimensions, 3¾ by 11 by 18 inches.
- ²⁸ This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying, and the net weight when sold in terminal markets may be below 55 pounds.
- ²⁹ Approximate inside dimensions, 6 by 12 by 24 inches. This is the box ordinarily used in market sales. Farm weight is about 90 pounds per whole box.
- ³⁰ Approximate inside dimensions, 9¾ by 9¾ by 19 inches.

(See conversion factors on next page)

CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh.
Do.....	1 pound chops.....	5 pounds fresh.
Do.....	1 barrel.....	3 boxes or 3 bushel baskets.
Apricots.....	1 pound dried.....	5½ pounds fresh.
Barley flour.....	100 pounds.....	4.59 bushels barley.
Beans, lima.....	1 pound shelled.....	2 pounds unshelled.
Buckwheat flour.....	100 pounds.....	3.57 bushels buckwheat.
Cane sirup.....	1 gallon.....	5 pounds sugar.
Cherries.....	1 pound dried.....	4 pounds fresh in California; 5 pounds fresh elsewhere.
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn.
Corn meal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946.
Nondegermed.....	do.....	2 bushels corn, beginning 1946.
Cotton.....	1 pound ginned.....	2.86 pounds unginned, up until 1943.
Dairy products:		
Butter.....	1 pound.....	21 pounds milk.
Cheese.....	do.....	10 pounds milk.
Condensed milk, whole.....	do.....	2.2 pounds milk.
Evaporated milk, whole.....	do.....	Do.
Ice cream ³¹	1 gallon.....	15 pounds milk.
Ice cream ³¹ (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk.
Malted milk.....	1 pound.....	2.6 pounds milk.
Powdered milk.....	do.....	8 pounds milk.
Powdered cream.....	do.....	19 pounds milk.
Dates.....	1 pound dried.....	1½ pounds fresh.
Eggs.....	1 case (45 lbs.).....	37.5 pounds frozen or liquid eggs, since 1937.
Do.....	do.....	10.1 pounds dried eggs.
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere.
Grapefruit, Florida.....	1 case canned.....	Slightly less than 1 box fresh fruit.
Flaxseed.....	1 bushel.....	Yields about 2½ gallons oil.
Linseed oil.....	1 gallon.....	From 0.4 bushel flaxseed.
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.)
Maple sirup.....	1 gallon.....	8 pounds maple sugar.
Nuts:		
Almonds, imported.....	1 pound shelled.....	3¼ pounds unshelled.
Almonds, California.....	do.....	2.22 pounds unshelled through 1949; 2 pounds thereafter.
Brazil.....	do.....	2 pounds unshelled.
Cashews.....	do.....	4.55 pounds unshelled.
Chestnuts.....	do.....	1.19 pounds unshelled.
Filberts.....	do.....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter.
Pecans:		
Seedling.....	do.....	2.63 pounds unshelled.
Improved.....	do.....	2.38 pounds unshelled.
Pignolias.....	do.....	1.3 pounds unshelled.
Pistachios.....	do.....	2 pounds unshelled.
Walnuts:		
Black.....	do.....	8¼ pounds unshelled.
Persian (English).....	do.....	2.38 pounds unshelled.
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 194.
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28, and 6½ pounds fresh from 1929 to date.
Peaches, California, clingstone.....	do.....	7½ pounds fresh.
Peanuts.....	1 pound shelled.....	1½ pounds unshelled.
Pears.....	1 pound dried.....	5½ pounds fresh.
Peas, green.....	1 pound shelled.....	2.5 pounds unshelled.
Prunes.....	1 pound dried.....	2½ pounds fresh in California; 3 to 4 pounds fresh elsewhere.
Raisins.....	1 pound.....	4 pounds fresh grapes.
Rice.....	100 pounds.....	3.42 bushels rough or unhulled rice.
Do.....	do.....	2.35 bushels rye, beginning 1939.
Rye flour.....	do.....	Hawaii, 0.9617 ton refined; Puerto Rico and Philippines, 0.946 ton refined; Cuba, 0.9418 ton refined, beginning with the 1931-32 season; Louisiana (96 ^o raw), 0.9346 ton refined, beginning 1919; Florida (96 ^o raw), 0.9346 ton refined, beginning 1928.
Sugar.....	1 ton raw.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See Circular 435, U. S. Dept. of Agr.).
Tobacco.....	1 pound farm-sales weight.....	2.33 bushels wheat. ³²
Wheat flour.....	100 pounds.....	2.5 pounds grease.
Wool, domestic shorn.....	1 pound scoured.....	1.67 pounds grease.
Wool, imported shorn apparel.....	do.....	1.5 pounds grease.
Wool, domestic pulled.....	do.....	1.5 pounds grease.
Wool, imported pulled apparel.....	do.....	1.3 pounds grease.

³¹ The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

³² This is equivalent to 4.56 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions beginning July 1, 1944. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels; 1909-1917, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels. From March 1 to Nov. 1, 1946, the milling rate averaged about 2.20 bushels wheat per 100 pounds flour.

CHAPTER I

STATISTICS OF GRAINS

This chapter on grains is concerned with estimates of acreage, production, farm disposition, stocks, prices received by farmers, and farm value. Estimates in greater detail are published regularly by the Crop Reporting Board.

Tables on sorgo sirup, which might be expected in the sorghum group, are included with "sugar crops." Popcorn and broomcorn tables are included with "minor field crops." Corn sugar and corn sirup, however, are included in the corn tables in this chapter.

As a new table this year, there is one on the futures market for feedstuffs.

TABLE 1.—Wheat: Acreage, production, value, and foreign trade, United States, 1929-48

Year	Acreage seeded ¹	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel, year beginning July, at—		Foreign trade, including flour, year beginning July ⁴		
							Kansas City ²	Minneapolis ³	Domestic exports ⁵	Imports ⁶	Net exports ⁷
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929.....	67,177	62,000	12.9	800,649							
1929.....	67,177	63,392	13.0	824,183	103.6	853,778	120	130	153,245	12,956	140,361
1930.....	67,559	62,637	14.2	886,522	67.1	595,247	76	82	131,475	19,059	112,435
1931.....	66,463	57,704	16.3	941,540	39.1	368,270	47	71	135,797	12,886	123,774
1932.....	66,281	57,851	13.1	756,307	38.2	289,230	51	61	41,211	9,382	32,284
1933.....	69,009	49,424	11.2	552,215	74.4	410,770	88	91	37,002	11,494	25,508
1934.....	41,943	41,943	12.2	513,213							
1934.....	64,064	43,347	12.1	526,052	84.8	446,085	98	116	21,532	25,134	3,602
1935.....	69,611	51,305	12.2	628,227	83.1	521,915	105	126	15,929	46,638	30,709
1936.....	73,970	49,125	12.8	629,880	102.5	645,465	121	147	21,584	47,924	26,340
1937.....	80,814	64,169	13.6	873,914	96.2	840,706	111	128	107,194	3,561	103,633
1938.....	78,981	69,197	13.3	919,913	56.2	516,636	70	79	115,784	9,623	106,161
1939.....	60,526	60,526	14.0	708,852							
1939.....	62,802	52,669	14.1	741,210	69.1	512,427	74	97	54,274	10,430	43,844
1940.....	61,820	53,273	15.3	814,646	68.2	555,547	82	90	40,557	11,024	29,533
1941.....	62,707	55,935	16.8	941,970	94.4	889,561	112	110	35,833	15,576	20,257
1942.....	53,000	49,773	19.5	969,381	110.0	1,064,789	126	129	33,401	8,633	24,768
1943.....	55,984	51,355	16.4	843,813	136.0	1,148,845	145	155	51,110	147,311	96,201
1944.....	68,286	68,286	17.7	1,032,660							
1944.....	66,190	59,749	17.7	1,060,111	141.0	1,497,693	156	159	56,604	51,561	5,043
1945.....	69,130	65,120	17.0	1,108,224	150.0	1,661,649	160	171	318,695	13,591	305,104
1946.....	71,536	67,075	17.2	1,153,046	191.0	2,203,246	209	234	367,207	2,025	365,182
1947.....	78,169	74,389	18.4	1,367,186	229.0	3,128,587	252	288	480,666	149	480,517
1948 ¹¹	77,749	71,904	17.9	1,288,406	205.0	2,640,695	219	237			

¹ Includes acreage seeded in preceding fall for harvest in the year shown.

² No. 2 Hard Winter, computed by weighting selling prices by number of carlots sold, as reported in the Kansas City Grain Market Review.

³ No. 1 Dark Northern Spring, computed by weighting selling prices by number of carlots sold, as reported in the Minneapolis Daily Market Record.

⁴ Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. From July 1, 1944 to Feb. 28, 1946, and also from Nov. 1, 1946, wheat flour has been converted at the ratio of 100 pounds of flour to 2.33 bushels of wheat. The following conversion factors per 100 pounds of flour were used in the months of 1946 indicated: March, 2.23; April, 2.17; May, 2.18; June, 2.17; July, 2.18; August, 2.22; September, 2.20, and October, 2.23. Wheat flour converted to terms of grain on the following basis: 1929 to June 1944, 4.7 bushels of grain per barrel of flour. See also table 11.

⁵ Includes flour milled from imported wheat.

⁶ Includes wheat imported for milling in bond and export.

⁷ Total exports (domestic plus foreign) minus total imports; beginning 1933, net figures are domestic exports minus imports for consumption.

⁸ Net imports, i.e., imports for consumption minus domestic exports.

⁹ Includes an allowance for unredeemed loans at average loan value.

¹⁰ No. 2 Hard and Dark Hard Winter.

¹¹ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 1.

TABLE 2.—Wheat: Acreage seeded and harvested, and production, by groups, United States, 1939-48

Year	Winter wheat					All spring wheat				
	Acreage seeded ¹	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production	Acreage seeded	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>
1939.....	46,154	37,681	12.3	15.0	665,672	16,648	14,988	10.5	11.7	175,538
1940.....	43,536	36,095	13.6	16.4	592,809	18,284	17,178	12.1	12.9	221,837
1941.....	46,045	39,778	14.6	16.9	673,727	16,662	16,157	16.1	16.6	263,243
1942.....	38,855	36,020	18.1	19.5	702,159	14,145	13,753	18.9	19.4	267,222
1943.....	38,515	34,563	14.0	15.6	537,476	17,469	16,792	17.5	18.2	306,337
1944.....	46,821	41,125	16.1	18.3	751,901	19,369	18,624	15.9	16.5	308,210
1945.....	50,415	46,989	16.2	17.4	817,834	18,715	18,131	15.5	16.0	290,390
1946.....	52,195	48,350	16.7	18.0	870,725	19,341	18,725	14.6	15.1	282,321
1947.....	58,133	54,835	18.4	19.5	1,068,048	20,036	19,554	14.9	15.3	299,138
1948 ²	58,161	52,859	17.0	18.7	990,098	19,588	19,045	15.2	15.7	298,308
	Durum wheat (3 States) ³					Other spring wheat ⁴				
1939.....	3,128	2,965	10.4	11.0	32,486	13,520	12,023	10.6	11.9	143,052
1940.....	3,371	3,029	9.6	10.7	32,294	14,913	14,149	12.7	13.4	189,543
1941.....	2,598	2,524	15.6	16.1	40,658	14,064	13,633	16.2	16.7	227,585
1942.....	2,155	2,109	19.1	19.6	41,236	11,990	11,644	18.8	19.4	225,986
1943.....	2,136	2,078	15.7	16.1	33,505	15,333	14,714	17.8	18.5	272,832
1944.....	2,099	2,057	14.1	14.4	29,666	17,270	16,567	16.1	16.8	278,544
1945.....	2,026	2,004	16.2	16.4	32,840	16,689	16,127	15.4	16.0	257,550
1946.....	2,493	2,453	14.4	14.6	35,836	16,848	16,272	14.6	15.1	246,485
1947.....	2,975	2,948	14.9	15.0	44,328	17,061	16,606	14.9	15.3	254,810
1948 ²	3,245	3,187	13.8	14.0	44,742	16,343	15,858	15.5	16.0	253,566

¹ Acreage seeded in preceding fall, for winter wheat only.

² Preliminary.

³ Minnesota, North Dakota, and South Dakota. Includes "Red Durum."

⁴ Includes small quantities of durum wheat, grown in States other than the three which are specified in footnote 3.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 2, and data for 1929-38 in Agricultural Statistics, 1943, table 2.

TABLE 3.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State and division	Acreage seeded ¹			Acreage harvested			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46 ⁽³⁾	1947	1948 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	305	398	463	295	387	454	7,262	9,272	12,452	124	241	210
New Jersey.....	75	97	105	57	75	82	1,272	1,875	1,763	123	240	225
Pennsylvania.....	927	947	985	904	929	966	18,567	22,296	18,354	123	232	215
North Atlantic.....	1,309	1,442	1,553	1,258	1,391	1,502	27,138	33,443	32,569	123	235	214
Ohio.....	2,014	2,212	2,377	1,959	2,179	2,353	42,982	49,028	57,648	120	236	215
Indiana.....	1,618	1,603	1,828	1,458	1,571	1,791	27,062	36,133	38,506	118	227	210
Illinois.....	1,709	1,431	1,702	1,600	1,347	1,669	29,754	28,980	40,065	117	229	215
Michigan.....	848	1,210	1,416	833	1,192	1,395	18,861	29,800	36,270	120	241	215
Wisconsin.....	90	118	127	87	114	123	1,618	2,793	2,906	113	244	210
Minnesota.....	1,566	1,200	1,096	1,520	1,169	1,056	25,509	20,633	18,509	116	248	214
Iowa.....	346	219	335	304	200	312	5,653	3,593	7,787	113	226	210
Missouri.....	1,822	1,472	1,914	1,608	1,321	1,785	23,577	24,438	39,270	114	223	205
North Dakota.....	9,035	10,407	9,676	8,377	10,263	9,518	118,264	146,383	136,580	111	253	210
South Dakota.....	3,284	3,858	4,040	2,895	3,703	3,848	33,717	53,628	50,391	111	239	204
Nebraska.....	3,863	4,489	4,499	3,256	4,317	4,072	54,667	90,300	82,988	111	223	205
Kansas.....	13,617	15,404	14,634	11,625	14,855	13,221	167,792	286,702	231,368	111	225	200
North Central.....	39,712	43,623	43,644	35,522	42,231	41,143	549,456	772,411	742,288	113	233	207
Delaware.....	71	72	73	67	67	68	1,281	1,407	986	124	239	220
Maryland.....	387	399	415	369	370	377	7,246	7,770	6,032	123	234	220
Virginia.....	547	528	523	514	487	497	8,024	8,522	9,194	128	236	225
West Virginia.....	127	98	102	106	84	88	1,700	1,722	1,716	127	240	225
North Carolina.....	495	508	427	460	482	390	6,567	8,194	6,045	133	239	230
South Carolina.....	220	272	253	214	246	246	2,735	4,356	3,444	131	237	225
Georgia.....	198	257	239	183	240	221	2,102	3,360	2,984	128	231	220
South Atlantic.....	2,045	2,134	2,032	1,912	1,994	1,887	29,656	35,331	30,401	128	236	224
Kentucky.....	479	404	420	394	324	324	6,072	5,184	5,184	122	228	215
Tennessee.....	404	364	389	376	346	370	4,883	5,190	5,365	127	238	220
Alabama.....	14	12	12	12	10	11	163	155	170	128	237	225
Mississippi.....	14	25	18	9	20	14	4,222	460	308	126	231	220
Arkansas.....	60	38	43	41	24	30	468	372	525	112	225	215
Oklahoma.....	5,335	7,118	7,332	4,756	6,757	6,825	63,680	104,734	98,962	108	217	205
Texas.....	4,907	7,587	6,752	3,952	7,310	5,629	45,686	124,270	56,290	110	213	205
South Central.....	11,209	15,548	14,966	9,537	14,791	13,203	121,130	240,365	166,804	110	216	206
Montana.....	4,174	5,183	5,053	3,672	4,427	4,739	59,666	65,346	90,547	104	239	193
Idaho.....	1,107	1,359	1,467	1,040	1,315	1,361	28,449	37,935	34,583	99	222	190
Wyoming.....	272	317	363	227	296	322	3,786	6,208	6,358	103	229	189
Colorado.....	1,604	2,676	2,829	1,309	2,523	2,546	23,297	59,052	53,525	105	223	200
New Mexico.....	428	724	618	287	649	378	3,238	9,420	3,487	108	209	205
Arizona.....	33	30	29	31	28	28	684	588	644	124	248	220
Utah.....	274	331	359	263	326	346	6,029	8,082	7,474	103	214	190
Nevada.....	18	22	23	17	21	22	460	612	652	113	218	200
Washington.....	2,401	2,922	2,959	2,208	2,719	2,766	56,282	64,750	79,268	102	223	200
Oregon.....	955	1,033	1,029	873	949	976	21,068	21,615	27,818	106	219	205
California.....	755	825	825	676	729	685	12,283	12,028	11,988	119	240	220
Western.....	12,021	15,422	15,554	10,602	13,982	14,169	215,242	285,636	316,344	104	226	198
United States.....	66,296	78,169	77,749	58,832	74,389	71,904	942,623	1,367,186	1,288,406	111	229	205

¹ Includes acreage seeded in preceding fall for harvest in the year shown.² Preliminary.³ For certain years, prices include an allowance for unredeemed loans at average loan value.⁴ Short-time average.

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TABLE 4.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States and groups, average 1937-46, annual 1947 and 1948

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Crops of 1937-46	Crop of 1947	Crop of 1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46 ⁽²⁾	1947	1948 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	301	394	457	291	383	448	7,177	9,192	12,320	124	241	210
New Jersey.....	75	97	105	87	75	82	1,272	1,875	1,763	123	240	225
Pennsylvania.....	922	947	985	898	929	966	18,458	22,296	18,354	123	232	215
North Atlantic.....	1,297	1,438	1,547	1,246	1,387	1,496	26,907	33,363	32,437	123	235	214
Ohio.....	2,013	2,212	2,377	1,958	2,179	2,353	42,958	49,028	57,648	120	236	215
Indiana.....	1,512	1,603	1,828	1,452	1,571	1,791	26,966	36,133	38,506	118	227	210
Illinois.....	1,693	1,422	1,693	1,584	1,339	1,660	29,474	28,788	39,840	117	229	215
Michigan.....	839	1,210	1,416	825	1,192	1,395	18,706	29,800	36,270	120	241	215
Wisconsin.....	44	41	34	42	38	31	769	817	698	113	245	210
Minnesota.....	184	111	109	163	101	81	2,992	1,970	1,539	114	241	210
Iowa.....	329	212	322	286	193	299	5,389	3,474	7,475	113	226	210
Missouri.....	1,822	1,472	1,914	1,608	1,321	1,785	23,576	24,438	39,270	114	223	205
South Dakota.....	235	415	296	170	354	209	2,387	6,549	2,822	108	227	200
Nebraska.....	3,685	4,419	4,419	3,124	4,252	3,997	53,442	89,292	81,938	111	223	205
Kansas.....	13,605	15,404	14,634	11,617	14,855	13,221	167,718	286,702	231,368	111	225	200
North Central.....	25,960	28,522	29,045	22,829	27,395	26,822	374,376	556,991	537,374	114	227	206
Delaware.....	71	72	73	67	67	68	1,281	1,407	986	124	239	220
Maryland.....	387	399	415	369	370	377	7,246	7,770	6,032	123	234	220
Virginia.....	547	528	523	514	487	497	8,024	8,522	9,194	128	236	225
West Virginia.....	127	98	102	106	84	88	1,700	1,722	1,716	127	240	225
North Carolina.....	495	508	427	460	482	390	6,567	8,194	6,045	133	239	230
South Carolina.....	220	272	253	214	264	246	2,735	4,356	3,444	131	237	225
Georgia.....	198	257	239	183	240	221	2,102	3,360	2,984	128	231	220
South Atlantic.....	2,045	2,134	2,032	1,912	1,994	1,887	29,656	35,331	30,401	128	236	224
Kentucky.....	479	404	420	394	324	324	6,072	5,184	5,184	122	228	215
Tennessee.....	404	364	389	376	346	370	4,883	5,190	5,365	127	238	220
Alabama.....	14	12	12	12	10	11	163	155	170	128	237	225
Mississippi.....	3	14	25	18	9	20	3,222	460	308	126	231	225
Arkansas.....	60	38	43	41	24	30	468	372	525	112	225	215
Oklahoma.....	5,335	7,118	7,332	4,756	6,757	6,825	63,680	104,734	98,962	108	217	205
Texas.....	4,907	7,587	6,752	3,952	7,310	5,629	45,686	124,270	56,290	110	213	205
South Central.....	11,209	15,548	14,966	9,537	14,791	13,203	121,130	240,365	166,804	110	216	206
Montana.....	1,353	1,949	1,657	1,176	1,347	1,536	23,626	22,226	36,096	102	237	190
Idaho.....	710	876	902	657	840	815	16,973	22,260	17,930	99	222	190
Wyoming.....	158	234	271	130	218	240	2,376	4,687	4,800	103	230	190
Colorado.....	1,358	2,549	2,702	1,108	2,404	2,428	20,220	56,494	50,988	105	223	200
New Mexico.....	406	702	597	266	629	359	2,951	9,120	3,231	108	209	205
Arizona.....	33	30	29	31	28	28	684	588	644	124	248	220
Utah.....	204	260	281	196	256	271	3,945	5,632	5,149	102	214	190
Nevada.....	5	6	6	5	5	6	131	162	156	113	220	200
Washington.....	1,490	2,252	2,477	1,319	2,074	2,302	37,572	51,850	69,060	102	223	200
Oregon.....	702	808	824	635	737	781	15,777	16,951	23,040	106	219	205
California.....	755	825	825	676	729	685	12,283	12,028	11,988	119	240	220
Western.....	7,174	10,491	10,571	6,200	9,268	9,451	136,538	201,998	223,082	104	224	199
United States.....	47,684	58,133	58,161	41,724	54,835	52,859	688,606	1,068,048	990,098	112	224	205

See footnotes at end of table.

TABLE 4.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States and groups, average 1937-46, annual 1947 and 1948—Continued

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46 ⁽²⁾	1947	1948 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Minnesota.....	64	55	63	63	54	62	1,025	918	992	112	253	210
North Dakota.....	2,195	2,722	2,913	2,085	2,701	2,863	29,064	40,515	40,082	110	255	210
South Dakota.....	443	198	269	401	193	262	4,531	2,895	3,668	106	242	200
3 States.....	2,701	2,975	3,245	2,549	2,948	3,187	34,619	44,328	44,742	109	254	209

OTHER SPRING WHEAT

New York.....	4	4	6	4	4	6	85	80	132	124	242	210
North Atlantic.....	12	4	6	12	4	6	232	80	132	129	242	210
Illinois.....	16	8	9	16	8	9	281	192	225	117	232	215
Wisconsin.....	46	77	93	45	76	92	849	1,976	2,208	114	243	210
Minnesota.....	1,319	1,034	924	1,294	1,014	913	21,492	17,745	15,978	116	248	215
Iowa.....	17	7	13	17	7	13	264	119	312	113	224	210
North Dakota.....	6,841	7,685	6,763	6,292	7,562	6,655	89,200	105,868	96,498	112	252	210
South Dakota.....	2,606	3,245	3,472	2,324	3,156	3,377	26,800	44,184	43,901	113	240	205
Nebraska.....	178	70	80	132	65	75	1,225	1,008	1,050	108	219	200
North Central.....	11,051	12,126	11,354	10,144	11,888	11,134	140,462	171,092	160,172	113	248	209
Montana.....	2,822	3,234	3,396	2,496	3,080	3,203	36,040	43,120	54,451	106	240	195
Idaho.....	397	483	665	382	475	546	11,476	15,675	16,653	99	222	190
Wyoming.....	115	83	92	97	78	82	1,410	1,521	1,558	102	224	185
Colorado.....	246	127	127	201	119	118	3,078	2,558	2,537	104	221	195
New Mexico.....	22	22	21	20	20	19	288	300	256	106	207	205
Utah.....	69	71	78	67	70	75	2,084	2,450	2,325	104	213	190
Nevada.....	13	16	17	13	15	16	329	450	496	113	218	200
Washington.....	910	670	482	889	645	464	18,710	12,900	10,208	102	223	200
Oregon.....	253	225	205	238	212	195	5,291	4,664	4,778	106	219	205
Western.....	4,848	4,931	4,983	4,403	4,714	4,718	78,705	83,638	93,262	103	231	195
United States.....	15,911	17,061	16,343	14,558	16,606	15,858	219,398	254,810	253,566	109	242	204

¹ Preliminary.

² For certain years, prices include an allowance for unredeemed loans at average loan value.

³ Short-time average.

⁴ Includes "Red Durum." Small additional quantities of durum wheat are grown in other than the 3 States shown here, but included with "other spring" wheat.

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TABLE 5.—Wheat: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1935-39 and 1940-44, annual 1946-48¹

Continent and country	Acreage ²					Yield per acre ³					Production					
	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴	
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44				
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
North America:																
Canada.....	25,595	22,466	24,076	24,260	24,106	12.2	12.2	18.8	17.2	13.9	16.3	312,399	422,559	413,725	336,758	393,345
Mexico.....	1,244	1,394	1,025	1,236	1,483	11.5	11.2	12.2	12.6	12.4	14,284	15,624	12,507	15,616	18,372	
United States.....	57,293	54,017	67,075	74,389	71,904	13.2	17.1	17.2	18.4	17.9	758,629	925,984	1,153,046	1,367,186	1,288,406	
Estimated total ⁵	84,170	77,930	92,250	99,940	97,550						1,086,000	1,365,000	1,580,000	1,720,000	1,701,000	
Europe:																
Albania.....	99	123	135	130	-----	15.2	11.2	16.3	15.4	-----	1,507	1,381	2,200	2,000	-----	
Austria.....	630	545	545	530	540	25.3	21.7	18.9	18.3	20.3	15,942	11,800	10,300	9,700	11,000	
Belgium.....	402	492	376	220	385	40.2	36.2	43.1	29.5	41.5	16,150	17,820	16,200	6,500	15,983	
Bulgaria.....	3,362	3,330	3,768	3,680	-----	20.5	16.1	18.0	-----	-----	69,080	53,500	67,900	-----	-----	
Czechoslovakia.....	2,175	-----	2,250	2,140	2,146	26.2	-----	23.6	17.3	24.2	57,000	-----	53,000	37,000	52,000	
Denmark.....	319	151	221	60	171	45.4	41.5	49.4	33.3	54.6	14,470	6,264	10,915	2,000	9,333	
Eire.....	225	499	643	580	540	34.2	33.5	26.9	29.3	34.3	7,689	16,735	17,274	17,000	18,500	
Finland.....	230	322	410	420	425	26.5	19.0	20.5	18.1	24.0	6,100	6,134	8,400	7,600	10,200	
France.....	12,560	11,600	10,600	9,250	11,100	22.8	20.7	24.5	16.2	27.0	286,510	240,000	260,000	150,000	300,000	
Germany.....	4,250	-----	-----	-----	-----	34.6	-----	-----	-----	-----	147,000	-----	-----	-----	-----	
Greece.....	2,172	2,250	1,875	2,086	2,071	14.0	9.6	14.1	-----	13.7	30,425	21,500	26,500	-----	28,292	
Hungary.....	4,091	4,080	2,698	3,100	-----	22.3	19.5	17.8	14.8	-----	91,210	79,760	48,000	46,000	-----	
Italy.....	12,577	12,464	11,700	11,500	11,860	22.1	19.7	20.3	17.8	21.1	278,366	245,812	238,000	205,000	250,000	
Luxembourg.....	47	42	41	20	40	25.9	22.3	23.4	22.5	27.5	1,215	936	959	450	1,100	
Netherlands.....	333	352	302	212	244	45.7	35.9	43.6	35.4	46.0	15,217	12,639	13,180	7,500	11,235	
Norway.....	80	108	95	86	81	29.9	23.7	29.1	23.5	34.6	2,391	2,560	2,761	2,020	2,800	
Poland.....	3,260	-----	-----	-----	-----	22.7	-----	-----	-----	-----	74,000	-----	-----	-----	-----	
Portugal.....	1,720	-----	1,628	1,680	1,692	10.7	-----	11.5	7.6	7.0	18,400	-----	18,666	12,781	11,831	
Rumania.....	6,900	5,600	-----	-----	-----	16.2	14.3	-----	-----	-----	112,000	80,000	-----	-----	-----	
Spain.....	11,253	9,300	9,600	9,900	9,900	14.0	11.1	14.8	10.4	11.1	157,986	103,000	142,000	103,000	110,000	
Sweden.....	740	700	748	723	780	35.6	24.0	33.4	20.3	32.5	26,351	16,834	25,017	14,660	25,316	
Switzerland.....	183	225	232	225	220	33.1	35.2	32.2	30.5	36.4	7,929	6,050	7,477	6,860	8,000	
United Kingdom.....	1,843	2,655	2,062	2,163	2,279	33.8	36.0	35.6	28.8	37.3	62,361	95,656	73,442	62,250	88,144	
Yugoslavia.....	5,400	4,900	-----	-----	-----	18.1	15.7	-----	-----	-----	97,700	77,000	-----	-----	-----	
Estimated total ⁵	74,860	70,320	67,200	64,820	69,250						1,595,000	1,345,000	1,325,000	1,005,000	1,455,000	
U.S.S.R. (Europe and Asia).....	104,000	-----	-----	73,000	95,000	11.9	-----	-----	11.6	10.8	1,240,000	-----	-----	850,000	1,025,000	
Asia:																
Iran.....	74,191	3,283	-----	-----	-----	717.2	16.1	-----	-----	-----	772,128	52,880	76,536	70,737	74,000	
Iraq.....	71,724	1,737	2,000	2,000	-----	710.7	8.5	7.3	6.2	-----	18,114	14,697	12,500	12,500	12,000	
Lebanon.....	(⁶)	166	160	173	173	-----	9.5	16.1	11.7	11.6	(⁶)	1,572	2,570	2,021	2,000	

Palestine.....	533	450	340			6.1	7.4	8.4			3,244	3,339	2,873		
Syria.....	⁸ 1,363	1,216	1,927	2,084	2,132	⁸ 14.3	13.5	10.8	7.1	11.2	⁸ 19,485	16,357	20,900	14,838	23,883
Turkey.....	8,973	10,214	9,246	9,658	9,884	15.1	13.3	18.9	13.5	14.7	135,690	135,747	175,000	130,000	145,000
China.....	⁷ 49,000	47,400	56,800	56,900	52,818	⁷ 15.3	16.5	15.6	16.2	17.5	⁷ 750,000	782,000	887,800	919,600	925,000
Manchuria.....	2,896	1,955				12.4	11.7				36,035	22,925			
India and Pakistan ⁹	34,485	34,225	34,977	34,365	32,000	10.7	11.0	9.6	8.6	10.6	370,660	385,309	337,419	296,427	340,000
Japan.....	1,735	2,044	1,562	1,492		28.8	25.6	14.5	19.1		49,954	52,228	22,613	28,550	
Korea.....	832	801				12.3	12.7				10,240	10,203			
Estimated total ⁴	107,910	105,820	114,710	115,680	109,600						1,499,000	1,500,000	1,584,000	1,526,000	1,593,000
Africa:															
Algeria.....	4,184	3,965	3,200	3,700	3,731	8.4	7.4	11.2	7.6	12.1	35,201	29,442	36,000	28,000	45,000
Egypt.....	1,464	1,693	1,646	1,692	1,573	31.3	26.0	26.0	23.9	26.4	45,848	43,973	42,727	40,500	41,500
French Morocco.....	3,254	3,555	2,417	3,000	2,590	7.1	7.2	11.4	8.2	8.9	23,128	25,447	27,462	24,500	23,000
Tunisia.....	1,915	1,747	1,670	1,600	2,044	7.8	6.0	7.5	6.9	5.4	14,962	10,509	12,500	11,000	11,000
Union of South Africa ¹⁰	1,926	2,514	2,300	2,228	2,880	8.3	6.2	6.7	6.3	6.1	16,025	15,597	15,322	16,777	17,543
Estimated total ⁴	13,830	14,710	12,470	13,750	14,200						143,000	134,000	143,000	130,000	148,000
South America:															
Argentina.....	15,834	13,776	13,884	11,656	12,000	14.0	17.0	14.9	21.0	14.2	221,769	234,585	206,314	245,000	191,000
Brazil.....	414	677	744	811		10.5	10.2	12.2	13.0		4,978	6,935	9,114	10,546	11,800
Chile.....	1,963	1,908	1,873	2,023	2,143	16.1	16.7	17.7	19.5	18.8	31,562	31,873	33,163	39,360	40,268
Peru.....	285	287	247	247		11.5	12.2	14.9	14.1		3,274	3,504	3,674	3,491	
Uruguay.....	1,210	945	659	1,248	1,253	11.0	10.8	10.1	12.5	13.5	13,256	10,161	6,681	15,562	16,942
Estimated total ⁴	20,470	18,250	18,130	16,510	17,010						281,000	293,000	264,000	319,000	270,000
Oceania:															
Australia.....	13,128	10,053	13,180	13,880	13,000	12.9	11.3	8.9	15.9	15.4	169,744	113,455	117,262	220,000	190,000
New Zealand.....	221	241	141	125	150	32.3	34.0	38.1	36.3	36.7	7,129	8,199	5,368	4,539	5,500
Total.....	13,349	10,294	13,321	14,005	13,150						176,873	121,654	122,630	224,539	195,500
Estimated world total ⁴	418,200	388,120	387,080	397,700	415,760						6,021,000	5,735,000	5,720,000	5,775,000	6,390,000

¹ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1948 is combined with the Southern Hemisphere harvest which began late in 1948 and ended early in 1949.

² Figures refer to harvested area as far as possible.

³ Yield per acre calculated from acreage and production data shown except for incomplete periods.

⁴ Preliminary.

⁵ Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

⁶ Figure for 1935 only.

⁷ Average of less than 5 years.

⁸ Estimates for Syria and Lebanon not shown separately during this period.

⁹ Estimates for reporting areas only. Allowances for non-reporting areas are included in estimated total for Asia.

¹⁰ Production on European holdings only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 6.—Wheat: Stocks on and off farms, United States, 1939-48

Year beginning October—	On farms				Off farms ¹			
	Oct. 1	Jan. 1	Apr. 1	July 1 ²	Oct. 1	Jan. 1	Apr. 1	July 1 ²
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1939.....	327,616	229,374	149,433	79,572	459,728	376,639	284,136	200,151
1940.....	365,118	279,970	192,173	86,675	511,978	443,806	352,814	298,058
1941.....	483,922	371,775	268,531	162,722	678,348	628,144	541,337	468,053
1942.....	632,573	484,754	321,179	189,574	739,779	667,660	574,889	429,323
1943.....	523,394	382,351	219,137	103,622	591,098	435,248	325,138	212,933
1944.....	521,123	384,638	233,856	87,703	558,071	443,709	324,588	191,477
1945.....	517,823	361,031	198,481	41,606	502,165	320,961	133,654	58,482
1946.....	551,669	365,794	139,851	40,477	397,593	276,483	168,698	43,336
1947.....	611,356	428,666	256,986	94,511	517,743	372,946	223,167	101,480
1948 ³	546,151	381,667	239,315	65,598	602,121	477,410	339,548	227,674

¹ Includes stocks in interior mills, elevators, and warehouses, merchant mills, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins and in transit.

² Includes old crop only.

³ Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1926-38, in Agricultural Statistics, 1943, table 8.

TABLE 7.—Wheat: Production and farm disposition, United States, 1939-48

Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1939.....	741,210	72,946	60,185	91,737	11,084	678,204
1940.....	814,646	74,351	62,047	98,972	10,348	643,279
1941.....	941,970	62,490	54,004	98,871	9,020	789,075
1942.....	969,381	65,487	55,040	91,315	7,259	815,767
1943.....	843,813	77,351	61,571	89,821	5,690	686,731
1944.....	1,060,111	80,373	64,731	103,420	5,383	886,577
1945.....	1,108,224	82,011	67,371	98,201	4,871	937,781
1946.....	1,159,046	86,498	68,491	85,701	3,850	995,004
1947.....	1,367,186	90,746	73,459	92,681	4,387	1,198,659
1948 ¹	1,288,406	91,337	72,734	102,617	4,211	1,108,844

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 8.—Wheat: Production and farm disposition, by States, crop of 1947

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
New York.....	9,272	972	826	2,967	15	5,464
New Jersey.....	1,875	210	147	806		922
Pennsylvania.....	22,226	1,970	1,773	7,135	300	13,088
Ohio.....	49,028	4,754	3,993	9,315	237	35,483
Indiana.....	36,133	3,108	2,642	5,420	68	28,003
Illinois.....	28,980	2,386	1,885	1,739	22	25,334
Michigan.....	29,800	2,690	2,286	6,854	116	20,544
Wisconsin.....	2,793	225	180	1,676	28	909
Minnesota.....	20,633	1,770	1,504	2,682	68	16,379
Iowa.....	3,593	572	372	431	1	2,789
Missouri.....	24,438	2,680	2,010	5,376	97	16,955
North Dakota.....	146,383	11,517	9,789	2,928	88	133,578
South Dakota.....	63,628	4,468	3,574	2,145	20	47,889
Nebraska.....	90,300	4,949	4,207	3,160	28	82,905
Kansas.....	286,702	14,634	12,459	7,168	48	267,047
Delaware.....	1,407	131	111	155	7	1,134
Maryland.....	7,770	788	630	932	18	6,190
Virginia.....	8,522	784	666	2,301	690	4,865
West Virginia.....	1,722	184	147	740	77	758
North Carolina.....	8,124	640	576	1,639	840	5,139
South Carolina.....	4,356	354	301	523	460	3,072
Georgia.....	3,360	311	284	605	254	2,237
Kentucky.....	5,184	588	441	778	195	3,770
Tennessee.....	5,190	506	430	830	480	3,450
Alabama.....	155	16	12	23	24	96
Mississippi.....	400	25	18	230	9	203
Arkansas.....	372	60	36	112	2	222
Oklahoma.....	104,734	7,332	5,499	3,666	46	95,523
Texas.....	124,270	4,726	3,544	3,107		117,619
Montana.....	65,346	4,687	3,910	2,614	24	58,798
Idaho.....	37,935	2,167	1,409	4,173	20	32,333
Wyoming.....	6,208	336	218	559	6	5,425
Colorado.....	59,052	2,697	2,078	2,362	20	54,592
New Mexico.....	9,420	439	329	754	6	8,331
Arizona.....	588	41	31	88	9	460
Utah.....	8,082	533	453	2,505	58	5,066
Nevada.....	612	36	25	367	1	219
Washington.....	64,750	3,847	2,693	1,942	1	60,114
Oregon.....	21,615	1,441	1,153	1,513	2	18,947
California.....	12,028	1,072	858	361	2	10,807
United States.....	1,367,186	90,746	73,459	92,681	4,387	1,196,659

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 9.—Wheat: Production and farm disposition, by States, crop of 1948¹

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
New York.....	12,452	894	760	3,985	15	7,692
New Jersey.....	1,783	200	160	793		810
Pennsylvania.....	18,354	1,872	1,760	6,975	312	9,307
Ohio.....	57,648	4,802	4,034	10,377	187	43,050
Indiana.....	38,506	3,108	2,642	6,931	75	28,858
Illinois.....	40,065	2,740	2,192	2,404	25	35,444
Michigan.....	36,270	2,476	2,179	7,979	124	25,988
Wisconsin.....	2,906	184	147	1,889	29	841
Minnesota.....	18,509	1,798	1,438	2,961	41	14,069
Iowa.....	7,787	750	525	1,012	1	6,249
Missouri.....	39,270	2,814	2,392	8,247	99	28,532
North Dakota.....	136,580	12,160	9,971	2,732	87	123,790
South Dakota.....	50,391	4,538	3,630	2,520	20	44,221
Nebraska.....	82,988	5,037	4,281	2,490	27	76,190
Kansas.....	231,368	12,644	10,115	6,941	47	214,265
Delaware.....	986	124	105	168	6	707
Maryland.....	6,032	749	637	1,086	18	4,291
Virginia.....	9,194	784	659	2,298	690	5,547
West Virginia.....	1,716	171	142	807	79	688
North Carolina.....	6,045	736	552	1,451	714	3,328
South Carolina.....	3,444	354	301	448	460	2,235
Georgia.....	2,984	311	264	388	240	2,092
Kentucky.....	5,184	588	441	1,037	181	3,525
Tennessee.....	5,365	476	405	1,073	496	3,391
Alabama.....	170	17	13	31	24	102
Mississippi.....	308	22	15	154	7	132
Arkansas.....	525	49	40	289	2	194
Oklahoma.....	98,962	7,552	5,664	3,958	45	89,295
Texas.....	56,290	5,341	3,739	1,970		50,581
Montana.....	90,547	5,209	4,167	2,716	24	83,640
Idaho.....	34,583	2,193	1,425	4,150	27	28,981
Wyoming.....	6,358	339	237	572	6	5,543
Colorado.....	53,525	2,978	2,234	2,141	20	49,130
New Mexico.....	3,457	393	275	523	4	2,685
Arizona.....	644	39	29	77	10	528
Utah.....	7,474	529	450	2,990	62	3,972
Nevada.....	652	39	27	456	1	168
Washington.....	79,268	3,754	2,628	3,171	1	73,468
Oregon.....	27,818	1,447	1,158	1,947	3	24,710
California.....	11,988	1,126	901	480	2	10,605
United States.....	1,288,406	91,337	72,734	102,617	4,211	1,108,844

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 10.—Wheat: Stocks on July 1, production, and exports, by classes, United States, 1939-48

Year beginning July—	Hard red spring			Durum ²			Hard red winter		
	July 1 stocks	Production	Exports ¹	July 1 stocks	Production	Exports ¹	July 1 stocks	Production	Exports ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	71,500	116,441	5,000	16,400	33,044	(³)	115,600	315,089	22,000
1940.....	82,100	157,438	4,000	17,800	32,942	(³)	134,900	323,956	6,000
1941.....	136,200	202,129	2,000	24,900	41,403	(³)	159,900	395,509	20,000
1942.....	205,900	206,081	2,000	34,200	41,836	1,000	290,800	486,031	21,000
1943.....	204,500	226,363	6,000	26,900	34,265	1,000	317,200	363,838	20,000
1944.....	149,500	235,959	24,000	14,300	30,328	2,000	113,100	468,557	104,000
1945.....	112,100	220,849	53,000	8,100	33,285	1,000	109,400	520,843	236,000
1946.....	38,800	214,835	39,000	5,000	36,337	1,000	37,400	579,896	266,000
1947.....	30,900	219,722	49,000	8,900	44,985	10,000	27,000	739,320	337,000
1948 ⁴	48,400	220,108	60,000	10,300	45,520	3,000	109,700	620,755	351,000

Year beginning July—	Soft red winter			White		
	July 1 stocks	Production	Exports ¹	July 1 stocks	Production	Exports ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	27,900	194,910	3,000	18,600	81,726	18,000
1940.....	24,100	207,405	3,000	20,800	92,905	24,000
1941.....	39,700	204,031	2,000	24,000	98,898	7,000
1942.....	54,300	148,723	1,000	45,600	86,710	9,000
1943.....	29,300	125,216	1,000	40,900	94,131	15,000
1944.....	18,400	203,635	10,000	21,200	121,632	5,000
1945.....	18,500	213,350	65,000	31,100	119,897	36,000
1946.....	11,400	195,711	31,000	7,500	126,267	54,000
1947.....	8,700	236,843	45,000	8,300	126,316	42,000
1948 ⁴	15,900	257,037	40,000	11,700	144,986	50,000

¹ Includes flour made from United States wheat and shipments to Territories.

² Includes "Red Durum."

³ Less than 500,000 bushels.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1925-28 in Agricultural Statistics, 1942, table 11, and data for 1929-38 in Agricultural Statistics, 1943, table 9.

Estimated production and stocks, by classes, are based on stocks of all wheat in each State, which data are broken down on basis of quinquennial wheat-variety surveys. Stocks are as of July 1 of the year given and are totals of stocks on farms, in interior mills, elevators and warehouses, in commercial centers and in merchant mills. Beginning 1942 the stocks include Commodity Credit Corporation wheat in transit and stored off farms in steel and wooden bins. Commercial stocks are reported by classes and merchant mill stocks are broken down largely on the basis of the distribution by classes of commercial stocks. Only old crop wheat is shown in all stocks positions. Exports and shipments by classes estimated on the basis of "inspection for export," records of the War Food Administration and the Department of Agriculture, and export indemnifying agencies.

TABLE 11.—Wheat and wheat flour: Imports and exports, United States, 1939–48

IMPORTS ¹						
Year beginning July —	For domestic use*				Wheat for milling in bond and export*	Total
	Full-duty wheat	Wheat for feed ²	Flour (3)	Total wheat and flour		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	56	86	335	477	9,953	10,430
1940.....	165	3,237	291	3,693	7,331	11,024
1941.....	1,699	1,785	179	3,663	11,912	15,575
1942.....	4 806	150	100	1,056	7,577	8,633
1943.....	4 136,013	189	158	136,360	10,952	147,312
1944.....	4 26,235	15,919	193	42,347	9,213	51,560
1945.....	1,136	766	96	1,998	11,591	13,589
1946.....	21	29	7	57	1,968	2,025
1947.....	7	117	6	130	19	149
1948.....	1,317	10	190	1,517	3,113	4,630

EXPORTS ¹									
Year beginning July—	Non-military exports			Army Civilian Supply Program			Total United States wheat and flour	Other flour* ⁶	Total wheat and flour
	Wheat as grain	Flour wholly from United States wheat	Total	Wheat as grain	Flour wholly from United States wheat	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	*23,636	*21,232	44,868	0	0	0	44,868	9,407	54,275
1940.....	*10,810	*22,812	33,622	0	0	0	33,622	6,935	40,557
1941.....	*12,632	⁸ 14,898	27,530	0	0	0	27,530	9,130	36,660
1942.....	*6,555	*19,938	26,493	0	0	0	26,493	6,900	33,393
1943.....	*11,942	*28,337	40,279	0	0	0	40,279	10,835	51,114
1944.....	*19,010	*28,197	47,207	54,358	40,233	94,591	141,798	9,398	151,196
1945.....	*226,135	*79,727	305,862	46,878	35,489	82,367	388,229	12,834	401,063
1946.....	⁷ 142,656	⁸ 164,986	307,642	47,167	31,883	79,050	386,692	6,650	393,342
1947.....	⁹ 207,360	¹⁰ 133,098	340,458	97,328	41,461	138,789	479,247	1,066	480,313
1948.....							600,471	2,745	503,216

NOTE.—Asterisk (*) indicates imports and exports from reports of the Department of Commerce. Figures for the Army Civilian Supply Program are from the National Military Establishments.

¹ Includes flour expressed in wheat equivalent.

² Classified as "unfit for human consumption" or imported for special feeding programs.

³ Includes some flour imported in bond for reexport, which for 1939–40 was 214,000 bushels and in 1940–41 was 170,000 bushels.

⁴ Includes wheat and wheat products used for livestock and poultry feed, imported duty-free by the Commodity Credit Corporation.

⁵ Usually all from imported wheat, although in some years small quantities of United States wheat were added.

⁶ 14,076,000* plus 822,000 unreported exports to British Services.

⁷ 131,298,000* plus 11,358,000 unreported January–June 1947 exports to Germany financed by the United Kingdom.

⁸ 154,391,000* plus 10,595,000 unreported January–June 1947 exports to Germany financed by the United Kingdom.

⁹ 304,683,000* minus the included Army Civilian Supply Program of 97,328,000.

¹⁰ 174,559,000* minus the included Army Civilian Supply Program of 41,461,000.

Bureau of Agricultural Economics.

TABLE 12.—Wheat: Supply and distribution, United States, 1939-48

Year beginning July—	SUPPLY						New crop	Imports ²	Total supply
	Old-crop carryover, July 1								
	Farm	Interior mill, elevator, and warehouse	Terminal market	Merchant mill	C.C.C. wheat in transit ¹	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939	88,016	36,842	64,103	61,054	-----	250,015	741,210	263	891,488
1940	79,572	35,312	84,187	80,650	-----	279,721	814,646	3,523	1,097,890
1941	86,675	73,789	142,671	81,598	-----	384,733	841,970	3,664	1,330,367
1942	162,722	142,368	224,441	96,837	4,409	630,777	969,381	1,057	1,601,215
1943	189,574	103,804	162,151	104,378	58,990	618,897	843,813	136,360	1,599,070
1944	103,622	30,332	82,912	67,308	32,381	316,555	1,060,111	42,347	1,419,013
1945	87,703	42,129	67,185	58,463	23,700	279,180	1,108,224	1,998	1,389,402
1946	41,606	8,376	29,917	12,838	7,351	100,088	1,153,046	57	1,259,191
1947	40,477	10,116	8,129	24,591	500	83,813	1,367,186	190	1,451,129
1948 ³	94,511	30,645	34,065	34,240	2,530	195,991	1,288,406	1,517	1,485,914

DISTRIBUTION ⁴

Year beginning July—	Continental United States disappearance						Military procurement ⁸	Exports				Shipments ⁽¹⁰⁾	Total disappearance ¹¹
	Pro-cessed for food ⁵	Seed	Indus-trial ⁶	Feed ⁷	Total	Wheat		Flour ⁹	Other prod-ucts	Total ⁹			
											1,000 bushels		
1939	475,352	72,946	89	115,041	663,428	-----	23,636	21,232	-----	44,868	3,471	711,767	
1940	478,506	74,351	101	122,746	675,704	-----	10,810	22,809	-----	33,619	3,834	713,157	
1941	471,084	62,490	1,614	116,348	651,536	16,133	12,632	14,884	343	27,859	4,064	699,592	
1942	502,418	65,487	54,342	298,407	920,654	25,244	6,553	22,828	1,475	30,856	5,562	982,316	
1943	491,600	77,351	107,527	497,846	1,174,324	62,759	11,943	28,319	2,077	42,339	3,093	1,282,515	
1944	477,668	80,373	82,295	296,369	936,705	150,146	19,010	27,585	2,182	48,777	4,205	1,139,833	
1945	467,054	82,011	20,971	304,333	874,369	90,884	226,137	86,793	6,726	319,656	4,405	1,289,314	
1946	477,341	86,498	-----	181,757	745,596	92,452	154,013	169,680	3,492	327,185	4,145	1,169,378	
1947	486,348	90,746	700	185,912	763,706	146,436	207,360	126,749	6,666	340,775	4,221	1,255,138	
1948 ³	480,600	91,337	81	117,220	689,238	173,110	232,413	93,342	1,301	327,056	3,238	1,192,642	

¹ Includes C.C.C. stocks stored in steel and wood bins, 1942-45.² Imports include full-duty wheat, wheat imported for feed, and dutiable flour in terms of wheat. They exclude wheat imported for milling in bond and export as flour; also flour free for export, which for 1939-40 was 214,000 bushels and in 1940-41 was 170,000 bushels.³ Preliminary.⁴ Includes flour and other products in terms of wheat.⁵ Food use is computed as follows: Total grind less exports and shipments of flour and other wheat products, less military procurement, plus estimated breakfast food produced outside the flour-milling industry, plus dutiable imports of flour.⁶ Quantity of wheat ground into granular flour for alcohol production.⁷ Balancing item; roughly approximates total used as feed, including that used in commercial feeds as well as that fed on farms.⁸ Includes procurement for both civilian relief feeding and for military food use; military takings for civilian feeding in occupied areas measured at time of procurement and not at time of shipment overseas. Total procurement more reliable than exports reported under Army Civilian Supply Program.⁹ Exports are of wheat and of flour made wholly of U. S. wheat. Exports as here used, in addition to commercial exports, include U.S.D.A. flour procurement as distinct from U.S.D.A. deliveries for export. They exclude exports under the Army Civilian Supply Program.¹⁰ Shipments are to Alaska, Hawaii, Puerto Rico, and Virgin Islands; partly estimated. For the war years, U.S.D.A. shipments for stockpiling in the Territories have been added to reported Census totals.¹¹ Total disappearance, plus year-end carryover, account for total supply.

Bureau of Agricultural Economics. Foreign trade figures from reports of the Department of Commerce and Department of Agriculture. Military procurement figures from the National Military Establishments.

TABLE 13.—*Wheat: Receipts graded by licensed inspectors, by classes and grades, United States, 1943-47, and total all classes, 1938-47*

Class and year beginning July—	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	Percentage grading No. 2 or better
Hard red spring:	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Percent</i>
1943.....	351,499	75,525	44,008	11,616	4,044	13,508	500,200	85
1944.....	202,028	77,161	54,686	21,595	10,488	30,148	396,106	70
1945.....	280,898	64,070	42,487	8,362	3,172	4,265	403,254	85
1946.....	153,691	43,917	16,911	4,676	1,604	2,132	222,931	89
1947.....	154,543	43,451	33,744	13,789	1,549	2,270	249,346	79
Durum:								
1943.....	9,206	14,646	5,185	2,070	1,523	1,420	34,050	70
1944.....	3,482	6,262	4,357	3,391	3,514	4,914	25,920	37
1945.....	10,283	8,931	2,784	957	500	508	23,963	80
1946.....	14,109	12,800	1,929	449	111	190	29,588	91
1947.....	21,803	22,304	3,720	637		306	48,993	90
Red durum:								
1943.....	576	726	510	254	107	193	2,366	55
1944.....	879	777	350	130	50	188	2,374	70
1945.....	1,177	957	555	224	158	335	3,406	62
1946.....	1,054	612	302	124	64	145	2,301	72
1947.....	1,183	1,598	170	51	41	137	3,180	87
Hard red winter:								
1943.....	276,898	140,348	25,821	4,101	988	7,172	455,328	92
1944.....	262,215	143,373	63,637	32,155	10,479	11,167	523,026	78
1945.....	382,111	217,471	69,754	15,570	4,717	22,930	712,553	84
1946.....	464,783	143,918	35,714	7,930	3,770	20,849	676,964	90
1947.....	702,920	186,828	30,270	7,978	2,888	18,158	949,042	94
Soft red winter:								
1943.....	3,396	7,204	6,464	3,898	1,815	1,724	24,501	43
1944.....	20,659	32,903	6,490	1,522	421	651	62,646	86
1945.....	6,428	48,854	27,183	2,351	285	3,514	88,615	62
1946.....	15,618	39,237	10,440	1,173	239	2,408	69,115	79
1947.....	8,278	38,413	26,476	8,267	3,313	10,883	95,630	49
White:								
1943.....	50,565	21,165	2,784	504	156	684	75,858	95
1944.....	44,752	21,454	1,841	737	308	484	69,636	95
1945.....	37,409	50,515	11,697	1,447	256	920	102,244	86
1946.....	65,329	23,392	3,316	577	154	740	93,508	95
1947.....	43,100	35,526	7,580	815	213	716	87,950	89
Mixed:								
1943.....	6,482	3,611	3,507	1,080	408	838	15,926	63
1944.....	8,031	8,966	3,604	1,242	701	907	23,451	72
1945.....	5,888	10,604	7,665	1,675	432	1,545	27,809	59
1946.....	10,253	11,998	3,139	972	348	1,324	28,034	79
1947.....	16,610	13,371	6,400	1,470	465	937	39,253	76
Total:								
1938.....	251,821	261,636	161,206	76,038	32,423	16,502	799,626	64
1939.....	214,590	222,058	131,722	27,470	6,585	10,995	613,420	71
1940.....	297,491	201,855	94,044	31,307	12,300	14,380	652,277	76
1941.....	236,623	223,161	122,776	44,666	14,774	23,751	665,751	69
1942.....	395,830	284,876	105,778	24,434	8,808	22,799	842,525	81
1943.....	698,622	263,225	88,279	23,523	9,041	25,539	1,108,229	87
1944.....	542,046	290,896	134,965	60,772	26,021	48,459	1,103,159	76
1945.....	724,194	401,402	162,125	30,586	9,520	34,017	1,361,844	82
1946.....	724,837	275,874	71,751	15,901	6,290	27,788	1,122,441	89
1947.....	948,437	341,491	108,360	33,007	8,692	33,407	1,473,394	88

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,500 bushels per car for the years 1938-43 and 1,650 bushels for 1944-47.

TABLE 14.—Wheat and wheat flour: Average price, selected markets and grades, 1939-48

Year beginning July—	Wheat, per bushel											Flour, per 100 pounds	
	Portland, Oregon, No. 1 Soft White	Minneapolis, No. 1 Dark Northern Spring	Minneapolis, No. 2 Hard Amber Durum	St. Louis No. 2 Red Winter	Kansas City, No. 2 Hard Winter	Chicago, No. 2 Hard Winter	New York, No. 2 Hard Winter	6 markets, all classes and grades ²	Winnipeg, Canadian, No. 2 Northern Manitoba	Buenos Aires, Argentine No. 2 semihard	Sydney, Australian milling	Kansas City, Hard Winter wheat, short patents	Minneapolis, Spring wheat, standard patents
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Dollars	Dollars
1939.....	80	97	92	75	74	78	112	86.0	67	60	53	2.76	2.80
1940.....	76	90	92	82	82	85	106	84.3	65	57	64	2.74	2.41
1941.....	96	110	116	110	112	109	139	109.3	66	55	64	3.32	3.01
1942.....	118	129	131	134	126	126	154	126.0	81	55	64	3.60	3.13
1943.....	145	155	156	167	145	151	182	152.6	³ 119	61	⁴ 74	4.26	3.31
1944.....	151	159	164	158	156	160	189	157.1	130	72	97	4.21	3.34
1945.....	163	171	175	168	160	167	199	165.9	138	124	160	4.33	3.34
1946.....	202	234	232	216	209	210	250	223.6	⁵ 232	-----	218	6.21	5.62
1947.....	250	288	289	245	⁶ 252	247	283	275.7	286	-----	307	6.96	6.56
1948.....	220	237	235	219	⁶ 219	225	250	227.1	227	-----	⁷ 252	6.17	5.55

¹ Prior to June 1940 quoted as Soft White.

² Markets are Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Duluth.

³ Export price to the United States and neutral countries from Oct. 19, 1943, to July 31, 1946.

⁴ Beginning July 1943, export price, f.o.b. port, bulk.

⁵ Beginning August 1946, commercial sales to countries other than the United Kingdom.

⁶ No. 2 Hard and Dark Hard Winter.

⁷ Basic export selling price of the Australian Wheat Board.

Bureau of Agricultural Economics. Compiled from following sources: Northwestern Daily Produce News; Bureau of Labor Statistics Wholesale Price Bulletins; reports of the Production and Marketing Administration; New York Journal of Commerce; Broomhall's Yearbook and Corn Trade News; Canadian Grain Statistics; Revista de la Bolsa de Cereales, La Nacion, Buenos Aires, weeklies; Statistical Register of New South Wales, annual; Summary of the Australian Wheat Situation, and from trade papers published at various markets. Wheat prices at Minneapolis, St. Louis, Kansas City, and Chicago are weighted averages. Foreign prices are compiled in original currencies and units. Prices converted to cents per bushel of 60 pounds at current monthly rates of exchange as reported by the Federal Reserve Board (beginning July 8, 1946, Canadian prices converted at par). For earlier prices, see the 1928, 1930, and 1934 Yearbooks, tables 22, 25, and 18, and Agricultural Statistics, 1937 and 1939, tables 19 and 24.

TABLE 15.—Wheat futures: Volume of trading by contract markets, 1939-48

Year beginning July—	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	Duluth Board of Trade	Milwaukee Grain Exchange	Seattle Grain Exchange	Total
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1939.....	6,849.9	208.1	539.2	717.2	50.8	7.3	2.4	18,375.0
1940.....	3,736.2	116.9	390.8	497.9	35.7	3.6	2.7	14,783.9
1941.....	2,810.2	95.7	497.4	377.7	42.6	2.6	4.7	13,831.0
1942.....	1,754.3	60.0	503.5	346.1	34.5	1.8	3.0	2,703.2
1943.....	1,761.9	38.1	482.8	332.0	24.2	1.6	1.1	2,641.7
1944.....	1,872.2	41.5	244.1	262.6	1.6	1.7	1.3	2,425.0
1945.....	1,155.2	21.1	92.3	202.5	.1	.6	2.2	1,474.0
1946.....	1,856.3	82.4	107.0	274.6	(²)	1.5	.6	2,322.4
1947.....	4,385.0	141.6	424.9	811.0	-----	1.2	4.4	5,768.1
1948.....	3,294.1	109.4	453.6	652.6	-----	1.2	4.0	4,514.9

¹ Includes 0.1 million bushels for the Portland Grain Exchange.

² Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 16.—Wheat futures: Annual average of month-end open contracts, by contract markets, 1939-48

Year beginning July—	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Kansas City Board of Trade	Duluth Board of Trade	Milwaukee Grain Exchange	Seattle Grain Exchange	Total ¹
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1939-----	87.4	0.8	12.1	18.1	1.6	0.2	0.2	120.4
1940-----	52.9	.5	9.0	15.4	1.1	.1	.2	79.2
1941-----	42.2	.4	15.6	11.0	1.8	.1	.3	71.4
1942-----	36.7	.4	15.5	13.1	1.1	.1	.3	67.2
1943-----	40.0	.4	12.2	11.9	.9	(²)	.1	65.5
1944-----	44.6	.4	5.4	9.3	.1	(²)	.1	59.9
1945-----	38.7	.3	2.8	9.5	(²)	(²)	.1	51.4
1946-----	27.7	.3	2.3	7.8	(²)	(²)	(²)	38.1
1947-----	69.4	.6	7.1	16.6	(²)	(²)	.3	94.0
1948-----	61.4	.6	7.4	20.9	(²)	(²)	.3	90.6

¹ Includes open contracts of less than 50,000 bushels for the Portland Grain Exchange for the years 1939 through 1942.

² Less than 50,000 bushels.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 17.—Wheat futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1939-48

Year beginning July—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
1939-----	Cents 113	Apr. 22-----	1940 May-----	Cents 60 ³ / ₈	July 24-----	1939 Sept.
1940-----	109 ¹ / ₂	June 27-----	1941 Dec-----	66 ⁷ / ₈	Aug. 16-----	1940 Sept.
1941-----	137 ³ / ₄	Jan. 27-----	1942 Sept-----	100 ⁷ / ₂	July 21-----	1941 July
1942-----	153 ³ / ₄	Mar. 4-----	1943 Dec-----	114 ⁷ / ₈	July 20-----	1942 July
1943-----	173 ³ / ₈	(¹)	1944 May-----	142 ³ / ₈	Aug. 16-----	1943 Sept.
1944-----	177 ⁵ / ₈	Mar. 7 and 8----	1945 Mar-----	136	Sept. 7-----	1945 July
1945-----	198 ¹ / ₂	(²)	(³)	150 ¹ / ₂	Aug. 21-----	1946 July
1946-----	305	Mar. 18-----	1947 Mar-----	169 ³ / ₄	Nov. 30-----	1947 July
1947-----	320 ¹ / ₄	Nov. 28-----	1947 Dec-----	207 ³ / ₂	Aug. 11-----	1948 July
1948-----	243 ¹ / ₂	Dec. 22-----	1948 Dec-----	178 ¹ / ₄	Feb. 9-----	1949 July

¹ Jan. 10, Mar. 24 to May 13 inclusive, and May 17, 20, and 22.

² On several dates in May and June.

³ 1946 July, Aug., Sept., Nov., Dec., and 1947 Mar.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade.

Data for 1929-38 in Agricultural Statistics, 1944, table 16. Highest and lowest prices during the period July 1, 1909, through June 30, 1949: High, \$3.25, May future, May 11, 1917; low, \$0.41¹/₂, December future, Nov. 25, 1932.

TABLE 18.—*Rye: Acreage, production, value, and foreign trade, United States, 1929-48*

Year	Acreage seeded for all purposes, in preceding fall ¹	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel of No. 2 rye at Minneapolis, year beginning July ²	Foreign trade, including flour and malt, year beginning July ³		
								Domestic exports	Imports	Net exports ⁴
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929		3,033	11.3	34,303						
1929		3,138	11.3	35,411	85.7	30,353	90	2,600	1	2,599
1930		3,646	12.4	45,383	44.4	20,165	51	227	88	139
1931	5,345	3,159	10.4	32,777	34.1	11,175	42	909	1	908
1932	5,401	3,350	11.7	39,099	28.0	10,952	41	318	14	304
1933	4,714	2,405	8.6	20,573	62.7	12,907	69	21	12,063	⁵ 12,042
1934		1,914	8.6	16,234						
1934	5,453	1,921	8.5	16,285	72.0	11,731	81	(⁶)	11,379	⁵ 11,379
1935	6,210	4,066	14.0	56,938	39.8	22,677	50	9	2,334	⁵ 2,325
1936	6,446	2,694	9.0	24,239	81.2	19,686	97	248	4,018	⁵ 3,770
1937	7,235	3,825	12.8	48,862	68.6	33,517	74	6,578	14	6,564
1938	6,654	4,087	13.7	55,984	33.8	18,928	44	784	1	783
1939		3,556	10.1	35,844						
1939	7,206	3,822	10.1	38,562	43.9	16,935	56	732	(⁶)	732
1940	5,514	3,204	12.4	39,725	⁷ 42.0	16,679	51	245	1,392	⁵ 1,147
1941	6,142	3,573	12.3	43,878	⁷ 54.2	23,766	65	23	8,758	⁵ 8,735
1942	6,371	3,792	14.0	52,929	⁷ 60.3	31,934	73	15	1,490	⁵ 1,475
1943	5,311	2,652	10.8	28,680	⁷ 98.2	28,173	108	110	8,336	⁵ 8,226
1944		2,023	10.6	21,349						
1944	4,415	2,132	10.6	22,525	⁷ 109.0	24,597	122	1,747	4,146	⁵ 2,399
1945	4,159	1,856	12.9	23,952	135.0	32,430	172	6,165	1,996	4,169
1946	3,396	1,607	11.7	18,879	192.0	36,169	255	573	1,641	⁵ 1,068
1947	3,704	2,010	12.9	25,975	226.0	58,731	265	2,247	41	2,206
1948 ⁸	3,790	2,097	12.6	26,388	144.0	37,934	157			

¹ Estimates of seeded acreage relate to the total acreage of rye sown for all purposes. Includes rye sown in the spring of year shown.

² Prices are from Minneapolis Daily Market Record and are averages of daily prices weighted by carlot sales.

³ Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Rye—imports for consumption. Rye flour—imports for consumption; no exports reported since December 1932. Rye flour converted to rye on the basis that 1 barrel of rye flour is the product of 6 bushels of grain through 1943; beginning 1944 one barrel of flour is the product of 4.6 bushels of grain. Rye malt, no exports reported. Imports not separately reported prior to 1930. Converted to bushels of rye on basis that 1 bushel malt is the product of 1.1 bushel of grain through 1942. Beginning 1943, a bushel of malt equals a bushel of grain.

⁴ Domestic exports minus imports for consumption.

⁵ Net imports.

⁶ Less than 500 bushels.

⁷ Includes an allowance for unredeemed loans at average loan value.

⁸ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 19.—Rye: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1935-39 and 1940-44, annual 1946-48¹.

Continent and country	Acreage ¹					Yield per acre ²					Production				
	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:															
Canada.....	816	911	715	1,156	2,103	11.3	14.5	12.3	11.4	12.0	9,191	13,222	8,811	13,217	25,340
United States.....	3,699	3,071	1,607	2,010	2,097	12.1	12.2	11.7	12.9	12.6	44,917	37,547	18,879	25,975	26,388
Total.....	4,515	3,982	2,322	3,166	4,200						54,108	50,769	27,690	39,192	51,728
Europe:															
Austria.....	881	672	620	596	640	23.4	19.9	19.0	19.1	20.3	20,611	13,399	11,800	11,400	13,000
Belgium.....	369	361	287	230	235	38.8	36.5	36.6	37.8	40.4	14,319	13,160	10,500	8,700	9,500
Bulgaria.....	635	453	500	746		17.6	11.9	17.0			11,150	5,372	8,500		
Czechoslovakia.....	2,350		2,160	2,100	1,797	26.0		25.5			61,000		55,000		
Denmark.....	354	467	343	259	418	28.2	32.2	32.9	27.3	37.7	9,973	15,032	11,289	7,059	15,747
Finland.....	500	426	366	387	356	24.6	18.7	19.7	20.9	22.1	12,300	7,946	7,200	8,100	7,858
France.....	1,614	1,175	1,150	1,170	1,360	18.6	15.9	17.0	15.1	17.8	30,013	18,700	19,500	17,700	24,200
Germany.....	7,035					29.1					205,000				
Greece.....	163	140	133	158	125	13.8	11.4	14.8	10.8	14.4	2,244	1,591	1,970	1,700	1,800
Hungary.....	1,685	1,522	1,122	1,256		18.5	18.3	14.9	13.9		29,354	27,912	16,701	17,600	
Italy.....	255	251	255	250	260	21.9	21.1	17.6	17.2	19.2	5,584	5,306	4,500	4,300	5,000
Luxembourg.....	18	21	15	13	15	25.7	22.3	25.7	21.2	28.7	462	468	386	275	400
Netherlands.....	560	675	556	448	454	36.4	29.7	32.3	27.9	33.1	20,394	20,031	17,945	12,606	15,046
Norway.....	13	9	6	4	5	31.2	21.9	32.5	25.0	35.0	405	197	197	100	175
Poland.....	13,425					21.2					284,000				
Portugal.....	620		707	704	701	8.9		8.2	8.5	7.3	5,500		5,799	5,956	5,141
Rumania.....	640	530				15.6	13.4				10,000	7,100			
Spain.....	1,415	1,550	1,525	1,550	1,550	13.6	11.0	13.1	11.0	11.6	19,205	17,000	20,000	17,000	18,000
Sweden.....	495	518	387	285	395	30.0	26.7	29.4	19.7	31.4	14,828	13,816	11,384	5,614	12,401
Switzerland.....	38	34	37	31	28	33.2	35.0	30.6	31.5	30.9	1,260	1,190	1,134	976	866
United Kingdom.....	16	73	55	36	61	24.9	29.0	28.4	24.4	29.5	398	2,120	1,560	880	1,800
Yugoslavia.....	633	595				13.4	12.9				8,500	7,675			
Estimated total ⁶	33,630	31,050	26,430	27,440	29,560						767,000	680,000	510,000	490,000	660,000
U.S.S.R. (Europe and Asia).....	60,800			73,000	73,000	14.6			13.0	12.7	885,000			950,000	925,000
Other countries:															
Turkey.....	939	1,080	988	1,046	1,070	15.2	13.9	18.4	14.3	14.5	14,301	15,117	18,200	15,000	15,500
Argentina.....	1,078	938	2,084	1,731	1,000	9.1	10.7	10.4	11.9	9.0	9,771	10,061	21,731	20,515	9,000
Union of South Africa.....	717	170	191	191		6.8	4.9	7.1	8.4		794	830	1,349	1,604	
Estimated world total ⁶	101,230	94,420	102,160	106,720	109,160						1,733,000	1,500,000	1,380,000	1,520,000	1,665,000

¹ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1948 is combined with the Southern Hemisphere harvest which began late in 1948 and ended early in 1949.

² Figures refer to harvested areas as far as possible.

³ Yield per acre calculated from acreage and production data shown except for incomplete periods.

⁴ Preliminary.

⁵ Figure for 1935 only.

⁶ Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

⁷ Average of less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 20.—*Rye: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948*

State and division	Acreage seeded ¹			Acreage harvested			Production			Price for crop of—		
	Crops of 1937-46	Crop of 1947	Crop of 1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46 ⁽³⁾	1947	1948 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
New York.....	66	70	73	17	15	18	296	342	228	98	227	167
New Jersey.....	95	89	85	16	15	13	270	270	232	103	209	155
Pennsylvania.....	70	28	21	51	18	16	746	279	228	95	198	161
North Atlantic....	231	187	179	84	48	47	1,311	834	802	97.3	211	162
Ohio.....	108	77	67	53	30	20	872	510	360	88	222	162
Indiana.....	224	143	150	108	60	64	1,411	840	928	86	213	162
Illinois.....	148	104	113	68	47	61	874	658	946	83	227	168
Michigan.....	132	126	139	77	70	80	1,022	1,120	1,280	87	225	142
Wisconsin.....	245	109	112	172	87	92	2,069	1,000	1,104	88	233	145
Minnesota.....	354	189	278	290	164	239	4,180	2,460	3,466	84	237	137
Iowa.....	116	28	36	51	15	18	876	225	279	82	230	146
Missouri.....	134	100	120	44	36	40	524	468	600	96	224	171
North Dakota.....	754	360	479	578	323	388	6,765	4,522	4,656	79	232	128
South Dakota.....	783	410	476	545	347	392	6,681	4,858	4,704	79	231	131
Nebraska.....	679	440	352	371	288	225	4,138	2,592	2,250	78	223	135
Kansas.....	185	136	90	85	57	34	912	627	391	80	220	147
North Central....	3,864	2,222	2,412	2,440	1,524	1,653	30,314	19,880	20,964	80.8	229	138
Delaware.....	24	32	33	13	19	20	170	238	230	104	213	154
Maryland.....	54	60	58	18	19	21	255	276	273	103	210	159
Virginia.....	132	126	122	40	27	32	508	392	480	109	206	164
West Virginia.....	13	8	6	6	3	2	66	36	26	102	194	174
North Carolina....	175	145	117	43	24	22	422	336	275	135	265	228
South Carolina....	66	49	40	18	12	9	167	138	76	153	252	257
Georgia.....	58	27	26	17	6	6	130	54	60	151	269	259
South Atlantic....	521	447	402	154	110	112	1,719	1,470	1,420	121	228	183
Kentucky.....	119	141	130	22	37	28	285	518	420	104	221	195
Tennessee.....	157	98	100	39	26	30	380	273	330	118	225	205
Oklahoma.....	229	115	108	86	48	36	787	480	342	81	215	170
Texas.....	36	70	84	16	35	30	152	350	210	82	203	166
South Central....	541	424	422	162	146	124	1,604	1,621	1,302	94.3	216	186
Montana.....	66	60	45	36	39	30	434	507	405	76	218	114
Idaho.....	16	10	10	6	5	4	80	85	52	84	202	139
Wyoming.....	38	28	27	18	7	7	186	77	49	78	208	126
Colorado.....	130	78	58	73	47	35	741	470	280	76	217	128
New Mexico.....	11	7	7	8	5	5	78	58	55	77	210	166
Utah.....	14	16	13	7	8	7	68	80	70	90	203	169
Washington.....	52	50	48	20	16	18	239	168	234	86	216	165
Oregon.....	131	145	135	36	40	38	496	560	551	88	203	137
California.....	27	30	32	11	15	17	129	165	204	90	209	147
Western.....	484	424	375	215	182	161	2,450	2,170	1,900	80.2	211	137
United States....	5,640	3,704	3,790	3,055	2,010	2,097	37,398	25,975	26,388	83.7	226	144

¹ Estimates of seeded acreage relate to the total acreage of rye sown for all purposes. Includes rye sown in the spring of year shown.

² Preliminary.

³ For certain years, prices include an allowance for unredeemed loans at average loan value.

Bureau of Agricultural Economics.

TABLE 21.—*Rye: Production and farm disposition, United States, 1939-48*

Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	38,662	7,378	3,662	16,111	189	18,600
1940.....	39,725	8,079	3,394	16,242	163	19,926
1941.....	43,878	8,283	3,650	16,528	155	23,545
1942.....	52,929	6,841	3,294	20,673	168	28,794
1943.....	28,680	5,753	2,517	13,729	96	12,338
1944.....	22,525	5,429	2,166	8,602	64	11,693
1945.....	23,952	4,454	1,894	6,354	52	15,652
1946.....	18,879	4,897	1,829	3,823	39	13,188
1947.....	25,975	5,076	2,148	4,244	35	19,548
1948 ¹	26,388	4,548	2,048	5,169	32	19,139

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 22.—*Rye: Production and farm disposition, by States, crop of 1947*

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
New York.....	285	131	33	88	1	163
New Jersey.....	270	153	35	54	.....	181
Pennsylvania.....	279	34	18	223	3	35
Ohio.....	510	94	26	158	2	324
Indiana.....	840	195	70	218	.....	552
Illinois.....	658	158	40	112	.....	506
Michigan.....	1,120	208	83	392	.....	645
Wisconsin.....	1,000	179	107	350	8	535
Minnesota.....	2,460	473	232	123	4	2,101
Iowa.....	225	58	15	22	.....	188
Missouri.....	468	168	45	126	1	296
North Dakota.....	4,522	623	330	90	2	4,100
South Dakota.....	4,858	619	347	97	2	4,412
Nebraska.....	2,592	422	232	570	1	1,789
Kansas.....	627	99	45	176	.....	406
Delaware.....	238	50	28	29	.....	181
Maryland.....	276	93	35	97	2	142
Virginia.....	392	171	50	141	2	199
West Virginia.....	36	9	3	25	1	7
North Carolina.....	336	140	42	118	4	172
South Carolina.....	138	48	14	26	.....	98
Georgia.....	54	31	6	11	.....	37
Kentucky.....	518	182	36	93	.....	389
Tennessee.....	273	130	32	87	.....	154
Oklahoma.....	480	119	48	120	.....	312
Texas.....	350	84	34	88	.....	228
Montana.....	507	45	22	101	.....	384
Idaho.....	85	12	4	42	.....	39
Wyoming.....	77	24	6	38	.....	33
Colorado.....	470	52	31	141	.....	298
New Mexico.....	58	6	3	12	.....	43
Utah.....	80	18	9	40	1	30
Washington.....	168	58	16	42	.....	110
Oregon.....	560	148	52	112	1	395
California.....	165	42	19	82	.....	64
United States.....	25,975	5,076	2,148	4,244	35	19,548

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 23.—*Rye: Production and farm disposition, by States, crop of 1948*¹

State	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	342	135	38	106	1	197
New Jersey.....	228	158	35	41	-----	152
Pennsylvania.....	232	26	18	190	2	22
Ohio.....	360	94	23	162	1	174
Indiana.....	928	214	75	288	-----	565
Illinois.....	946	172	52	189	-----	705
Michigan.....	1,280	246	96	550	-----	634
Wisconsin.....	1,104	190	114	607	8	375
Minnesota.....	3,466	332	242	173	3	3,048
Iowa.....	279	80	16	42	-----	221
Missouri.....	600	202	50	168	1	387
North Dakota.....	4,656	342	267	140	2	4,247
South Dakota.....	4,704	464	325	376	2	4,001
Nebraska.....	2,250	380	190	652	1	1,407
Kansas.....	391	59	27	145	-----	219
Delaware.....	230	45	27	28	-----	175
Maryland.....	273	104	38	150	2	83
Virginia.....	480	186	58	163	2	257
West Virginia.....	26	9	2	20	1	3
North Carolina.....	275	139	39	96	4	136
South Carolina.....	76	42	11	20	-----	42
Georgia.....	60	30	7	11	-----	298
Kentucky.....	420	190	38	84	-----	196
Tennessee.....	330	136	38	96	-----	215
Oklahoma.....	342	107	41	86	-----	128
Texas.....	210	100	30	52	-----	308
Montana.....	405	30	16	81	-----	21
Idaho.....	52	18	5	26	-----	5
Wyoming.....	49	22	5	39	-----	173
Colorado.....	280	41	23	84	-----	41
New Mexico.....	55	5	3	11	-----	27
Utah.....	70	15	7	35	1	156
Washington.....	234	50	22	56	-----	390
Oregon.....	551	143	50	110	1	92
California.....	204	42	20	92	-----	32
United States.....	26,388	4,548	2,048	5,169	32	19,139

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 24.—*Rye: Stocks on and off farms, United States, 1939-48*

Year beginning October—	On farms				Off farms ¹			
	Oct. 1	Jan. 1	Apr. 1	July 1 ²	Oct. 1	Jan. 1	Apr. 1	July 1 ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	31,000	21,000	14,500	10,100	-----	-----	-----	-----
1940.....	31,500	24,500	19,000	13,100	-----	-----	-----	-----
1941.....	35,000	22,400	16,400	12,100	-----	-----	-----	-----
1942.....	42,000	30,500	21,800	15,300	-----	-----	28,494	31,814
1943.....	21,500	13,500	8,325	5,000	31,475	28,608	27,294	25,985
1944.....	13,959	9,250	5,668	3,030	19,609	16,340	13,790	9,136
1945.....	12,961	6,550	2,989	1,150	8,033	6,765	4,492	1,227
1946.....	9,829	4,000	1,700	600	3,339	4,504	3,383	1,746
1947.....	13,475	7,200	4,436	1,700	8,152	7,234	3,700	1,653
1948 ³	14,189	8,700	5,454	3,282	9,749	8,534	4,408	4,988

¹ Includes stocks in interior mills, elevators, and warehouses, merchant mills, and commercial stocks at terminals.² Includes old crop only.³ Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms for October and April begin in 1939. Data for January and July, 1934-38, in Agricultural Statistics, 1945, table 25.

TABLE 25.—*Rye: Supply and distribution, United States, 1939-48*

Year beginning July—	Stocks, July 1 ¹	Production	Imports	Total supply	Domestic disappearance					Exports ³
					Food ²	Feed	Seed	Spirits and alcohol	Total	
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	21,904	38,562	(⁴)	60,466	7,018	20,136	7,378	5,596	40,128	732
1940.....	19,606	39,725	1,392	60,723	7,134	19,847	8,079	6,679	41,739	245
1941.....	18,739	43,878	8,758	71,375	7,824	19,250	8,283	6,861	42,218	23
1942.....	29,134	52,929	1,490	83,553	8,335	27,229	6,841	2,089	44,494	450
1943.....	47,114	28,680	8,314	84,108	8,734	33,532	5,753	4,510	52,529	594
1944.....	30,985	22,525	4,145	57,655	7,777	18,776	5,429	10,363	42,345	3,144
1945.....	12,166	23,952	1,996	38,114	6,695	9,163	4,454	8,316	28,628	7,109
1946.....	2,377	18,879	1,641	22,897	5,514	5,332	4,897	4,235	19,978	573
1947.....	2,346	25,975	41	28,362	5,644	5,058	5,076	6,589	22,367	2,642
1948 ⁵	3,353	26,388	6,794	36,535	5,600	5,971	4,548	6,715	22,834	5,431

¹ 1939-42, farm and commercial stocks, only. Beginning in 1943, the figures also include interior mill and elevator stocks.

² Estimates based on trade information related to the Census of 1939.

³ Period 1942-43 to 1948-49 includes rye and flour (rye equivalent) used by military services for civilian relief abroad, estimated as follows (1,000 bu.): 435; 484; 1,397; 944; 0; 406; and 0. These exports are not included in table 18.

⁴ Less than 500 bushels.

⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 26.—*Rye: Receipts graded by licensed inspectors, by grades, United States, 1938-47*

Year beginning July—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1938.....	9,574	16,185	3,521	537	726	30,543	84
1939.....	6,780	14,288	5,818	789	711	28,386	74
1940.....	5,531	12,633	1,470	270	744	20,648	88
1941.....	8,682	16,128	9,160	3,605	1,589	39,164	63
1942.....	3,418	17,289	9,890	5,604	1,905	38,106	54
1943.....	3,218	17,591	8,962	3,012	1,584	34,367	61
1944.....	3,260	11,982	4,589	2,602	1,545	23,978	64
1945.....	5,689	15,974	3,285	811	1,129	26,888	81
1946.....	4,742	5,807	2,134	200	313	13,196	80
1947.....	9,981	5,957	1,473	208	458	18,077	88

Production and Marketing Administration.

The data which are originally in carloads have been converted to bushels on the basis of 1,500 bushels per car for the years 1938-43 and 1,650 bushels for the years 1944-47.

TABLE 27.—*Rye futures: Volume of trading by contract markets and annual average of month-end open contracts on all markets combined, 1939-48*

Year beginning July—	Volume of trading					Average of open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Milwaukee Grain Exchange	Total	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1939.....	311.0	1.4	95.6	1.3	409.3	15.3
1940.....	206.1	.8	58.2	1.1	266.2	17.1
1941.....	708.6	4.8	74.8	1.8	790.0	25.2
1942.....	1,320.2	43.1	104.6	1.8	1,469.7	39.1
1943.....	2,698.7	169.6	160.3	2.5	3,031.1	46.5
1944.....	3,631.1	254.8	89.1	3.6	3,978.6	46.7
1945 ¹	1,671.9	250.7	38.6	2.3	1,963.5	20.6
1946.....	(¹)	(¹)	² 0.2	(¹)	.2	³ .1
1947.....	(¹)	(¹)	21.1	(¹)	21.1	.8
1948 ⁴	88.0	.5	36.8	.1	125.4	4.1

¹ Trading suspended June 13, 1946.

² Trading resumed on the Minneapolis Grain Exchange, June 16, 1947.

³ One month only.

⁴ Trading resumed on the Chicago Board of Trade and the Chicago Open Board of Trade, July 12, 1948, and on the Milwaukee Grain Exchange, July 15, 1948.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 28.—*Rye futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1939-48*

Year beginning July—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
1939.....	<i>Cents</i> 77 ⁷ / ₈	Dec. 26.....	1940 May.....	<i>Cents</i> 37 ⁷ / ₈	Aug. 30.....	1939 Sept.
1940.....	62 ³ / ₈	June 23.....	1941 Dec.....	36 ¹ / ₈	Aug. 19.....	1940 Sept.
1941.....	98	Jan. 27.....	1942 Sept.....	51 ⁷ / ₈	July 5.....	¹ 1941 July
1942.....	106 ¹ / ₂	June 30.....	1943 Dec.....	59 ³ / ₄	Nov. 4.....	1942 Dec.
1943.....	134 ¹ / ₈	Jan. 7.....	1944 May.....	94 ⁷ / ₈	Aug. 16.....	1943 Sept.
1944.....	159 ³ / ₈	June 19.....	1945 July.....	88 ³ / ₄	Sept. 7.....	1945 July
1945.....	286 ¹ / ₄	May 7.....	1946 May.....	118 ⁷ / ₈	Aug. 21.....	1946 July
1946.....	(²)	.....	.....	(²)	.....	.....
1947.....	(²)	.....	.....	(²)	.....	.....
1948.....	196	July 12.....	1948 Dec.....	115	Feb. 9.....	1949 May
			1949 May.....			

¹ Old contract.

² Trading suspended June 13, 1946, resumed on July 12, 1948.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade.

Data for 1929-38 in Agricultural Statistics, 1944, table 24. Highest and lowest prices during the period August 16, 1913, through June 30, 1949: High, \$2.86 ¹/₄, May future, May 7, 1946; low, \$.26 ¹/₄, December future, Nov. 1 and 3, 1932.

TABLE 29.—*Rice, rough: Acreage, production, and value, United States, 1929-48*

Year	Acreage harvested	Yield per acre	Production	Season average price per bushel received by farmers	Farm value
	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Cents</i>	<i>1,000 dollars</i>
1929.....	860	46.0	39,534	99.8	39,474
1930.....	966	46.5	44,929	78.4	35,214
1931.....	965	46.2	44,613	48.5	21,642
1932.....	874	47.6	41,619	41.8	17,416
1933.....	798	47.2	37,651	77.7	29,248
1934.....	812	48.1	39,047	79.0	30,854
1935.....	817	48.3	39,452	72.2	28,469
1936.....	981	50.8	49,820	83.4	41,567
1937.....	1,099	48.6	53,422	65.8	35,168
1938.....	1,076	48.8	52,606	64.0	33,630
1939.....	1,045	51.7	54,062	72.8	39,348
1940.....	1,069	50.9	54,433	81.2	44,208
1941.....	1,214	42.3	51,323	136.0	69,600
1942.....	1,457	44.4	64,627	163.0	105,082
1943.....	1,472	44.2	65,031	178.0	116,024
1944.....	1,480	46.5	68,830	177.0	121,573
1945.....	1,494	45.6	68,150	179.0	122,190
1946.....	1,574	45.9	72,216	225.0	162,726
1947.....	1,693	46.2	78,259	269.0	210,368
1948 ¹	1,743	46.6	81,170	225.0	182,842

¹ Preliminary.

Bureau of Agricultural Economics. Data for 1899-1928 in Agricultural Statistics, 1942, table 42.

TABLE 30.—*Rice, rough: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948*

State	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Arkansas.....	240	363	379	236	358	376	11,667	17,005	19,740	131	260	210
Louisiana.....	551	616	628	546	613	619	21,403	22,068	23,522	136	258	220
Texas.....	343	474	512	336	474	512	15,588	21,330	23,040	141	281	260
California.....	185	250	238	180	248	236	11,802	17,856	14,868	125	276	200
United States.....	1,319	1,703	1,757	1,298	1,693	1,743	60,460	78,259	81,170	134	269	225

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 31.—Rice, rough: Acreage, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1946-48¹

Continent and country	Acreage					Yield per acre					Production				
	Average		1946	1947 ²	1948 ²	Average		1946	1947 ²	1948 ²	Average		1946	1947 ²	1948 ²
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:															
Costa Rica.....	28	27	33	30	30	33.4	33.9	33.9	31.7	30.6	935	916	1,120	952	918
El Salvador.....	26	45	34			26.9	22.8	40.2			700	1,027	1,368		1,265
Mexico.....	95	155	167	179	183	42.2	34.4	43.1	37.7	40.2	4,007	5,330	6,760	6,752	7,350
Panama.....	60	³ 79	114	128	134	32.0	³ 29.3	23.4	23.3	27.5	1,600	³ 2,318	2,669	2,987	3,691
United States.....	1,004	1,338	1,574	1,693	1,743	49.7	45.5	45.9	46.2	46.6	49,852	60,849	72,216	78,259	81,170
Cuba.....	45	69	107	105	123	21.4	23.0	22.4	27.3	24.4	965	1,587	2,400	2,870	3,000
Dominican Republic.....	80	90	87	77	114	36.3	40.9	45.4	42.1	37.1	2,905	3,683	3,951	3,243	4,229
Total.....	1,425	1,920	2,250	2,412	2,557						63,199	78,958	94,213	100,311	106,301
Europe:															
Bulgaria.....	19	28	14			54.8	52.5	35.7			1,041	1,469	500		
France.....	1	1	2	6	12	30.0	36.0	59.0	40.8	41.7	30	36	118	245	500
Italy.....	362	381	289	327	352	103.9	99.5	90.0	104.9	97.4	37,620	37,900	26,000	34,300	34,300
Portugal.....	47	62	62	64	77	72.3	61.2	49.5	65.1	64.1	3,398	3,795	3,068	4,165	4,165
Spain.....	110	121	125	310	137	⁴ 124.4	95.9	80.6	98.0	97.1	10,600	11,600	10,070	12,740	13,300
Total (excl. U. S. S. R.).....	553	616	524	578	661						53,166	55,610	40,724	54,047	56,436
U. S. S. R. (Europe and Asia).....	³ 384		335			³ 42.3					³ 16,225				
Asia:															
Iran.....	³ 534	580	544	544	544	³ 37.1	36.4	37.8	28.7	39.6	18,577	21,100	50,576	15,607	21,556
Iraq.....	³ 386	479				³ 27.3	31.1				11,176	14,904	14,200	12,740	18,100
Syria.....	2	3	19	20		55.5	61.0	50.7	52.9		111	183	964	1,057	735
Turkey.....	78	66	44	59	59	61.2	59.2	66.8	68.5	76.0	4,774	3,905	2,939	4,042	4,482
Burma.....	12,671	10,650	7,788	9,286	9,921	27.5	25.8	25.0	29.5	26.7	348,534	275,000	194,942	274,310	264,708
China.....	48,853	45,000	45,165	45,373	45,617	⁵ 50.2	48.9	44.9	50.2	51.7	⁵ 2,452,710	2,200,000	2,253,921	2,278,436	2,360,000
Taiwan.....	1,616	1,539	1,435	1,631	1,782	53.0	47.1	41.1	44.0	42.1	85,704	72,505	59,015	71,727	75,000
Manchuria.....	782	975				40.6	35.2				31,783	34,336			
French Indochina.....	14,306	13,000	9,750	10,650	10,000	22.4	21.9	21.5	22.1	22.0	319,910	285,000	210,000	235,000	210,000
India ⁶	⁷ 54,237	55,672	60,987	60,818	61,000	⁷ 25.8	24.6	24.3	24.1	25.4	⁷ 1,399,525	1,369,943	1,484,057	1,463,728	1,550,000
Japan.....	7,862	7,653	7,700	7,830	7,850	75.8	72.7	72.9	70.7	73.4	595,845	556,057	561,076	553,408	576,322
Java and Madura.....	9,794	9,330	8,850	9,000	7,593	32.0	32.6	30.5	30.6	34.4	313,144	304,465	270,000	275,000	260,972
Korea.....	3,838	3,601	⁸ 2,712	⁸ 2,753	⁸ 2,748	61.0	60.4	⁸ 42.3	⁸ 47.9	⁸ 55.9	195,763	181,601	⁸ 114,792	⁸ 131,983	⁸ 153,722
Malayan Union.....	746	790	797	862	900	36.3	31.6	25.5	30.4	34.4	27,099	25,000	26,222	26,207	21,970
Pakistan.....	⁷ 18,702	20,605	20,959	21,036	21,400	⁷ 29.0	27.3	27.7	27.1	27.3	⁷ 542,321	561,708	579,616	569,900	585,000
Philippine Islands.....	4,852	5,265	4,816	5,007	5,267	21.6	20.9	22.4	21.9	22.4	104,877	110,000	107,689	109,782	118,219
Siam.....	7,088	6,750	5,500	6,700	7,100	30.1	29.6	30.9	34.3	35.2	213,079	200,000	170,000	230,000	250,000
Total (excl. U. S. S. R.).....	198,726	196,471	193,781	198,690	199,119						6,988,472	6,580,531	6,488,981	6,717,159	6,954,326

South America:															
Argentina.....	52	91	122	128	128	59.8	62.1	48.6	42.9	45.9	3,112	5,652	5,928	5,497	5,879
Brazil.....	2,323	3,042	4,166	3,756	4,080	28.6	31.3	31.9	29.2	27.0	66,424	95,237	132,779	109,500	110,000
British Guiana.....	70	83	98	107	95	50.8	48.9	50.9	44.5	52.4	3,559	4,055	4,993	4,760	4,976
Chile.....	13	68	80	70	60	99.9	75.9	53.4	62.6	67.3	1,299	5,162	4,274	4,381	4,035
Columbia.....					375					29.0	3,142	5,948	7,410	10,230	10,887
Ecuador.....											3,417	5,948	8,944	6,945	9,100
Paraguay.....	5	12	12	10	20	39.2	35.2	30.6	41.6	42.9	196	422	367	416	857
Peru.....	107	137	114	132	94	42.8	49.0	63.7	76.8	68.3	4,578	6,716	7,261	10,132	6,420
Surinam.....	37	33	40		45	46.0	56.6	62.7			1,703	1,867	2,507	1,889	2,861
Uruguay.....	13	13	25	31	33	66.6	63.6	68.9	58.8	63.5	866	827	1,723	1,824	2,095
Total.....	2,914	3,999	5,339	4,915	5,264						88,926	131,671	177,829	156,900	158,943
Africa:															
Egypt.....	463	600	656	805	816	71.6	60.1	70.1	77.7	78.5	33,135	36,049	45,973	62,533	64,074
French West Africa.....	^a 1,562	1,860	2,510			³ 13.4	13.3	13.7			³ 20,936	24,700	34,300		
Madagascar.....	1,195	1,227	1,430	1,430	1,430	28.3	28.4	24.0	24.0	24.0	33,823	34,851	34,300	34,300	34,300
Sierra Leone.....	340		780	780	780	26.8			17.0	17.0	9,100		13,230	13,230	
Total.....	4,320	5,483	6,810	7,051	7,127						109,816	127,446	154,788	170,692	174,152
Oceania:															
Australia.....	23	30	32	26	32	92.0	82.1	86.8	96.1	81.6	2,117	2,462	2,779	2,498	2,610
Fiji.....	10	22	25	25		43.1	45.7	47.2			431	1,006	1,180		
Total.....	40	72	88	85	92						2,703	3,918	4,739	5,448	4,585
World total.....	208,400	208,600	209,100	214,100	215,300						7,323,000	6,994,000	6,972,000	7,219,000	7,473,000

¹ Crops harvested in Northern Hemisphere countries during the latter part of the year, together with those harvested in Asia principally from November to May, are combined with crops harvested in Southern Hemisphere countries during the first part of the following year. ² Preliminary. ³ Less than 5-year average. ⁴ Average 1930-34. ⁵ Average 1931-37. ⁶ Includes acreage and production

in areas regularly reported only. ⁷ Average 1936-39. ⁸ South Korea only. In the 1935-39 period, production averaged about 150 million bushels.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, and other information.

TABLE 32.—*Rice, rough: Supply and distribution, United States, 1938-47*

Year ¹	Beginning stocks ²	Production	Total supply	Domestic disappearance				Exports and ship-ments	Total disap-earance	Ending stocks ²	Balanc-ing item
				Seed	Feed	Food ³	Milled ⁴				
	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵	1,000 barrels ⁵
1938.....	701	14,585	15,286	691	196	173	13,704	151	14,915	710	-339
1939.....	710	15,017	15,727	721	211	174	13,851	113	15,070	1,044	-387
1940.....	1,044	15,120	16,164	835	224	172	14,122	262	15,615	464	85
1941.....	464	14,256	14,720	1,012	189	172	13,491	63	14,927	47	-254
1942.....	47	17,952	17,999	1,031	184	200	15,725	478	17,618	254	127
1943.....	254	18,064	18,318	991	198	272	15,557	290	17,308	102	908
1944.....	102	19,119	19,221	1,009	188	269	16,475	302	18,243	361	617
1945.....	361	18,931	19,292	1,071	189	400	17,018	275	18,953	329	10
1946.....	329	20,060	20,389	1,142	153	500	17,823	244	19,862	85	-442
1947.....	85	21,739	21,824	1,187	179	500	19,371	498	21,735	72	17

¹ Crop year beginning Aug. 1 in Southern States and Oct. 1 in California.

² Stocks on farms, in country warehouses, and in mills.

³ Used for food on farms where grown and for custom milling for local use.

⁴ Milled by commercial mills.

⁵ A barrel is equivalent to 162 pounds.

Production and Marketing Administration.

TABLE 33.—*Rice, rough: Supply and distribution, southern crop, 1938-47*

Year beginning August	Stocks, August 1			Production	Received from California	Total supply
	On farms and in country warehouses	In mills	Total			
	1,000 barrels ¹	1,000 barrels ¹	1,000 barrels ¹			
1938.....	90	274	364	12,259	0	12,623
1939.....	148	232	380	12,517	0	12,897
1940.....	311	244	555	12,498	13	13,066
1941.....	131	121	252	11,917	25	12,194
1942.....	25	16	41	14,557	1	14,599
1943.....	30	118	148	14,020	52	14,220
1944.....	41	38	79	14,953	5	15,037
1945.....	267	85	352	15,065	2	15,419
1946.....	156	158	314	15,176	3	15,493
1947.....	29	36	65	16,779	0	16,844

Year beginning August—	DISTRIBUTION							
	Seed for new crop	Local food use ²	Fed on farms	Milled by commercial mills	Exports (rough)	Stocks, July 31	Total accounted for	Balancing item
	1,000 barrels ¹	1,000 barrels ¹	1,000 barrels ¹	1,000 barrels ¹	1,000 barrels ¹	1,000 barrels ¹	1,000 barrels ¹	1,000 barrels ¹
1938.....	568	173	174	11,627	77	380	12,999	-376
1939.....	619	174	174	11,759	21	555	13,302	-405
1940.....	703	172	178	11,598	31	252	12,934	+132
1941.....	817	172	143	11,221	35	41	12,429	-235
1942.....	829	200	162	12,716	260	148	14,315	+284
1943.....	794	272	167	11,877	194	79	13,383	+837
1944.....	794	269	157	12,636	238	352	14,446	+591
1945.....	852	400	156	13,492	195	314	15,409	+10
1946.....	938	500	107	13,335	151	65	15,096	-397
1947.....	981	500	133	14,787	394	64	16,839	+5

¹ A barrel is equivalent to 162 pounds.

² Includes rice used by huller mills.

Production and Marketing Administration.

TABLE 34.—*Rice, rough: Supply and distribution, California crop, 1938-47*

Year beginning October—	Stocks, Oct. 1			Production	Total supply
	In country warehouses and transit	In mills	Total		
	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹
1938.....	477	70	547	3,768	4,315
1939.....	244	292	536	4,050	4,586
1940.....	540	253	793	4,248	5,041
1941.....	200	142	342	3,787	4,129
1942.....	8	2	10	5,683	5,693
1943.....	98	75	173	6,552	6,725
1944.....	20	17	37	6,750	6,787
1945.....	9	7	16	6,262	6,278
1946.....	20	4	24	7,913	7,937
1947.....	32	0	32	8,035	8,067

DISTRIBUTION

Year beginning October—	Seed for new crop	Feed and waste	Shipments to southern mills	Milled by commercial mills	Exports, and shipments to Territories (rough)	Stocks, Sept. 30	Total accounted for	Balancing item
	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹
1938.....	168	40	15	3,365	120	536	4,244	+ 71
1939.....	165	60	11	3,389	149	793	4,567	+ 19
1940.....	214	75	22	4,088	575	342	5,316	- 275
1941.....	297	75	42	3,678	46	10	4,148	- 19
1942.....	332	35	1	4,875	353	173	5,769	- 76
1943.....	344	50	84	5,962	155	37	6,632	+ 93
1944.....	349	50	5	6,218	104	16	6,742	+ 45
1945.....	354	50	4	5,713	129	24	6,274	+ 4
1946.....	332	75	5	7,271	150	32	7,865	+ 72
1947.....	333	75	0	7,459	168	13	8,048	+ 19

¹ A bag is equivalent to 100 pounds.

Production and Marketing Administration.

TABLE 35.—*Rice, milled (heads, second heads, and screenings): Supply and distribution, United States, 1938-47*

Year ¹	Mill stocks, beginning of year ¹	Production	Total supply	Exports	Shipments to Territories	Disappearance within the United States	Mill stocks, end of year ¹
	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²
1938.....	831	14,324	15,155	3,175	3,018	7,355	1,607
1939.....	1,607	14,168	15,775	3,002	3,161	7,984	1,628
1940.....	1,628	14,552	16,180	3,731	3,314	7,921	1,214
1941.....	1,214	13,835	15,049	4,300	2,940	7,645	164
1942.....	164	16,552	16,716	4,113	2,629	8,664	³ 1,310
1943.....	² 1,310	16,778	18,088	4,981	3,351	8,260	³ 1,496
1944.....	² 1,496	17,615	19,111	4,528	2,969	11,398	216
1945.....	216	18,379	18,595	6,879	2,869	8,723	124
1946.....	124	19,450	19,574	8,289	2,934	8,252	99
1947.....	99	20,456	20,555	7,871	3,357	9,146	181

¹ Crop year beginning Aug. 1 in Southern States and Oct. 1 in California.² A bag is equivalent to 100 pounds.³ Includes stocks held by the War Food Administration.⁴ Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 36.—Rice, milled (heads, second heads, and screenings): Supply and distribution, southern crop, 1938-47

Year beginning August—	Millstocks, Aug. 1	Production	Total supply	Exports	Shipments to Territories	Disappearance within the United States	Mill stocks, July 31
	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹	<i>1,000 bags</i> ¹
1938.....	695	12,396	13,091	3,106	1,742	6,922	1,321
1939.....	1,321	12,458	13,779	2,951	2,195	7,229	1,404
1940.....	1,404	12,507	13,911	3,511	2,022	7,413	965
1941.....	965	11,641	12,606	4,194	1,381	6,937	94
1942.....	94	13,428	13,522	2,965	1,772	7,887	2,898
1943.....	² 898	12,827	13,725	3,998	2,771	6,082	2,874
1944.....	² 874	13,507	14,381	4,204	2,108	³ 7,945	² 124
1945.....	² 124	14,632	14,756	6,163	1,559	7,021	13
1946.....	13	14,532	14,545	7,254	1,108	6,099	84
1947.....	84	15,668	15,752	6,566	1,093	7,957	136

¹ A bag is equivalent to 100 pounds.

² Includes stocks held by War Food Administration or Commodity Credit Corporation.

³ Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 37.—Rice, milled (heads only): Supply and distribution, California crop, 1938-47

Year beginning October—	Mills stocks, Oct. 1	Production	Total supply	Exports	Shipments to Hawaii and Puerto Rico ¹	Disappearance within the United States	Mill stocks, Sept. 30
	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²	<i>1,000 bags</i> ²
1938.....	64	1,850	1,914	69	1,276	338	231
1939.....	231	1,632	1,763	51	966	656	90
1940.....	90	1,937	2,027	220	1,292	293	222
1941.....	222	1,989	2,211	106	1,559	510	36
1942.....	36	2,882	2,918	1,148	857	514	³ 399
1943.....	³ 399	3,385	3,784	983	580	⁴ 1,621	³ 600
1944.....	³ 600	3,429	4,029	324	861	⁴ 2,755	89
1945.....	89	3,088	3,177	716	1,310	⁴ 1,068	83
1946.....	83	4,204	4,287	1,035	1,825	1,421	6
1947.....	6	4,329	4,335	1,305	2,264	726	40

¹ Data from San Francisco Harbor Commission.

² A bag is equivalent to 100 pounds.

³ Includes stocks held by the War Food Administration.

⁴ Includes shipments to the armed forces.

Production and Marketing Administration.

TABLE 38.—Rice, milled No. 1:¹ Average wholesale price per 100 pounds at selected markets, 1938-47

Year beginning August—	Blue Rose				Early Prolific ²				Rexoro			California Pearl
	New Orleans	Houston	Stuttgart, Ark.	New York	New Orleans	Houston	Stuttgart, Ark.	New York	New Orleans	Houston	New York	San Francisco
	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
1938.....	2.91	2.84	2.89	3.38	2.71	2.65	2.53	3.17	4.19	4.09	4.71	3.14
1939.....	3.30	3.26	3.33	3.74	3.08	3.04	3.03	3.46	3.85	3.67	4.06	3.70
1940.....	3.93	4.00	4.03	4.40	3.66	3.71	3.66	4.07	5.21	5.18	5.64	3.84
1941.....	6.16	6.22	6.18	6.88	5.84	5.85	5.74	6.56	8.90	8.84	9.43	6.06
1942.....	6.58	6.56 ¹	6.51	7.50	6.29	6.26	6.20	7.23	8.42	8.38	9.34	6.61
1943.....	6.60	6.50	6.50	7.45	6.30	6.20	6.20	7.20	8.35	8.25	9.25	6.62
1944.....	6.60	6.50	6.50	7.45	6.30	6.20	6.20	7.20	8.35	8.25	9.25	6.59
1945.....	7.17	7.05	7.05	8.15	6.85	6.75	6.85	7.90	9.03	8.95	9.90	7.15
1946.....	8.91	8.81	8.81	9.91	8.43	8.33	8.33	9.43	10.72	10.62	11.72	9.33
1947.....	13.20	13.10	12.05	13.85	12.95	13.10	12.05	13.75	14.80	14.85	16.05	11.60

¹ Same as "Extra Fancy," shown in previous editions of this table.

² Beginning in 1947, prices for this group of markets are for Zenith rice instead of Early Prolific.

Production and Marketing Administration.

TABLE 39.—Rice (in terms of milled): International trade, average 1936-40, annual 1946-48

Continent and country	Average 1936-40		1946		1947 ¹		1948 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:								
British Honduras.....		2,764		3,426		2,497		2,627
Canada.....	2,525	50,958	3	26,018	6	38,441	5	38,794
Costa Rica.....	0	2,053	1,000	11	1	24	1,624	715
El Salvador.....	2,641	3	547		8,012		4,126	
Guatemala.....	(²)	75	(²)	567	1,135	2	259	1
Honduras ³	1	2,591	728	1	4,856	37	3,187	
Mexico.....	18,555	347	3	3,293	22,090	4,460	63,049	42
Nicaragua.....	150	518	11,228	0	8,023		8,195	
Panama.....		13,398		7,222		14,637		10,559
United States.....	235,206	20,534	772,592	3,483	963,002	610	868,565	2,845
Bahamas.....		3,809		2,270		1,669		
Barbados.....		20,675		16,059		13,432		5,544
Jamaica.....		41,798		14,947		11,521		
Trinidad and Tobago.....		42,376		24,173		20,608		27,229
Cuba.....	60	444,612	1	330,464	1	620,639		517,715
Dominican Republic.....	165	7,989	8,397	(²)	1	8,167	511	
Guadeloupe.....		15,467		8,349		10,040		12,802
Martinique.....		6,508		5,240		7,013		
Haiti ⁴	1	2,359	2,357	(²)	1,544	(²)	219	826
Total⁵.....	259,303	690,912	796,856	454,523	1,008,671	763,297	949,740	656,199
Europe:								
Austria.....	⁶ 5	⁶ 62,366				0	1,127	0
Belgium.....	29,249	140,798	22	7,870	18	36,251		1,278
Czechoslovakia.....	3	84,898						
Denmark.....	45	19,082	0	5	0	0	0	2,159
Eire.....	0	7,909	0	0	0	0	0	
Finland.....	0	31,723	0	7	0	4		
France.....	31,120	1,239,561	6	10,478	136	24,778	14	75,733
Germany.....	38,288	483,566						
Greece.....	0	63,719		507		23,589		63,933
Hungary.....	0	43,438						
Iceland.....	0	1,249	0	723		979		1,116
Italy.....	355,639	1,400	2	0	0	1,653	45,587	0
Netherlands.....	187,911	378,363	0	0	46	1,649	368	10,412
Norway.....	420	11,157	0	3	0	1		430
Poland.....	20,315	92,923	0	1,638				
Portugal.....	186	16,641	675	3,955	46	23,073	21,796	15,711
Rumania.....	1,303	46,597						
Spain.....	⁶ 11,695	⁶ 81,733	14,291	73	19,835	6,736		
Sweden.....	109	33,374	0	52	0	17	0	1,446
Switzerland.....	14	58,594	2	178	(²)	20,946	0	47,847
United Kingdom.....	12,202	311,174	12,224	16,585		10,361		94,669
Yugoslavia.....	⁶ 153	⁶ 47,168						
Total⁴.....	671,768	3,264,764	27,222	45,691	20,081	160,967	67,765	401,234
U. S. S. R.....	⁶ 2,403	⁶ 94,300						
Asia:								
Aden.....	42,015	40,996						
Iran ⁷	64,129	1,252	130,454	179	27,172	55		
Iraq.....	13,029	84	5,203	3,935	3,514	4,026		
Palestine.....	2,381	41,020	0	16,499				
Syria.....	18	37,646		26,455		47,551		
Turkey.....		156	0		11	24	7	396
British Borneo.....		⁶ 128,806						
Burma.....	6,535,742		959,829		1,779,012		2,724,947	
Ceylon.....	7	1,219,294	1,098	568,284	1,214	581,062	2,042	917,056
China.....	26,840	870,994	1,559	⁸ 460,000	1,871	673,020	10,639	⁸ 850,000
Manchuria.....	⁶ 10,485	⁶ 178,904						
Taiwan ⁹	1,426,661	5,321			¹⁰ 880,000		¹⁰ 800,000	
French Indochina.....	3,232,998	11,519	160,000		148,429		433,413	
Hong Kong.....	602,314	1,075,402				⁸ 200,000		⁸ 250,000
India ¹¹	622,218	3,726,688	4,295	⁶ 630,000	4	⁶ 1,120,000		1,959,021
Japan ¹²	231,632	4,122,395	¹³ 0	35,024		6,129		1,233,998
Korea ¹³	2,367,393	72,735	¹³ 0	¹³ 0	¹³ 0	¹³ 83,700	¹³ 0	¹³ 171,337
Malayan Union.....	369,852	1,746,239	4,354	⁸ 540,000	3,554	523,437		1,018,304
Indonesia.....	¹⁴ 73,737	¹⁴ 499,118			3,866	260,984	772	404,495
Philippines.....	1,316	130,886		258,236		169,895		264,797
Portuguese India.....	62	54,730						
Siam.....	2,920,437		983,913		871,002		1,790,633	
Total⁴.....	18,543,276	13,993,564	2,275,705	3,104,543	3,799,649	4,753,383	6,103,453	7,052,904

TABLE 39.—Rice, (in terms of milled): International trade, average 1936-40, annual 1946-48—Continued

Continent and country	Average 1936-40		1946		1947 ¹		1948 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
South America:								
Argentina.....	467	52,286	8,638	1	5,955			
Bolivia.....	0	18,371		25,079		9,469		20,005
Brazil.....	83,335	0	362,422		530,885		475,296	
British Guiana.....	34,296	5	50,671		43,962		39,267	
Chile.....	3	24,107	78,497		5,954		1,252	
Colombia.....	3	29,614	14,178	1,029		13,452		9,921
Ecuador.....	25,685	4	129,769		136,659		138,853	
French Guiana.....	0	2,692		1,870		913		1,892
Paraguay.....	0	327	0	101	0	0	(?)	0
Peru.....	51	44,742	0	6,702	0	(?)	0	5,071
Surinam.....	10,654	4					38,897	
Uruguay.....	3,775	191	1,545	4,723			27,196	
Venezuela.....	0	32,924		33,995		29,235		33,000
Total ²	158,269	205,267	655,720	73,500	723,415	53,069	720,761	70,771
Africa:								
Algeria.....	4,918	65,224		4,435				
Sudan.....	252	6,719		4,669		6,078		14,467
Belgian Congo.....	3,132	611	22	7,870	7,237		2,215	
Nyasaland.....	6 ³ 23	6 ³ 30	664		1,145			
Tanganyika.....	980	21,805	157	45	5,858	0	14,448	0
Zanzibar.....	436	38,033	6	222	(?)	1,392		
Gambia.....		11,245		0	1			
Egypt.....	276,601	4,150	448,227	9	367,053	1	772,955	2
Italian Somaliland.....	0	12,820						
French Equatorial Africa.....		6,524		1,116		3,907		
French Cameroons.....		6,208		2		1,058		1,082
French Morocco.....		24,719		3,086		441		8,377
French West Africa.....	534	180,336		7,110	0	65,871		18 94,313
Gold Coast.....	8	24,942		0		0		0
Liberia.....		5,556		1,478				
Madagascar.....	15,942	3,848	11,971	0	3,790	2,204	1,033	25,819
Mauritius.....	34	123,091		41,076	1,873	46,224		
Mozambique.....	215	18,341	3,164	3				
Nigeria.....		21,376	48	111	6,952	4		
Angola.....	3,422	216	8,657	0	4,770	0	11,063	0
Portuguese Guinea.....	9,634	0	3,452	0				
Reunion.....		67,465		23,596		19,246		60,382
Seychelles Islands.....		5,990		853		3,741		
Southern Rhodesia.....	75	2,249	46	1,513	1	823		
Tunisia.....		45,418		11				53,124
Union of South Africa.....	0	139,021	0	31,290				
Total ²	318,631	928,416	476,561	148,040	402,680	216,586	810,714	386,258
Oceania:								
Australia ¹⁷	29,025	5,268	53,474	2	64,344			
Australian New Guinea.....		21,840						
French Oceania.....		3,047		463		2,914		
New Caledonia.....	238	7,183		2,328		4,134		7,566
New Zealand.....	17	8,542		2,637		4,234		2,510
Western Samoa.....		1,314		500		1,046		
Total ²	29,285	1,218,694	53,474	43,170	64,344	47,378	65,000	55,076
World total ²	19,983,407	19,278,209	4,286,000	3,880,000	6,099,000	6,095,000	8,717,000	8,672,000

¹ Preliminary. ² Less than 500 pounds. ³ July-June. ⁴ October-September. ⁵ Including some countries not shown. ⁶ Less than 5-year average. ⁷ March 21-March 20. ⁸ Estimated on the basis of export data from exporting countries. ⁹ Prewar shipments to Japan from the Japanese colonies, Korea and Taiwan, comprised the principal trade of the 3 lands. ¹⁰ Estimated surplus for shipment to China. ¹¹ March-April to 1940-41. Includes Pakistan to Aug. 15, 1947. ¹² November-October. ¹³ South Korea. ¹⁴ Netherlands Indies. ¹⁵ 10 months only. ¹⁶ 11 months only. ¹⁷ July-June.

Office of Foreign Agricultural Relations. Prepared on the basis of official statistics of foreign governments and reports of U. S. Foreign Service officers. Includes milled, brokens, semi-milled unconverted, and rough rice in terms of milled.

TABLE 40.—*Buckwheat: Acreage, production, value, and foreign trade, United States, 1929-48*

Year	Acreage seeded	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Foreign trade, including flour, year beginning September ¹		
							Domestic exports	Imports	Net exports
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels
1929		622	15.4	8,539					
1929	671	629	13.8	8,710	96.2	8,380	21	² 89	³ 68
1930	635	574	12.1	6,967	78.8	5,493	115		115
1931	538	507	17.6	8,910	42.3	3,767	510		510
1932	476	454	14.8	6,727	43.4	2,917	16		16
1933	487	460	17.0	7,816	55.8	4,359	54		54
1934	510	475	18.9	8,994	58.5	5,257	43		43
1935	524	505	16.8	8,488	54.8	4,653	1	⁴ 25	²⁴
1936	417	379	17.0	6,440	85.1	5,481	2	140	³ 138
1937	442	421	16.2	6,808	66.7	4,539	399	2	397
1938	466	448	15.1	6,763	53.9	3,647	324	2	322
1939		361	16.5	6,689					
1939	401	370	15.5	5,736	62.2	3,566	442	(⁵)	442
1940	420	388	16.7	6,476	53.8	3,482	17	5	12
1941	355	337	17.9	6,038	67.4	4,072	(⁵)	10	³ 10
1942	403	375	17.7	6,636	84.6	5,613	6	42	³ 36
1943	528	505	17.5	8,830	126.0	11,113	(⁵)	4	³ 4
1944	539	515	17.8	9,166	101.0	9,290	27	(⁵)	27
1945	487	409	16.2	6,644	119.0	7,875	28	(⁵)	28
1946	416	391	18.2	7,124	148.0	10,517	⁶ 292	(⁵)	290
1947	559	518	14.2	7,334	190.0	13,908	1,317	9	1,308
1948 ⁷	355	337	18.8	6,324	114.0	7,199			

¹ Compiled from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce. Buckwheat, general imports 1929; imports for consumption, 1935 to date. Buckwheat flour converted to terms of grain on the basis that 1 barrel of flour is the product of 7 bushels of grain.

² September-December 1929; not separately reported until 1935.

³ Net imports.

⁴ Imports for consumption beginning 1935.

⁵ Less than 500 bushels.

⁶ Beginning January 1947, includes exports under the Army Civilian Supply Program.

⁷ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 58.

TABLE 41.—*Buckwheat: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948*

State and division	Acreage seeded			Acreage harvested			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Maine.....	7	8	7	7	8	7	113	136	140	108	223	147
Vermont.....	1	1	1	1	1	1	19	14	14	108	218	---
New York.....	142	123	96	134	113	93	2,302	1,526	1,767	89	202	107
Pennsylvania.....	130	135	111	122	125	106	2,284	1,938	2,332	88	186	117
North Atlantic.....	281	267	214	264	247	206	4,722	3,614	4,239	88.9	194	114
Ohio.....	16	44	16	15	42	16	260	651	304	88	185	116
Indiana.....	11	19	2	10	18	2	139	252	30	85	183	114
Illinois.....	5	16	4	5	16	4	79	208	68	87	185	116
Michigan.....	33	63	30	26	57	27	400	741	351	83	191	109
Wisconsin.....	17	24	18	16	22	16	236	330	240	86	188	113
Minnesota.....	33	62	34	30	54	29	414	648	435	76	183	84
Iowa.....	4	10	---	4	10	---	62	120	---	85	185	---
Missouri.....	1	2	---	1	2	---	11	22	---	88	191	---
North Dakota.....	6	8	3	5	7	3	59	105	48	79	184	86
South Dakota.....	4	9	4	3	8	4	37	88	64	71	179	93
North Central.....	129	257	111	116	236	101	1,698	3,165	1,540	82.4	186	103
Maryland.....	5	5	4	5	5	4	107	78	88	93	176	132
Virginia.....	8	6	7	8	6	7	121	96	126	101	180	141
West Virginia.....	12	8	7	12	8	7	219	140	133	100	182	145
North Carolina.....	4	3	---	4	3	---	64	51	---	108	187	---
South Atlantic.....	30	22	18	30	22	18	514	365	347	99.9	181	140
Kentucky.....	2	2	---	2	2	---	27	30	---	99	181	---
Tennessee.....	4	11	12	4	11	12	60	160	198	104	179	152
South Carolina.....	6	13	12	6	13	12	87	190	198	103	179	152
United States.....	446	559	355	416	518	337	7,022	7,334	6,324	88.3	190	114

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 42.—*Buckwheat: Production and farm disposition, United States, 1939-48*

Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold	Crop of—	Production	Used for seed		Fed to livestock	Ground at mill for home use or exchanged for flour	Sold
		Total	On farms where grown						Total	On farms where grown			
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.		1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
1939.....	5,736	412	242	3,193	185	2,116	1944.....	9,166	505	328	5,823	112	2,903
1940.....	6,476	358	242	3,873	172	2,189	1945.....	6,644	438	295	4,160	92	2,097
1941.....	6,038	403	229	3,881	125	1,803	1946.....	7,124	678	332	4,229	91	2,472
1942.....	6,636	552	270	3,920	133	2,313	1947.....	7,334	380	263	4,154	96	2,821
1943.....	8,830	564	349	5,544	147	2,790	1948 ¹	6,324	343	231	3,824	94	2,175

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 43.—*Buckwheat: Production and farm disposition, by States, crops of 1947 and 1948*

State	Crop of 1947					Crop of 1948 ¹						
	Pro- duction	Used for seed		Fed to live- stock	Ground at mill for home use or ex- changed for flour	Sold	Pro- duction	Used for seed		Fed to live- stock	Ground at mill for home use or ex- changed for flour	Sold
		Total	On farms where grown					Total	On farms where grown			
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
Maine.....	136	12	9	54	36	37	140	15	10	56	36	38
Vermont.....	14			10	1	3						
New York.....	1,526	96	67	843	6	610	1,767	73	54	1,072	5	636
Pennsylvania.....	1,938	133	94	1,317	23	504	2,332	116	87	1,636	26	583
Ohio.....	651	18	11	365	2	273	304	15	7	192	2	103
Indiana.....	252	2	2	99		151	30	2	1	11		18
Illinois.....	208	4	3	122		83	68	4	2	35		31
Michigan.....	741	24	14	333	1	393	351	24	11	118	1	221
Wisconsin.....	330	18	13	184	1	132	240	18	12	131	1	96
Minnesota.....	648	31	20	238	1	389	435	36	18	112	1	304
Iowa.....	120			78		42						
Missouri.....	22			11		11						
North Dakota.....	105	3	2	40		63	48	3	2	17		29
South Dakota.....	88	4	2	46		40	64	4	2	31		31
Maryland.....	78	5	4	49	5	20	88	5	4	57	5	22
Virginia.....	96	8	6	76	4	10	126	8	6	105	5	10
West Virginia.....	140	10	8	105	10	17	133	8	6	104	10	13
North Carolina.....	51			43	3	5						
Kentucky.....	30			23	1	6						
Tennessee.....	160	12	8	118	2	32	198	12	9	147	2	40
United States.....	7,334	380	263	4,154	96	2,821	6,324	343	231	3,824	94	2,175

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 44.—Corn: Acreage, production, value, and foreign trade, United States, 1929-48

Year	Acreage planted	Acreage harvested	Yield per harvested acre, all corn ¹	Production		Season average price per bushel received by farmers	Farm value	Average price per bushel at Chicago, year beginning October ²	Foreign trade, including meal, year beginning October ³		
				All corn ¹	Harvested as grain				Domestic exports	Imports	Net exports ⁴
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929		97,741	25.6	2,515,937	2,150,752	79.9	2,010,201	84	8,963	816	8,119
1929	99,130	97,805	25.7	2,515,937	2,135,038	79.9	2,010,201	84	8,963	816	8,119
1930	103,915	101,465	20.5	2,080,130	1,757,297	59.8	1,244,318	62	3,119	1,386	1,733
1931	109,364	106,866	24.1	2,575,927	2,229,903	32.1	826,438	36	4,436	377	4,058
1932	113,024	110,577	26.5	2,930,352	2,578,685	31.6	926,700	34	8,886	173	8,713
1933	109,830	105,918	22.6	2,397,593	2,104,725	52.0	1,246,777	50	4,812	883	3,929
1934		87,476	18.8	1,669,438	1,169,438						
1934	100,563	92,193	15.7	1,448,920	1,146,734	81.5	1,181,479	86	1,143	36,955	35,812
1935	99,974	95,974	24.0	2,299,363	2,001,367	65.5	1,506,281	74	867	21,096	20,229
1936	101,959	93,154	16.2	1,505,689	1,258,673	104.4	1,571,859	121	432	103,670	103,238
1937	97,174	93,930	28.1	2,642,978	2,349,425	75.1	1,368,474	57	139,893	1,819	138,074
1938	94,473	92,160	27.7	2,548,753	2,300,095	74.8	1,239,619	48	34,369	442	33,927
1939		86,990	29.9	2,311,400	2,311,400						
1939	91,639	88,279	29.2	2,580,985	2,341,602	75.6	1,465,117	54	44,284	1,110	43,174
1940	88,692	86,429	28.4	2,457,146	2,206,882	76.1	1,518,719	67	14,849	1,269	13,580
1941	86,837	85,357	31.1	2,651,889	2,414,445	77.5	1,991,103	79	19,998	565	19,433
1942	88,818	87,367	35.1	3,068,562	2,801,819	79.1	2,813,772	91	5,176	407	4,769
1943	94,341	92,060	32.2	2,965,980	2,668,490	71.2	3,328,496	114	10,269	3,688	6,581
1944		82,869	30.2	2,788,432	2,788,432						
1944	95,475	94,014	32.8	3,088,110	2,801,993	70.9	3,353,386	115	17,128	6,065	11,063
1945	89,727	88,079	32.7	2,880,933	2,593,752	127.0	3,670,557	194	15,884	595	15,289
1946	89,788	88,489	36.7	3,249,950	2,951,147	156.0	5,081,927	180	128,686	560	128,126
1947	86,108	83,932	28.4	2,383,970	2,137,410	216.0	5,145,345	233	9,518	698	8,820
1948 ⁵	86,196	85,439	42.7	3,650,548	3,364,744	131.0	4,778,447	138			

¹ Yield and production represent equivalent grain yield on total acres harvested for all purposes, i.e., grain, silage, fodder, hogged off, grazed, etc.

² Compiled from the Chicago Daily Trade Bulletin through May 1942; Chicago Journal of Commerce beginning June 1942; average of daily prices weighted by carlot sales, No. 3 yellow.

³ Compiled from Monthly Summary of Foreign Commerce of the United States, and official records of the Department of Commerce. Corn—general imports 1929-32; imports for consumption beginning 1933. Corn meal—imports and reexports not separately reported, 1929-32, imports reported beginning 1933. Corn meal converted to terms of grain on the basis of 4 bushels of corn to barrel of meal through December 1945; beginning Jan. 1946, 100 pounds meal is equivalent of 3.16 bushels grain. These data exclude a small amount of cracked corn imported, beginning 1933.

⁴ Total exports (domestic plus foreign) minus total imports. Beginning 1933 net exports are domestic exports minus imports for consumption.

⁵ Yield of corn harvested for grain.

⁶ Net imports—i.e., total imports minus total exports (domestic plus foreign). Beginning 1933 net imports are imports for consumption minus domestic exports.

⁷ Includes an allowance for unredeemed loans at average loan value.

⁸ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 62.

TABLE 45.—*Corn, all.¹ Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948*

State and division	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46 ³	1947	1948 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Maine.....	13	10	10	13	10	10	531	400	340	112	262	180
New Hampshire.....	14	12	11	14	12	11	570	528	407	113	257	170
Vermont.....	67	48	52	67	48	52	2,566	1,920	2,288	113	257	170
Massachusetts.....	41	37	35	41	37	35	1,707	1,702	1,435	114	258	170
Rhode Island.....	9	8	7	9	8	7	328	352	259	114	258	170
Connecticut.....	49	48	45	49	48	45	1,996	2,304	1,800	114	258	170
New York.....	683	634	685	676	622	678	24,427	20,215	27,120	106	232	150
New Jersey.....	192	181	194	191	180	193	7,441	7,740	9,650	109	234	145
Pennsylvania.....	1,348	1,369	1,416	1,337	1,352	1,406	54,459	57,460	65,379	107	226	150
North Atlantic.....	2,416	2,347	2,455	2,397	2,317	2,437	94,026	92,621	108,678	108	230	151
Ohio.....	3,489	3,414	3,701	3,464	3,386	3,691	162,830	138,826	215,924	89	216	130
Indiana.....	4,297	4,421	4,668	4,271	4,399	4,663	198,713	189,157	279,780	86	216	125
Illinois.....	8,379	8,677	9,058	8,319	8,584	9,013	409,031	339,068	549,793	85	222	130
Michigan.....	1,654	1,647	1,729	1,640	1,624	1,721	56,752	44,660	67,119	94	221	135
Wisconsin.....	2,451	2,545	2,570	2,434	2,520	2,545	98,158	105,840	113,252	91	217	130
Minnesota.....	5,043	5,349	5,198	4,973	5,234	5,182	201,234	191,041	272,055	77	208	120
Iowa.....	10,279	10,935	10,952	10,215	10,410	10,930	525,879	317,505	666,730	83	215	130
Missouri.....	4,400	4,377	4,486	4,269	4,018	4,420	130,486	98,441	201,110	79	224	130
North Dakota.....	1,168	1,220	1,147	1,108	1,189	1,130	23,521	24,374	29,380	70	197	125
South Dakota.....	3,568	4,097	3,728	3,292	3,970	3,652	75,711	75,430	131,472	77	204	125
Nebraska.....	7,858	7,578	7,048	7,558	7,340	7,013	174,293	143,130	252,468	82	212	125
Kansas.....	3,117	2,523	2,498	2,877	2,379	2,427	60,072	40,443	81,304	88	221	130
North Central.....	55,705	56,783	56,783	54,420	55,053	56,387	2,116,678	1,707,915	2,860,387	84.2	216	128
Delaware.....	142	141	142	140	140	139	3,936	4,560	4,309	99	219	135
Maryland.....	481	458	490	477	456	488	16,580	16,416	19,032	98	216	130
Virginia.....	1,319	1,136	1,185	1,303	1,130	1,175	35,959	42,940	50,525	111	214	140
West Virginia.....	384	306	297	382	303	297	11,852	12,423	13,068	114	220	160
North Carolina.....	2,358	2,204	2,248	2,334	2,182	2,226	50,787	68,733	69,006	111	200	135
South Carolina.....	1,626	1,408	1,422	1,613	1,404	1,418	24,839	28,080	28,360	108	199	145
Georgia.....	3,900	3,237	3,205	3,851	3,205	3,173	45,281	48,075	49,182	111	206	145
Florida.....	732	698	712	721	691	691	7,515	8,292	6,910	114	213	175
South Atlantic.....	10,943	9,588	9,701	10,822	9,511	9,607	196,749	229,509	240,392	110	207	141
Kentucky.....	2,530	2,185	2,445	2,504	2,179	2,440	70,119	76,265	100,040	106	213	135
Tennessee.....	2,561	2,200	2,266	2,534	2,189	2,255	63,792	63,481	74,415	108	218	135
Alabama.....	3,254	2,789	2,747	3,210	2,764	2,736	44,175	42,842	58,824	114	220	140
Mississippi.....	2,860	2,320	2,250	2,763	2,254	2,231	44,468	37,191	53,544	106	227	135
Arkansas.....	1,951	1,388	1,263	1,897	1,325	1,246	34,027	22,525	33,019	100	227	140
Louisiana.....	1,406	990	955	1,362	960	922	21,503	13,920	17,057	102	220	160
Oklahoma.....	1,754	1,319	1,332	1,671	1,272	1,285	29,055	22,896	32,125	90	217	135
Texas.....	4,502	2,973	2,765	4,392	2,945	2,709	70,422	48,592	44,698	90	210	150
South Central.....	20,819	16,164	16,023	20,333	15,888	15,824	377,561	327,712	413,722	102	218	139
Montana.....	195	177	205	180	166	199	2,827	2,988	3,781	89	214	155
Idaho.....	42	26	28	41	25	28	1,781	1,125	1,260	102	227	160
Wyoming.....	141	64	58	127	60	56	1,653	960	1,008	95	226	140
Colorado.....	1,010	638	619	899	608	596	13,378	13,984	14,304	88	217	135
New Mexico.....	207	155	150	183	141	135	2,558	1,904	1,890	108	234	160
Arizona.....	36	34	36	34	32	34	361	352	408	121	279	215
Utah.....	26	25	24	24	25	23	698	950	621	114	232	180
Nevada.....	3	2	2	2	2	2	87	64	54	118	234	180
Washington.....	27	15	16	27	15	16	1,082	795	848	101	238	165
Oregon.....	53	28	31	52	27	30	1,692	1,107	1,050	105	250	165
California.....	74	62	65	74	62	65	2,397	1,984	2,145	113	279	175
Western.....	1,814	1,226	1,234	1,644	1,163	1,184	28,515	26,213	27,369	95.3	227	148
United States.....	91,696	86,108	86,196	89,616	83,932	85,439	2,813,529	2,383,970	3,650,548	89.0	216	131

¹ Relates to corn for all purposes, i.e., grain, silage, fodder, hogged off, grazed, etc.² Preliminary.³ For certain years, prices include an allowance for unredeemed loans at average loan value.

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TABLE 46.—Corn: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1935-39 and 1940-44, annual 1946-48¹

Continent and country	Acreage ²					Yield per acre ³					Production				
	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:															
Canada.....	172	273	252	176	252	40.8	39.7	42.3	38.0	49.3	7,010	10,833	10,661	6,682	12,417
Guatemala.....	1,000	1,060	-----	-----	-----	15.7	15.8	-----	-----	-----	15,700	16,760	-----	-----	-----
Honduras.....	⁵ 258	⁵ 319	-----	-----	-----	⁵ 14.0	⁵ 13.4	-----	-----	-----	3,717	4,262	-----	-----	-----
Mexico.....	7,501	8,816	8,187	8,678	9,197	9.0	9.2	11.5	11.4	12.1	67,523	80,714	93,799	99,112	111,487
Nicaragua.....	⁵ 86	⁵ 132	123	173	193	⁵ 17.4	11.3	16.1	15.5	15.5	1,500	1,486	1,980	2,687	2,990
United States.....	92,699	89,045	88,489	83,932	85,439	25.0	32.0	36.7	28.4	42.7	2,315,554	2,846,337	3,249,950	2,383,970	3,650,548
Cuba.....	360	376	400	410	550	16.7	16.6	15.6	18.5	16.2	6,000	6,250	6,250	7,589	8,929
Estimated total ⁶	103,260	101,430	100,490	96,410	98,640	-----	-----	-----	-----	-----	2,434,000	2,987,000	3,406,000	2,542,000	3,833,000
Europe:															
Albania.....	235	246	250	250	-----	21.6	19.7	20.0	22.0	-----	5,067	4,837	5,000	5,500	-----
Austria.....	163	162	-----	-----	148	39.2	31.2	-----	-----	29.1	6,384	5,053	4,000	4,300	5,197
Bulgaria.....	2,035	1,980	1,794	1,903	-----	17.5	14.7	9.3	18.4	-----	35,657	29,204	16,686	35,000	-----
Czechoslovakia.....	⁵ 395	-----	340	321	365	⁵ 28.6	-----	20.6	16.3	33.0	⁵ 11,300	7,000	7,000	5,236	12,053
France.....	839	583	603	675	726	26.9	18.0	16.6	13.3	25.0	22,559	10,511	10,000	9,000	18,156
Germany.....	85	51	-----	-----	-----	47.1	43.1	-----	-----	-----	4,000	2,200	-----	-----	-----
Greece.....	650	529	653	618	544	15.5	16.5	12.1	17.6	16.6	10,078	8,743	7,900	10,877	9,015
Hungary.....	2,924	3,167	2,900	3,100	-----	31.5	32.8	18.5	23.5	-----	92,007	103,974	53,680	73,000	-----
Italy.....	3,583	3,436	3,200	3,200	3,250	31.5	28.1	27.1	28.1	31.4	113,000	96,400	86,600	90,000	102,000
Portugal.....	1,235	-----	1,292	1,245	1,359	12.1	-----	12.8	10.3	9.2	15,000	-----	15,270	12,798	12,486
Rumania.....	9,870	8,300	-----	-----	-----	17.4	18.1	-----	-----	-----	172,000	150,000	-----	-----	-----
Spain.....	⁵ 1,094	1,050	950	940	990	⁵ 28.4	23.8	23.2	22.3	23.2	⁵ 31,076	25,000	22,000	21,000	23,000
Yugoslavia.....	6,615	6,790	-----	-----	-----	26.7	23.4	-----	-----	-----	176,600	159,000	-----	-----	-----
Estimated total ⁶	29,560	27,660	26,540	30,100	28,400	-----	-----	-----	-----	-----	695,000	621,000	400,000	675,000	670,000
U. S. S. R. (Europe and Asia).....	10,000	-----	-----	8,000	8,500	17.0	-----	-----	17.5	15.9	170,000	-----	-----	140,000	135,000
Asia:															
Turkey.....	1,098	1,408	1,397	1,322	1,272	20.9	20.4	16.8	15.8	18.6	22,971	28,661	23,417	20,904	23,621
Burma.....	217	212	-----	-----	-----	7.6	6.6	-----	-----	-----	1,640	1,390	-----	-----	-----
China.....	⁵ 12,000	14,200	12,483	12,296	12,276	⁵ 21.8	19.9	22.0	21.5	21.2	⁵ 262,000	282,600	275,000	264,696	260,151
Manchuria.....	3,720	6,231	-----	-----	-----	23.3	21.5	-----	-----	-----	86,586	133,858	-----	-----	-----
French Indo-China.....	1,019	765	-----	-----	-----	20.8	17.1	-----	-----	-----	21,168	13,074	-----	-----	-----
India ⁷	8,265	8,387	8,875	9,000	8,600	13.0	13.6	12.4	11.1	12.2	107,760	114,456	110,000	100,000	105,000
Japan.....	128	162	126	128	148	24.2	22.8	20.2	17.2	19.7	3,094	3,700	2,551	2,205	2,913
Korea.....	⁵ 321	375	-----	-----	-----	⁵ 13.0	12.0	-----	-----	-----	⁵ 4,177	4,500	-----	-----	-----
Java and Madura.....	5,150	5,160	-----	-----	-----	15.5	15.9	-----	-----	-----	79,976	82,200	-----	-----	-----
Philippine Islands.....	1,765	2,442	1,411	2,007	2,100	9.5	10.0	9.4	10.5	9.8	16,713	24,373	13,270	21,000	20,668
Estimated total ⁶	34,000	39,680	36,410	38,610	35,630	-----	-----	-----	-----	-----	611,000	695,000	624,000	645,000	600,000

Africa:															
Belgian Congo.....	6 179	329	512	603	-----	19.6	17.8	20.0	20.0	-----	3,500	5,860	10,216	12,037	-----
Kenya.....	103	102	-----	-----	-----	30.3	24.0	-----	-----	-----	3,121	2,453	3,125	2,976	-----
Basutoland.....	350	360	-----	-----	-----	8.1	7.5	-----	-----	-----	2,822	2,709	1,486	2,554	-----
Egypt.....	1,599	1,846	1,716	1,669	1,610	39.5	30.7	32.6	33.1	34.1	63,229	56,685	55,980	55,170	54,916
French Morocco.....	1,112	1,251	1,228	1,265	1,344	7.6	7.9	7.0	7.9	9.9	8,505	9,863	8,586	10,039	13,287
French West Africa.....	5 1,732	1,500	-----	-----	-----	12.4	13.3	-----	-----	-----	21,473	20,000	-----	-----	-----
Madagascar.....	260	172	222	-----	-----	15.3	12.9	10.0	-----	-----	3,969	2,213	2,213	-----	-----
Angola.....	1,435	1,470	-----	-----	-----	9.0	8.3	-----	-----	-----	12,859	12,180	11,000	12,000	-----
Southern Rhodesia ⁸	268	243	252	335	-----	22.1	21.1	12.5	22.4	-----	5,923	5,116	3,161	7,500	-----
Union of South Africa.....	6,989	6,656	7,598	7,790	6,084	11.5	10.8	11.4	14.5	9.9	80,132	71,711	86,900	112,786	70,761
Estimated total ⁶	18,490	18,480	19,670	19,940	18,300	-----	-----	-----	-----	-----	257,000	240,000	254,000	285,000	250,000
South America:															
Argentina.....	10,775	8,176	6,431	6,591	-----	28.0	31.7	35.6	35.8	-----	301,986	259,124	228,912	236,207	200,000
Brazil.....	10,025	10,208	10,342	10,727	10,872	21.5	20.3	20.6	20.5	20.0	215,153	207,438	213,058	219,673	217,000
Chile.....	110	126	116	119	-----	22.7	20.7	23.2	24.5	-----	2,496	2,603	2,689	2,921	-----
Colombia.....	5 1,360	1,440	1,651	1,680	-----	15.1	15.9	14.8	15.2	-----	19,999	22,827	24,408	25,589	-----
Uruguay.....	425	420	391	397	350	12.2	10.9	11.5	13.6	10.4	5,188	4,573	4,514	5,397	3,653
Estimated total ⁶	24,930	22,640	21,300	21,910	22,040	-----	-----	-----	-----	-----	576,000	530,000	509,000	525,000	500,000
Oceania:															
Australia.....	314	298	260	224	-----	22.4	25.1	22.3	27.9	-----	7,030	7,482	5,808	6,245	5,800
New Zealand.....	7	8	8	7	-----	45.4	51.8	49.6	54.0	-----	318	414	397	378	290
Total Oceania.....	324	310	270	235	220	-----	-----	-----	-----	-----	7,423	7,970	6,280	6,700	6,200
Estimated world total ⁶	220,680	217,200	211,170	215,200	211,730	-----	-----	-----	-----	-----	4,750,000	5,180,000	5,265,000	4,820,000	5,995,000

¹ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which follow; thus, the crop harvested in the Northern Hemisphere in 1948 is combined with the Southern Hemisphere harvest which began early in 1949.

² Figures refer to harvested areas as far as possible.

³ Yield per acre calculated from acreage and production data shown, except for incomplete periods.

⁴ Preliminary.

⁵ Average of less than 5 years.

⁶ Estimated totals, which in the case of production are rounded to the nearest million, include allowances for any missing data for countries shown and for other producing countries not shown.

⁷ Estimates for nonreporting areas also included.

⁸ Production on European holdings only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 47.—Corn: Utilization for grain, silage, hogging down, grazing, and forage, by States, 1947 and 1948¹

State and division	1947					1948 ¹				
	For grain		For silage		Hogging down, grazing, and forage acreage	For grain		For silage		Hogging down, grazing, and forage acreage
	Acreage harvested	Production	Acreage harvested	Production		Acreage harvested	Production	Acreage harvested	Production	
	1,000 acres	1,000 bushels	1,000 acres	1,000 tons	1,000 acres	1,000 acres	1,000 bushels	1,000 acres	1,000 tons	1,000 acres
Maine.....	2	80	7	77	1	1	34	8	68	1
New Hampshire.....	2	88	9	104	2	2	74	8	80	1
Vermont.....	2	80	44	418	2	2	88	48	480	2
Massachusetts.....	6	276	29	334	2	5	205	29	290	1
Rhode Island.....	1	44	6	87	1	1	37	6	54	0
Connecticut.....	9	432	37	426	2	7	280	26	360	2
New York.....	132	4,554	432	3,629	58	189	7,938	436	4,360	53
New Jersey.....	122	5,246	52	468	6	132	6,900	55	522	6
Pennsylvania.....	1,082	45,985	250	2,125	20	1,153	53,614	239	2,270	14
North Atlantic.....	1,358	56,785	866	7,638	93	1,492	68,870	865	8,484	80
Ohio.....	3,098	127,018	183	1,372	105	3,506	205,101	122	1,183	63
Indiana.....	4,258	183,094	88	616	53	4,579	274,740	47	423	37
Illinois.....	8,189	323,466	206	1,524	189	8,734	532,774	162	1,701	117
Michigan.....	1,153	32,860	292	1,781	179	1,360	53,720	258	1,903	103
Wisconsin.....	1,285	57,142	1,185	9,598	50	1,324	60,904	1,196	10,166	25
Minnesota.....	4,187	159,106	680	4,896	367	4,379	236,466	544	4,842	259
Iowa.....	9,588	297,228	281	1,798	541	10,427	636,047	197	2,167	306
Missouri.....	3,777	94,425	80	400	161	4,287	195,058	44	339	89
North Dakota.....	523	10,983	143	543	523	531	14,868	124	533	475
South Dakota.....	3,454	69,080	63	340	453	3,323	122,951	44	308	285
Nebraska.....	6,973	139,460	73	277	294	6,803	244,908	35	200	175
Kansas.....	1,986	35,748	155	574	238	2,318	77,653	49	294	60
North Central.....	48,471	1,529,650	3,429	23,719	3,153	51,571	2,655,190	2,822	24,065	1,994
Delaware.....	136	4,420	3	27	1	135	4,185	3	28	1
Maryland.....	419	15,084	33	314	4	448	17,472	35	332	5
Virginia.....	1,054	40,052	47	470	29	1,110	47,730	45	518	20
West Virginia.....	292	11,972	8	80	3	286	12,584	8	80	3
North Carolina.....	2,123	66,874	15	138	44	2,150	66,650	16	168	60
South Carolina.....	1,365	27,300	4	22	35	1,368	27,360	9	54	41
Georgia.....	2,939	44,085	10	50	256	2,856	44,265	19	50	308
Florida.....	546	6,552	6	33	139	484	4,840	6	30	201
South Atlantic.....	8,874	216,339	126	1,134	511	8,837	225,089	131	1,260	639
Kentucky.....	2,136	74,760	15	150	28	2,391	98,031	17	153	32
Tennessee.....	2,123	61,567	18	126	48	2,192	72,336	16	128	47
Alabama.....	2,670	41,385	8	40	86	2,578	55,427	10	60	148
Mississippi.....	2,211	36,482	5	30	38	2,187	52,488	6	39	38
Arkansas.....	1,267	21,539	2	9	56	1,228	32,542	2	10	16
Louisiana.....	941	13,644	2	8	17	894	16,539	2	8	26
Oklahoma.....	1,221	21,978	8	32	43	1,253	31,325	6	24	26
Texas.....	2,877	47,470	15	48	53	2,579	42,554	19	66	111
South Central.....	15,446	318,825	73	443	369	15,302	401,242	78	478	444
Montana.....	14	308	7	32	145	21	441	8	36	170
Idaho.....	16	720	7	74	2	19	855	7	84	2
Wyoming.....	24	420	4	26	32	10	220	6	33	40
Colorado.....	474	10,428	64	480	70	411	9,042	78	546	107
New Mexico.....	120	1,740	4	18	17	109	1,635	4	22	22
Arizona.....	24	276	3	21	5	25	312	4	30	5
Utah.....	3	114	15	142	7	2	55	15	142	6
Nevada.....	1	32	1	10	0	1	27	1	10	0
Washington.....	6	324	6	69	3	5	275	9	94	2
Oregon.....	12	504	10	100	5	11	396	12	90	7
California.....	27	945	25	250	10	30	1,095	25	275	10
Western.....	721	15,811	146	1,222	296	644	14,353	169	1,362	371
United States.....	74,870	2,137,410	4,640	34,156	4,422	77,846	3,364,744	4,065	35,649	3,528

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 48.—*Corn hybrids: Percentage of total corn acreage planted with hybrid seed, North Central States and United States, 1933-49*

Year	North Central States	United States	Year	North Central States	United States
	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>
1933.....	0.2	0.1	1942.....	73.0	46.4
1934.....	.6	.4	1943.....	78.1	52.4
1935.....	1.9	1.1	1944.....	83.5	59.2
1936.....	5.1	3.1	1945.....	88.1	64.4
1937.....	12.9	7.9	1946.....	90.8	68.6
1938.....	25.4	14.9	1947.....	92.7	72.1
1939.....	38.6	22.5	1948.....	93.7	75.3
1940.....	51.8	30.5	1949 ¹	94.1	77.7
1941.....	65.0	39.3			

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 49.—*Corn hybrids: Percentage of total corn acreage planted with hybrid seed, by States, 1946-49*

State	1946	1947	1948	1949 ¹	State	1946	1947	1948	1949 ¹
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Maine.....	45.0	57.0	72.0	75.0	North Carolina.....	5.5	14.0	25.0	32.0
New Hampshire.....	52.0	62.0	75.0	80.0	South Carolina.....	2.5	6.5	14.0	22.5
Vermont.....	53.0	58.0	70.0	78.0	Georgia.....	2.5	5.0	9.5	13.0
Massachusetts.....	62.0	68.0	80.0	82.0	Florida.....	7.5	9.0	13.5	21.5
Rhode Island.....	65.0	68.0	78.0	82.0	Kentucky.....	73.0	77.0	82.0	84.5
Connecticut.....	65.0	68.0	80.0	84.0	Tennessee.....	23.0	30.0	38.0	44.0
New York.....	58.0	69.0	73.0	78.5	Alabama.....	3.0	5.5	10.0	15.0
New Jersey.....	81.0	86.0	79.5	85.0	Mississippi.....	5.5	12.0	16.5	24.0
Pennsylvania.....	74.0	80.5	84.0	87.0	Arkansas.....	39.0	46.0	51.0	55.0
Ohio.....	97.0	97.5	98.0	98.5	Louisiana.....	8.0	15.0	17.5	23.5
Indiana.....	98.5	99.0	99.0	99.0	Oklahoma.....	27.0	40.5	54.0	57.0
Illinois.....	99.0	99.5	99.5	99.5	Texas.....	23.0	35.5	50.5	51.0
Michigan.....	85.0	87.5	88.5	88.5	Montana.....	12.0	15.0	19.0	19.0
Wisconsin.....	92.0	92.0	93.5	94.0	Idaho.....	48.0	60.5	67.0	70.5
Minnesota.....	94.0	94.0	94.5	96.0	Wyoming.....	7.0	8.0	8.0	10.0
Iowa.....	100.0	100.0	100.0	100.0	Colorado.....	30.0	34.0	53.0	66.5
Missouri.....	90.5	93.0	95.0	96.0	New Mexico.....	9.0	9.5	8.5	10.5
North Dakota.....	47.0	48.0	48.5	52.5	Arizona.....	3.0	3.5	3.5	3.5
South Dakota.....	62.0	70.0	71.5	74.0	Utah.....	54.0	62.0	65.0	66.0
Nebraska.....	89.0	93.0	93.5	94.0	Nevada.....	41.0	45.0	48.0	48.0
Kansas.....	73.0	79.5	83.5	82.0	Washington.....	51.0	69.0	73.0	72.0
Delaware.....	67.0	75.5	86.0	89.5	Oregon.....	64.0	73.5	77.0	79.0
Maryland.....	75.0	90.0	90.5	91.5	California.....	30.0	41.5	48.5	69.0
Virginia.....	55.0	67.5	76.5	80.0					
West Virginia.....	53.0	57.0	64.0	68.0	United States.....	68.6	72.1	75.3	77.7

¹ Preliminary.

Bureau of Agricultural Economics. Data for earlier years in Agricultural Statistics, 1948, table 50; Agricultural Statistics, 1947, table 48, and Agricultural Statistics, 1945, table 46.

TABLE 50.—*Corn: Production and farm disposition, United States, 1939-48*

Crop of—	Production for all purposes	Feed and seed	For farm household use	Sold	Crop of—	Production for all purposes	Feed and seed	For farm household use	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	2,580,985	1,973,429	25,904	581,652	1944.....	3,088,110	2,366,274	19,486	702,350
1940.....	2,547,146	1,945,331	25,192	486,623	1945.....	2,880,933	2,256,332	18,647	605,954
1941.....	2,651,889	2,087,392	23,099	541,398	1946.....	3,249,950	2,404,683	17,171	828,196
1942.....	3,068,562	2,467,617	21,583	579,362	1947.....	2,383,970	1,855,223	17,061	511,686
1943.....	2,965,980	2,392,950	21,053	551,977	1948 ¹	3,650,548	2,582,783	17,157	1,050,608

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 51.—*Corn: Production and farm disposition, by States, crops of 1947 and 1948*

State	Crop of 1947				Crop of 1948 ¹			
	Production for all purposes	Feed and seed	For farm household use	Sold	Production for all purposes	Feed and seed	For farm household use	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Maine.....	400	397	1	2	340	338	1	1
New Hampshire.....	528	525	1	2	407	404	1	2
Vermont.....	1,920	1,918	1	1	2,288	2,286	1	1
Massachusetts.....	1,702	1,693	1	8	1,435	1,428	1	6
Rhode Island.....	352	350	2	2	259	257	2	2
Connecticut.....	2,304	2,292	1	11	1,800	1,793	1	6
New York.....	20,215	19,982	5	228	27,120	26,638	6	476
New Jersey.....	7,740	6,845	3	892	9,650	8,392	4	1,254
Pennsylvania.....	57,460	50,026	76	7,358	65,379	54,578	78	10,723
Ohio.....	138,826	118,406	97	20,323	215,924	166,601	99	49,224
Indiana.....	189,157	148,810	66	40,281	279,780	205,534	66	74,180
Illinois.....	339,068	196,710	33	142,325	549,793	283,373	33	266,387
Michigan.....	44,660	41,847	20	2,793	67,119	58,514	10	8,595
Wisconsin.....	105,840	98,956	22	6,862	113,252	106,531	22	6,699
Minnesota.....	191,041	152,835	21	38,185	272,055	189,271	21	82,763
Iowa.....	317,505	258,040	19	59,446	666,730	456,815	19	209,896
Missouri.....	98,441	83,243	90	15,108	201,110	162,002	96	39,012
North Dakota.....	24,374	22,614	3	1,757	29,380	26,106	3	3,271
South Dakota.....	75,430	57,469	10	17,961	131,472	82,282	10	49,180
Nebraska.....	143,130	91,512	18	51,600	252,468	147,140	18	105,310
Kansas.....	40,443	31,139	10	9,294	81,304	54,114	11	27,179
Delaware.....	4,550	3,084	7	1,459	4,309	2,837	7	1,465
Maryland.....	16,416	11,998	44	4,374	19,032	14,094	46	4,892
Virginia.....	42,940	33,275	1,254	8,411	50,525	38,249	1,293	10,978
West Virginia.....	12,423	11,009	277	1,137	13,068	11,600	278	1,195
North Carolina.....	68,733	56,774	1,928	10,031	69,006	55,073	1,936	11,997
South Carolina.....	28,080	22,745	1,240	4,095	28,360	23,837	1,240	3,283
Georgia.....	48,075	38,942	2,520	6,613	49,182	40,022	2,520	6,640
Florida.....	8,292	7,158	348	786	6,910	6,187	336	387
Kentucky.....	76,265	62,422	1,134	12,709	100,040	78,373	1,080	20,587
Tennessee.....	63,481	51,365	1,650	10,466	74,415	59,745	1,650	13,020
Alabama.....	42,842	33,979	2,655	6,208	58,824	47,987	2,800	8,037
Mississippi.....	37,191	31,343	2,200	3,648	53,544	46,883	2,200	4,461
Arkansas.....	22,525	19,425	300	2,800	33,019	28,172	291	4,556
Louisiana.....	13,920	12,831	270	819	17,057	15,141	262	1,654
Oklahoma.....	22,896	18,800	140	3,956	32,125	25,407	140	6,578
Texas.....	48,592	34,346	480	13,766	44,698	33,184	450	11,064
Montana.....	2,988	2,948	40	40	3,781	3,746	40	35
Idaho.....	1,125	902	223	223	1,260	995	223	265
Wyoming.....	960	926	34	34	1,008	988	34	20
Colorado.....	13,984	9,394	2	4,588	14,304	10,052	2	4,250
New Mexico.....	1,904	1,497	24	383	1,890	1,523	24	343
Arizona.....	352	221	90	41	408	260	101	47
Utah.....	950	939	11	11	621	615	11	6
Nevada.....	64	61	3	3	54	51	3	3
Washington.....	795	763	32	32	848	820	32	28
Oregon.....	1,107	1,041	66	66	1,050	1,002	66	48
California.....	1,984	1,436	548	548	2,145	1,343	548	602
United States.....	2,383,970	1,855,223	17,061	511,686	3,650,548	2,582,783	17,157	1,050,608

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 52.—Corn: Stocks on and off farms, United States, 1939-49

Year	On farms				Off farms ¹			
	Jan. 1	Apr. 1	July 1	Oct. 1 ²	Jan. 1	Apr. 1	July 1	Oct. 1 ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	1,814,936	1,217,102	846,208	553,793	-----	-----	-----	-----
1940.....	1,908,654	1,267,342	846,966	541,444	-----	-----	-----	-----
1941.....	1,835,888	1,198,382	754,527	473,540	-----	-----	-----	-----
1942.....	2,002,290	1,281,682	757,779	422,026	-----	-----	-----	-----
1943.....	2,214,310	1,357,384	791,039	355,224	-----	114,797	40,021	28,877
1944.....	1,932,862	1,073,102	551,672	202,670	52,923	48,141	34,410	28,325
1945.....	2,066,986	1,289,536	718,261	293,419	56,539	65,880	35,854	21,891
1946.....	1,858,960	1,032,856	496,928	153,003	45,136	58,270	35,229	19,923
1947.....	2,136,640	1,276,329	677,375	254,210	71,651	81,769	39,634	31,384
1948.....	1,506,283	842,608	423,006	114,035	49,221	39,967	31,275	11,351
1949 ³	2,519,589	1,776,220	1,239,444	-----	92,866	57,182	37,754	-----

¹ Includes stocks in interior mills, elevators, and warehouses, merchant mills, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins.

² Includes old crop only.

³ Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1927-38, in Agricultural Statistics, 1943, table 40.

TABLE 53.—Corn processed and sales of specified products by the wet-process industry, United States, 1939-48

Year	Wet-process grindings	Products sold							
		Corn starch	Corn sugar	Corn sirup, unmixed ¹	Dextrines	Corn oil		Feed	
						Crude	Refined	Gluten feed and meal	Corn-oil meal
	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1939.....	77,244	1,015,440	458,762	1,142,488	91,430	31,673	103,583	592	28
1940.....	81,727	1,093,643	470,469	1,178,236	98,947	28,859	130,807	624	30
1941.....	110,293	1,530,986	657,454	1,251,212	145,817	25,271	142,026	819	39
1942.....	130,330	1,546,979	770,684	2,025,352	134,678	35,284	206,123	1,013	55
1943.....	128,455	1,530,649	722,420	1,799,809	188,435	56,659	165,064	914	63
1944.....	119,928	1,240,483	684,803	1,816,326	169,790	40,134	146,526	827	55
1945.....	119,053	1,237,602	665,459	1,837,902	148,975	29,183	144,543	824	54
1946.....	120,611	1,282,726	647,902	1,837,280	140,630	30,561	136,778	872	59
1947.....	139,273	1,509,289	785,293	1,983,006	162,429	40,630	181,226	1,015	63
1948 ²	109,878	1,388,719	711,764	1,333,378	157,598	27,281	151,218	781	59

¹ Includes corn sirup, unmixed, sold to mixers outside of the wet-process industry, and the quantity used by the wet-process industry in its mixed sirups.

² Preliminary.

Bureau of Agricultural Economics. Compiled from reports of Price, Waterhouse, and Co., New York. Data for 1930-38 in Agricultural Statistics, 1940, tables 63 and 64.

TABLE 54.—Corn: Supply and distribution in the United States, 1939-48

Year beginning October—	Carry-over, October 1					Production for all purposes	Imports ³	Total supply
	Farm	Terminal market ¹	Owned by Government ²	Interior mill, elevator, and warehouse	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	553,793	14,947	15,000	-----	⁴ 583,740	2,580,985	1,110	⁴ 3,165,835
1940.....	541,444	41,179	105,000	-----	⁴ 687,623	2,457,146	1,269	⁴ 3,146,038
1941.....	473,540	39,137	132,000	-----	⁴ 644,677	2,651,889	565	⁴ 3,297,131
1942.....	422,026	38,641	30,021	-----	⁴ 490,688	3,068,562	407	⁴ 3,559,667
1943.....	355,224	7,452	477	20,948	384,101	2,965,980	3,688	3,353,769
1944.....	202,670	7,478	534	20,313	230,995	3,088,110	6,065	3,325,170
1945.....	293,419	4,674	19	17,198	315,310	2,880,933	618	3,196,861
1946.....	153,003	4,944	-----	14,979	172,926	3,249,950	566	3,423,442
1947.....	254,210	7,910	-----	23,474	285,594	2,383,970	1,123	2,670,687
1948 ⁵	114,035	1,522	-----	9,829	125,386	3,650,548	-----	-----

DISTRIBUTION

Year beginning October—	Dry-processing products			Wet-process products ⁸	Alcohol and distilled spirits ⁹	Seed ¹⁰	Feed, other uses, and waste ¹¹	Exports ³	Total disappearance	Domestic disappearance ¹²	Stocks, end of year
	Breakfast foods ⁶	Farm household use	Corn-meal, grits, etc. ⁷								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	7,200	25,904	54,040	83,074	19,562	13,621	2,230,983	43,828	2,478,212	2,433,928	⁴ 687,623
1940.....	9,000	25,192	55,594	100,750	25,731	12,715	2,257,825	14,554	2,501,361	2,486,512	⁴ 644,677
1941.....	10,000	23,412	60,000	127,051	54,652	12,371	2,499,351	19,606	2,806,443	2,786,445	⁴ 490,688
1942.....	11,000	22,244	67,000	128,002	41,584	13,140	2,908,729	4,805	3,196,504	3,191,328	¹³ 363,153
1943.....	12,000	22,139	69,000	120,934	10,482	13,298	2,864,924	9,997	3,122,774	3,112,505	230,995
1944.....	12,000	20,757	70,000	124,689	36,986	12,498	2,716,419	16,611	3,009,860	2,992,732	315,310
1945.....	11,000	18,647	61,000	111,732	27,513	12,506	2,761,663	19,874	3,023,935	3,001,987	172,926
1946.....	10,600	17,171	72,000	143,457	65,294	11,994	2,700,593	¹⁴ 126,739	3,137,848	3,009,163	285,594
1947 ⁵	10,500	17,061	63,000	110,217	30,426	12,006	2,295,302	¹⁴ 6,789	2,545,301	2,535,783	125,386

¹ Commercial stocks at terminal markets.² Owned by the Commodity Credit Corporation in steel and wooden bins off farms.³ Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Imports include grain equivalent of corn meal and flour; exports are grain only.⁴ Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.⁵ Preliminary.⁶ Estimated quantities (based on census data) used in making prepared breakfast foods.⁷ Revised series. Estimated quantities used in producing corn meal, flour, hominy grits, and flakes for human food and for the production of fermented malt liquors. Based on reports of the Bureau of the Census and the Bureau of Internal Revenue. Does not include corn processed for livestock feed.⁸ Starch, sirup, sugar, etc. Compiled from data of Price, Waterhouse, and Company, New York.⁹ Compiled from data of the Bureau of Internal Revenue. Does not include corn products used in the production of fermented malt liquors.¹⁰ Based on acreage planted to corn the following year.¹¹ Residual, mostly feed.¹² Total disappearance, minus exports of corn and grain equivalent of corn meal and flour.¹³ Excludes stocks at interior mills, elevators, and warehouses, for computing 1942-43 disappearance.¹⁴ Includes exports for military civilian-feeding abroad.

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TABLE 55.—*Corn, shelled: Receipts graded by licensed inspectors, by grades, United States, 1938-47*

Year beginning November—	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	Percentage grading No. 3 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1938.....	153,489	109,133	56,660	15,574	3,319	4,683	342,858	93
1939.....	226,779	110,688	35,032	8,667	1,911	3,414	386,491	96
1940.....	104,871	101,669	85,171	59,688	21,183	13,182	385,764	76
1941.....	152,142	141,809	82,312	73,617	20,793	12,055	482,728	78
1942.....	77,443	151,607	104,655	77,160	27,939	14,526	453,330	74
1943.....	31,647	76,091	78,390	71,169	42,610	29,229	329,136	57
1944.....	21,089	101,667	122,089	125,458	99,472	94,353	564,128	43
1945 ¹	54,903	81,062	69,931	81,626	63,922	64,113	415,557	50
1946 ¹	42,523	181,982	174,769	188,409	114,038	83,040	784,761	49
1947 ¹	75,350	78,785	71,942	74,228	49,851	18,527	368,683	61

¹ Year beginning October.

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,500 bushels per car for the years 1938-43 and 1,700 bushels for the years 1944-47.

TABLE 56.—*Corn, yellow: Average price per bushel, selected grades and markets, 1939-48*

Year beginning October—	No. 3 Yellow ¹					No. 2 Yellow, San Francisco ²	Yellow corn, Argentina ³
	Chicago	Kansas City	Minne- apolis	Omaha	St. Louis		
	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1939.....	54.3	57.2	52.8	54.3	55.6	86.0	39
1940.....	66.9	59.0	63.8	57.6	64.3	89.8	⁴ 24
1941.....	79.3	77.9	73.5	73.3	79.9	102.3	⁵ 31
1942.....	90.8	89.7	94.4	84.4	90.6	122.8	40
1943.....	114.3	112.7	112.4	108.5	-----	141.1	41
1944.....	115.2	109.6	111.0	107.0	114.8	140.5	54
1945.....	194.0	136.6	158.6	137.7	196.3	168.0	114
1946.....	180.4	153.4	168.1	165.4	159.5	207.1	96
1947.....	232.9	243.7	229.0	233.7	235.6	261.0	⁶ 83
1948 ⁷	138.2	133.8	128.6	129.5	138.4	172.0	-----

¹ Average of daily prices weighted by carlot sales, as reported in trade papers published at the various markets.

² Average of bulk-of-sales price for 1 day each week, compiled by Production and Marketing Administration.

³ Compiled from Boletín Estadístico, Banco Central De La Republica Argentina, Buenos Aires (monthly). Prices converted to cents per bushel of 56 pounds at current monthly rates of exchange as reported by the Federal Reserve Board.

⁴ 2-month average.

⁵ 5-month average.

⁶ 9-month average.

⁷ Preliminary.

Bureau of Agricultural Economics.

TABLE 57.—*Corn futures: Volume of trading by contract markets, and annual average of month-end open contracts on all markets combined, 1939-48*

Year beginning October—	Volume of trading						Average of open contracts
	Chicago Board of Trade	Chicago Open Board of Trade	Kansas City Board of Trade	Milwaukee Grain Exchange	Minneapolis Grain Exchange	Total	
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1939.....	1,040.1	12.0	33.5	1.0	19.3	1,105.9	36.4
1940.....	744.9	5.4	15.7	.4	12.0	778.4	25.9
1941.....	1,262.1	14.4	63.0	1.1	6.9	1,347.5	59.2
1942 ¹	477.1	5.1	31.1	.3	8.0	521.6	39.3
1943 ²	30.5	.3	5.8	(³)	(³)	36.6	⁴ 9.0
1944.....	477.4	5.7	31.3	.5	(³)	514.9	21.8
1945.....	168.7	5.8	1.5	.3	-----	176.3	13.6
1946.....	3,651.5	167.6	53.5	2.0	-----	3,874.6	46.9
1947.....	3,543.2	143.9	5.6	4.1	-----	3,696.8	52.2
1948 ⁵	2,328.9	63.0	2.0	1.8	-----	2,395.7	60.2

¹ Trading suspended on all contract markets, June 25, 1943.

² Trading resumed Aug. 30, 1944, on the Kansas City Board of Trade; Sept. 14, 1944, on the Chicago Board of Trade, Chicago Open Board of Trade, and Minneapolis Grain Exchange, and Sept. 15, 1944, on the Milwaukee Grain Exchange.

³ Less than 50,000 bushels.

⁴ 2-month average for Kansas City Board of Trade and September 30 figures for all other markets.

⁵ Through June 1949.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 58.—*Corn futures: Highest and lowest prices per bushel, by date and future, Chicago Board of Trade, 1939-48*

Year beginning October—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
	<i>Cents</i>			<i>Cents</i>		
1939.....	70	May 10	1940 Sept.	48 $\frac{3}{8}$	Oct. 23	1939 Dec.
1940.....	91 $\frac{1}{2}$	Sept. 12	1942 May	57 $\frac{3}{8}$	Oct. 4	1940 Dec.
1941.....	99	July 14 July 15	1943 May	66 $\frac{1}{4}$	Oct. 16	1941 Dec.
1942 ¹	² 105	(³)	1943 May 1943 July 1943 Sept.	78 $\frac{7}{8}$	Oct. 29	1942 Dec.
1943 ⁴	116	Sept. 25	1944 Dec. 1945 May 1945 July	103 $\frac{1}{8}$	Sept. 22	1945 July
1944.....	118 $\frac{1}{2}$	(³)	1945 Sept. 1945 Dec. 1946 May 1947 Jan.	102 $\frac{3}{8}$	{Mar. 27 Mar. 31}	}1945 Dec.
1945.....	173	July 15	1947 Mar.	114 $\frac{1}{8}$	Oct. 4	1946 July
1946.....	265 $\frac{3}{4}$	Sept. 15	1947 Sept.	122 $\frac{3}{4}$	Jan. 27	1947 Sept.
1947.....	270 $\frac{3}{4}$	Jan. 16	1948 May	135 $\frac{1}{4}$	Sept. 27	1948 Dec.
1948 ⁵	152 $\frac{1}{2}$	Nov. 26	1949 May	100 $\frac{1}{2}$	Feb. 9	1949 Dec.

¹ October 1942—June 25, 1943 only. Trading suspended June 25, 1943.

² On regular trades. Under special regulations, high of 107 permitted for certain trades in connection with cash transactions and settlement of contracts.

³ On numerous dates from March through June for the September future, April through June for the July future, and in April and May for the May future.

⁴ Sept. 14-30, 1944, only. Trading resumed Sept. 14, 1944.

⁵ On numerous dates between May 15 and August 2.

⁶ Through July 1949.

Commodity Exchange Authority. Compiled from records of the Chicago Board of Trade. Data for 1929-38 in Agricultural Statistics, 1945, table 58. Highest and lowest prices during the period Oct. 1, 1909 through July 31, 1948: High, \$2.70 $\frac{3}{4}$, May future, Jan. 16, 1948; low, \$0.20 $\frac{3}{4}$, Dec. future, Dec. 23, 1932.

TABLE 59.—Oats: Acreage, production, value, and foreign trade, United States, 1929-48

Year	Acreage seeded ¹	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel at Chicago, year beginning July ²	Foreign trade, including meal, year beginning July ³		
								Domestic exports	Imports	Net exports ⁴
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels	1,000 bushels
1929		<i>85,468</i>	<i>29.7</i>	<i>992,717</i>						
1929	40,534	38,153	29.2	1,112,949	41.8	465,717	45	7,966	175	7,680
1930	42,608	39,847	32.0	1,274,592	32.2	409,990	36	3,123	659	2,464
1931	44,483	40,193	28.0	1,124,232	21.3	239,150	22	4,437	85	4,352
1932	45,549	41,700	30.1	1,254,584	15.7	196,383	19	5,361	28	5,333
1933	43,774	36,528	20.2	736,309	33.5	246,351	36	1,405	154	1,251
1934		<i>24,689</i>	<i>18.7</i>	<i>458,780</i>						
1934	40,467	29,455	18.5	544,247	48.1	261,548	48	1,147	15,645	⁵ 14,498
1935	43,599	40,109	30.2	1,210,229	26.4	319,560	29	1,430	110	1,320
1936	41,934	33,654	23.6	792,583	44.9	355,941	43	912	208	704
1937	39,827	35,542	33.1	1,176,744	30.2	355,482	32	12,931	23	12,308
1938	39,390	36,042	30.2	1,089,383	23.8	258,773	28	5,106	1,025	4,081
1939		<i>29,938</i>	<i>22.1</i>	<i>870,258</i>						
1939	38,203	33,460	28.6	957,704	31.0	297,354	36	1,393	10,609	⁵ 9,216
1940	39,315	35,431	35.2	1,246,450	30.3	377,319	35	1,256	10,224	⁵ 8,968
1941	41,841	38,161	31.0	1,182,509	41.1	485,659	47	4,775	1,389	3,386
1942	43,018	38,197	35.2	1,342,681	48.8	655,738	51	3,184	58,788	⁵ 55,604
1943	43,467	38,914	29.3	1,139,831	72.2	823,297	75	3,462	81,373	⁵ 77,911
1944		<i>36,425</i>	<i>29.4</i>	<i>1,041,112</i>						
1944	43,804	39,672	29.0	1,149,260	70.9	815,389	73	5,016	68,671	⁵ 63,655
1945	45,889	41,933	36.6	1,535,676	66.7	1,024,799	66	21,244	24,062	⁵ 2,818
1946	46,549	43,205	34.7	1,497,904	81.0	1,213,755	89	23,379	967	22,412
1947	42,301	38,451	31.2	1,199,422	105.0	1,257,043	105	20,737	1,672	19,065
1948 ⁶	44,529	40,191	37.1	1,491,752	72.9	1,086,854	74			

¹ Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

² Compiled from Chicago Daily Trade Bulletin, through May 1942; Chicago Journal of Commerce beginning June 1942; average of daily quotations for No. 3 white, weighted by carlot sales.

³ Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Oats—general imports, 1929-32; imports for consumption beginning 1933. Oatmeal—imports for consumption. Oats, unhulled, ground—imports for consumption, 1934 to date. Oatmeal converted to terms of grain on the basis that 18 pounds of meal is the product of 1 bushel of oats through December 1942, and 13.17 pounds thereafter.

⁴ Total exports (domestic plus foreign) minus total imports. Beginning 1933, net exports are domestic exports minus imports for consumption.

⁵ Net imports.

⁶ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 86.

TABLE 60.—Oats: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1935-39 and 1940-44, annual 1946-48¹

Continent and country	Acreage ²					Yield per acre ³					Production				
	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
Canada ⁵	13,246	13,614	12,075	11,048	11,200	25.5	34.1	30.7	25.2	32.0	338,071	463,944	371,069	278,670	
Mexico.....	29	87	77	138	136	16.0	19.5	22.0	18.2	17.7	465	1,699	1,695	2,508	
United States.....	35,761	38,075	43,205	38,451	40,191	29.2	31.8	34.7	31.2	37.1	1,045,329	1,212,144	1,497,904	1,199,422	
Estimated total ⁶	49,040	51,780	55,360	49,640	51,530	-----	-----	-----	-----	-----	1,384,000	1,678,000	1,871,000	1,481,000	
Europe:	686	567	540	550	555	41.9	37.0	28.7	30.0	34.2	^b 28,746	21,000	15,500	16,500	
Austria.....	548	390	519	618	615	74.7	70.2	79.0	67.2	70.9	40,946	27,367	41,000	41,500	
Belgium.....	362	401	415	410	-----	24.9	21.4	19.3	-----	-----	9,000	8,586	8,000	-----	
Bulgaria.....	7 1,830	-----	1,482	1,510	1,611	46.4	-----	39.1	35.4	41.4	⁷ 85,000	-----	58,000	53,500	
Czechoslovakia.....	932	843	855	847	823	75.3	76.1	87.5	70.9	82.6	70,205	64,112	74,777	60,068	
Denmark.....	571	844	831	826	880	68.8	62.2	58.1	55.3	61.4	39,265	52,535	48,251	45,698	
Eire.....	1,030	926	793	915	1,002	43.7	34.6	31.5	34.0	42.9	45,000	32,027	25,000	31,100	
Finland.....	8,089	6,300	6,200	6,452	6,050	40.6	34.9	41.9	32.5	38.8	328,653	220,000	259,762	210,000	
France.....	5,200	-----	-----	-----	60.6	-----	-----	-----	-----	-----	315,000	-----	-----	235,000	
Germany.....	346	345	257	345	360	24.5	20.3	24.1	15.7	28.7	8,479	7,000	6,200	5,400	
Greece.....	558	660	500	600	620	35.9	36.4	27.3	25.0	-----	20,042	24,000	13,640	15,000	
Hungary.....	1,063	1,690	1,095	1,187	1,175	35.9	20.4	29.0	25.9	30.6	38,160	34,400	31,733	30,771	
Italy.....	65	56	53	60	52	44.8	45.9	48.8	41.2	46.7	2,910	2,572	2,469	2,427	
Luxembourg.....	360	291	438	404	350	71.6	62.8	66.8	57.0	62.0	25,769	18,287	29,266	23,011	
Netherlands.....	212	226	206	195	182	61.0	45.7	62.1	53.3	65.9	12,940	10,318	12,801	10,400	
Norway.....	4,900	-----	-----	-----	41.6	-----	-----	-----	-----	-----	204,000	-----	-----	-----	
Poland.....	865	-----	726	728	727	12.0	-----	20.6	10.9	9.4	10,350	-----	14,955	7,948	
Portugal.....	1,620	1,340	-----	-----	23.1	24.2	-----	-----	-----	-----	37,500	32,400	-----	-----	
Rumania.....	⁸ 1,848	1,800	1,625	1,550	1,625	⁸ 21.3	21.1	26.5	18.1	22.5	⁸ 39,369	38,000	43,000	28,000	
Spain.....	1,641	1,476	1,313	1,308	1,211	53.1	39.4	41.1	35.7	44.5	87,198	58,136	53,927	46,722	
Sweden.....	28	83	99	85	73	56.9	66.3	62.2	60.2	56.6	1,593	5,505	6,159	5,119	
Switzerland.....	2,430	3,764	3,567	3,308	3,335	57.0	58.4	57.0	53.1	61.7	138,628	219,926	203,210	175,560	
United Kingdom.....	893	850	-----	-----	24.5	22.5	-----	-----	-----	-----	21,900	19,100	-----	205,660	
Yugoslavia.....	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
Estimated total ⁶	36,110	34,920	32,290	32,710	32,370	-----	-----	-----	-----	-----	1,611,000	1,460,000	1,311,000	1,185,000	
U. S. S. R. (Europe and Asia).....	49,500	-----	-----	35,500	36,500	23.5	-----	-----	24.2	21.4	1,165,000	-----	-----	860,000	
Asia:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
* Syria.....	⁹ 24	⁹ 21	20	-----	-----	⁹ 27.6	⁹ 27.3	31.0	-----	-----	⁹ 662	⁹ 573	620	-----	
* Turkey.....	636	871	644	670	687	26.6	21.6	25.6	18.1	30.6	16,893	18,779	16,500	12,126	
China.....	7 2,600	-----	2,365	2,329	2,309	7 23.1	-----	20.5	20.8	23.7	7 60,000	-----	48,443	48,429	
Japan.....	310	324	-----	-----	-----	37.0	30.4	-----	-----	-----	11,481	9,838	-----	54,802	
Korea.....	7 242	200	-----	-----	-----	7 11.2	10.0	-----	-----	-----	7 2,718	2,000	-----	-----	
Estimated total ⁶	4,010	4,650	3,810	3,980	4,000	-----	-----	-----	-----	-----	96,000	104,000	80,000	81,000	

Africa:															
Algeria.....	465	544	324	400	412	23.4	19.2	27.7	13.8	25.5	10,859	10,470	8,970	5,500	10,500
French Morocco.....	104	91	53	95	107	26.5	25.7	38.2	25.2	33.6	2,751	2,339	2,025	2,391	3,593
Tunisia.....	84	79	71			19.9	17.6	14.0			1,674	1,390	992	600	550
Union of South Africa.....	7,544	715	781	800	600	13.3	10.1	10.5	17.6	11.2	6,966	7,238	8,234	14,058	6,722
Estimated total ⁶	1,200	1,440	1,240	1,380	1,200						22,000	22,000	21,000	23,000	22,000
South America:															
Argentina.....	1,974	1,855	1,990	1,648	1,700	25.4	26.7	23.7	29.1	28.2	50,182	49,507	47,158	48,000	48,000
Chile.....	279	218	205	233	246	27.5	27.1	22.6	24.7	23.1	7,670	5,900	4,641	5,749	5,682
Uruguay.....	213	224	107	140	180	14.6	12.5	13.2	18.5	18.8	3,100	2,790	1,410	2,589	3,376
Estimated total ⁶	2,490	2,320	2,340	2,050	2,120						62,000	59,000	54,000	57,000	57,000
Oceania:															
Australia.....	1,593	1,626	1,728	2,105	1,900	14.7	12.4	11.3	24.2	17.4	23,351	20,179	19,456	50,871	33,000
New Zealand.....	63	63	55	63	63	56.2	61.2	61.1	56.6	55.6	3,539	3,853	3,358	3,567	3,500
Total.....	1,656	1,689	1,783	2,168	1,963						26,890	24,032	22,814	54,438	36,500
Estimated world total ⁶	144,010	141,200	131,320	127,430	129,680						4,367,000	4,300,000	3,920,000	3,740,000	4,205,000

¹ Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1948 is combined with Southern Hemisphere harvest which began late in 1948 and ended early in 1949.

² Figures refer to harvested areas as far as possible.

³ Yield per acre calculated from acreage and production data shown, except for incomplete periods.

⁴ Preliminary.

⁵ Production and yield reported in bushels of 34 pounds.

⁶ Estimated totals, which in the case of production are rounded to millions.

include allowances for any missing data for countries shown and for other producing countries not shown.

⁷ Average of less than 5 years.

⁸ Figure for 1935 only.

⁹ Includes estimate for Lebanon, and is therefore not comparable with estimates shown for later years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 61.—Oats: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State and division	Acreage seeded ¹			Acreage harvested			Production			Price for crop of—		
	Average	1947	1948 ²	Average	1947	1948 ²	Average	1947	1948 ²	Average	1947	1948 ²
	1937-46			1937-46			1937-46			1937-46		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bu.	1,000 bu.	1,000 bu.	Cents	Cents	Cents
Maine.....	100	85	77	92	75	68	3,458	2,625	2,924	66	121	83
New Hampshire.....	14	13	12	7	7	6	7	224	240	74	142	98
Vermont.....	77	56	65	48	30	40	1,556	810	1,480	74	142	98
Massachusetts.....	15	14	15	6	7	8	184	252	272	75	142	99
Rhode Island.....	4	4	3	1	1	1	34	33	33	74	142	99
Connecticut.....	16	16	15	5	5	5	184	175	185	75	142	99
New York.....	823	543	760	767	485	708	24,351	13,338	28,320	61	116	82
New Jersey.....	53	51	46	46	40	41	1,349	1,000	1,435	60	110	87
Pennsylvania.....	881	760	798	845	685	767	25,705	19,865	29,146	62	110	84
North Atlantic.....	1,983	1,542	1,791	1,818	1,335	1,644	57,054	38,322	64,035	62.1	114	83.6
Ohio.....	1,188	888	1,226	1,144	733	1,202	42,140	19,058	54,090	54	116	76
Indiana.....	1,411	1,294	1,413	1,306	1,172	1,383	43,802	35,160	59,469	50	105	71
Illinois.....	3,579	3,377	3,929	3,440	3,311	3,874	135,760	115,885	182,078	49	105	72
Michigan.....	1,399	1,117	1,508	1,343	1,090	1,472	49,534	38,150	56,672	54	112	73
Wisconsin.....	2,615	2,884	2,942	2,522	2,811	2,867	99,090	120,873	126,148	52	107	74
Minnesota.....	4,526	4,630	4,908	4,422	4,537	4,855	164,029	163,332	206,338	44	103	64
Iowa.....	5,516	5,438	6,036	5,332	5,247	5,921	194,406	162,657	266,445	47	107	70
Missouri.....	2,166	1,552	2,142	1,844	1,309	1,767	46,641	30,107	48,592	51	104	78
North Dakota.....	2,200	2,331	2,308	2,001	2,219	2,219	57,784	64,351	62,132	40	100	60
South Dakota.....	2,508	3,134	3,165	2,326	3,081	3,112	71,558	95,511	104,252	41	101	62
Nebraska.....	2,111	2,426	2,766	1,908	2,279	2,598	50,931	62,672	72,744	46	99	68
Kansas.....	1,692	1,510	1,616	1,501	1,395	1,144	36,022	40,455	26,312	51	104	80
North Central.....	30,912	30,581	33,959	29,089	29,184	32,414	991,697	948,211	1,265,272	47.3	105	69.4
Delaware.....	6	7	6	4	5	5	116	160	175	66	107	92
Maryland.....	44	45	47	38	38	40	1,125	1,216	1,340	65	108	91
Virginia.....	153	159	178	122	128	146	3,061	3,456	4,891	67	109	91
West Virginia.....	95	80	75	75	64	60	1,766	1,824	1,740	69	114	100
North Carolina.....	368	508	356	288	386	270	7,593	11,387	7,965	71	103	103
South Carolina.....	672	866	606	604	755	528	14,505	19,630	12,144	69	103	110
Georgia.....	721	887	710	562	644	528	12,331	16,100	13,728	71	107	106
Florida.....	65	160	144	21	30	21	355	600	399	88	165	170
South Atlantic.....	2,124	2,712	2,122	1,715	2,050	1,598	40,852	54,373	42,382	69.9	106	105
Kentucky.....	124	153	145	186	105	102	1,883	2,415	2,754	64	117	100
Tennessee.....	220	301	277	151	230	205	3,608	6,095	6,048	70	111	100
Alabama.....	253	311	311	192	221	217	4,199	5,083	5,750	78	116	117
Mississippi.....	312	502	402	272	416	333	8,678	12,480	10,989	64	110	104
Arkansas.....	397	470	451	262	311	283	6,736	9,641	9,198	64	110	100
Louisiana.....	119	180	158	96	124	112	2,756	3,348	3,584	66	114	106
Oklahoma.....	1,494	1,472	1,133	1,355	1,416	949	26,927	33,276	16,608	53	99	92
Texas.....	1,823	1,758	1,600	1,456	1,488	863	34,370	31,248	14,240	54	93	97
South Central.....	4,744	5,147	4,477	3,868	4,311	3,064	89,156	103,586	69,171	57.6	102	99.8
Montana.....	450	418	385	370	338	324	11,924	10,478	11,826	45	96	65
Idaho.....	220	187	166	176	172	160	7,175	7,224	6,300	48	102	80
Wyoming.....	156	169	155	127	150	132	3,769	4,950	3,960	50	98	77
Colorado.....	208	224	220	178	200	194	5,412	6,900	6,208	51	104	76
New Mexico.....	47	48	46	39	38	38	864	798	798	60	117	90
Arizona.....	24	32	28	9	12	11	249	336	330	65	114	109
Utah.....	51	49	48	43	44	42	1,781	2,112	1,764	56	105	92
Nevada.....	10	13	14	7	8	9	268	328	369	63	108	93
Washington.....	277	209	222	167	131	148	7,558	6,812	6,290	55	111	86
Oregon.....	448	428	338	294	298	238	9,434	10,132	7,497	57	111	98
California.....	476	542	558	156	180	185	4,620	4,860	5,550	62	115	100
Western.....	2,368	2,319	2,180	1,666	1,571	1,471	53,056	54,930	50,892	52.0	105	82.2
United States.....	42,130	42,301	44,529	38,056	38,451	40,191	1,231,814	1,199,422	1,491,752	49.6	105	72.9

¹ Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 62.—Oats: Production and farm disposition, United States, 1939-48

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1939.....	957,704	791,932	165,772	1944.....	1,149,260	898,207	251,053
1940.....	1,246,450	1,024,959	221,491	1945.....	1,535,676	1,144,697	390,979
1941.....	1,182,509	960,345	222,164	1946.....	1,497,904	1,116,334	381,570
1942.....	1,342,681	1,101,344	241,337	1947.....	1,199,422	865,184	334,238
1943.....	1,139,831	916,291	223,540	1948 ¹	1,491,752	1,115,637	376,115

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 63.—Oats: Production and farm disposition, by States, crops of 1947 and 1948

State	Crop of 1947			Crop of 1948 ¹		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.	1,000 bu.
Maine.....	2,625	2,047	578	2,924	2,515	409
New Hampshire.....	224	220	4	240	235	5
Vermont.....	810	770	40	1,480	1,421	59
Massachusetts.....	252	249	3	272	269	3
Rhode Island.....	33	33		33	33	
Connecticut.....	175	174	1	185	184	1
New York.....	13,338	12,538	800	28,320	26,054	2,266
New Jersey.....	1,000	955	45	1,435	1,375	60
Pennsylvania.....	19,865	17,481	2,384	29,146	25,357	3,789
Ohio.....	19,058	15,628	3,430	54,090	42,190	11,900
Indiana.....	35,160	23,909	11,251	59,469	45,196	14,273
Illinois.....	115,885	62,678	53,307	182,078	107,426	74,652
Michigan.....	38,150	30,902	7,248	56,672	48,171	8,501
Wisconsin.....	120,873	107,577	13,296	126,148	109,118	17,030
Minnesota.....	163,332	120,866	42,466	206,338	158,880	47,458
Iowa.....	162,657	113,860	48,797	206,445	202,498	63,947
Missouri.....	30,107	24,688	5,419	48,532	39,845	8,747
North Dakota.....	64,351	40,541	23,810	62,132	42,871	19,261
South Dakota.....	95,511	63,992	31,519	104,252	68,806	35,446
Nebraska.....	62,672	49,511	13,161	72,744	57,468	15,276
Kansas.....	40,455	30,746	9,709	26,312	21,050	5,262
Delaware.....	160	144	16	175	156	9
Maryland.....	1,216	1,119	97	1,340	1,253	87
Virginia.....	3,456	3,041	415	4,891	4,206	685
West Virginia.....	1,824	1,751	73	1,740	1,679	61
North Carolina.....	11,387	8,426	2,961	7,965	5,655	2,310
South Carolina.....	19,630	11,974	7,656	12,144	9,351	2,793
Georgia.....	16,100	11,270	4,830	13,728	7,550	6,178
Florida.....	600	558	42	399	367	32
Kentucky.....	2,415	2,004	411	2,754	2,313	441
Tennessee.....	6,095	4,449	1,646	6,048	4,838	1,210
Alabama.....	5,083	4,066	1,017	5,750	4,658	1,092
Mississippi.....	12,480	9,610	2,870	10,989	8,901	2,088
Arkansas.....	9,641	7,520	2,121	9,198	6,807	2,391
Louisiana.....	3,348	2,611	737	3,584	2,724	860
Oklahoma.....	33,276	26,621	6,655	16,608	13,452	3,156
Texas.....	31,248	17,186	14,062	14,240	9,256	4,984
Montana.....	10,478	8,382	2,096	11,826	9,106	2,720
Idaho.....	7,224	4,190	3,034	6,300	3,780	2,520
Wyoming.....	4,950	3,762	1,188	3,960	2,970	990
Colorado.....	6,900	5,106	1,794	6,208	4,532	1,676
New Mexico.....	798	399	399	798	359	439
Arizona.....	336	128	208	330	125	205
Utah.....	2,112	1,605	507	1,764	1,446	318
Nevada.....	328	230	98	269	269	100
Washington.....	6,812	3,474	3,338	6,290	3,585	2,705
Oregon.....	10,132	5,370	4,762	7,497	4,273	3,224
California.....	4,860	923	3,937	5,650	1,054	4,496
United States.....	1,199,422	865,184	334,238	1,491,752	1,115,637	376,115

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 64.—Oats: Stocks on and off farms, United States, 1939-48

Year beginning October—	On farms				Off farms ¹			
	Oct. 1	Jan. 1	Apr. 1	July 1 ²	Oct. 1	Jan. 1	Apr. 1	July 1 ²
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1939.....	775,579	602,698	350,334	145,261	-----	-----	-----	-----
1940.....	1,031,898	795,277	471,217	219,553	-----	-----	-----	-----
1941.....	956,770	751,016	431,703	192,165	-----	-----	-----	-----
1942.....	1,117,032	874,238	500,245	232,561	-----	-----	33,589	26,470
1943.....	928,927	702,858	414,372	184,969	60,474	47,821	26,554	23,099
1944.....	932,761	734,449	421,834	207,317	60,456	49,739	37,844	27,096
1945.....	1,277,410	976,631	571,372	274,862	99,379	88,444	54,203	16,850
1946.....	1,147,713	892,282	532,895	257,099	65,803	42,150	34,675	19,213
1947.....	951,716	733,303	405,082	169,707	74,812	46,688	26,318	13,973
1948 ³	1,187,541	927,488	577,945	270,264	62,978	46,130	28,370	24,507

¹ Includes stocks in interior mills, elevators, and warehouses, and commercial stocks at terminals.

² Includes old crop only.

³ Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms, 1926-38, in *Agricultural Statistics*, 1943, table 52.

TABLE 65.—Oats: Receipts graded by licensed inspectors, by grades, United States, 1938-47

Year beginning July—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 3 or better
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Percent</i>
1938.....	11,526	38,352	52,722	19,846	10,280	132,726	77
1939.....	9,286	27,372	38,840	19,156	11,658	106,312	71
1940.....	31,904	24,682	28,462	11,144	7,856	104,048	82
1941.....	36,236	24,642	35,122	26,964	6,816	129,780	74
1942.....	29,208	44,050	52,032	36,092	7,174	168,556	74
1943.....	19,504	40,612	66,470	46,684	12,756	186,026	68
1944.....	23,340	44,263	75,648	50,112	14,398	207,761	69
1945.....	79,627	87,984	114,566	42,487	12,304	336,968	84
1946.....	100,937	71,590	67,406	41,658	21,437	303,028	79
1947.....	65,078	59,119	54,633	32,928	8,103	219,861	81

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 2,000 bushels per car for the years 1938-43 and 2,400 bushels for the years 1944-47.

TABLE 66.—Oats: Supply and distribution, United States, 1939-49

Year beginning July—	Carry-over, July 1				Production	Imports ²	Total supply
	Farm	Terminal market ¹	Interior mill, elevator, and warehouse	Total			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	190,322	5,695	.....	³ 196,017	957,704	10,610	² 1,164,331
1940.....	145,261	3,130	.....	³ 148,391	1,246,450	10,224	² 1,405,065
1941.....	219,553	3,906	.....	³ 223,459	1,182,509	1,305	² 1,407,273
1942.....	192,165	2,109	.....	³ 194,274	1,342,681	58,787	² 1,595,742
1943.....	232,561	7,746	18,724	259,031	1,139,831	81,374	1,480,236
1944.....	184,969	6,547	16,552	208,068	1,149,260	68,672	1,426,000
1945.....	207,317	9,604	17,492	234,413	1,535,676	24,062	1,794,151
1946.....	274,862	3,153	13,697	291,712	1,497,904	967	1,790,583
1947.....	257,099	5,038	14,175	276,312	1,199,422	1,672	1,477,406
1948.....	169,707	1,841	12,132	183,680	1,491,752	19,291	1,694,723
1949 ⁴	270,264	6,167	18,340	294,771	1,314,258	.....	.....

DISTRIBUTION

Year beginning July—	Breakfast foods ⁵	Seed ⁶	Feed, other uses, and waste ⁷	Exports ²	Total disappearance	Domestic disappearance ⁸	Stocks at end of year
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	29,713	92,390	893,633	204	1,015,940	1,014,547	⁹ 148,391
1940.....	30,972	98,326	1,052,150	158	1,181,606	1,180,350	⁹ 223,459
1941.....	34,000	102,383	1,076,012	604	1,212,999	1,208,224	⁹ 194,274
1942.....	44,000	103,451	1,207,706	278	1,355,435	1,352,251	⁹ 240,307
1943.....	44,000	104,254	1,123,686	228	1,272,168	1,268,706	208,068
1944.....	46,000	109,216	1,036,121	250	1,191,587	1,186,571	234,413
1945.....	48,000	110,787	1,325,361	18,291	1,502,439	1,481,195	291,712
1946.....	44,000	100,676	1,349,264	¹⁰ 20,331	1,514,271	1,489,945	276,312
1947.....	42,000	105,979	1,134,452	¹⁰ 11,295	1,293,726	1,272,992	183,680
1948 ⁴	42,000	106,096	1,234,726	¹⁰ 17,130	1,399,952	1,375,877	294,771

¹ Commercial stocks at terminal markets.

² Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Imports include grain equivalent of oatmeal; exports are grain only.

³ Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.

⁴ Preliminary.

⁵ Used in production of cereal preparations; based on data published for calendar years by the Census of Manufactures and the War Food Administration.

⁶ Based on area seeded to the following crop.

⁷ Residual, mostly feed.

⁸ Total disappearance, minus exports of oats and grain equivalent of oatmeal.

⁹ Excludes interior mill, elevator, and warehouse stocks, for computing 1942-43 disappearance.

¹⁰ Includes exports for military civilian-feeding abroad.

Bureau of Agricultural Economics.

TABLE 67.—*Oat futures: Volume of trading by contract markets, annual average of month-end open contracts on all markets combined, and highest and lowest prices per bushel, Chicago Board of Trade, 1939-48*

Year beginning July—	Volume of trading					Average of open contracts	Chicago Board of Trade	
	Chicago Board of Trade	Chicago Open Board of Trade	Minneapolis Grain Exchange	Milwaukee Grain Exchange	Total		Price	
							Highest	Lowest
<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Cents</i>	<i>Cents</i>	
1939	359.2	2.9	68.4	.9	431.4	15.9	43¼	24½
1940	182.8	.6	64.3	.8	248.5	11.9	41	26½
1941	433.8	1.4	86.8	1.8	524.0	15.7	60¾	33¼
1942	484.8	3.9	120.9	1.0	610.6	19.4	70	45¾
1943	601.5	11.9	111.7	1.3	726.4	20.3	82	66¾
1944	935.2	12.2	140.8	2.0	1,090.2	27.2	81½	52
1945	2,127.5	64.0	244.4	2.9	2,438.8	54.0	88	54¼
1946	3,445.9	163.4	292.0	4.3	3,905.6	44.9	104	57½
1947	2,365.6	31.3	269.1	2.6	2,668.6	45.0	139	76
1948	1,009.0	11.3	153.5	1.9	1,175.7	28.4	92¾	53¼

¹ Includes 0.2 million bushels for the Kansas City Board of Trade.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 68.—*Barley: Acreage, production, value, and foreign trade, United States, 1929-48*

Year	Acreage seeded ¹	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Price per bushel at Minneapolis, year beginning August ²	Foreign trade, including barley, flour and malt, year beginning July ³		
								Domestic exports	Imports ⁴	Net exports ⁵
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Cents</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1929		12,891	20.4	263,690						
1929	14,703	13,564	20.7	280,637	53.9	151,134	56	24,054	41	24,013
1930	13,581	12,629	23.9	301,619	40.5	122,178	46	11,443	1,413	10,030
1931	13,820	11,181	17.9	200,280	32.8	65,616	46	5,469	1,509	3,960
1932	14,555	13,206	22.7	299,394	22.1	66,178	34	9,399	1,406	7,993
1933	14,200	9,641	15.9	152,839	43.4	66,349	65	6,111	4,560	1,551
1934		6,193	17.8	110,042						
1934	12,024	6,577	17.8	117,390	68.6	80,521	94	4,126	18,239	⁶ 14,113
1935	13,956	12,436	23.2	288,667	37.9	109,372	69	9,926	7,885	2,041
1936	12,837	8,329	17.7	147,740	78.2	115,461	115	5,269	28,763	⁶ 23,494
1937	12,346	9,969	22.3	221,889	54.2	120,257	68	17,775	5,853	11,922
1938	12,171	10,610	24.2	256,620	36.8	94,336	48	11,292	3,062	8,230
1939		12,024	21.7	260,981						
1939	15,513	12,739	21.8	278,193	40.5	112,541	49	4,827	2,694	2,133
1940	15,689	13,525	23.0	311,278	39.7	123,543	48	1,987	2,335	⁶ 348
1941	15,857	14,276	25.4	362,568	52.9	191,741	65	3,421	2,323	1,098
1942	19,686	16,958	25.3	429,450	63.2	271,231	78	2,178	27,245	⁶ 25,067
1943	17,474	14,300	21.7	322,913	99.1	319,871	121	2,980	41,179	⁶ 38,199
1944		11,694	22.4	261,426						
1944	14,337	12,301	22.4	276,112	101.0	280,251	119	4,695	37,932	⁶ 33,237
1945	11,718	10,465	25.5	266,833	102.0	271,460	128	9,255	5,814	3,446
1946	11,527	10,411	25.2	262,258	136.0	356,657	174	16,000	4,286	11,714
1947	12,102	11,014	25.5	281,185	170.0	477,828	222	24,144	1,187	22,957
1948 ⁸	13,295	12,046	26.3	317,037	117.0	371,044	130			

¹ Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.

² No. 3 barley, average of daily prices weighted by carlot sales, as reported in the Minneapolis Daily Market Record. Replaces price previously reported for No. 2 malting.

³ Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Malt converted to terms of barley on the basis that 1.1 bushels of malt is the product of 1 bushel of barley through 1943; beginning 1944, 1 bushel malt equals 1 bushel grain. Barley flour converted on the basis that 1 barrel of flour is the product of 9 bushels of barley.

⁴ Imports for consumption.

⁵ Domestic exports minus imports for consumption.

⁶ Net imports.

⁷ Includes an allowance for unredeemed loans at average loan value.

⁸ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 103.

TABLE 69.—Barley: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State and division	Acreage seeded ¹			Acreage harvested			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46 ³	1947	1948 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	4	4	4	4	4	4	110	112	128	97	184	137
Vermont.....	4	1	2	4	1	2	120	19	58	102	202	147
New York.....	130	101	89	122	91	86	3,178	2,184	2,752	87	174	129
New Jersey.....	8	13	14	7	12	13	203	396	429	91	160	141
Pennsylvania.....	115	125	119	113	123	114	3,357	4,059	3,933	86	151	140
North Atlantic.....	262	244	228	250	231	219	6,968	6,770	7,300	86.3	160	136
Ohio.....	33	16	19	31	15	18	793	390	540	74	152	135
Indiana.....	54	22	25	49	21	24	1,186	546	648	78	143	141
Illinois.....	110	28	37	98	26	36	2,681	741	1,260	81	164	134
Michigan.....	184	121	142	177	115	140	5,154	3,450	4,480	85	193	133
Wisconsin.....	494	160	205	482	159	204	14,783	5,962	7,752	89	207	143
Minnesota.....	1,495	1,018	1,252	1,434	975	1,219	37,922	25,838	34,132	74	208	122
Iowa.....	236	36	44	232	34	44	6,330	799	1,408	71	190	123
Missouri.....	174	74	92	134	63	80	2,661	1,449	2,000	79	146	137
North Dakota.....	2,203	2,522	2,724	1,990	2,444	2,640	42,403	51,324	55,440	66	190	109
South Dakota.....	1,878	1,508	1,583	1,632	1,432	1,518	32,004	31,504	34,914	69	192	108
Nebraska.....	1,357	533	560	1,130	467	472	21,370	10,274	9,204	66	154	107
Kansas.....	1,011	328	459	754	290	362	12,153	6,380	6,878	68	151	118
North Central.....	9,231	6,366	7,142	8,141	6,041	6,757	179,541	138,657	158,656	71.4	189	115
Delaware.....	7	13	13	6	12	12	185	366	354	86	145	133
Maryland.....	67	79	77	65	77	75	1,866	2,618	2,325	84	144	133
Virginia.....	73	86	96	69	84	94	1,864	2,478	3,243	87	145	132
West Virginia.....	9	9	10	9	9	10	235	266	330	88	166	146
North Carolina.....	36	53	41	28	43	34	665	1,204	799	104	161	166
South Carolina.....	21	27	26	18	24	22	377	624	473	112	173	170
Georgia.....	47	7	6	47	6	5	1,139	132	100	123	189	191
South Atlantic.....	219	274	269	202	255	252	5,302	7,688	7,624	90.0	151	140
Kentucky.....	99	71	70	70	53	49	1,617	1,325	1,348	86	149	147
Tennessee.....	94	88	86	78	77	75	1,525	1,617	1,650	91	146	150
Alabama.....	46	2	3	4	1	2	467	18	38	140	159	161
Mississippi.....	4	3	3	4	2	2	68	46	50	100	157	154
Arkansas.....	13	5	9	10	3	5	178	60	102	90	160	138
Oklahoma.....	437	140	126	351	120	110	5,786	2,160	1,705	70	141	135
Texas.....	330	171	188	237	144	122	4,049	2,520	1,891	70	133	134
South Central.....	978	480	485	749	400	365	13,236	7,746	6,784	74.9	141	141
Montana.....	428	837	904	398	796	868	10,161	18,706	24,304	65	141	98
Idaho.....	293	322	351	274	310	341	9,687	11,625	12,276	67	147	103
Wyoming.....	119	156	190	104	145	172	3,055	4,640	4,730	70	141	103
Colorado.....	732	669	723	602	605	611	14,144	10,940	15,275	68	149	104
New Mexico.....	34	42	30	27	36	27	536	702	567	77	148	124
Arizona.....	100	161	209	52	104	160	1,749	3,848	6,400	81	145	127
Utah.....	115	113	121	110	108	116	4,807	5,076	5,104	75	150	117
Nevada.....	19	22	24	18	20	22	633	740	814	85	152	124
Washington.....	185	114	135	159	104	125	5,846	3,640	4,312	72	156	115
Oregon.....	267	338	422	228	314	389	7,202	11,147	13,420	78	168	123
California.....	1,649	1,964	2,062	1,301	1,545	1,622	35,945	43,260	49,471	79	155	129
Western.....	3,942	4,738	5,171	3,273	4,087	4,453	93,764	120,324	136,673	73.5	151	116
United States.....	14,632	12,102	13,295	12,615	11,014	12,046	298,811	281,185	317,037	72.5	170	117

¹ Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.

² Preliminary.

³ For certain years, prices include an allowance for unredeemed loans at average loan value.

⁴ Short-time average.

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TABLE 70.—Barley: Acreage, yield per acre, and production in specified countries, year of harvest, averages 1935-39 and 1940-44, annual 1946-48¹

Continent and country	Acreage ²					Yield per acre ³					Production				
	Average		1946	1947	1948 ⁴	Average		1946	1947	1948 ⁴	Average ⁵		1946	1947	1948 ⁴
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:															
Canada.....	4,291	6,461	6,258	7,465	6,495	20.7	27.4	23.8	18.9	23.9	88,882	176,850	148,887	141,372	155,018
Mexico.....	374	391	421	423	418	10.6	13.2	13.0	13.6	13.2	3,960	5,171	5,461	5,769	5,512
United States.....	10,817	14,392	10,411	11,014	12,046	22.1	23.7	25.2	25.5	26.3	238,622	340,464	262,258	281,185	317,037
Estimated total ⁵	15,490	21,250	17,090	18,900	18,960						332,000	522,000	417,000	428,000	478,000
Europe:															
Austria.....	401	383	310	300	285	32.6	30.1	20.0	20.7	27.4	13,087	11,520	6,200	6,200	7,900
Belgium.....	74	137	170	237	210	48.2	47.6	47.6	42.2	52.4	3,570	6,525	8,100	10,000	11,000
Bulgaria.....	676	544	554	727		25.7	18.7	23.5	16.6		17,400	10,200	13,000	12,000	
Czechoslovakia.....	⁶ 1,600		1,420	1,450	1,450	32.4		28.2			⁶ 51,800		40,000	37,000	42,500
Denmark.....	946	984	1,025	1,152	1,096	55.9	56.0	62.1	53.0	61.1	52,881	55,084	63,696	61,040	67,000
Erie.....	118	172	144	146	120	45.9	43.1	41.7	42.5	54.2	5,413	7,417	6,000	6,200	6,500
Finland.....	280	294	345	341	326	28.3	21.7	23.2	22.6	30.2	7,900	6,373	8,000	7,700	9,847
France.....	1,897	1,790	1,900	2,367	2,027	27.9	23.7	26.8	23.2	28.8	53,015	42,500	51,000	55,000	58,474
Germany.....	3,120					41.7					130,000				
Greece.....	511	477	405	494	488	18.1	13.8	17.0	12.6	17.9	9,267	6,570	6,900	6,200	8,727
Hungary.....	1,163	1,235	1,275	1,300		25.9	24.3	15.9	16.9		30,178	30,000	20,267	22,000	
Italy.....	480	575	587	600	620	20.7	17.8	18.0	14.3	17.7	9,940	10,200	10,553	8,600	11,000
Netherlands.....	107	109	153	169	132	55.5	51.8	52.9	48.4	49.2	5,934	5,642	8,100	8,175	6,500
Norway.....	143	126	100	103	100	38.2	26.4	43.1	38.8	41.0	5,467	3,330	4,314	4,000	4,100
Poland.....	2,570					29.6					76,000				
Portugal.....	320		316	324	306	12.8		15.1	12.5	13.2	4,100		4,778	4,042	4,048
Rumania.....	2,030	² 1,620				13.8	15.3				28,000	248,000			
Spain.....	⁷ 4,549	4,075	3,850	3,775	3,850	⁷ 21.3	18.4	24.4	18.5	20.3	⁷ 97,059	75,000	94,000	70,000	78,000
Sweden.....	252	260	221	247	217	39.5	34.4	38.0	32.7	40.9	9,951	8,956	8,394	8,082	8,869
Switzerland.....	13	53	75	67	59	33.1	40.3	39.1	37.6	37.1	430	2,136	2,930	2,522	2,189
United Kingdom.....	934	1,620	2,211	2,060	2,083	39.2	40.9	41.4	36.7	45.2	36,596	66,183	91,625	75,530	94,220
Yugoslavia.....	1,045	1,000				18.0	16.6				18,800	16,600			
Estimated total ⁵	23,250	22,480	21,540	23,040	22,220						666,000	610,000	590,000	556,000	635,000
U.S.S.R. (Europe and Asia).....	26,600			20,500	21,500	16.0			15.1	14.9	425,000			310,000	320,000
Asia:															
Iran.....	⁶ 1,545	1,567		1,700	1,700	⁶ 23.1	21.5		21.0	23.5	⁶ 35,728	33,735	39,775	35,636	40,000
Iraq.....	⁶ 1,932	2,620	2,000	2,100	1,544	⁶ 11.6	10.3	14.2	13.8	17.5	23,635	27,100	28,476	29,000	27,000
Lebanon.....	⁽⁸⁾	88	54	54	54	⁽⁸⁾	14.0	22.1	21.3	22.6	⁽⁸⁾	1,234	1,194	1,148	1,222
Palestine.....	571	416				5.7	8.6				3,238	3,579	2,943		
Syria.....	⁸ 793	651	927	902	914	⁸ 19.4	17.8	14.0	10.0	15.1	⁸ 15,386	11,589	12,970	9,000	13,779

Turkey.....	4,592	4,822	4,016	4,302	4,670	20.9	17.6	21.2	15.9	19.3	96,129	85,017	85,000	68,212	90,000
China.....	⁶ 16,000	14,200	16,084	15,818	15,505	⁶ 21.7	21.7	20.0	22.0	22.0	⁶ 347,000	308,200	322,179	347,863	341,178
Manchuria.....	⁶ 353	237				⁶ 18.3	22.4				⁶ 6,462	5,300			
India and Pakistan ⁶	6,298	6,464	6,744	7,572	7,608	16.5	15.2	14.4	15.7	16.1	103,619	98,103	97,393	118,762	122,262
Japan.....	1,888	² 2,097	2,011	1,868	2,174	34.6	31.1	17.8	25.4	29.5	65,402	65,283	35,725	47,518	64,199
Korea.....	2,674	2,620				19.5	20.6				52,096	54,000			
Estimated total ⁵	37,880	37,070	37,370	38,360	38,400						769,000	715,000	679,000	713,000	757,000
Africa:															
Algeria.....	3,051	2,714	1,725	1,800	2,410	10.9	8.8	17.7	9.4	17.0	33,132	23,836	30,500	17,000	41,000
Egypt.....	276	331	254	246	228	38.8	35.2	32.1	31.7	33.5	10,697	11,662	8,159	7,794	7,644
French Morocco.....	4,448	5,130	2,498	3,850	3,650	12.0	9.8	15.7	15.6	16.0	53,279	50,189	39,109	60,000	58,500
Tunisia.....	1,182	1,180	1,203	988	1,329	7.7	4.8	6.0	4.6	3.4	9,048	5,695	7,165	4,593	4,500
Union of South Africa.....	⁶ 86	129	105	105	100	⁶ 18.4	15.1	18.2	21.0	18.0	1,555	1,946	1,910	2,200	1,800
Estimated total ⁵	10,350	10,800	7,390	8,380	8,930						121,000	107,000	102,000	103,000	127,000
South America:															
Argentina.....	1,286	1,090	2,427	1,630	1,700	17.6	22.8	22.2	24.5	17.6	22,586	24,805	53,801	40,000	30,000
Chile.....	184	122	147	154	164	27.4	28.3	30.9	32.0	24.3	5,041	3,453	4,541	4,930	3,986
Uruguay.....	44	54	56	52	79	14.8	12.8	9.4	10.0	14.3	649	693	526	521	1,128
Estimated total ⁵	2,140	1,910	3,330	2,600	2,670						38,000	39,000	70,000	58,000	48,000
Oceania:															
Australia.....	648	610	748	839	1,040	18.0	15.7	16.1	25.9	16.3	11,651	9,590	12,080	21,725	17,000
New Zealand.....	24	32	53	63	56	39.7	36.7	39.8	34.5	37.2	952	1,175	2,111	2,175	2,083
Total.....	672	642	801	902	1,096						12,603	10,765	14,191	23,900	19,083
Estimated world total ⁵	116,380	115,030	107,020	112,680	113,780						2,364,000	2,325,000	2,087,000	2,192,000	2,384,000

¹ Years shown refer to years of harvest for the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere in 1948 is combined with the Southern Hemisphere harvest which began late in 1948 and ended early in 1949.

² Figures refer to harvested areas as far as possible.

³ Yield per acre calculated from acreage and production data shown, except for incomplete periods.

⁴ Preliminary.

⁵ Estimated totals, which in the case of production are rounded to millions, include allowances for any missing data for countries shown and for other producing countries not shown.

⁶ Average of less than 5 years.

⁷ Figure for 1935 only.

⁸ Estimates for Syria and Lebanon not shown separately during this period.

⁹ Estimates for reporting areas only. Allowances for non-reporting areas, not shown, are included in estimated total for Asia.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 71.—*Barley: Production and farm disposition, United States, 1939-48*

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>		<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
1939.....	278, 193	158, 540	119, 653	1944.....	276, 112	147, 543	128, 569
1940.....	311, 278	194, 593	116, 685	1945.....	266, 833	114, 603	152, 230
1941.....	362, 568	227, 711	134, 857	1946.....	262, 258	110, 834	151, 424
1942.....	429, 450	263, 998	165, 452	1947.....	281, 185	113, 248	167, 937
1943.....	322, 913	180, 471	142, 442	1948 ¹	317, 037	127, 544	189, 493

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 72.—*Barley: Production and farm disposition, by States, crops of 1947 and 1948*

State	Crop of 1947			Crop of 1948 ¹		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Maine.....	112	109	3	128	125	3
Vermont.....	19	19		58	57	1
New York.....	2, 184	2, 009	175	2, 752	2, 559	193
New Jersey.....	396	285	111	429	309	120
Pennsylvania.....	4, 059	3, 572	487	3, 933	3, 500	433
Ohio.....	390	335	55	540	454	86
Indiana.....	546	475	71	648	518	130
Illinois.....	741	445	296	1, 260	630	630
Michigan.....	3, 450	2, 036	1, 414	4, 480	2, 688	1, 792
Wisconsin.....	5, 962	1, 848	4, 114	7, 752	2, 636	5, 116
Minnesota.....	25, 838	6, 976	18, 862	34, 132	9, 557	24, 575
Iowa.....	799	575	224	1, 408	887	621
Missouri.....	1, 449	1, 275	174	2, 000	1, 740	260
North Dakota.....	51, 324	14, 584	36, 440	55, 440	18, 850	36, 590
South Dakota.....	31, 504	13, 862	17, 642	34, 914	15, 013	19, 901
Nebraska.....	10, 274	6, 986	3, 288	9, 204	6, 443	2, 761
Kansas.....	6, 380	4, 338	2, 042	6, 878	4, 471	2, 407
Delaware.....	366	326	40	354	336	18
Maryland.....	2, 618	2, 042	576	2, 325	2, 023	302
Virginia.....	2, 478	2, 181	297	3, 243	2, 692	551
West Virginia.....	266	253	13	330	314	16
North Carolina.....	1, 204	879	325	799	663	136
South Carolina.....	624	399	225	473	326	147
Georgia.....	132	110	22	100	75	25
Kentucky.....	1, 325	994	331	1, 348	1, 078	270
Tennessee.....	1, 617	1, 261	356	1, 650	1, 287	363
Alabama.....	18	14	4	30	30	8
Mississippi.....	46	42	4	50	45	5
Arkansas.....	60	51	9	102	76	26
Oklahoma.....	2, 160	1, 814	346	1, 705	1, 296	409
Texas.....	2, 520	1, 714	806	1, 891	1, 418	473
Montana.....	18, 706	6, 547	12, 159	24, 304	8, 506	15, 798
Idaho.....	11, 625	5, 640	6, 045	12, 276	6, 384	5, 892
Wyoming.....	4, 640	3, 526	1, 114	4, 730	3, 595	1, 135
Colorado.....	16, 940	10, 353	6, 607	15, 275	9, 623	5, 652
New Mexico.....	702	491	211	567	391	176
Arizona.....	3, 848	770	3, 078	6, 400	1, 280	5, 120
Utah.....	5, 076	3, 401	1, 675	5, 104	3, 879	1, 225
Nevada.....	740	296	444	814	366	448
Washington.....	3, 640	1, 784	1, 856	4, 312	1, 595	2, 717
Oregon.....	11, 147	2, 787	8, 360	13, 420	3, 892	9, 528
California.....	43, 260	5, 624	37, 636	49, 471	5, 937	43, 534
United States.....	281, 185	113, 248	167, 937	317, 037	127, 544	189, 493

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

BARLEY

TABLE 73.—Barley: Stocks on and off farms, United States, 1939-48

Year beginning October—	On farms				Off farms ¹			
	Oct. 1	Jan. 1	Apr. 1	July 1 ²	Oct. 1	Jan. 1	Apr. 1	July 1 ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	201,000	134,300	80,000	43,200				
1940.....	232,000	170,000	102,500	55,500				
1941.....	278,000	195,300	118,000	66,350				
1942.....	333,000	234,500	144,000	81,000			45,446	39,522
1943.....	246,000	152,000	91,888	48,500	82,493	64,732	42,323	27,437
1944.....	180,385	135,200	84,076	54,100	82,132	78,097	57,487	40,971
1945.....	169,297	126,000	70,691	38,700	82,490	66,006	40,610	19,870
1946.....	159,635	110,000	66,531	30,000	75,754	65,691	44,603	25,565
1947.....	161,736	117,300	69,346	26,938	86,380	70,543	46,268	24,991
1948 ³	208,979	156,600	111,511	59,311	87,164	74,472	50,540	41,083

¹ Includes stocks in interior mills, elevators, and warehouses, merchant mills, and commercial stocks at terminals.

² Includes old crop only.

³ Preliminary.

Bureau of Agricultural Economics. Data for stocks on farms for October and April begin in 1939. Data for January and July, 1934-38, in Agricultural Statistics, 1945, table 74.

TABLE 74.—Barley: Receipts graded by licensed inspectors, by class and grade, United States, 1938-1947

Year beginning July—	Barley (class I)											Total class I barley
	Subclass (A) malting barley				Subclass (B) barley							
	No. 1	No. 2	No. 3	Total	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total	
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1938.....	1,131	2,109	10,422	13,662	14,750	10,752	29,741	8,770	2,661	2,517	69,191	82,853
1939.....	7,005	12,190	24,317	43,512	8,350	8,003	18,010	7,304	1,357	1,688	44,712	88,224
1940.....	15,742	18,253	15,808	49,803	8,914	5,630	10,256	6,581	1,941	4,054	37,376	87,179
1941.....	10,629	13,352	18,461	42,442	17,707	11,184	25,224	13,358	2,690	5,683	75,846	118,288
1942.....	9,194	7,862	15,456	32,512	29,485	13,379	37,062	18,224	3,547	7,810	109,507	142,019
1943.....	4,789	3,377	13,819	21,985	52,510	22,357	40,594	19,282	3,811	7,539	146,093	168,078
1944.....	4,623	2,783	9,245	16,651	56,726	24,888	39,579	27,845	8,841	12,536	170,415	187,066
1945.....	8,309	5,458	7,473	21,240	51,860	24,490	29,971	12,292	4,250	7,864	130,727	151,967
1946.....	8,829	4,454	4,949	18,232	70,210	29,363	21,044	8,085	2,723	5,516	136,941	155,173
1947.....	15,972	6,344	10,847	33,163	57,690	23,991	25,345	10,250	2,852	5,332	125,460	158,623

Year beginning July—	Western barley (class III)							Total all classes
	No. 1	No. 2	No. 3	No. 4	No. 5	Sample	Total class III	
		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	
1938.....	5,414	1,498	546	184	70	227	7,939	
1939.....	6,235	1,902	522	192	69	147	9,067	
1940.....	5,935	1,851	662	339	109	162	9,058	
1941.....	5,451	1,998	843	429	213	490	9,424	
1942.....	10,722	4,667	2,130	1,270	744	307	19,840	
1943.....	12,976	5,510	2,323	1,088	626	339	22,862	
1944.....	14,284	5,900	1,723	614	218	405	23,144	
1945.....	14,510	6,200	1,633	521	275	401	23,740	
1946.....	20,117	4,687	1,212	462	171	314	26,963	
1947.....	27,242	6,622	1,920	600	260	407	37,051	

¹ Includes class II, Black barley, and class IV, Mixed barley, not shown separately in table.

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,600 bushels per car for the years 1938-43 and 1,900 bushels for the years 1944-47.

TABLE 75.—Barley: Supply and distribution, 1939-49

SUPPLY

Year beginning July—	Carry-over, July 1				Production	Imports ²	Total supply
	Farm	Terminal market ¹	Interior mill, elevator, and warehouse	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	45,000	6,210	-----	³ 51,210	278,193	2,694	³ 332,097
1940.....	43,200	6,956	-----	³ 50,156	311,278	2,335	³ 363,769
1941.....	55,500	4,931	-----	³ 60,431	362,568	2,323	³ 425,322
1942.....	66,350	3,600	-----	³ 69,950	429,450	27,245	³ 526,645
1943.....	81,000	9,028	30,494	120,522	322,913	41,179	484,614
1944.....	48,500	6,923	20,514	75,937	276,112	37,932	389,981
1945.....	54,100	14,479	26,492	95,071	266,833	5,814	367,718
1946.....	38,700	4,464	15,406	58,570	262,258	4,286	325,114
1947.....	30,000	7,753	17,812	55,565	281,185	1,187	337,937
1948.....	26,938	6,740	18,251	51,929	317,037	12,063	381,029
1949 ⁴	59,311	14,922	26,161	100,394	233,395	-----	-----

DISTRIBUTION

Year beginning July—	Used in producing malt		Seed ⁷	Feed, other uses, and waste ⁸	Domestic disappearance ⁹	Exports ²	Total disappearance	Stocks, end of year
	For alcohol and alcoholic beverages ⁵	For other purposes ⁶						
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	57,376	3,175	25,573	190,990	277,114	4,827	281,941	³ 50,156
1940.....	58,441	3,636	25,847	213,427	301,351	1,987	303,338	³ 60,431
1941.....	69,353	4,318	32,088	246,192	351,951	3,421	355,372	³ 69,950
1942.....	78,994	5,500	28,483	321,462	434,439	2,178	436,617	¹⁰ 90,028
1943.....	84,644	6,128	23,369	291,556	405,697	2,980	408,677	75,937
1944.....	94,149	5,506	18,983	171,577	290,215	4,695	294,910	95,071
1945.....	81,838	6,806	18,674	192,571	299,889	9,259	309,148	58,570
1946.....	87,683	6,951	19,605	138,925	253,164	¹¹ 16,385	269,549	55,565
1947.....	92,865	6,500	21,538	140,962	261,865	¹¹ 24,143	286,008	51,929
1948 ⁴	90,153	6,000	18,452	138,680	253,285	¹¹ 27,350	280,635	100,394

¹ Commercial stocks at terminal markets.

² Compiled from reports of the Bureau of Foreign and Domestic Commerce and Bureau of the Census. Both imports and exports include grain equivalent of malt.

³ Exclusive of stocks at interior mills, elevators, and warehouses, data for which are not available.

⁴ Preliminary.

⁵ Compiled from reports of the Bureau of Internal Revenue. Includes small quantities of barley grain.

⁶ Estimated on basis of total malt production and quantities exported, imported, and used in alcohol and alcoholic beverages.

⁷ Based on acreage seeded to the following crop.

⁸ Residual, mostly feed.

⁹ Total disappearance, minus exports of barley grain and grain-equivalent of malt.

¹⁰ Excludes interior mill, elevator, and warehouse stocks, for computing 1942-43 disappearance.

¹¹ Includes exports for military civilian-feeding abroad.

Bureau of Agricultural Economics.

TABLE 76.—*Barley: Average price per bushel for specified grades at selected markets, 1939-48*

Year beginning August	Minneapolis ¹		Kansas City ²	San Francisco ²	Chicago ³	Winnipeg ³
	No. 3	No. 2 Malting	No. 3	Feed barley	Feed barley	No. 3 Western
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1939.....	49.2	55.3	49.2	45.1	42.2	40
1940.....	48.3	51.8	45.7	54.8	46.6	41
1941.....	65.5	78.6	54.7	82.6	56.1	54
1942.....	78.3	92.0	81.1	85.9	76.8	56
1943.....	121.4	128.8	114.5	124.8	116.8	59
1944.....	118.6	130.2	107.2	109.8	101.8	59
1945.....	127.7	131.3	122.9	134.0	119.8	59
1946.....	173.9	177.9	140.9	150.7	136.7	85
1947.....	221.8	231.9	177.2	184.8	177.2	⁴ 111
1948.....	130.2	139.8	114.9	125.8	111.6	⁴ 119

¹ Average of daily prices, weighted by carlot sales.

² Average of daily prices.

³ Average spot price in United States currency.

⁴ Export price to countries other than United Kingdom.

Bureau of Agricultural Economics and Production and Marketing Administration.

TABLE 77.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1929-48¹

Calendar year	Wheat		Rye		Rice (milled)		Corn ⁴					Oats		Barley			
	Total Wheat consumed	Per capita consumption of food products		Total rye consumed	Per capita consumption of rye flour	Total rice consumed ³	Per capita consumption of food products	Total corn consumed	Per capita consumption of food products					Total oats consumed	Per capita consumption of oatmeal	Total barley consumed ⁵	Per capita consumption of food products ⁽⁶⁾
		Wheat flour ²	Cereal						Meal	Cereal	Sirup	Sugar	Starch				
	Million bushels	Pounds	Pounds	Million bushels	Pounds	Million pounds	Pounds	Million bushels	Pounds	Pounds	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds	
1929.....	501	171	3.5	9.8	3.4	702	5.8	155	30.3	3.1	7.8	6.2	1.7	35	5.2	16	4.9
1930.....	500	169	3.5	9.4	3.2	649	5.3	145	28.1	3.0	7.4	5.8	1.4	41	6.0	18	5.4
1931.....	487	163	3.5	10.1	3.5	715	5.7	135	26.4	3.0	6.6	5.4	1.3	44	6.3	19	5.7
1932.....	470	156	3.5	8.9	3.0	662	5.3	131	26.3	2.7	5.8	5.2	1.1	40	5.7	14	4.2
1933.....	460	152	3.5	7.7	2.6	762	6.0	135	25.6	2.5	7.3	5.6	1.4	35	4.9	10	2.8
1934.....	463	152	3.5	7.4	2.5	596	4.7	127	25.2	1.9	7.3	4.2	1.4	32	4.5	7	2.2
1935.....	460	150	3.6	7.6	2.5	713	5.6	116	24.5	1.4	6.8	2.4	1.2	29	4.0	5	1.5
1936.....	485	157	3.5	7.0	2.3	665	5.2	124	24.0	1.5	8.4	2.8	1.4	28	3.9	5	1.5
1937.....	474	152	3.6	6.4	2.1	763	5.9	118	22.7	1.6	7.5	2.7	1.3	27	3.8	5	1.4
1938.....	480	153	3.7	6.3	2.1	764	5.9	119	22.0	1.7	7.6	2.6	1.3	28	3.8	4	1.3
1939.....	478	151	3.9	6.9	2.2	731	5.6	121	21.5	1.9	7.9	2.9	1.4	28	3.8	4	1.1
1940.....	469	147	3.8	7.3	2.4	775	5.9	121	21.7	1.9	7.8	2.9	1.3	29	4.0	4	1.1
1941 ⁷	479	150	3.8	6.9	2.2	769	5.8	139	20.5	2.3	8.5	4.0	1.5	29	4.0	5	1.3
1942 ⁷	492	155	3.8	7.8	2.5	700	5.3	159	19.8	2.5	13.8	4.7	1.7	35	4.8	5	1.5
1943 ⁷	503	164	3.8	9.3	3.1	735	5.6	153	20.6	2.5	11.8	4.2	1.8	41	4.1	6	1.8
1944 ⁷	473	154	3.7	7.9	2.6	696	5.4	147	19.5	2.5	11.6	3.9	1.4	31	3.2	5	1.4
1945 ⁷	488	158	3.7	7.6	2.6	633	4.9	147	18.0	2.2	11.9	3.9	1.9	36	3.6	6	1.5
1946 ⁷	490	154	3.5	6.1	1.9	540	4.0	149	15.9	2.0	11.8	3.8	1.8	39	3.7	8	2.0
1947 ⁷	465	135	3.5	5.6	1.7	826	5.8	156	14.6	1.7	12.8	4.5	1.9	38	3.5	8	1.9
1948 ^{7,8}	474	135	3.5	5.4	1.6	707	4.9	133	14.5	1.7	8.2	4.0	1.7	37	3.4	6	1.5

¹ Consumption data for most grains are measured at the processing level. Total consumption is the grain equivalent of the food products processed from the grains.

² Includes white, whole wheat, and semolina flour.

³ Rice consumption for year beginning August previous to the year stated. Table rice used by brewers excluded, beginning August 1934.

⁴ Excludes corn and corn products used in the production of alcoholic beverages. Total corn includes an allowance for the quantity used as hominy and grits.

⁵ Barley consumed in food products, excluding malt beverages, expressed in terms of grain equivalent. Includes quantities used as pearl barley, flour, and malt extract.

⁶ Malt equivalent.

⁷ The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the civilian population adjusted for underenumeration of children under 5 years of age and members of the armed forces eating out of civilian supplies.

⁸ Preliminary.

Bureau of Agricultural Economics. All figures are estimates based on data from the Census of Manufactures, the Corn Refiners Statistical Bureau, the Department of Commerce, the Bureau of Internal Revenue, and other sources. Data for 1909-1928 in Agricultural Statistics, 1944, table 80.

TABLE 78.—Sorghums for grain, forage, and silage: Acreage, production, season average price received by farmers, and value, United States, 1929-48

Year	Acreage planted for all purposes ¹	Grain ²				Forage				Silage		
		Acreage harvested	Production	Price ³	Farm value	Acreage harvested	Production	Price ⁴	Farm value	Acreage harvested	Production	
												1,000 acres
1929												
1929	8,830	3,523	49,967	74.5	37,240	4,609	6,683	9.98	66,673	103	628	
1930	9,447	3,477	37,561	55.3	20,788	5,089	6,326	9.62	60,852	106	572	
1931	10,685	4,443	71,914	30.0	21,573	5,392	7,180	6.01	43,138	133	775	
1932	12,070	4,400	66,097	29.8	19,669	6,172	8,071	4.18	33,705	232	1,345	
1933	12,602	4,354	54,386	50.6	27,515	6,697	8,418	5.45	45,911	377	1,791	
1934		2,370	18,599									
1934	14,612	2,396	19,209	94.8	18,201	8,182	7,417	10.61	78,695	816	2,244	
1935	16,492	4,597	57,610	55.3	31,855	9,072	12,052	6.15	74,121	666	3,133	
1936	13,355	2,793	30,270	94.8	28,709	6,975	6,579	8.38	55,123	749	2,874	
1937	13,001	4,915	69,948	50.1	35,053	6,036	7,713	7.08	54,570	580	2,988	
1938	15,561	4,699	67,210	39.1	26,261	8,636	12,553	4.87	61,092	740	4,512	
1939		4,698	58,442									
1939	17,863	4,760	53,280	56.9	30,321	9,826	11,716	5.82	68,177	904	4,364	
1940	21,208	6,374	85,824	47.8	41,019	11,729	16,110	5.22	84,119	1,081	6,217	
1941	18,800	6,015	113,543	54.9	62,319	10,481	17,069	5.25	89,549	1,233	7,896	
1942	16,082	5,991	109,653	77.7	85,223	7,865	13,640	5.55	75,712	927	6,032	
1943	17,726	6,889	109,536	114.0	124,885	8,404	10,982	13.00	142,848	913	4,733	
1944		9,061	177,702									
1944	18,458	9,385	184,962	91.3	168,880	7,587	11,553	10.90	125,807	879	5,641	
1945	15,912	6,408	97,014	119.0	115,816	7,504	9,816	12.00	117,957	680	3,622	
1946	14,749	6,773	106,941	139.0	148,753	6,240	8,601	14.60	125,755	644	3,685	
1947	11,746	5,629	96,016	183.0	175,947	4,871	6,078	17.30	105,236	669	3,448	
1948 ⁸	13,813	7,298	131,644	123.0	162,003	5,144	7,616	15.60	118,765	633	4,549	

¹ Grain and sweet sorghums for all uses, including sirup.² Includes both grain sorghums for grain and sweet sorghums for grain or seed.³ Based on the reported price of grain sorghums.⁴ Dec. 1 price; prior to 1942, price of sweet sorghums for forage and hay.⁵ Dry weight.⁶ Green weight.⁷ Includes an allowance for unredeemed loans at average loan value.⁸ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 79.—Sorghums for grain, forage, and silage: Acreage, yield, production, and season average price received by farmers, by States, average 1937-46, annual 1947 and 1948

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46 (?)	1947	1948 ¹
Indiana	42	1	1	27.1	26.0	32.0	450	26	32	92	156	96
Iowa	3	1	1	22.4	16.0	19.5	71	16	20	84	165	100
Missouri	59	38	27	19.2	16.0	24.0	1,151	608	648	88	204	119
North Dakota	45	5	6	14.2	15.0	16.0	465	75	96	49	165	98
South Dakota	116	18	20	10.8	9.0	15.5	1,226	162	310	75	156	98
Nebraska	164	44	73	15.2	15.0	23.0	2,242	660	1,679	73	187	123
Kansas	1,280	754	1,208	14.3	14.5	22.0	19,310	10,933	26,576	77	196	120
North Carolina		7	21		25.0	22.0		175	462		170	119
Alabama		43	54		20.0	23.5		860	1,269		169	125
Arkansas	10	10	16	14.9	15.5	22.0	148	155	352	95	166	125
Louisiana	1	1	1	15.8	16.0	17.5	22	16	18	94	167	115
Oklahoma	755	471	605	11.7	11.0	16.0	8,921	5,181	9,680	83	192	120
Texas	3,284	3,801	4,635	16.6	18.0	16.5	55,552	68,313	76,434	78	178	123
Colorado	167	160	172	11.8	15.0	18.0	2,028	2,400	3,096	74	182	118
New Mexico	200	152	267	12.7	10.5	14.0	2,816	1,603	3,738	74	176	120
Arizona	35	53	75	33.1	41.0	40.0	1,186	2,173	3,000	91	212	137
California	138	70	116	35.6	38.0	36.5	4,915	2,660	4,234	100	234	150
United States	6,221	5,629	7,298	15.7	17.1	18.0	99,791	96,016	131,644	79.0	183	123

See footnotes at end of table.

TABLE 79.—Sorghums for grain, forage, and silage: Acreage, yield, production, and season average price received by farmers, by States, average 1937-46, annual 1947 and 1948—Continued

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons (5)	Tons (5)	Tons (5)	1,000 tons ²	1,000 tons ²	1,000 tons ²	Dol-lars ³	Dol-lars ³	Dol-lars ³
Illinois.....	6	2	2	2.64	2.50	3.50	15	5	7	7.06	11.00	9.00
Minnesota.....	19	10	7	2.85	2.20	3.10	54	22	22	4.06	8.30	10.60
Iowa.....	33	2	3	3.32	2.50	3.00	112	5	9	5.35	8.80	12.00
Missouri.....	221	111	109	2.25	1.80	2.50	605	200	272	6.90	10.00	9.00
North Dakota.....	104	54	41	1.46	1.40	1.40	155	76	57	4.60	10.00	11.00
South Dakota.....	599	152	124	1.39	1.30	1.80	797	198	223	4.32	8.60	10.20
Nebraska.....	698	273	275	1.66	1.50	1.50	1,144	410	412	5.12	9.10	10.40
Kansas.....	1,377	989	792	1.79	1.40	2.00	2,476	1,385	1,584	6.04	12.50	8.90
Virginia.....	5	13	7	1.86	2.10	2.50	10	27	18	12.80	18.50	18.50
North Carolina.....	15	14	14	1.94	2.15	2.25	30	30	32	14.70	20.50	19.00
South Carolina.....	19	19	25	1.36	1.40	1.45	26	27	36	14.20	25.00	24.00
Georgia.....	36	35	38	1.28	1.30	1.30	47	46	49	13.80	19.00	20.00
Kentucky.....	29	24	17	2.57	3.00	2.50	75	72	42	7.45	10.30	13.00
Tennessee.....	38	31	26	2.10	2.30	2.35	81	71	61	9.56	13.00	12.90
Alabama.....	27	31	41	1.45	1.35	1.50	39	42	62	13.70	22.50	20.50
Mississippi.....	25	18	18	1.60	1.70	1.95	40	31	35	13.40	22.00	18.00
Arkansas.....	87	66	61	1.47	1.40	1.85	129	92	113	10.10	17.30	11.60
Louisiana.....	8	5	6	1.53	1.35	1.45	12	7	9	10.60	16.00	15.00
Oklahoma.....	1,093	818	809	1.29	1.10	1.50	1,409	900	1,214	9.47	17.50	14.20
Texas.....	3,229	1,750	2,248	1.24	1.10	1.22	4,022	1,925	2,750	11.20	25.00	22.00
Montana.....	8	5	4	1.20	1.30	1.50	10	6	6	6.27	11.00	11.00
Wyoming.....	17	7	4	.74	.75	.75	13	5	3	6.74	13.00	13.00
Colorado.....	484	304	300	1.03	1.30	1.40	508	395	420	7.39	14.00	14.10
New Mexico.....	242	133	168	.99	.67	1.00	244	89	168	10.90	23.00	19.00
Arizona.....	6	3	3	1.84	1.75	1.75	11	5	5	10.70	20.00	20.00
California.....	43	2	2	3.70	3.50	3.50	410	7	7	8.00	15.00	15.00
United States.....	8,431	4,871	5,144	1.42	1.25	1.48	11,975	6,078	7,616	8.43	17.30	15.60

SILAGE

Indiana.....	6	2	2	10.7	8.5	11.5	69	17	23	-----	-----	-----
Illinois.....	12	2	2	10.4	9.0	10.5	123	18	21	-----	-----	-----
Minnesota.....	11	2	2	7.7	6.0	8.0	90	12	16	-----	-----	-----
Iowa.....	22	3	2	10.4	6.0	9.5	244	18	19	-----	-----	-----
Missouri.....	36	36	38	8.2	7.0	10.0	298	252	380	-----	-----	-----
North Dakota.....	6	1	1	2.8	3.0	3.0	15	3	3	-----	-----	-----
South Dakota.....	23	9	5	2.7	2.5	5.5	55	22	28	-----	-----	-----
Nebraska.....	90	22	18	5.0	4.3	5.5	459	95	99	-----	-----	-----
Kansas.....	337	409	367	6.0	5.3	7.6	2,053	2,168	2,789	-----	-----	-----
South Carolina.....	2	3	3	5.4	5.0	5.5	13	15	16	-----	-----	-----
Georgia.....	4	4	5	5.0	4.5	5.0	17	18	25	-----	-----	-----
Tennessee.....	6	6	7	7.6	7.0	7.5	46	42	52	-----	-----	-----
Alabama.....	5	5	8	6.9	6.5	7.0	35	32	56	-----	-----	-----
Mississippi.....	10	13	15	8.6	8.2	9.0	87	107	135	-----	-----	-----
Arkansas.....	4	3	5	5.8	5.3	7.0	22	16	35	-----	-----	-----
Oklahoma.....	63	61	59	4.4	3.7	5.5	276	226	324	-----	-----	-----
Texas.....	187	72	70	4.4	3.8	4.6	840	270	325	-----	-----	-----
Colorado.....	8	6	7	3.8	4.5	6.0	33	27	42	-----	-----	-----
New Mexico.....	11	2	3	3.6	3.0	3.7	43	6	11	-----	-----	-----
Arizona.....	8	4	10	10.6	11.0	11.0	82	44	110	-----	-----	-----
California.....	3	4	4	10.3	10.0	10.0	35	40	40	-----	-----	-----
United States.....	858	669	633	5.74	5.15	7.19	4,969	3,448	4,549	-----	-----	-----

¹ Preliminary.² For certain years, prices for sorghums for grain include an allowance for unredeemed loans at average loan value.³ Based on the reported price of grain sorghums.⁴ Short-time average.⁵ Dry weight for forage; green weight for silage.⁶ Dec. 1 price; prior to 1942, price for sweet sorghums for forage and hay.

Bureau of Agricultural Economics.

TABLE 80.—*Sorghum grain: Production and farm disposition, United States, 1939-48*

Crop of—	Production	Feed and seed	Sold	Crop of—	Production	Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	53,280	39,131	14,149	1944.....	184,962	78,220	106,742
1940.....	85,824	58,948	26,876	1945.....	97,014	42,837	54,177
1941.....	113,543	75,614	37,929	1946.....	106,941	40,138	66,803
1942.....	109,653	76,024	33,629	1947.....	96,016	30,518	65,498
1943.....	109,536	51,036	58,500	1948 ¹	131,644	52,012	79,632

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 81.—*Sorghum grain: Production and farm disposition, by States, crops of 1947 and 1948*

State	Crop of 1947			Crop of 1948 ¹		
	Production	Feed and seed	Sold	Production	Feed and seed	Sold
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Indiana.....	26	13	13	32	22	10
Iowa.....	16	8	8	20	10	10
Missouri.....	608	547	61	648	557	91
North Dakota.....	75	45	30	96	58	38
South Dakota.....	162	105	57	310	186	124
Nebraska.....	660	442	218	1,679	839	840
Kansas.....	10,933	5,357	5,576	26,576	11,693	14,883
North Carolina.....	175	121	54	462	346	116
Alabama.....	860	705	155	1,269	1,104	165
Arkansas.....	155	144	11	352	317	35
Louisiana.....	16	15	1	18	17	1
Oklahoma.....	5,181	3,886	1,295	9,680	6,195	3,485
Texas.....	68,313	17,078	51,235	76,434	27,516	48,918
Colorado.....	2,400	720	1,680	3,096	867	2,229
New Mexico.....	1,603	641	962	3,738	1,308	2,430
Arizona.....	2,173	239	1,934	3,000	300	2,700
California.....	2,660	452	2,208	4,234	677	3,557
United States.....	96,016	30,518	65,498	131,644	52,012	79,632

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 82.—*Grain sorghums: Receipts graded by licensed inspectors, by grades, United States, 1938-47*

Year beginning October—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Percent</i>
1938.....	1,127	2,476	391	120	209	4,323	83
1939.....	977	1,953	337	98	122	3,487	84
1940.....	769	3,704	1,156	734	448	6,811	66
1941.....	1,658	12,572	5,488	1,701	1,058	22,477	63
1942.....	10,042	15,794	3,214	920	2,439	32,409	80
1943.....	20,104	26,907	4,901	1,593	3,479	56,984	82
1944.....	43,360	82,747	17,636	6,404	10,350	160,497	78
1945.....	11,907	30,192	9,122	2,853	10,768	64,842	65
1946.....	18,370	50,454	12,801	2,997	9,330	93,952	73
1947.....	18,088	37,633	9,366	4,466	7,919	77,472	72

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,400 bushels per car for the years 1938-43 and 1,700 bushels for the years 1944-47.

TABLE 83.—*Grain sorghums: Average market price at indicated markets and season average price received by farmers per 100 pounds, 1938-47*

Year beginning October—	No. 2 Yellow Milo			No. 2 White Kafir		Average price received by farmers in—				
	Kansas City	Fort Worth	Los Angeles	Kansas City	Fort Worth	California	Kansas	Oklahoma	Texas	United States
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1938.....	0.91	1.02	1.23	0.89	0.99	0.95	0.62	0.79	0.66	0.70
1939.....	1.25	1.26	1.36	1.20	1.22	1.23	.98	1.12	1.00	1.02
1940.....	.98	1.15	1.41	.97	1.14	1.09	.71	.91	.91	.85
1941.....	1.22	1.23	1.72	1.23	1.18	1.50	.95	1.04	.95	.98
1942.....	1.97	1.97	2.47	1.97	1.95	1.70	1.52	1.55	1.30	1.39
1943.....	2.34	2.34	2.68	2.34	2.35	2.64	2.09	2.20	1.96	2.04
1944.....	2.14	2.12	2.46	2.13	2.11	2.09	1.62	1.66	1.61	1.63
1945.....	2.72	2.79	3.21	2.72	2.79	2.66	2.09	2.14	2.11	2.12
1946.....	2.90	2.91	3.30	2.90	2.91	2.79	2.32	2.41	2.52	2.48
1947.....	3.58	3.52	3.89	3.58	3.52	4.18	3.50	3.43	3.18	3.27

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 84.—*Feed grains: Average price per 100 pounds, selected markets and grades, 1938-47*

Year beginning October—	Kansas City				Chicago		
	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, No. 3	Grain sorghum, No. 2 Yellow Milo	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, feed
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1938.....	0.83	0.89	0.82	0.91	0.86	0.96	0.84
1939.....	1.02	1.14	1.02	1.25	.97	1.20	.88
1940.....	1.05	1.15	.97	.98	1.19	1.19	1.01
1941.....	1.39	1.50	1.19	1.22	1.42	1.59	1.20
1942.....	1.60	2.08	1.84	1.97	1.62	2.02	1.77
1943.....	2.01	2.45	2.37	2.34	2.04	2.46	2.41
1944.....	1.96	2.20	2.24	2.14	2.06	2.19	2.13
1945.....	2.44	2.48	2.68	2.72	3.46	2.48	2.58
1946.....	2.74	2.91	3.04	2.90	3.22	2.92	2.98
1947.....	4.35	3.54	3.52	3.58	4.16	3.50	3.52

Year beginning October—	Minneapolis			San Francisco		
	Corn, No. 3 Yellow	Oats, No. 3 White	Barley, No. 3	Corn, No. 2 Yellow	Barley, No. 2 Bright Western	Grain sorghum, No. 2 Yellow Milo
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1938.....	0.80	0.89	0.86	1.32	1.00	1.20
1939.....	.94	.98	.94	1.54	.92	1.40
1940.....	1.14	1.12	.93	1.60	1.28	1.34
1941.....	1.31	1.42	1.22	1.83	1.69	1.73
1942.....	1.68	1.92	1.71	2.19	1.96	2.32
1943.....	2.01	2.37	2.35	2.52	2.54	2.82
1944.....	1.98	2.10	2.19	2.51	2.31	2.46
1945.....	2.83	2.38	2.56	3.00	2.91	3.17
1946.....	3.00	2.85	2.99	3.70	3.24	3.38
1947.....	4.09	3.33	3.40	4.62	3.70	4.10

Production and Marketing Administration and Bureau of Agricultural Economics. Prices of corn and oats at Kansas City, Chicago, and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and grain sorghum at Kansas City and of barley at Chicago and Minneapolis are average of prices at the close of each day. Prices at San Francisco are the average of prices on one day each week.

TABLE 85.—*Feedstuffs: Estimated disappearance for feed, United States, 1938-47*

Year beginning October—	Mill products ¹								Total
	Wheat mill- feeds	Gluten feed and meal	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp ²	Alfalfa meal		
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1938.....	4,762	567	124	104	149	339	410	6,455	
1939.....	4,625	614	120	100	163	286	440	6,348	
1940.....	4,786	759	125	116	206	322	470	6,784	
1941.....	4,619	965	125	174	345	298	590	7,116	
1942.....	5,324	927	145	230	356	300	680	7,962	
1943.....	5,547	842	139	231	444	161	734	8,098	
1944.....	5,638	864	150	217	634	182	922	8,607	
1945.....	4,896	802	155	213	326	218	1,191	7,801	
1946.....	6,144	1,040	166	229	410	300	1,036	9,325	
1947.....	5,540	799	177	228	353	311	1,013	8,421	

Year beginning October—	Oilseed cake and meal						Animal proteins				Total feed- stuffs
	Cot- ton seed	Soy- bean	Lin- seed	Pea- nut	Copra	Total	Tank- age and meat scraps ³	Fish meal	Dried milk ⁴	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	
1938.....	2,013	1,020	203	78	130	3,444	667	246	135	1,048	10,947
1939.....	1,762	1,276	394	38	180	3,650	728	238	155	1,121	11,119
1940.....	1,862	1,491	740	137	175	4,405	802	263	150	1,215	12,404
1941.....	1,821	1,785	891	71	71	4,639	835	207	130	1,172	12,927
1942.....	2,078	3,074	794	109	34	6,089	877	202	95	1,174	15,225
1943.....	1,790	3,323	998	111	33	6,255	975	196	105	1,276	15,629
1944.....	1,982	3,627	459	96	42	6,206	792	210	105	1,107	15,920
1945.....	1,433	3,655	563	[83	69	5,803	745	194	100	1,039	14,643
1946.....	1,434	3,746	370	88	190	5,828	741	191	115	1,047	16,200
1947.....	1,954	3,440	605	106	177	6,282	822	200	90	1,112	15,815

¹ Other mill products, not listed, are screenings, hominy, and oat feeds, etc., for which no statistics are available.

² Does not include moist sugar-beet pulp.

³ Estimated on basis of Census reports for 1937-43.

⁴ Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 86.—*Feedstuffs futures: Volume of trading and annual average of month-end open contracts on all contract markets, 1939-48*

Year beginning October—	Volume of trading				Average of open contracts			
	Bran	Shorts	Cotton- seed meal ¹	Soybean meal ¹	Bran	Shorts	Cotton- seed meal	Soybean meal
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1939.....	380.6	83.2	713.0	116.1	23.2	5.1	(⁵)	(⁵)
1940.....	563.1	217.0	705.6	621.6	32.4	13.0	32.8	49.2
1941.....	475.0	156.9	648.7	354.1	32.1	9.2	39.9	18.5
1942.....	154.3	41.8	33.4	14.1	11.0	3.7	1.8	.6
1943.....	.4	0	0	1.1	(⁵)	0	0	.1
1944.....	4.0	0	.2	1.3	.7	0	.1	.4
1945.....	0	0	.4	0	0	0	(⁵)	0
1946.....	191.7	118.0	151.9	228.7	10.4	6.3	12.0	17.5
1947.....	600.4	309.4	347.9	438.4	29.7	17.1	22.5	26.3
1948 ⁶	236.4	147.8	264.9	373.7	15.9	10.9	22.4	27.0

¹ Figures prior to March 17, 1941 obtained from the Memphis Merchants Exchange Clearing Association.

² Trading began July 8, 1940.

³ Open contracts figures from required reports not available prior to March 17, 1941.

⁴ 7-months average.

⁵ Less than 50 tons.

⁶ Through June 1949.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members, except as noted.

TABLE 87.—*Feedstuffs: Average price per ton, bagged, in wholesale lots, at leading markets, 1938-47*

Year beginning October—	Bran			Mill-run	Mid-dlings	Gray shorts	Cottonseed meal		Linseed meal		Soybean meal
	Minneapolis	Kansas City	Buffalo	Portland	Minneapolis	Kansas City	41 percent protein	43 percent protein	34 percent protein (1)	32 percent protein (2)	41 percent protein
							Memphis	Fort Worth	Minneapolis	Buffalo	Chicago
1938.....	Dollars 17.40	Dollars 15.95	Dollars 21.05	Dollars 19.00	Dollars 18.65	Dollars 19.70	Dollars 22.50	Dollars 28.50	Dollars 36.90	Dollars 39.15	Dollars 26.00
1939.....	20.15	18.90	23.60	22.20	20.75	22.30	28.00	33.85	29.90	31.00	28.90
1940.....	22.25	20.60	25.65	23.40	22.90	22.70	28.50	34.85	29.65	28.30	30.50
1941.....	32.85	31.25	36.85	34.15	33.25	33.30	36.35	44.25	37.55	34.70	41.85
1942.....	36.20	34.85	40.20	36.10	36.35	36.10	40.10	45.20	44.80	45.50	42.80
1943.....	37.75	36.50	41.55	36.50	37.75	36.50	48.50	53.00	45.50	49.50	51.90
1944.....	37.75	36.50	41.55	36.50	37.75	36.50	48.55	52.80	45.50	49.50	52.00
1945.....	43.50	42.30	47.60	42.95	43.65	42.50	60.10	63.85	55.55	59.40	62.40
1946.....	51.30	49.95	56.50	52.90	55.70	56.50	75.85	80.45	81.55	87.70	81.10
1947.....	62.10	59.95	68.90	66.00	68.30	69.65	83.20	87.60	81.25	85.50	91.60

Year beginning October—	Gluten feed, 23 percent protein	Hominy feed, white	Brewers' dried grains	Distillers' dried grains	Alfalfa meal		Copro meal, 20 percent protein	Peanut meal, 45 percent protein	Fish meal, 67 percent protein	Tankage, digester, 60 percent protein	Index numbers (Oct. 1935-Sept. 1940 = 100) 3
	Chicago	Chicago	Milwaukee	Cincinnati	Sun-dured, No. 1 fine	Dehydrated, 17 percent protein					
					Kansas City	Kansas City						San Francisco	South-eastern mills	San Francisco	Chicago
1938.....	Dollars 18.80	Dollars 20.35	Dollars 16.90	Dollars 26.30	Dollars 19.60	Dollars 27.25	Dollars 25.60	Dollars 22.05	Dollars 42.55	Dollars 52.55	89.5
1939.....	22.05	23.60	22.10	28.10	22.05	30.15	24.60	29.35	51.20	49.65	98.8
1940.....	23.15	27.30	23.10	28.55	21.95	27.55	28.65	25.55	61.50	53.15	102.9
1941.....	28.70	32.05	30.70	34.90	30.10	40.70	45.95	40.60	74.60	74.25	137.9
1942.....	32.40	41.70	35.95	41.10	33.60	46.45	48.75	40.55	79.50	74.55	148.1
1943.....	40.95	49.25	37.00	41.00	42.75	58.45	49.15	53.00	79.50	74.55	165.6
1944.....	41.25	47.55	37.00	41.25	43.00	60.30	48.60	53.10	79.50	74.55	165.7
1945.....	48.85	55.80	44.45	46.85	44.65	60.30	52.70	61.10	83.45	82.80	193.3
1946.....	58.30	64.45	57.20	64.40	41.35	55.60	68.95	74.10	159.50	110.65	241.6
1947.....	74.45	81.15	66.50	79.90	43.35	59.85	83.05	83.20	163.20	119.40	279.5

¹ 1938-40, 37 percent; 1944-46, 32 percent.

² 1939-40, 37 percent; 1941-43, 34 percent.

³ The index is based on the prices of the following commodities at the leading markets, weighted by average consumption: Bran, middlings and shorts, cottonseed meal, linseed meal, soybean meal, gluten feed, hominy feed, brewers' dried grains, distillers' dried grains, alfalfa meal and tankage.

Production and Marketing Administration.

CHAPTER II

STATISTICS OF COTTON, SUGAR, AND TOBACCO

In addition to tables on cotton, sugar, and tobacco, this chapter includes tables on other fibers, sorgo sirup, maple sugar and sirup, honey, bees, and beeswax. Most cottonseed data, however, are in the chapter on oilseeds, fats, and oils.

There are new tables this year on cotton products and tobacco products; they show the price-spreads for these commodities or the farmer's share of the consumer's dollar.

TABLE 88.—Cotton: Acreage, production, value, and foreign trade, United States, 1929-48

Year	Cotton										Cottonseed	
	Acreage in cultivation July 1	Acreage harvested	Yield per harvested acre	Production ¹	Season average price per pound received by farmers ²	Farm value	Market price per pound, year beginning August ³		Foreign trade, year beginning August ⁴		Production	Farm value
							New York	New Orleans	Domestic exports ⁵	Imports ⁵		
1,000 acres	1,000 acres	Lb.	1,000 bales	Cents	1,000 dollars	Cents	Cents	1,000 bales	1,000 bales	1,000 tons	1,000 dollars	
1929	43,287	43,287		14,574								
1929	44,448	43,232	164.2	14,825	16.78	1,243,840	16.60	16.16	7,035	396	6,408	198,164
1930	43,329	42,444	157.1	13,932	9.46	658,981	10.38	10.08	7,133	112	6,028	133,054
1931	39,110	38,704	211.5	17,097	5.66	483,575	6.34	6.20	9,193	138	7,310	65,678
1932	36,494	35,891	173.5	13,003	6.52	423,975	7.37	7.26	8,895	136	5,815	60,202
1933	40,248	39,383	212.7	13,047	10.17	663,383	11.09	10.92	7,964	156	5,511	71,166
1934	27,860	26,764	171.6	9,472	12.36	595,572	12.44	12.44	5,037	112	4,256	140,574
1935	28,063	27,509	185.1	10,638	11.09	590,021	11.75	11.65	6,267	162	4,634	141,527
1936	30,627	29,755	199.4	12,399	12.36	766,222	12.93	12.79	5,689	265	5,472	182,230
1937	34,090	33,623	269.9	18,946	8.41	796,469	8.75	8.79	5,976	166	7,844	152,974
1938	25,018	24,248	235.8	11,943	8.60	513,704	8.99	8.73	3,512	157	4,950	107,874
1939	22,811	22,811	237.9	11,481	9.09	536,996	10.34	10.03	6,501	176	4,869	102,933
1939	24,683	23,805	237.9	11,817	9.89	621,284	11.55	11.06	1,174	202	5,286	114,817
1940	24,871	23,861	252.5	12,566	17.03	914,313	19.16	18.17	1,162	279	4,553	216,961
1941	23,130	22,236	231.9	10,744	19.04	1,219,716	20.99	19.96	1,498	180	5,202	237,221
1942	23,302	22,602	272.4	12,817	19.88	1,135,605	21.30	20.44	1,146	145	4,688	244,059
1943	21,900	21,610	254.0	11,427	20.73	1,267,857	22.57	21.69	1,909	193	4,902	258,163
1944	19,990	19,651	298.9	12,230	22.52	1,014,823	26.68	25.82	3,678	348	3,064	187,155
1945	17,562	17,059	253.6	9,015	32.64	1,409,671	35.51	34.65	3,642	284	3,513	252,674
1946	18,190	17,615	235.3	8,640	31.93	1,892,528	35.44	34.41	2,026	301	4,681	402,015
1947	21,500	21,269	267.3	11,857	30.10	2,241,077	32.90	31.94			5,941	400,259
1948 ⁶	23,110	22,768	313.1	14,868								

¹ Census of Agriculture figures for all periods are in running bales. Department of Agriculture figures are in 500-pound gross-weight bales for all years.

² Gross weight price, including bagging and ties.

³ New York prices from reports of the New York Cotton Exchange. New Orleans prices from reports of the New Orleans Cotton Exchange. These central-market prices are for middling grade, 7/8 inch staple, through 1939; beginning August 1940, prices are for 1 1/16-inch staple.

⁴ Compiled from Monthly Summary of Foreign Commerce of the United States, January, June, and July issues and official records of the Department of Commerce.

⁵ Equivalent bales of 500 pounds gross weight.

⁶ Acreage in cultivation July 1 less removal of acreage reported by the Agricultural Adjustment Administration, less abandonment on area not under contract.

⁷ Includes an allowance for unredeemed loans at season average price or average loan value, whichever is higher.

⁸ Imports for consumption, beginning January 1934; reexports not considered beginning this date.

⁹ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Production figures conform with census annual ginning enumerations. Data for 1899-1928 in Agricultural Statistics, 1942, table 136.

TABLE 89.—Cotton: Acreage, production, and season average price per pound of lint and per ton of cottonseed received by farmers, by States, average 1937-46, annual 1947 and 1948

State	Cotton lint												Cottonseed					
	Acreage in cultivation July 1			Acreage harvested			Production (500-pound gross weight bales)			Price ² for crop of—			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	Cents per lb.	Cents per lb.	Cents per lb.	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	
Missouri.....	394	440	534	388	431	526	365	311	506	16.53	30.76	27.2	156	132	213	33.00	83.80	63.40
Virginia.....	36	23	26	35	23	26	24	18	24	16.72	31.99	30.4	10	7	10	40.50	82.80	58.80
North Carolina.....	802	654	730	789	647	725	582	452	678	17.09	32.59	30.7	237	177	282	40.20	80.40	60.30
South Carolina.....	1,201	1,055	1,123	1,182	1,050	1,120	753	651	871	17.24	32.58	30.8	304	253	359	40.10	80.40	62.10
Georgia.....	1,775	1,278	1,286	1,747	1,270	1,280	864	651	745	17.26	32.67	31.4	351	253	300	40.30	82.20	66.50
Florida.....	58	24	26	55	24	25	17	11	15	16.80	31.84	30.5	8	4	6	35.50	72.90	67.10
Tennessee.....	718	704	773	708	700	770	537	520	670	16.58	32.53	29.1	209	197	256	40.60	88.30	64.80
Alabama.....	1,839	1,505	1,637	1,810	1,500	1,630	971	931	1,197	16.96	32.21	31.0	375	347	469	39.60	79.50	60.80
Mississippi.....	2,680	2,379	2,583	2,504	2,350	2,560	1,700	1,569	2,353	17.40	33.14	30.6	728	603	912	41.50	89.10	68.50
Arkansas.....	2,041	2,085	2,249	1,990	2,050	2,220	1,392	1,276	1,982	16.60	31.23	29.4	584	490	756	40.30	86.10	65.90
Louisiana.....	1,070	838	957	1,042	830	950	588	505	756	16.77	32.43	31.0	242	201	302	38.40	79.80	66.70
Oklahoma.....	1,690	1,155	1,069	1,616	1,120	1,025	566	330	374	15.25	30.24	28.8	240	137	158	40.00	87.50	68.30
Texas.....	8,357	8,426	8,793	8,061	8,350	8,600	2,894	3,437	3,150	16.20	31.02	29.5	1,190	1,417	1,304	40.80	86.00	72.30
New Mexico.....	118	157	215	116	151	209	118	179	236	18.29	33.74	31.8	47	71	95	42.90	94.10	70.10
Arizona.....	209	226	282	208	225	281	182	234	328	19.11	30.13	30.2	81	93	137	41.70	89.00	67.90
California.....	366	536	810	361	534	804	444	772	968	17.02	33.31	31.4	178	295	376	43.80	97.00	73.30
Other States ³	20	15	17	20	14	17	17	10	15	16.15	31.17	29.0	7	4	6	39.40	85.40	63.50
United States.....	23,274	21,500	23,110	22,631	21,269	22,768	12,014	11,857	14,868	16.78	31.93	30.1	4,947	4,681	5,941	40.50	85.90	67.40
American-Egyptian.....	67.2	1.5	4.0	65.4	1.5	4.0	30.6	1.2	3.6	35.05	61.6	62.3						

¹ Preliminary.

² Gross weight price, including bagging and ties. For certain years, prices include an allowance for unredeemed loans at season average price or average loan value, whichever is higher.

³ Includes Illinois, Kansas, and Kentucky for all years; also Nevada for 1948.

Bureau of Agricultural Economics. Cotton production figures conform with census annual ginning enumerations, with allowance for cross-State ginnings. State and United States totals include Sea Island and American Egyptian cotton. Due to very small acreage, Sea Island cotton is not reported separately.

TABLE 90.—Cotton: Percentage reduction from full yield per acre from stated causes, by States, 1947 and 1948

State	Deficient moisture		Excessive moisture		Other climatic factors		Plant diseases		Boll weevil		Other insects	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
Missouri.....	13	3	6	4	3	3	1	1	0	0	0	2
Virginia.....	2	1	2	1	3	4	1	1	13	2	0	0
North Carolina.....	4	3	6	2	2	2	1	1	16	6	1	1
South Carolina.....	4	3	4	2	3	3	1	1	19	8	1	1
Georgia.....	4	3	3	2	3	3	2	1	15	13	1	2
Florida.....	4	3	5	4	6	4	2	2	15	7	2	1
Tennessee.....	10	4	3	1	3	6	1	1	1	1	1	1
Alabama.....	9	3	2	1	4	5	1	1	10	7	1	1
Mississippi.....	10	2	2	1	4	2	1	0	9	4	1	0
Arkansas.....	23	2	2	2	7	7	1	1	4	4	1	1
Louisiana.....	16	10	1	0	7	4	1	0	9	3	1	1
Oklahoma.....	18	11	2	3	10	11	1	1	9	10	2	2
Texas.....	12	22	1	0	6	8	1	1	4	4	3	3
Average.....	12.0	8.8	2.2	1.2	5.2	5.0	1.1	.8	7.6	5.0	1.6	1.6

State	Climatic factors		Plant diseases		Sucking bugs		Other insects	
	1947	1948	1947	1948	1947	1948	1947	1948
Western irrigated area:	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Texas (Trans-Pecos area).....	15	21	2	2	5	2	0	2
New Mexico.....	12	10	1	3	1	1	5	3
Arizona.....	15	8	1	1	3	2	2	1
California.....	3	9	3	5	2	1	2	1
Area.....	7.8	9.8	2.2	3.8	2.3	1.2	2.2	1.4

Bureau of Agricultural Economics. Percentages of five-tenths or less shown as zero.

TABLE 91.—Cotton: Production in specified countries, 1929-48¹

Year beginning Aug. 1	United States	India	China ²	U.S.-S.R.	Egypt	Brazil	Peru	Mexico	Argentina	Uganda	Anglo-Egyptian Sudan	Estimated world total
	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³
1929.....	14,825	4,331	2,458	1,229	1,768	571	303	246	150	108	139	26,860
1930.....	13,932	4,300	2,615	1,587	1,715	483	271	178	139	158	106	26,200
1931.....	17,097	3,325	2,092	1,845	1,317	555	234	210	169	173	206	27,850
1932.....	13,003	3,844	2,720	1,816	1,027	481	242	102	150	247	121	24,450
1933.....	13,047	4,189	2,981	1,887	1,777	1,014	278	260	200	239	135	26,920
1934.....	9,636	3,987	3,243	1,687	1,566	1,328	342	223	295	212	227	23,810
1935.....	10,638	5,553	2,667	2,250	1,769	1,757	386	315	373	269	201	27,515
1936.....	12,399	5,994	3,870	3,400	1,887	1,817	376	397	144	283	268	32,260
1937.....	18,946	5,137	3,556	3,700	2,281	2,075	396	341	327	349	264	39,005
1938.....	11,817	5,170	2,301	3,800	1,728	1,989	378	307	237	253	263	29,960
1939.....	11,817	4,888	1,883	4,000	1,801	2,141	383	312	362	252	245	29,635
1940.....	12,566	5,760	2,354	3,000	1,900	2,505	329	302	232	310	268	31,205
1941.....	10,744	5,820	2,406	(⁴)	1,735	1,844	322	375	373	198	234	27,905
1942.....	12,817	4,283	2,200	(⁴)	877	2,172	262	458	498	94	274	27,340
1943.....	11,427	4,710	1,500	(⁴)	740	2,700	310	515	553	160	175	25,590
1944.....	12,230	3,693	1,600	(⁴)	962	1,626	325	472	332	228	313	24,785
1945.....	9,015	3,529	1,820	1,700	1,082	1,350	329	434	285	191	194	21,110
1946.....	8,640	⁵ 3,498	1,925	2,240	1,252	1,350	299	460	334	193	235	21,590
1947 ⁶	11,857	⁵ 3,435	2,136	2,400	1,314	1,260	282	484	423	141	215	25,215
1948 ⁶	14,868	⁵ 2,812	2,115	2,800	1,836	1,465	306	570	460	314	256	29,285

¹ These estimates are intended to include the total cotton production in each country, as distinguished from estimates of the "commercial crop" (table 93), which exclude cotton consumed on hand spindles or in other ways, without entering commercial channels. Differences from year to year between these two series of production estimates for a given country may also occur because of changes in stocks of cotton on hand at the beginning and end of the cotton-marketing season, which changes are used in estimating the production of commercial cotton in many foreign countries.

² Includes Manchuria.

³ Bales of 500 pounds gross weight.

⁴ Comparable data not available.

⁵ Includes 1,157,000 bales for Pakistan in 1946, 925,000 in 1947, and 872,000 in 1948.

⁶ Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of the U. S. Foreign Service officers, and other information.

TABLE 92.—Cotton: Acreage and production in specified countries, averages 1935-39 and 1940-44, annual 1946-48¹

Continent and country	Acreage					Production ²				
	Year beginning Aug. 1 ³					Year beginning Aug. 1 ³				
	Average		1946	1947 ⁴	1948 ⁴	Average		1946	1947 ⁴	1948 ⁴
	1935-39	1940-44				1935-39	1940-44			
1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	
North America:										
El Salvador.....	9	23	38	7	10	2	3	5	5	4
Guatemala.....	7	9	9	7	10	2	3	5	5	4
Mexico.....	725	855	843	927	1,050	334	425	460	484	570
Nicaragua.....	9	7	1	1	8	5	5	1	1	6
United States.....	27,788	21,992	17,615	21,269	22,768	13,149	11,957	8,640	11,857	14,868
British West Indies.....	20	20	7	9	12	5	5	2	3	5
Haiti.....	20	20	25	40	40	22	12	8	11	6
Puerto Rico.....	2	8				1	2	(5)	(5)	(5)
Total ⁶	28,642	22,960	18,543	22,299	23,924	13,523	12,421	9,136	12,386	15,480
Europe:										
Bulgaria.....	85	61	98	105		35	16	20	28	
Greece.....	168	101	126	105	112	76	27	50	53	55
Italy.....	56	106	41	45	38	21	27	12	15	12
Rumania ⁷	8	63	104	109		2	11	9	16	
Spain.....	46	96	142	108	131	10	17	23	13	31
Yugoslavia.....	8	17				3	5			
Total ⁶	372	445	526	499	532	147	104	118	135	158
U. S. S. R. (Europe and Asia).....	5,087	3,911	3,215	3,625	3,780	3,430	2,080	2,240	2,400	2,800
Asia:										
Cyprus.....	11	6				3	1	1	1	1
Iran.....	453	384	182	205	259	171	105	64	80	92
Iraq.....	53	73	25	21		11	10	4	3	
Syria.....	85	48	49	48	54	28	15	22	25	32
Turkey.....	667	736	610	502	669	249	241	204	218	308
Afghanistan.....						49	23	9		20
Burma.....	428	364	135	192	195	97	80	21	35	37
China (including Manchuria).....	7,038	5,849	5,556	6,400	6,100	2,855	2,012	1,925	2,136	2,115
French Indochina.....	36					6	7		3	
Japan.....	2		10	7	7	1	1	5	5	5
India.....	24,204	20,518	11,434	10,932	10,900	5,348	4,853	2,341	2,510	1,940
Korea.....	564	776	312	355	282	180	196	75	64	77
Netherlands Indies.....	27	24				9	10	1		
Pakistan.....	(8)	(8)	3,230	3,122	2,911	(8)	(8)	1,157	925	872
Philippine Islands.....	5	15	5			1	3	1	(8)	
Siam.....	16	35	81	87		7	11	23	27	25
Total ⁶	33,805	29,066	21,716	21,961	21,587	9,020	7,575	5,856	6,048	5,537
South America:										
Argentina.....	770	826	892	815	91,235	289	398	334	423	460
Brazil.....	5,562	5,812	5,700	4,800	5,300	1,966	2,169	1,350	1,260	1,465
Colombia.....	98	99				23	22	21	25	30
Ecuador.....	40	38	35			13	9	10	10	7
Paraguay.....	111	116	126	74	148	40	42	55	33	50
Peru.....	428	353	309	321	358	384	310	299	282	306
Venezuela.....	50	53				11	15	11	10	10
Total ⁶	7,060	7,299	7,249	6,217	7,258	2,716	2,965	2,080	2,043	2,328

See footnotes at end of table.

TABLE 92.—Cotton: Acreage and production in specified countries, averages 1935-39 and 1940-44, annual 1946-48 ¹—Continued

Continent and country	Acreage					Production ²				
	Year beginning Aug. 1 ³					Year beginning Aug. 1 ³				
	Average		1946	1947 ⁴	1948 ⁴	Average		1946	1947 ⁴	1948 ⁴
	1935-39	1940-44				1935-39	1940-44			
Africa and Oceania:	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>
Anglo-Egyptian Sudan.....	439	363	336	363	402	248	253	235	215	256
Belgian Congo.....	874	923	740	754	.....	172	182	172	184	190
Kenya.....	.....	.....	.....	28	⁵ 43	13	21	4	4	8
Nyasaland.....	84	56	.....	.....	.....	12	7	9	11	.....
Tanganyika.....	.....	.....	.....	.....	.....	50	45	34	42	46
Uganda.....	1,477	1,152	1,253	1,037	1,551	281	198	193	141	314
Egypt.....	1,821	1,162	1,258	1,302	1,496	1,893	1,243	1,252	1,314	1,836
French Equatorial Africa.....	390	583	.....	.....	.....	41	87	73	108	.....
French Morocco.....	1	5	.....	.....	.....	(⁶)	2	2	.....	.....
French West Africa.....	.....	.....	.....	.....	.....	28	20	9	14	.....
Mozambique.....	.....	497	.....	.....	.....	¹⁰ 33	93	110	101	108
Nigeria.....	.....	.....	.....	.....	.....	36	30	28	35	50
Angola.....	73	.....	.....	.....	.....	13	24	27	24	20
Southern Rhodesia.....	2	5	4	4	4	(⁶)	1	1	1	1
Union of South Africa.....	.....	.....	3	.....	.....	2	1	1	2	3
Australia.....	53	35	8	7	⁹ 5	11	7	2	2	1
Total ⁶	6,176	5,641	5,496	5,214	6,044	2,840	2,220	2,160	2,203	2,982
World total ⁶	81,142	69,312	56,745	59,815	63,125	31,676	27,365	21,590	25,215	29,285

¹ These estimates represent total acreage and production in each country, including cotton consumed on hand spindles or in other ways without entering commercial channels. For this reason some of the estimates should average somewhat larger than those representing "commercial crops."

² United States production in bales of 500 pounds gross weight (480 pounds net); others in bales of 478 pounds net through 1945 and 480 pounds thereafter.

³ Years shown refer to years of harvest.

⁴ Preliminary.

⁵ Less than 500.

⁶ Includes estimates for minor producing countries not listed above and allowances for other figures not available.

⁷ Figures for 1943 to date are not comparable with prewar figures because of boundary changes.

⁸ Pakistan included with India.

⁹ Planted area.

¹⁰ Exports.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics, reports of United States Foreign Service officers, and results of office research.

TABLE 93.—*Cotton, commercial: World carry-over, production, supply, and mill consumption, 1939-49*¹

Year beginning August—	Carry-over, beginning of season			Production		
	American	Foreign growths	Total	American	Foreign growths	Total
	<i>1,000 bales</i> ²	<i>1,000 bales</i> ²	<i>1,000 bales</i> ²	<i>1,000 bales</i> ²	<i>1,000 bales</i> ²	<i>1,000 bales</i> ²
1939.....	14,137	7,501	21,638	11,418	15,908	27,326
1940.....	12,542	7,720	20,262	12,315	16,405	28,720
1941.....	12,797	9,370	22,167	10,628	14,988	25,616
1942.....	11,165	11,420	22,585	12,534	13,048	25,582
1943.....	11,280	12,290	23,570	11,075	13,446	24,521
1944.....	11,241	14,163	25,404	11,994	11,637	23,631
1945.....	12,150	14,448	26,598	8,972	10,918	19,890
1946.....	9,734	13,307	23,041	8,582	11,572	20,154
1947.....	5,250	11,847	17,097	11,689	11,643	23,332
1948 ³	4,234	9,669	13,903	14,685	12,630	27,315
1949 ³	7,362	7,406	14,768	14,597	.....	.....
	Supply			Mill consumption ⁴		
1939.....	25,555	23,409	48,964	12,888	15,620	28,508
1940.....	24,857	24,125	48,982	11,990	14,655	26,645
1941.....	23,425	24,358	47,783	12,210	12,873	25,083
1942.....	23,699	24,468	48,167	12,359	12,014	24,373
1943.....	22,355	25,736	48,091	11,064	11,520	22,584
1944.....	23,235	25,800	49,035	10,960	11,276	22,236
1945.....	21,122	25,366	46,488	11,128	12,009	23,137
1946.....	18,316	24,879	43,195	13,019	12,933	25,952
1947.....	16,939	23,490	40,429	12,685	13,721	26,406
1948 ³	18,919	22,299	41,218	11,522	14,778	26,300
1949 ³	21,959	.....	.....	.....	.....	.....

¹ Includes only raw cotton produced for factory consumption and does not include large quantities grown in India, China, and other countries for consumption on hand spindles or for use in other non-commercial ways.

² American in running bales (counting round bales as half bales); foreign in bales of approximately 500 pounds equivalent.

³ Preliminary.

⁴ Excludes estimates of cotton destroyed.

Bureau of Agricultural Economics. Compiled from reports of the New York Cotton Exchange Service and estimates of the Department of Agriculture. Data showing details by growths in Agricultural Statistics, 1942, table 146, and in 1948 book, table 96.

TABLE 94.—Cotton: Supply and distribution, United States, 1939-49

Year beginning August—	Supply					Distribution					
	Carry-over, beginning of season		Ginnings in season ¹	Imports ²	Total supply	Consumption		De-stroyed	Ex-ports ³	Carry-over, end of season	
	For- eign	Total				For- eign	Total			For- eign	Total
	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴	1,000 bales ⁴
1939	76	13,033	11,420	159	24,612	128	7,784	73	6,191	95	10,564
1940	95	10,564	12,318	188	23,070	146	9,722	70	1,112	140	12,166
1941	140	12,166	10,552	252	22,970	196	11,170	50	1,125	135	10,640
1942	135	10,640	12,496	168	⁵ 23,304	170	11,100	60	1,480	88	10,657
1943	88	10,657	11,083	129	21,869	114	9,943	50	1,138	118	10,744
1944	118	10,744	11,924	190	⁵ 22,858	120	9,568	50	2,007	124	11,164
1945	124	11,164	8,852	343	⁵ 20,359	198	9,163	60	3,613	153	7,326
1946	153	7,326	8,574	270	⁵ 16,170	259	10,025	16	3,544	132	2,530
1947	132	2,530	11,648	234	14,412	246	9,354	20	1,968	93	3,080
1948	93	3,080	14,649	163	⁵ 17,892	161	7,795	35	4,743	69	5,287
1949 ⁶	69	5,287									

¹ Ginnings during the 12 months, August 1 through July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather.

² Total imports minus reexports.

³ Total exports minus reimports.

⁴ American in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

⁵ Supply exceeds distribution.

⁶ Preliminary.

Production and Marketing Administration. Compiled from reports of the Bureau of the Census.

TABLE 95.—Cotton: Mill consumption, by growths, United States, 1939-48

Year beginning August—	Domestic				Foreign					All growths
	Upland	Ameri- can Egyp- tian	Sea Island	Total	Egyp- tian	Chin- ese	Indian	Other	Total	
1939	7,630,954	21,204	3,166	7,655,324	53,903	7,922	61,956	4,669	128,450	7,783,774
1940	9,545,314	26,937	3,270	9,575,521	60,884	4,459	77,929	2,910	146,182	9,721,703
1941	10,922,303	47,031	4,281	10,973,615	83,854	2,141	103,536	6,960	196,491	11,170,106
1942	10,874,337	49,783	5,664	10,929,784	103,607	1,708	58,903	6,080	170,298	11,100,082
1943	9,782,457	43,784	3,254	9,829,495	66,736	271	42,274	4,594	113,875	9,943,370
1944	9,403,831	43,533	1,067	9,448,431	65,705	297	49,257	4,242	119,501	9,567,932
1945	8,945,637	19,485	503	8,965,625	77,426		108,367	11,789	197,582	9,163,207
1946	9,755,878	9,477		9,765,355	106,512		125,972	26,972	259,456	10,024,811
1947	9,103,096	5,220		9,108,316	119,389		100,384	26,303	246,076	9,354,392
1948	7,629,641	4,359		7,634,000	87,194		62,097	12,113	161,404	7,795,404

¹ American in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

Production and Marketing Administration. Compiled from reports of the Bureau of the Census.

TABLE 96.—Cotton: Carry-over, ginnings, supply, and disappearance of American upland, by grade, United States, 1939-1949

Year beginning August—	CARRY-OVER						Spotted			Other Colored ¹	All grades ²
	Extra White and White						Strict Middling and better	Middling	Strict Low Middling		
	Good Middling and better	Strict Middling	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary and Good Ordinary					
1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	
1939	195	2,005	4,697	3,073	1,052	131	609	814	148	219	12,943
1940	179	1,428	3,524	2,858	734	69	702	651	118	190	10,453
1941	198	1,601	4,177	3,225	731	163	806	677	147	286	12,011
1942	77	966	2,761	2,852	1,174	428	622	775	371	449	10,475
1943	70	710	2,689	2,861	1,524	627	494	793	387	375	10,530
1944	90	1,043	2,770	2,970	1,397	564	489	702	276	258	10,559
1945	64	784	2,696	2,954	1,469	1,005	574	774	269	417	11,006
1946	36	594	1,943	1,720	760	934	261	356	187	374	7,165
1947	52	419	646	489	242	313	27	48	56	100	2,392
1948	57	530	1,005	520	295	214	49	75	87	156	2,988
1949	40	666	1,999	1,420	437	120	115	150	108	161	5,216

GINNINGS											
1939	188	1,925	3,830	2,940	559	121	776	874	144	95	11,452
1940	69	1,468	5,290	3,459	589	377	335	214	140	320	12,261
1941	29	773	3,446	3,133	1,086	518	449	404	286	309	10,434
1942	40	855	4,302	3,916	1,243	475	605	538	196	193	12,363
1943	163	1,475	3,584	3,745	1,009	238	413	294	64	84	11,069
1944	11	486	3,702	4,333	1,484	646	270	380	130	389	11,831
1945	10	364	2,328	2,924	1,196	813	273	399	161	341	8,809
1946	34	655	2,652	2,866	781	440	381	451	122	133	8,515
1947	365	2,452	4,080	1,780	820	365	698	378	263	355	11,556
1948	111	1,762	5,579	3,578	1,031	445	692	493	306	580	14,577

SUPPLY ⁴											
1939	383	3,930	8,527	6,013	1,611	252	1,385	1,688	292	314	24,395
1940	248	2,896	8,814	6,317	1,323	446	1,037	865	258	510	22,714
1941	227	2,374	7,623	6,358	1,817	682	1,255	1,081	433	595	22,445
1942	117	1,821	7,063	6,768	2,417	903	1,227	1,313	567	642	22,838
1943	233	2,185	6,273	6,606	2,533	865	907	1,087	451	459	21,599
1944	101	1,529	6,472	7,303	2,881	1,210	759	1,082	406	647	22,390
1945	74	1,148	5,024	5,878	2,665	1,818	847	1,173	430	758	19,815
1946	70	1,249	4,595	4,686	1,541	1,374	642	807	309	507	15,680
1947	417	2,871	4,726	2,289	1,062	678	725	426	319	455	13,948
1948	168	2,292	6,584	4,098	1,326	659	741	568	393	736	17,565

DISAPPEARANCE ⁵											
1939	204	2,502	5,003	3,155	877	183	683	1,037	174	124	13,942
1940	50	1,295	4,637	3,092	592	283	231	188	111	224	10,703
1941	150	1,408	4,862	3,506	643	254	633	306	62	146	11,970
1942	47	1,111	4,374	3,907	893	276	733	520	180	267	12,308
1943	143	1,142	3,503	3,636	1,136	301	418	385	175	201	11,040
1944	37	745	3,776	4,349	1,412	205	185	308	137	230	11,384
1945	38	554	3,081	4,158	1,905	884	586	817	243	384	12,650
1946	18	830	3,949	4,097	1,299	1,061	615	759	253	407	13,288
1947	360	2,341	3,721	1,749	767	464	676	351	232	299	10,960
1948	128	1,626	4,585	2,678	889	539	626	418	285	575	12,349

¹ Includes Low Middling Spotted and all grades of Tinged, Yellow Stained, and Gray. Below grade is also included.

² Bureau of the Census.

³ Running bales; round bales counted as half bales.

⁴ Carry-over at the beginning of the season, plus ginnings.

⁵ Supply minus carry-over at the end of the season.

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TABLE 97.—Cotton: Carry-over, ginnings, supply, and disappearance of American upland, by staple lengths, United States, 1939-49

CARRY-OVER

Year beginning August—	$\frac{13}{16}$ inch and shorter ¹	$\frac{7}{8}$ and $\frac{29}{32}$ inch	$\frac{15}{16}$ and $\frac{31}{32}$ inch	1 and $\frac{1}{32}$ inches	$\frac{1}{16}$ and $\frac{1}{32}$ inches	$\frac{1}{8}$ and $\frac{1}{32}$ inches	$\frac{1}{16}$ and $\frac{1}{32}$ inches	$\frac{1}{4}$ inches and longer	All staple lengths ²
	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³
1939.....	1,248	3,481	3,069	2,745	1,631	671	76	22	12,943
1940.....	781	2,827	2,583	2,149	1,443	578	54	38	10,453
1941.....	705	2,853	3,254	2,780	1,688	598	84	49	12,011
1942.....	876	2,751	2,335	2,570	1,301	472	107	63	10,475
1943.....	1,075	2,711	2,040	2,246	1,723	521	136	78	10,530
1944.....	1,327	2,525	2,208	2,631	1,288	386	137	57	10,559
1945.....	1,166	2,693	2,010	2,764	1,833	385	104	51	11,006
1946.....	562	1,172	1,228	2,103	1,562	385	105	48	7,165
1947.....	25	164	343	1,022	544	213	52	29	2,392
1948.....	53	242	398	1,219	795	238	29	14	2,988
1949.....	23	122	356	2,139	2,293	255	18	10	5,216

GINNINGS

1939.....	627	2,397	2,780	3,351	1,762	426	76	33	11,452
1940.....	334	1,591	2,999	4,185	2,506	534	67	45	12,261
1941.....	441	1,224	2,265	3,821	1,968	496	139	80	10,434
1942.....	531	1,668	2,586	4,331	2,518	521	110	98	12,363
1943.....	858	1,257	2,593	4,230	1,631	302	142	56	11,069
1944.....	550	1,330	2,188	4,884	2,539	254	65	21	11,831
1945.....	234	677	1,697	3,699	2,262	181	40	19	8,809
1946.....	168	620	1,108	3,494	2,879	201	30	15	8,515
1947.....	813	1,263	1,774	4,988	2,581	128	7	2	11,556
1948.....	569	1,230	1,663	5,724	5,095	279	12	5	14,577

SUPPLY ⁴

1939.....	1,875	5,878	5,849	6,096	3,393	1,097	152	55	24,395
1940.....	1,115	4,418	5,582	6,334	3,949	1,112	121	83	22,714
1941.....	1,146	4,077	5,519	6,601	3,656	1,094	223	129	22,445
1942.....	1,407	4,419	4,921	6,901	3,819	993	217	161	22,838
1943.....	1,933	3,968	4,633	6,476	3,354	823	278	134	21,599
1944.....	1,877	3,855	4,396	7,515	3,827	640	202	78	22,390
1945.....	1,400	3,370	3,707	6,463	4,095	566	144	70	19,815
1946.....	730	1,792	2,336	5,597	4,441	586	135	63	15,680
1947.....	838	1,427	2,117	6,010	3,125	341	59	31	13,948
1948.....	622	1,472	2,061	6,943	5,890	517	41	19	17,565

DISAPPEARANCE ⁵

1939.....	1,094	3,051	3,266	3,947	1,950	519	98	17	13,942
1940.....	410	1,565	2,328	3,554	2,261	514	37	34	10,703
1941.....	270	1,326	3,184	4,031	2,355	622	116	66	11,970
1942.....	332	1,708	2,881	4,655	2,096	472	81	83	12,308
1943.....	606	1,443	2,425	3,845	2,066	437	141	77	11,040
1944.....	711	1,162	2,386	4,751	1,994	255	98	27	11,384
1945.....	838	2,198	2,479	4,360	2,533	181	39	22	12,650
1946.....	705	1,628	1,993	4,575	3,897	373	83	34	13,288
1947.....	785	1,185	1,719	4,791	2,330	103	30	17	10,960
1948.....	599	1,350	1,705	4,804	3,597	262	23	9	12,349

¹ Includes "No staple" and "perished staple."² Bureau of the Census.³ Running bales; round bales counted as half bales.⁴ Carry-over at the beginning of the season, plus ginnings.⁵ Supply minus carry-over at the end of the season.

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TABLE 98.—Cotton: Grade index and average staple length of upland cotton ginned in the United States, by States, 1944-48

State	Grade index ¹					Average staple length ²				
	1944	1945	1946	1947	1948	32ds of an inch	32ds of an inch	32ds of an inch	32ds of an inch	32ds of an inch
Alabama.....	95.9	96.5	96.1	98.7	95.4	31.6	32.0	32.4	32.1	32.2
Arizona.....	92.8	94.4	92.1	93.9	97.9	33.2	32.6	32.6	32.2	32.9
Arkansas.....	94.9	89.0	93.0	96.3	93.4	32.8	32.7	33.3	32.3	33.1
California.....	91.4	94.4	97.3	101.2	99.0	33.3	33.5	33.5	33.7	33.4
Florida.....	93.3	94.5	97.6	96.1	95.4	33.0	32.5	32.8	32.5	33.0
Georgia.....	95.2	92.9	95.5	96.3	95.3	31.8	32.1	32.2	32.3	32.5
Louisiana.....	95.8	94.5	95.8	98.7	98.3	32.4	33.5	33.4	33.1	33.5
Mississippi.....	95.9	92.9	96.6	98.6	95.4	33.7	33.8	34.2	33.3	34.0
Missouri.....	93.0	83.5	89.5	93.1	90.8	33.4	32.7	33.4	33.3	33.6
New Mexico.....	95.6	96.9	98.3	98.9	100.8	34.2	34.4	34.5	34.2	35.0
North Carolina.....	88.7	90.1	93.2	89.3	92.4	32.7	32.5	33.2	32.3	33.1
Oklahoma.....	87.8	86.8	90.3	93.9	95.4	29.5	28.9	29.3	28.7	29.1
South Carolina.....	90.8	88.9	94.9	94.5	93.5	32.9	32.3	33.1	32.9	33.1
Tennessee.....	95.6	88.6	94.0	96.7	94.7	32.8	32.2	32.9	32.7	32.5
Texas.....	92.0	92.1	94.6	97.0	97.6	29.3	30.3	30.5	29.5	29.8
Virginia.....	88.7	92.5	93.8	91.1	92.4	32.7	32.5	32.6	32.7	33.4
All other ³	96.0	85.5	87.3	91.3	88.8	32.6	32.7	32.7	32.6	33.3
United States.....	93.4	91.8	94.5	96.9	95.7	31.9	32.2	32.6	31.7	32.4

¹ Measure of quality for all grades; quantity in each grade weighted by 1937-39 average 10-market prices by grades, Middling White $1\frac{5}{16}$ inch = 100.

² Averages calculated on numerical equivalents of the staple-length designations. For example $\frac{3}{8}$ = 28, $2\frac{1}{32}$ = 29, etc.

³ Illinois and Kentucky.

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TABLE 99.—Cotton: Carry-over and ginnings of American Egyptian, by grade and staple length, United States, 1939-49

Year beginning August—	Grade					Staple length (inches)						All grades and all lengths ²
	1 and $1\frac{1}{2}$	2 and $2\frac{1}{2}$	3 and $3\frac{1}{2}$	4 and $4\frac{1}{2}$	5 and below	$1\frac{1}{16}$ and shorter	$1\frac{3}{8}$	$1\frac{7}{16}$ ¹	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$ and longer	
	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	1,000 bales ³	
1940.....	3.2	5.7	4.1	0.7	—	—	3.5	6.1	4.1	—	—	13.7
1941.....	3.9	6.2	4.5	1.0	0.1	—	4.2	9.9	1.6	—	—	15.7
1942.....	15.7	7.0	1.5	.8	.1	—	0.8	4.3	19.4	.6	—	25.1
1943.....	17.5	8.5	7.9	2.2	.4	0.1	3.8	12.4	17.0	3.2	—	36.5
1944.....	23.5	27.2	12.2	2.6	—	—	5.9	25.2	33.3	1.1	—	65.5
1945.....	8.1	13.3	8.8	1.3	.4	—	4.2	12.9	13.9	.9	—	31.9
1946.....	1.7	2.6	.6	.7	.1	—	2.5	2.4	2.8	—	—	5.7
1947.....	2.3	.7	.5	.2	—	—	.2	1.1	2.4	—	—	3.7
1948.....	1.8	.6	—	.1	—	—	—	.1	2.3	.1	—	2.5
1949.....	1.2	.6	.1	—	—	—	—	.4	1.4	.1	—	1.9

GINNINGS												
Year	5.6	11.3	8.5	1.3	0.1	—	—	1.4	8.5	13.7	3.2	26.8
1939.....	5.6	11.3	8.5	1.3	0.1	—	—	1.4	8.5	13.7	3.2	26.8
1940.....	5.5	13.8	9.5	3.0	.5	—	—	9.1	18.8	4.4	—	32.3
1941.....	22.5	23.1	10.8	1.3	.2	—	—	13.7	36.5	7.7	—	57.9
1942.....	40.3	18.4	10.7	3.9	.5	0.9	9.8	31.2	29.9	2.0	—	73.8
1943.....	26.3	26.2	7.4	.7	—	.1	2.4	26.0	30.4	.7	—	59.6
1944.....	2.6	2.6	2.4	1.0	—	—	.2	3.0	5.4	—	—	8.6
1945.....	1.7	2.0	.3	.1	—	—	.1	1.3	2.7	—	—	4.1
1946.....	1.3	.8	.3	—	—	—	—	.4	1.9	.1	—	2.4
1947.....	.8	.3	.1	—	—	—	—	.2	.9	.1	—	1.2
1948.....	2.5	.8	.2	—	—	—	—	.3	2.9	.3	—	3.5

¹ Includes cotton $1\frac{3}{8}$ inches and shorter prior to 1942.

² Bureau of the Census.

³ Running bales.

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TABLE 100.—Cotton: Staple length of foreign growths in the carry-over on Aug. 1, United States, 1940-49

Growth and staple length (inches)	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹	1,000 bales ¹
Egyptian:										
1 ³ / ₃₂ and shorter						0.3	0.2		0.2	
1 ¹ / ₈ and 1 ⁵ / ₃₂	0.5	0.4	0.6							
1 ³ / ₁₆ and 1 ¹ / ₃₂	1.4	1.2	2.0	3.0	1.2	2.7	.7			0.4
1 ¹ / ₄ to 1 ¹¹ / ₃₂	20.2	19.0	16.6	10.1	21.9	35.2	10.8	3.1	.7	5.5
1 ³ / ₈ to 1 ¹⁵ / ₃₂	11.7	19.5	13.0	16.0	27.5	11.0	16.3	34.6	12.1	35.4
1 ¹ / ₂ to 1 ¹⁹ / ₃₂	4.1	5.3	6.3	8.9	11.3	9.7	12.0	16.8	19.2	.9
1 ⁵ / ₈ to 1 ²³ / ₃₂	.6								1.4	
1 ³ / ₄ and longer							.1			
All lengths ²	38.5	45.4	38.5	38.0	61.9	58.9	40.1	54.5	33.6	42.2
Peruvian:										
3 ¹ / ₃₂ and shorter									.1	
1 and 1 ¹ / ₃₂					.1			.2		.1
1 ¹ / ₁₆ and 1 ³ / ₃₂		.1	.1				.4	.9		
1 ¹ / ₈ and 1 ⁵ / ₃₂		.2	.1	.1	.2	.2	.4	.6	.1	
1 ³ / ₁₆ and 1 ⁷ / ₃₂		.7	.1	.1	.2	.2	.4	.6	.1	.9
1 ¹ / ₄ and longer	.6	.2	2.6	1.2	2.1	3.4	5.6	12.8	7.2	
All lengths ²	.6	1.2	2.8	1.3	2.4	3.6	6.4	14.5	7.4	1.0
Chinese: 1 ³ / ₁₆ and shorter	6.5	3.7	2.5	1.0	.8	(³)	(³)	(³)	(³)	(³)
All lengths ²	6.5	3.7	2.5	1.0	.8	(³)	(³)	(³)	(³)	(³)
British Indian:										
1 ³ / ₁₆ and shorter	46.1	58.2	89.8	45.4	40.9	47.0	101.7	60.8	46.4	23.7
7 ⁷ / ₈ and 2 ¹ / ₃₂	.1									
1 ⁵ / ₁₆ and 3 ¹ / ₃₂										
1 and longer	.8									
All lengths ²	47.0	58.2	89.8	45.4	40.9	47.0	101.7	60.8	46.4	23.7
Other foreign:										
1 ³ / ₁₆ and shorter		.4		.1		.8	.5	.2	.5	.5
7 ⁷ / ₈ and 2 ¹ / ₃₂		.2		.1			.2			
1 ⁵ / ₁₆ and 3 ¹ / ₃₂		1.3	.9	.6			1.6	.4		
1 and 1 ¹ / ₃₂	.1	17.1	.8	.5	9.6	10.4	2.2	1.0	.1	
1 ¹ / ₁₆ and 1 ³ / ₃₂		9.6		.2	2.6		.1			
1 ¹ / ₈ and 1 ⁵ / ₃₂										
1 ³ / ₁₆ and 1 ⁷ / ₃₂										
1 ¹ / ₄ and longer	2.3	2.5	.2	.7	1.7	4.7	2.0	.9	1.7	1.5
All lengths ²	2.4	31.1	1.9	2.2	13.9	15.9	6.6	2.6	2.3	2.0

¹ Equivalent 500-pound bales.² Bureau of the Census.³ Included in "Other foreign."

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TABLE 101.—Cotton: Estimated average cost per 500-pound gross weight bale to farmers for ginning cotton (including bagging and ties), by States, 1939-48¹

Kind of cotton and State	Crop year beginning Aug. 1—									
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
UPLAND	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Missouri.....	5.97	6.28	6.56	7.12	8.02	7.57	9.73	12.19	12.11	13.24
Virginia.....	4.05	4.14	4.82	4.97	5.38	5.01	5.08	5.35	6.72	8.00
North Carolina.....	3.16	3.38	4.15	4.66	5.03	5.09	5.00	6.28	7.39	8.36
South Carolina.....	2.70	3.02	3.67	4.46	4.58	4.72	4.05	6.13	7.00	7.75
Georgia.....	3.44	3.43	4.21	4.69	4.97	5.05	5.04	6.23	6.87	7.58
Florida.....	4.63	3.91	4.68	4.91	5.38	-----	5.68	7.18	7.13	7.31
Tennessee.....	4.38	4.79	5.21	5.52	5.77	6.07	6.17	7.75	7.77	8.40
Alabama.....	3.17	3.34	4.03	4.71	4.97	5.02	5.15	6.74	7.08	7.35
Mississippi.....	4.96	5.11	5.66	5.70	6.13	6.16	5.90	7.52	8.09	9.02
Arkansas.....	5.21	5.63	6.12	6.26	6.50	6.66	7.35	8.94	9.50	10.23
Louisiana.....	4.77	4.58	5.22	5.58	5.65	5.81	6.07	7.58	8.26	9.04
Oklahoma.....	5.88	5.65	6.55	6.87	8.39	8.73	9.13	11.13	11.68	12.32
Texas.....	5.46	5.49	6.89	7.20	7.24	7.95	7.83	9.34	10.65	11.54
New Mexico.....	5.24	5.35	6.00	6.50	7.52	6.97	7.43	7.97	9.21	10.77
Arizona.....	5.12	5.20	6.08	6.42	6.49	6.62	6.80	8.15	8.80	9.11
California.....	4.61	4.13	5.04	5.41	5.49	5.99	6.91	8.08	7.88	9.40
All upland cotton.....	4.67	4.76	5.71	5.95	6.18	6.44	6.40	8.09	8.97	9.65
American Egyptian.....	11.14	10.64	12.64	12.57	12.88	13.27	14.87	14.48	15.47	17.90
Average ²	4.69	4.78	5.75	5.99	6.22	6.44	6.40	8.09	8.97	9.65

¹ Data for crop years 1939 to 1947, inclusive, do not include added charges made in some instances for drying and conditioning seed cotton. Data for 1948 include added charges for drying and conditioning seed cotton, the practice of assessing such added charges being confined chiefly to California. Data for all years exclude added charges made for sterilizing cottonseed in connection with pink bollworm control measures.

² In addition to upland and American Egyptian cotton, small quantities of Sea Island cotton are produced. The production is too small, however, to affect the United States average ginning rate.

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TABLE 102.—Cotton: Average spot price per pound in specified foreign countries, 1941-48¹

Market and description	Year beginning Aug. 1—								
	1941	1942	1943	1944	1945	1946	1947	1948	
Liverpool, England	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
American Middling, $\frac{7}{8}$ inch ²	15.23	13.87	15.21	20.59	20.59	29.55	37.28	37.25	³ 37.25
American Middling, $\frac{15}{16}$ inch.....	15.57	14.21	15.55	20.93	20.93	30.15	37.94	37.94	³ 37.93
Egyptian, Fully Good Fair:									
Sakel—Karnak ⁴	21.46	20.09	21.44	26.82	26.82	35.06	58.92	58.92	³ 73.37
Giza 7.....	19.94	18.58	19.92	25.30	25.30	34.13	55.21	55.21	³ 63.75
Ashmoui.....	18.51	17.06	18.41	23.79	23.79	34.72	50.72	50.72	³ 53.17
Brazilian, Sao Paulo, Type 5.....	15.40	14.04	15.38	20.76	20.55	29.21	35.66	35.66	³ 36.28
Peruvian, Good, Tanguis.....	18.01	16.64	17.99	23.37	23.37	30.24	41.68	41.68	³ 51.02
Indian, Superfine, Central Provinces	13.12	11.60	12.95	18.33	18.33	24.40	29.19	29.19	³ 29.99
Sao Paulo, Brazil: Type 5.....	8.42	11.08	13.15	14.10	17.93	25.88	28.44	28.44	³ 32.98
Bombay, India: Omra, Fine ⁷	³ 6.59	(⁸)	(⁸)	16.50	16.43	16.94	21.47	21.47	³ 23.45
Alexandria, Egypt: Ashmoui, F. G. F.....	13.57	16.70	20.04	28.32	27.67	33.12	48.03	48.03	³ 40.00
Lima, Peru: Tanguis, Type 5.....	10.46	13.74	16.63	15.51	18.22	24.93	28.41	28.41	³ 30.96
Buenos Aires, Argentina: Type B.....	15.45	13.83	13.72	15.28	20.43	30.14	37.53	37.53	³ 46.62
Torreon, Mexico: Middling, $\frac{15}{16}$ inch.....	14.68	17.40	19.60	18.17	19.41	28.34	30.08	30.08	¹⁰ 25.36

¹ All prices are monthly averages except as noted.

² For the period 1941-45 prices are for "Fair Staple," a term commonly used in connection with American cotton and which applies to cotton having an average staple length of approximately $\frac{7}{8}$ inches.

³ Average for 11 months.

⁴ Prices of Karnak since November 1946.

⁵ Average for 8 months.

⁶ Average of 52 weekly quotations.

⁷ Jarila, Fine, since December 1944.

⁸ No quotations.

⁹ Average of 26 quotations at irregular intervals.

¹⁰ Quotations not available for 11 weeks beginning July 29, 1948.

Office of Foreign Agricultural Relations and Bureau of Agricultural Economics.

TABLE 103.—Cotton, American upland: Spot price per pound of Middling ¹⁵/₁₆-inch at 10 designated markets, 1939-48

Year beginning August—	Charleston ¹	Augusta	Savannah	Montgomery	New Orleans	Memphis	Little Rock	Dallas	Houston	Galveston	Average of 10 markets ²
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1939.....	10.29	10.50	10.26	9.97	10.23	10.00	9.92	9.66	10.03	10.04	10.09
1940.....	11.19	11.47	11.23	11.02	11.06	10.86	10.79	10.65	10.86	10.86	11.00
1941.....	18.54	18.81	18.56	18.34	18.17	18.31	18.23	18.10	18.04	18.04	18.31
1942.....	20.37	20.60	20.41	20.25	19.96	20.06	20.04	19.96	19.88	19.88	20.14
1943.....	21.00	21.21	20.97	20.74	20.44	20.46	20.50	20.38	20.42	20.41	20.65
1944.....	22.18	22.27	22.10	21.84	21.69	21.79	21.79	21.58	21.67	21.68	21.86
1945.....	26.19	26.29	26.15	25.83	25.82	25.90	25.89	25.85	25.81	25.83	25.96
1946.....	34.98	35.18	35.02	34.74	34.65	34.90	34.79	34.65	34.61	34.63	34.82
1947.....	34.82	35.25	34.76	34.64	34.41	34.47	34.42	34.31	34.39	34.40	34.58
1948.....	32.36	32.82	32.43	32.17	31.94	32.11	32.05	31.80	31.92	31.90	32.15

¹ Prior to Aug. 6, 1941, prices are those at Norfolk, Va.² Average of monthly averages of 10 markets.

Production and Marketing Administration. Compiled from the daily reports from the cotton exchanges of the various markets.

TABLE 104.—Cotton: High, low, and season average price per pound for Middling ⁷/₈-inch and ¹⁵/₁₆-inch in the 10 spot markets, 1939-48

Season beginning August—	Middling ⁷ / ₈ -inch ¹			Middling ¹⁵ / ₁₆ -inch			Season beginning August—	Middling ⁷ / ₈ -inch			Middling ¹⁵ / ₁₆ -inch		
	Average	High	Low	Average	High	Low		Average	High	Low	Average	High	Low
	Cents	Cents	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents	Cents	Cents
1939.....	9.90	11.10	8.49	10.09	11.28	8.70	1944.....	20.60	21.40	19.93	21.86	22.82	21.08
1940.....	10.79	16.70	9.06	11.00	16.92	9.27	1945.....	24.39	34.09	20.65	25.96	35.72	22.07
1941.....	17.94	20.00	15.18	18.31	20.47	15.39	1946.....	33.33	37.79	26.44	34.82	39.55	27.95
1942.....	19.22	20.51	17.56	20.14	21.43	18.23	1947.....	32.36	36.20	28.75	34.58	38.65	30.55
1943.....	19.56	20.96	18.08	20.65	22.11	19.16	1948.....	30.04	31.39	27.97	32.15	33.37	30.69

Production and Marketing Administration.

TABLE 105.—Cotton, American upland: Premiums and discounts for respective grades and prices per pound for Middling ¹⁵/₁₆-inch spot cotton, 10 designated markets, seasons 1939-48

Year beginning August—	Premiums				Price, Middling ¹⁵ / ₁₆ inch	Discounts			
	Middling Pair	Strict Good Middling	Good Middling	Strict Middling		Strict Low Middling	Low Middling	Strict Good Ordinary	Good Ordinary
	Points ¹	Points ¹	Points ¹	Points ¹	Cents	Points ¹	Points ¹	Points ¹	Points ¹
1939.....	53	48	42	29	10.09	54	120	182	240
1940.....	57	51	45	32	11.00	52	124	185	234
1941.....	58	52	45	34	18.31	86	231	360	439
1942.....	59	52	44	33	20.14	145	382	528	623
1943.....	52	46	39	28	20.65	128	367	494	597
1944.....	50	45	38	27	21.86	129	372	521	622
1945.....	56	54	48	35	25.96	147	489	755	877
1946.....	61	60	56	40	34.82	126	506	938	1,118
1947.....	53	53	51	36	34.58	115	521	993	1,214
1948.....	51	51	49	37	32.15	180	613	997	1,222

¹ Hundredths of a cent per pound.

Production and Marketing Administration.

TABLE 106.—Cotton, American upland: Discounts and premiums for respective staple lengths and prices per pound for Middling $1\frac{5}{16}$ -inch spot cotton, 1939-48¹

Year beginning August—	Discounts		Price, Mid- dling $1\frac{5}{16}$ inch	Premiums				
	$1\frac{3}{16}$ inch	$\frac{7}{8}$ inch		1 inch	$1\frac{1}{16}$ inches	$1\frac{1}{2}$ inches	$1\frac{3}{16}$ inches	$1\frac{1}{2}$ inches
	Points ²	Points ²	Cents	Points ²	Points ²	Points ²	Points ²	Points ²
1939.....	87	19	10.09	17	37	150	331	473
1940.....	81	21	11.00	20	46	167	451	644
1941.....	96	37	18.31	22	76	296	607	843
1942.....	156	92	20.14	27	114	373	763	1,034
1943.....	185	109	20.65	29	117	452	782	1,021
1944.....	264	126	21.86	28	118	457	813	1,038
1945.....	313	157	25.96	28	100	256	749	1,061
1946.....	298	149	34.82	25	63	124	490	629
1947.....	341	220	34.58	86	173	393	945	1,315
1948.....	323	211	32.15	56	112	294	1,052	1,976

¹ Prices for Middling $1\frac{5}{16}$ inch staple, discounts for $1\frac{3}{16}$ inch and $\frac{7}{8}$ inch, and premiums for 1 inch and $1\frac{1}{16}$ inches are averages of the 10 designated spot markets; those for $1\frac{1}{2}$ inches and longer are quotations at Memphis.

² Hundredths of a cent per pound.

Production and Marketing Administration.

TABLE 107.—Cotton futures: Volume of trading and annual average of month-end open contracts, by contract markets, 1939-48

Year beginning August—	Volume of trading				Average of month-end open contracts			
	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Total	New York Cotton Exchange	New Orleans Cotton Exchange	Chicago Board of Trade	Total
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1939.....	35,415	7,496	28	42,939	1,637	264	1	1,902
1940.....	30,710	9,156	7	39,873	1,246	262	(¹)	1,509
1941.....	41,052	21,187	14	62,253	1,537	522	1	2,060
1942.....	28,057	12,201	18	40,276	1,302	415	1	1,718
1943.....	29,084	12,417	98	41,599	1,282	397	2	1,681
1944.....	26,133	9,896	30	36,059	1,228	401	1	1,630
1945.....	43,011	22,256	3,830	69,097	1,924	842	29	2,795
1946.....	64,079	38,589	4,578	107,246	2,114	844	35	2,993
1947.....	60,812	42,763	2,718	106,293	1,886	771	28	2,685
1948.....	40,871	19,956	1,763	62,590	1,721	634	34	2,389

¹ Less than 500 bales.

Commodity Exchange Authority. Compiled from daily reports from exchange clearing members.

TABLE 108.—Cotton futures: Highest and lowest prices per pound, by date and future, New York Cotton Exchange, 1939-48

Year beginning August—	Highest			Lowest		
	Price	Date	Future	Price	Date	Future
	<i>Cents</i>			<i>Cents</i>		
1939.....	11.68	Dec. 14	1939 December (new)...	7.63	Sept. 1	1940 July (old)
1940.....	17.78	July 28	1942 March.....	8.57	Aug. 7	1941 July
1941.....	20.25	Apr. 6	1943 March.....	15.57	Oct. 16	1941 December
1942.....	20.80	May 14	1943 May.....	17.64	Aug. 10	1942 October
1943.....	22.75	July 13	1944 July (new).....	18.12	Nov. 29	1944 October
1944.....	23.17	July 16	1945 December.....	20.04	Sept. 7	1945 July
1945.....	36.70	July 19	1946 December.....	20.63	Aug. 20	1946 October
1946.....	39.59	July 14	1947 July.....	22.50	Nov. 7	1948 March
1947.....	38.92	Apr. 22	1948 May.....	27.23	Aug. 19	1948 December
1948.....	33.88	May 11	1949 May.....	24.89	June 7	1950 December

Commodity Exchange Authority. Compiled from records of the New York Cotton Exchange. Data for 1929-38, in Agricultural Statistics, 1944, table 105. Highest and lowest prices during the period, Aug. 1, 1909, through July 31, 1949: High, 43.75 cents, July future, July 22 and 23, 1920; low, 4.91 cents, July future, June 10, 1932.

TABLE 109.—Cotton products: Average value of annual per-family purchases of 42 cotton articles at retail, equivalent farm value of the cotton used in their manufacture, margin, and farmer's share of consumer's dollar, 1927-48¹

Year	Retail value ²	Farm value ³	Margin	Farmer's share of consumer's dollar	Year	Retail value ²	Farm value ³	Margin	Farmer's share of consumer's dollar
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>
1927.....	31.82	3.69	28.13	11.6	1935-39				
1928.....	30.56	4.02	26.54	13.2	average.....	23.86	2.23	21.63	9.3
1929.....	29.65	3.74	25.91	12.6					
1930.....	28.08	2.61	25.57	8.9	1940.....	23.10	2.07	21.03	9.0
1931.....	24.96	1.48	23.48	5.9	1941.....	25.51	3.01	22.50	11.8
1932.....	22.52	1.10	21.42	4.9	1942.....	32.51	4.13	28.38	12.7
1933.....	24.10	1.98	* 22.12	8.2	1943 ⁴	34.32	4.40	29.92	12.8
1934.....	25.90	2.54	* 23.36	9.8	1944 ⁵	37.01	4.55	32.46	12.3
1935.....	24.24	2.41	* 21.83	9.9	1945 ⁵	40.44	4.88	35.56	12.1
1936.....	23.82	2.61	21.21	11.0	1946 ⁵	49.78	6.26	43.52	12.6
1937.....	24.96	2.40	22.56	9.6	1947 ⁵	59.34	7.09	52.25	11.9
1938.....	23.30	1.82	21.48	7.8	1948 ⁵	59.49	6.95	52.54	11.6
1939.....	22.96	1.90	21.06	8.3					

¹ Simple average of semi-annual and quarterly data.

² Computed from prices collected by the Bureau of Labor Statistics, weighted by average number of articles (clothing, furnishings, and yard goods) purchased annually (from 1934-36 survey) by families of wage earners and clerical workers.

³ Estimated prices received by farmers for cotton of grade and staple lengths used in the manufacture of the various articles, weighted by quantities of cotton required in their manufacture.

⁴ Includes the processing tax paid by manufacturers, which was in effect from August 1933 to January 1936. The tax on the quantity of cotton represented in these products amounted to 37 cents in 1933 and 89 cents in 1934 and 1935. The amount of the tax returned to farmers increased the farm values to \$2.35 in 1933, \$3.43 in 1934, and \$3.30 in 1935. Farmer's shares including tax payments are 9.8, 13.2, and 13.6 cents respectively in these years.

⁵ Preliminary estimates based on indexes of retail prices of specified items of cotton clothing and housefurnishings, prepared by the Bureau of Labor Statistics.

Bureau of Agricultural Economics.

TABLE 110.—Cotton linters: Supply, distribution, and price, United States, 1939-49

Year beginning August—	Supply				Distribution			Price per pound ¹		
	Stocks Aug. 1	Production	Imports	Total	Con- sumption	Exports	De- stroyed	Grade 2	Grade 4	Grade 6
	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	1,000 bales ²	Cents	Cents	Cents
1939.....	950	1,072	63	2,085	1,061	326	4	4.63	3.41	2.62
1940.....	706	1,208	252	2,166	1,359	21	1	5.23	4.19	3.13
1941.....	787	1,184	194	2,165	1,488	33	4	9.83	7.17	3.50
1942.....	637	1,355	79	2,071	1,301	28	2	9.74	7.07	3.50
1943.....	739	1,186	74	1,999	1,365	61	3	7.18	4.83	3.02
1944.....	567	1,251	199	2,017	1,451	41	1	7.17	5.01	3.21
1945.....	379	993	215	1,587	1,055	22	1	7.25	5.12	3.78
1946.....	422	995	92	1,509	984	53	(3)	11.71	9.30	8.22
1947.....	357	1,288	127	1,772	1,156	235	(3)	9.71	7.24	5.73
1948.....	370	1,645	115	2,130	1,407	209	1	7.89	4.65	2.85
1949 ⁴	514									

¹Uncompressed in carload lots, f.o.b. mill points.²Bales are running bales except imports, which are 500-pound bales.³200 bales.⁴Preliminary.

Production and Marketing Administration. Supply and distribution figures compiled from reports of the Bureau of the Census and Bureau of Foreign and Domestic Commerce.

TABLE 111.—Cotton and other specified fibers: Estimated total and per capita consumption, United States, 1939-48

Year	Total				Per capita			
	Cotton	Wool ¹	Rayon ²	Silk ³	Cotton	Wool ¹	Rayon ²	Silk ³
	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	Pounds	Pounds	Pounds
1939.....	3,628.6	396.5	458.7	55.3	27.5	3.01	3.48	.42
1940.....	3,958.7	407.9	482.0	47.6	29.8	3.07	3.63	.36
1941.....	5,191.5	647.9	591.8	25.6	38.7	4.83	4.41	.19
1942.....	5,633.1	615.4	620.6	.2	41.6	4.54	4.58	(4)
1943.....	5,270.6	624.1	656.1	(5)	38.4	4.54	4.78	(4)
1944.....	4,790.4	622.4	704.7	(5)	34.5	4.48	5.07	(4)
1945.....	4,515.8	645.1	769.9	1.0	32.2	4.59	5.48	.01
1946.....	4,809.1	737.5	875.5	13.5	33.8	5.19	6.16	.10
1947.....	4,667.0	698.2	987.9	3.2	32.2	4.82	6.82	.02
1948 ⁶	4,469.6	693.1	1,149.4	7.4	30.3	4.70	7.80	.05

¹Apparel and carpet wool, reduced to scoured basis.²From Rayon Organon. Includes filament yarn and staple fiber.³Imports for consumption.⁴Less than 0.005 pound.⁵Less than 50,000 pounds.⁶Preliminary.

Bureau of Agricultural Economics. Calendar-year data divided by July 1 population to get per capita figures.

TABLE 112.—Fiber flax: Acreage, production, season average price per ton received by growers, and value, Oregon, 1938-48

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1938.....	3,880	0.68	2,622	20.00	52	1944.....	8,500	1.65	14,000	41.50	581
1939.....	3,900	1.44	5,600	35.70	200	1945.....	8,000	1.50	12,000	46.00	552
1940.....	7,300	1.18	8,600	55.50	477	1946.....	7,600	1.90	14,400	46.50	670
1941.....	11,000	2.17	23,900	65.00	1,554	1947.....	4,900	1.90	9,200	40.50	373
1942.....	18,000	2.05	36,900	52.50	1,937	1948 ¹	2,000	1.70	3,400	-----	-----
1943.....	12,000	1.67	20,000	47.50	950						

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 113.—Imports for consumption and price of raw silk; production, net imports, consumption, and price of rayon, United States, 1939-48

Year	Raw silk		Rayon ²				
	Imports for consumption	Price per pound ¹	Production	Net imports ³	Consumption ⁴	Price per pound ⁵	
						Filament yarn ⁶	Staple fiber ⁷
	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>
1939.....	55,271	2.723	379,940	46,632	458,711	.515	.250
1940.....	47,600	2.786	471,170	15,438	482,045	.530	.250
1941.....	25,651	(8)	573,230	6,855	591,837	.536	.250
1942.....	207	(8)	632,615	9,641	620,810	.550	.250
1943.....	11	(8)	663,145	9 14,039	10 656,072	.550	.240
1944.....	33	(8)	723,955	9 21,776	10 704,800	.550	.250
1945.....	954	(8)	792,035	9 27,053	769,945	.550	.250
1946.....	13,518	6.27	853,915	9 20,546	875,493	.559	.254
1947.....	3,182	11 4.45	975,145	2,816	987,900	.670	.320
1948 ¹²	7,361	2.60	1,124,300	19,804	1,149,458	.752	.364

¹ Average of monthly average wholesale prices of Japanese silk, double extra 13-15, 78 percent white, at New York.

² Yarn and staple fiber.

³ Imports for consumption minus domestic exports. Imports are mainly staple fiber.

⁴ Domestic shipments plus imports.

⁵ Average of monthly average wholesale prices, f.o.b. producers' plants.

⁶ Viscose, 150 denier, first quality.

⁷ Viscose, 1½ denier.

⁸ Office of Price Administration ceiling price of \$3.08 per pound effective August 1941; no sales of this grade reported from May 1942 until July 1946.

⁹ Net exports.

¹⁰ Domestic shipments only.

¹¹ Price for 10 months only. (No sales in April and September.)

¹² Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Imports from Foreign Commerce and Navigation of the United States. Prices from bulletins of the U. S. Bureau of Labor Statistics. Production and consumption of rayon from the Rayon Organon.

TABLE 114.—Rayon: Production in selected countries and total, 1939-48

Year	RAYON YARN									
	United States	Japan	Germany	United Kingdom	Italy	France	Netherlands	Soviet Union	Other countries	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1939	328.6	238.6	161.0	111.6	119.1	56.2	24.0	17.0	88.8	1,144.9
1940	390.1	216.1	168.0	110.4	119.1	42.2	20.0	19.0	101.4	1,186.3
1941	451.2	168.1	199.0	78.9	127.9	70.5	35.5	15.0	118.7	1,264.8
1942	479.3	95.4	194.0	72.8	124.6	68.9	34.8	1.0	125.5	1,196.3
1943	501.1	50.4	212.0	70.3	100.5	58.2	29.8	-----	127.9	1,150.2
1944	555.2	22.8	160.0	76.3	39.9	29.3	19.3	-----	127.6	1,030.4
1945	623.7	5.6	40.0	84.6	3.4	30.5	3.4	3.0	102.7	896.4
1946	677.5	9.0	18.3	107.3	65.0	67.6	17.6	5.0	136.2	1,108.5
1947	746.7	16.3	33.4	117.8	115.4	81.7	28.2	19.0	159.7	1,318.2
1948 ¹	856.2	35.7	72.1	146.0	105.1	95.6	35.3	30.0	181.3	1,557.3

RAYON STAPLE FIBER										
1939	51.3	301.3	440.0	55.8	189.6	15.5	-----	11.0	30.2	1,094.7
1940	81.1	285.8	512.0	55.8	250.2	16.5	-----	14.0	69.3	1,284.7
1941	122.0	296.6	625.0	55.4	291.7	38.2	-----	10.0	113.2	1,552.1
1942	153.3	174.5	689.0	46.0	192.7	50.3	-----	1.0	145.3	1,452.1
1943	162.0	121.7	672.0	49.7	125.3	64.5	3.9	-----	190.6	1,389.7
1944	168.7	83.3	500.0	51.9	27.3	29.2	8.2	-----	181.0	1,049.6
1945	168.4	21.9	150.0	50.6	4.0	18.8	-----	2.0	85.2	500.9
1946	176.4	20.6	89.3	68.1	29.5	34.2	3.4	4.0	148.2	573.7
1947	228.4	19.3	173.0	81.1	47.7	42.6	17.3	18.0	166.5	693.9
1948 ¹	268.2	35.3	161.2	82.1	39.4	66.6	21.2	45.0	201.2	920.2

TOTAL RAYON YARN AND STAPLE FIBER										
1939	379.9	539.8	601.0	167.4	308.6	71.7	24.0	28.0	119.2	2,239.6
1940	471.2	501.9	680.0	166.2	369.3	58.7	20.0	33.0	170.7	2,471.0
1941	573.2	464.7	824.0	134.3	419.5	108.8	35.5	25.0	231.9	2,316.9
1942	632.6	269.9	883.0	118.8	317.3	119.2	34.8	2.0	270.7	2,348.3
1943	663.1	172.2	884.0	120.0	225.7	122.8	33.7	-----	318.4	2,539.9
1944	724.0	106.1	660.0	128.2	67.2	58.5	27.5	-----	308.6	2,080.1
1945	792.0	27.5	190.0	135.2	7.4	49.4	3.4	5.0	187.9	1,397.8
1946	853.9	29.7	107.6	175.4	94.5	101.8	21.0	9.0	284.3	1,677.2
1947	975.1	35.6	106.4	198.9	165.0	124.3	45.5	37.0	324.3	2,012.1
1948 ¹	1,124.3	71.0	233.3	228.1	144.5	162.2	56.5	75.0	382.6	2,477.5

¹ Preliminary.

Production and Marketing Administration. Compiled from the Rayon Organon of the Textile Economics Bureau, Inc. Rayon is defined as "a man-made textile with a cellulose base." Production of Nylon, Vinyon, casein fibers, and other synthetic fibers, which are made basically from substances other than cellulose, not included.

TABLE 115.—*Sugar beets: Acreage, production, season average price per ton received by farmers, and value; production of beet sugar and pulp, United States, 1929-48*

Year of harvest	Sugar beets						Beet sugar and pulp			
	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price ¹	Farm value	Sugar produced (chiefly refined)	Molasses pulp	Dried pulp	Moist pulp
	1,000 acres	1,000 acres	Short tons	1,000 short tons	Dollars	1,000 dollars	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1929	772	688	10.6	7,315	7.08	51,804	1,018	111	48	
1930	821	776	11.9	9,199	7.14	65,698	1,208	150	60	1,458
1931	760	713	11.1	7,903	5.94	46,948	1,156	99	75	1,112
1932	812	764	11.9	9,070	5.26	47,705	1,357	116	134	1,340
1933	1,036	983	11.2	11,030	5.13	56,599	1,642	141	134	1,715
1934	945	770	9.8	7,519	5.16	38,776	1,160	130	92	1,198
1935	809	763	10.4	7,908	5.76	45,565	1,185	125	74	1,454
1936	855	776	11.6	9,028	6.05	54,636	1,304	157	73	1,543
1937	813	753	11.6	8,759	5.26	46,101	1,283	166	51	1,600
1938	985	925	12.4	11,497	4.65	53,478	1,676	219	105	1,858
1939	993	918	11.7	10,781	4.76	51,342	1,644	175	98	1,711
1940	971	912	13.4	12,194	5.13	62,540	1,756	189	114	1,625
1941	796	755	13.7	10,342	6.47	66,928	1,491	181	101	1,556
1942	1,048	954	12.2	11,685	6.87	80,279	1,619	151	138	1,688
1943	619	550	11.9	6,547	8.87	58,089	935	84	77	1,063
1944	633	555	12.1	6,715	10.60	71,354	979	77	101	1,008
1945	776	713	12.1	8,626	10.20	87,636	1,183	115	101	1,173
1946	904	802	13.2	10,562	11.20	117,835	1,423	165	130	1,434
1947	968	881	14.2	12,503	11.90	148,377	1,715	217	91	1,847
1948 ²	799	694	13.6	9,422	10.40	98,280	1,279	207	76	1,316

¹ Prices do not include Government payments under the Sugar Act. Price support payments for 1943-46 are included. (See table 120.)

² Preliminary.

Bureau of Agricultural Economics. Data for 1913-28 in Agricultural Statistics, 1942, table 170.

TABLE 116.—*Sugar beets: Acreage, production, and season average price per ton received by farmers, by States, average 1937-46, annual 1947 and 1948*

State	Acreage planted			Acreage harvested			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947 ²	1948 ^{1,2}
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	Dollars	Dollars
Ohio	36	26	14	32	21	13	289	151	161	8.68	13.00	12.20
Michigan	103	84	63	92	66	52	798	446	458	8.63	13.40	13.50
Nebraska	69	82	50	63	71	42	809	805	496	6.83	11.40	9.00
Montana	77	82	66	72	77	55	863	899	672	7.47	12.30	9.90
Idaho	67	116	92	62	103	80	911	1,761	1,233	7.24	11.90	10.30
Wyoming	43	39	34	40	36	27	483	457	310	7.16	12.00	9.40
Colorado	157	176	123	145	168	103	1,856	2,548	1,370	7.04	11.50	9.40
Utah	45	47	40	42	45	35	560	740	427	7.03	11.60	9.90
California ³	139	164	187	128	156	172	1,949	2,897	2,819	7.79	12.20	11.00
Other States...	118	152	130	108	138	115	1,252	1,799	1,476	7.17	11.40	10.40
United States...	854	968	799	784	881	694	9,771	12,503	9,422	7.41	11.90	10.40

¹ Preliminary.

² Does not include Government payments under the Sugar Act of approximately \$2.45 per ton in 1947 and \$2.45 in 1948.

³ Relates to year of harvest (including acreage planted in preceding fall).

Bureau of Agricultural Economics.

TABLE 117.—*Sugar-beet seed: Acreage, yield, production, price per pound, farm value, and foreign trade, United States, 1932-1948*

Year	Acreage harvested	Yield per acre	Pro-duction	Average price per pound received by farmers	Farm value	Foreign trade	
						Im-ports ¹	Ex-ports
	<i>Acres</i>	<i>Pounds</i>	<i>100-pound bags</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>100-pound bags</i>	<i>100-pound bags</i>
1932	412	1,337	5,508	7.51	41	209,132	
1933	949	1,448	14,119	8.04	114	202,766	
1934	1,601	1,765	28,256	8.02	227	157,560	
1935	2,322	1,671	38,808	8.19	318	113,488	
1936	5,978	1,360	81,307	8.05	655	109,601	
1937	7,064	1,712	120,965	8.65	1,046	130,167	
1938	8,376	1,631	136,619	8.66	1,183	46,535	
1939	7,754	1,787	138,534	8.52	1,180	82,432	
1940	6,568	1,127	74,018	8.43	624	7,814	
1941	10,235	1,767	180,852	9.23	1,669		1,267
1942	9,467	1,704	161,304	9.84	1,587		4,280
1943	9,926	1,574	156,258	11.73	1,833		2,014
1944	6,254	2,009	125,665	13.01	1,635		1,692
1945	4,849	2,170	105,446	13.14	1,386		34,236
1946	5,740	2,862	164,286	13.11	2,154		90,762
1947	6,420	2,632	168,990	13.18	2,227	800	104,775
1948	7,838	2,870	224,948	14.17	3,188		² 62,824

¹ Compiled from annual reports, Foreign Commerce and Navigation of the United States, Department of Commerce.

² Data supplied by Foreign Trade Division, Census Bureau, Department of Commerce.

³ Includes 17,322 bags shipped to Germany under the Department of the Army Civilian-Supply Program.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Data in first 5 columns compiled from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 118.—*Sugar-beet seed: Acreage, yield per acre, and production, by States, average 1936-45, annual 1946-48*¹

State	Acreage harvested				Yield per acre				Production			
	Average 1936-45	1946	1947	1948	Average 1936-45	1946	1947	1948	Average 1936-45	1946	1947	1948
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>100-lb. bags</i>	<i>100-lb. bags</i>	<i>100-lb. bags</i>	<i>100-lb. bags</i>
New Mexico	1,228	560	544	532	1,295	1,723	1,301	1,277	15,908	9,649	7,076	6,795
Utah	588	466	480	587	2,099	2,064	2,901	2,384	12,340	9,618	13,926	13,992
Nevada	106	83	41	165	1,664	1,494	2,476	1,999	1,764	1,237	1,015	3,299
Arizona	3,639	3,479	3,629	3,996	1,658	3,286	2,973	3,319	60,353	114,334	107,901	132,642
California	1,099	727	1,071	1,456	2,611	2,981	2,581	2,929	28,697	21,607	27,645	42,642
Oregon	558	409	634	1,091	1,589	1,879	1,766	2,335	8,866	7,685	11,199	25,470
Other States	376	16	21	11	1,064	975	1,085	982	4,001	156	228	108
Total, all varieties	7,594	5,740	6,420	7,838	1,737	2,862	2,632	2,870	131,929	164,286	168,990	² 224,948
Curly-top-resistant varieties ³	2,518	1,635	2,018	2,495	2,092	2,442	2,615	3,238	52,670	39,932	52,763	80,797

¹ Seed is produced almost exclusively from fall plantings overwintered in the field.

² Comprises 80,797 bags of curly-top-resistant varieties, 28,818 bags of commercial seed of United States leaf-spot-resistant varieties, 2,231 bags of stock seed for use in future production of commercial seed, and 113,102 bags of seed of improved varieties bred by beet-sugar companies. See Agricultural Statistics 1948, table 121., for notes regarding the 1947 crop.

³ The curly-top-resistant varieties are chiefly those bred by the Bureau of Plant Industry, Soils, and Agricultural Engineering.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports furnished by beet-sugar companies and their associations engaged in sugar-beet seed production.

TABLE 119.—*Sugar beets: Acreage and production in specified countries, averages 1935-39 and 1940-44, annual 1945-48*

Continent and country	Acreage						Production					
	Average		1945	1946	1947	1948 ¹	Average		1945	1946	1947	1948 ¹
	1935-39	1940-44					1935-39	1940-44				
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	
North America:												
Canada.....	50	62	59	67	59	60	504	655	619	734	606	705
United States.....	828	744	713	802	881	694	9,623	9,497	8,626	10,562	12,503	9,422
Total.....	878	807	772	869	940	754	10,127	10,152	9,245	11,296	13,109	10,127
Europe:												
Austria.....	105	83	22	40	49	54	1,234	814	112	247	270	397
Belgium.....	122	133	94	110	129	112	1,731	1,820	998	1,638	1,221	1,673
Bulgaria.....	22	53	66	80	44	88	175	310	136	238	139	468
Czechoslovakia.....	2 380	3 365	3 372	3 432	3 452	3 421	2 4,441	3 3,294	3 3,006	3 4,785	3 2,653	3 4,920
Denmark.....	99	112	96	106	118	108	1,595	1,676	1,422	1,686	1,604	1,886
Eire.....	55	72	85	75	62	66	577	687	774	569	529	563
Finland.....	9	8	7	9	13	16	108	52	41	53	85	196
France.....	579	597	488	618	722	724	7,165	6,334	4,927	7,304	6,495	10,473
Germany.....	1,071	1,665	493	805	876	857	14,179	17,355	5,512	7,501	5,852	10,164
Hungary.....	2 94	3 166	3 56	3 119	3 230	3 235	2 866	3 1,621	3 331	3 569	3 1,279	3 1,857
Italy.....	273	371	71	250	274	279	3,135	4,070	443	2,554	2,459	3,758
Netherlands.....	107	110	45	111	126	116	1,759	1,716	495	1,879	1,739	2,086
Poland and Danzig.....	2 331	3 403	3 457	3 419	3 518	3 552	2 3,147	3 3,520	3 3,059	3 3,007	3 3,858	3 4,658
Rumania.....	2 100	3 111	3 106	3 111	3 141	3 151	2 842	3 520	3 243	3 225	3 569	3 680
Spain.....	193	147	144	176	200	247	2,221	1,302	1,067	1,682	1,125	1,819
Sweden.....	128	132	135	135	119	116	2,089	2,008	2,000	1,958	1,646	1,993
Switzerland.....	6	10	13	13	13	13	91	164	235	188	177	204
United Kingdom.....	346	391	417	436	395	413	3,399	3,883	4,353	5,065	3,315	4,599
Yugoslavia.....	71	67	47	62	67	82	707	391	308	524	633	827
Total Europe, excluding U.S.S.R.	4,091	4,996	3,214	4,107	4,548	4,650	48,461	51,537	29,462	41,672	35,648	53,221
U.S.S.R. (Europe and Asia ⁴).....	3,023	2,026	2,029	2,318	2,422	2,842	18,651	13,686	9,557	5,690	13,393	16,865
Asia:												
Turkey.....	69	97	129	128	111	118	435	584	609	722	677	788
Grand total.....	8,061	7,926	6,144	7,422	8,021	8,364	77,674	75,959	48,873	59,380	62,827	81,001

¹ Preliminary.² Less than 5 years.³ Data not comparable with previous years because of boundary changes.⁴ Includes Latvia and Lithuania.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research and other information. Except as otherwise noted, all acreage and production figures are for prewar boundaries.

TABLE 120.—*Sugar beets: Season average price per ton received by farmers, support payments, and program payments, by States, crop years 1944-48*¹

State and kind of payments	1944	1945	1946	1947 ²	1948 ²	State and kind of payments	1944	1945	1946	1947 ²	1948 ²
	Dol.	Dol.	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.	Dol.	Dol.
Ohio:						Colorado:					
Price of beets.....	8.84	9.05	13.80	13.00	-----	Price of beets.....	7.88	8.00	10.10	11.50	-----
Support payments.....	3.16	2.65	-----	-----	-----	Support payments.....	2.82	1.90	-----	-----	-----
Program payments.....	2.69	2.56	2.78	2.24	-----	Program payments.....	2.68	2.48	2.24	2.41	-----
Total.....	14.69	14.26	16.58	15.24	-----	Total.....	13.38	12.38	12.34	13.91	-----
Michigan:						Utah:					
Price of beets.....	9.05	8.55	13.80	13.40	-----	Price of beets.....	7.29	7.51	10.70	11.60	-----
Support payments.....	3.05	2.55	-----	-----	-----	Support payments.....	2.81	2.09	-----	-----	-----
Program payments.....	2.64	2.48	2.79	2.38	-----	Program payments.....	2.60	2.43	2.26	2.42	-----
Total.....	14.74	13.58	16.59	15.78	-----	Total.....	12.70	12.03	12.96	14.02	-----
Nebraska:						California: ³					
Price of beets.....	7.40	7.41	10.30	11.40	-----	Price of beets.....	7.81	8.57	11.20	12.20	-----
Support payments.....	2.80	1.79	-----	-----	-----	Support payments.....	2.99	2.23	-----	-----	-----
Program payments.....	2.55	2.32	2.28	2.39	-----	Program payments.....	2.53	2.50	2.47	2.43	-----
Total.....	12.75	11.52	12.58	13.79	-----	Total.....	13.33	13.30	13.67	14.63	-----
Montana:						Other States:					
Price of beets.....	7.69	8.24	10.90	12.30	-----	Price of beets.....	7.21	7.57	11.20	11.40	-----
Support payments.....	2.91	2.06	-----	-----	-----	Support payments.....	2.89	2.22	-----	-----	-----
Program payments.....	2.68	2.61	2.45	2.56	-----	Program payments.....	2.55	2.47	2.47	2.37	-----
Total.....	13.28	12.91	13.35	14.86	-----	Total.....	12.65	12.26	13.67	13.77	-----
Idaho:						United States:					
Price of beets.....	7.37	7.78	11.50	11.90	-----	Price of beets.....	7.72	8.09	11.20	11.90	10.40
Support payments.....	2.93	2.12	-----	-----	-----	Support payments.....	2.88	2.11	-----	-----	-----
Program payments.....	2.62	2.53	2.45	2.52	-----	Program payments.....	2.62	2.49	2.43	2.44	2.45
Total.....	12.92	12.43	13.95	14.42	-----	Total.....	13.22	12.69	13.63	14.34	12.85
Wyoming:											
Price of beets.....	7.57	8.19	10.90	12.00	-----						
Support payments.....	2.73	1.91	-----	-----	-----						
Program payments.....	2.65	2.59	2.46	2.55	-----						
Total.....	12.95	12.69	13.36	14.55	-----						

¹ Program payments for 1944-47 were made under Sugar Act of 1937, as amended; payments for 1948 were made under Sugar Act of 1948; payments with respect to crop deficiency and acreage abandonment have not been included. See table 756 for amounts of abandonment and deficiency payments. Support payments for 1944 and 1945 were made under the War Food Administration program.

² Preliminary. For 1947, the price of beets includes C.C.C. support payments which averaged nationally \$1.30 per ton. Price support payments not available by States.

³ Price of beets includes fall-planted beets in next crop year. Support payments and Sugar Act payments include fall-planted beets in the same crop year.

Bureau of Agricultural Economics. Payments under Federal sugar program computed by Sugar Branch of Production and Marketing Administration.

TABLE 121.—*Sugarcane for sugar and seed: Acreage, production, and value, also production of cane sugar and molasses, Louisiana and Florida, 1929-48*

Year ¹	Acreage harvested			Yield of cane per acre ¹			Production			Season average price per ton received by farmers ²	Farm value		Sugar produced			Molasses made		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total		Of cane used for sugar	Of cane used for sugar and seed	96° raw basis ³	Equivalent refined ⁴	96° raw sugar per ton of cane	Black-strap	Edible	Total ⁵
	1,000 acres	1,000 acres	1,000 acres	Short tons	Short tons	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Dollars	1,000 dollars	1,000 dollars	1,000 short tons	1,000 short tons	Pounds	1,000 gallons	1,000 gallons	1,000 gallons
1929.....	191.7	13.3	205.0	16.3	17.3	16.3	3,120	230	3,350	3.73	11,637	12,500	218	205	140	15,862	5,201	21,063
1930.....	187.2	16.3	203.5	15.5	14.9	15.5	2,910	243	3,153	3.31	9,614	10,430	215	201	148	14,234	4,855	19,089
1931.....	182.1	17.3	199.4	13.9	13.8	13.9	2,524	239	2,763	3.21	8,093	8,874	184	172	146	11,296	5,168	16,464
1932.....	220.6	21.3	241.9	15.0	13.7	14.9	3,307	292	3,599	2.98	9,854	10,741	265	243	160	13,472	5,462	18,934
1933.....	211.4	22.4	233.8	14.5	13.7	14.4	3,069	306	3,375	3.14	9,614	10,607	250	234	163	14,140	5,301	19,441
1934.....	235.8	26.8	262.6	14.4	14.9	14.5	3,403	399	3,802	2.33	7,925	8,854	267	249	157	15,686	5,512	21,198
1935.....	253.1	22.3	275.4	18.1	17.1	18.0	4,573	381	4,954	3.15	14,382	15,589	383	358	168	23,380	5,526	28,906
1936.....	243.6	20.6	264.2	22.2	21.4	22.2	5,419	441	5,860	3.67	19,872	21,499	437	409	161	31,061	5,228	36,289
1937.....	284.4	22.8	307.2	20.7	21.3	20.7	5,881	486	6,367	2.90	17,076	18,488	462	432	157	33,531	3,880	37,411
1938.....	294.3	18.6	312.9	22.9	22.4	22.9	6,741	416	7,157	2.70	18,240	19,355	583	545	173	40,506	3,882	44,388
1939.....	256.1	20.8	276.9	22.6	22.2	22.5	5,783	461	6,244	2.84	16,441	17,759	504	471	174	31,716	4,891	36,607
1940.....	238.0	31.7	269.7	16.0	13.3	15.6	3,797	421	4,218	2.87	10,934	12,097	332	311	172	21,476	2,706	24,182
1941.....	256.0	32.7	288.7	19.1	17.9	19.0	4,887	584	5,471	3.95	19,284	21,585	419	400	170	26,601	7,732	34,333
1942.....	291.4	25.5	316.9	18.5	17.3	18.4	5,400	440	5,840	4.39	23,743	25,663	480	430	164	33,184	10,690	43,874
1943.....	286.2	19.7	305.9	21.2	20.5	21.2	6,081	404	6,485	4.58	27,820	29,675	498	469	153	34,116	6,922	41,038
1944.....	273.1	21.2	294.3	20.9	20.2	20.8	5,700	428	6,128	4.95	28,191	30,313	437	409	144	32,165	15,181	47,346
1945.....	270.4	20.0	290.4	23.2	22.1	23.1	6,276	442	6,718	5.67	35,593	38,078	475	425	397	46,404	13,589	39,993
1946.....	286.7	24.1	310.8	19.3	18.3	19.2	5,525	442	5,967	6.62	36,603	39,513	425	397	154	26,404	13,589	39,993
1947.....	292.6	28.6	321.2	16.5	15.9	16.5	4,842	455	5,297	7.17	34,697	37,974	376	352	155	27,076	5,146	32,222
1948 ⁶	305.2	28.4	333.6	20.6	20.1	20.5	6,275	572	6,847	5.83	36,608	39,949	477	446	152	43,354	4,016	47,370

¹ The growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following the season of growth.

² Prices do not include Government payments under the Sugar Act. Price support payments for 1943-45 are included. See table 123.

³ Calculated by the Agricultural Adjustment Administration method. (S. R. Series 1, No. 1.)

⁴ Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

⁵ Sirup production not included. (See table 135.)

⁶ Preliminary.

Bureau of Agricultural Economics. Of the total sugar produced in Louisiana about 25 percent consists of direct consumption sugar, marketed "as made" without further refining. Data for 1909-28 in Agricultural Statistics, 1942, table 175.

TABLE 122.—*Sugarcane for sugar and products: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1937-46, annual 1947 and 1948*

SUGARCANE FOR SUGAR AND SEED

State	Acreage harvested			Yield of cane per acre ²			Cane production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947 ³	1949 ^{1,3}
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
For sugar:												
Louisiana.....	247.4	258	270	19.2	15.2	19.5	4,776	3,922	5,265	4.12	7.24	5.85
Florida.....	26.3	34.6	35.2	31.8	26.6	28.7	831	920	1,010	4.27	6.85	5.75
Total.....	273.7	292.6	305.2	20.4	16.5	20.6	5,607	4,842	6,275	4.15	7.17	5.83
For seed:												
Louisiana.....	22.9	27	27	19.0	15.2	19.5	424	410	526			
Florida.....	.8	1.6	1.4	34.6	28.0	33.0	28	45	46			
Total.....	23.7	28.6	28.4	19.6	15.9	20.1	452	455	572			
For sugar and seed:												
Louisiana.....	270.3	285	297	19.2	15.2	19.5	5,200	4,332	5,791	4.12	7.24	5.85
Florida.....	27.1	36.2	36.6	31.8	26.7	28.9	859	965	1,066	4.27	6.85	5.75
United States total.....	297.4	321.2	333.6	20.3	16.5	20.5	6,060	5,297	6,847	4.15	7.17	5.83

PRODUCTS OF CANE HARVESTED FOR SUGAR

State	Raw sugar per ton of cane, 96° equivalent			Raw sugar produced, 96° equivalent ⁴			Equivalent refined ⁵			Molasses, including blackstrap		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 gal. tons</i>	<i>1,000 gal. tons</i>	<i>1,000 gal. tons</i>
Louisiana.....	159	151	151	380	297	397	355	278	371	33,030	26,822	40,234
Florida.....	191	172	158	80	79	80	75	74	75	5,033	5,400	7,136
United States total.....	164	155	152	460	376	477	430	352	446	38,062	32,222	47,370

¹ Preliminary.

² The growth of 9 months in Louisiana and 12 months in Florida. Sugar campaign usually ends by December or early January in Louisiana and in Florida by March following the season of growth.

³ Does not include Government payments under the Sugar Act of approximately \$1.36 per ton in 1947 and \$1.26 in 1948.

⁴ Calculated by the Agricultural Adjustment Administration method (S.R. Series 1, No. 1).

⁵ Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

⁶ Includes 5,146,000 gallons of edible molasses in 1947 and 4,016,000 gallons in 1948.

⁷ Edible molasses not produced in Florida; therefore the Florida figures are for blackstrap.

Bureau of Agricultural Economics.

TABLE 123.—*Sugarcane for sugar: Average price per ton and payments to farmers under Federal sugar programs, Florida and Louisiana, 1939-48*

Year	Florida				Louisiana				United States			
	Price of cane	Payments under Federal sugar programs		Total	Price of cane	Payments under Federal sugar programs		Total	Price of cane	Payments under Federal sugar programs		Total
		Price support ¹	Other ²			Price support ¹	Other ²			Price support ¹	Other ²	
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1939.....	2.58	-----	1.18	3.76	2.88	-----	1.02	3.90	2.84	-----	1.04	3.88
1940.....	3.37	-----	1.25	4.62	2.72	-----	.96	3.68	2.88	-----	1.03	3.91
1941.....	3.87	-----	1.20	5.17	3.94	-----	.98	4.92	3.95	-----	1.02	4.97
1942.....	4.74	-----	1.57	6.31	4.35	-----	1.38	5.73	4.40	-----	1.40	5.80
1943.....	4.38	-----	1.55	5.93	4.26	0.34	1.34	5.94	4.27	0.30	1.36	5.93
1944.....	4.47	0.26	1.49	6.22	4.15	.83	1.28	6.26	4.20	.75	1.31	6.26
1945.....	4.92	1.21	1.58	7.71	4.08	1.50	1.27	6.85	4.22	1.45	1.32	6.99
1946.....	6.95	-----	1.54	8.49	6.55	-----	1.32	7.87	6.62	-----	1.36	7.98
1947.....	6.85	-----	1.51	8.36	7.24	-----	1.33	8.57	7.17	-----	1.36	8.53
1948 ⁴	5.75	-----	1.24	6.99	5.88	-----	1.26	7.14	5.86	-----	1.26	7.12

¹ Made under the Commodity Credit Corporation price assistance program.

² Representing gross payments relative to sugarcane marketed before applying penalties which were imposed in 1940 and before deducting county association expenses which were charged in all years; payments with respect to crop deficiency and acreage abandonment not included. Conditional payments under the Sugar Act computed at the basic rate before adjusting for reductions applicable to large producers as provided for in sec. 304 (c). The basic rate of payment increased from 60 to 80 cents per 100 pounds of sugar in 1942.

³ Revised.

⁴ Preliminary.

Bureau of Agricultural Economics. Payments under Federal sugar program computed by Sugar Branch of Production and Marketing Administration.

TABLE 124.—*Sugar, raw basis: Production in continental United States and principal areas supplying United States with sugar, 1939-48*

Crop year ¹	Cane sugar							Beet sugar, continental United States ³	Total cane and beet sugar
	Continental United States	Puerto Rico	Hawaii	Philippine Islands ²	Virgin Islands	Cuba	Total		
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
1939.....	504	1,026	977	1,142	7	3,157	6,813	1,759	8,572
1940.....	332	918	947	1,148	8	2,734	6,087	1,879	7,966
1941.....	419	1,082	870	665	1	3,800	6,837	1,595	8,432
1942.....	460	1,046	886	150	4	3,230	5,776	1,732	7,508
1943.....	498	729	875	150	3	4,738	6,993	1,000	7,993
1944.....	437	971	821	75	4	3,923	6,231	1,048	7,279
1945.....	475	916	680	115	5	4,476	6,667	1,266	7,933
1946.....	425	1,095	872	184	3	6,448	9,027	1,523	10,550
1947.....	376	1,116	835	498	4	6,675	9,504	1,835	11,339
1948 ⁴	477	1,275	985	820	4	5,763	9,324	1,369	10,693

¹ Crop year, with beginning dates varying from September to the following January.

² Includes the production of muscovado and panocha, a low grade of sugar mostly for domestic consumption.

³ Beet sugar (refined) reduced to raw basis by multiplying by 1.07.

⁴ Preliminary.

Office of Foreign Agricultural Relations.

TABLE 125.—*Cane sugar: Production in Cuba, 1940-49*¹

Year ¹	Acreage in cane		Sugarcane harvested ²		Raw sugar produced		Molasses produced	
	Grown	Harvested	Per acre	Total	Total	Per ton of sugarcane	Black-strap	High test
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1940.....	2,325	1,883	16.58	31,220	3,157	247	124,903	178,026
1941.....	2,294	1,847	17.87	33,010	2,734	250	101,241	338,712
1942.....	2,172	2,093	17.45	36,525	3,800	246	163,628	168,602
1943.....	2,402	1,597	15.85	25,309	3,230	260	139,543	0
1944.....	2,496	2,392	18.90	45,314	4,738	248	231,391	222,523
1945.....	2,528	2,343	12.90	30,224	3,923	260	194,741	0
1946.....	2,645	2,517	14.65	36,859	4,476	243	233,650	0
1947.....	2,845	2,774	18.96	52,584	6,448	245	299,400	0
1948.....	3,025	2,915	18.62	54,270	6,675	246	341,000	0
1949 ³	2,875	2,650	17.36	45,997	5,763	251	300,000	0

¹ Harvesting season usually begins in January and extends through June. The length of the growing season is normally 12 months.

² Includes cane harvested for sugar and high-test molasses.

³ Preliminary.

Office of Foreign Agricultural Relations. Prepared from data compiled by the Cuban Department of Agriculture and from trade sources.

TABLE 126.—*Cane sugar: Production in Puerto Rico, 1940-49*

Year ¹	Acreage in cane		Sugarcane harvested		96° sugar produced		Black-strap molasses produced
	Grown	Harvested	Total	Per acre	Total	Per ton of sugarcane	
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 short tons</i>	<i>Short tons</i>	<i>1,000 short tons</i>	<i>Pounds</i>	<i>1,000 gallons</i>
1940.....	303	253	8,976	35.5	1,026	229	44,156
1941.....	337	236	7,555	32.0	918	243	40,276
1942.....	338	308	9,963	32.4	1,082	217	51,400
1943.....	319	310	8,667	27.9	1,046	242	40,200
1944.....	313	280	5,600	20.0	729	260	28,200
1945.....	336	289	7,994	27.7	971	243	40,400
1946.....	352	303	7,538	24.9	916	243	38,400
1947.....	365	325	9,280	28.5	1,095	236	50,800
1948.....	369	336	9,541	28.4	1,116	234	54,823
1949 ²			11,200		1,275	228	63,750

¹ Grinding begins in January. About $\frac{1}{3}$ of the crop is 18 months' growth and $\frac{2}{3}$ is 12 months' growth.

² Preliminary.

Production and Marketing Administration. Molasses data from the Association of Sugar Producers of Puerto Rico.

TABLE 127.—Cane sugar: Production in Hawaii, 1939-48

Year ¹	Total acreage in cane	Cane used for sugar			Sugar produced		Raw sugar 96° made per short ton of cane	Recovery of equivalent refined sugar from cane ground ⁵
		Acreage har- vested	Yield per acre ²	Pro- duc- tion	Converted to 96° raw basis ³	Equiva- lent re- fined ⁴		
	1,000 acres	1,000 acres	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds	Percent
1939.....	235	138	62.2	8,610	994	929	231	10.79
1940.....	235	136	62.7	8,557	977	913	228	10.67
1941.....	238	131	65.5	8,560	947	885	221	10.34
1942.....	225	115	69.0	7,918	870	813	220	10.27
1943.....	221	114	72.0	8,185	886	828	216	10.11
1944.....	216	110	71.6	7,832	875	818	223	10.44
1945.....	211	103	71.4	7,371	821	768	223	10.41
1946.....	208	84	71.1	6,002	680	636	227	10.59
1947.....	212	113	70.3	7,942	872	815	220	10.26
1948.....	207	100	75.4	7,543	835	780	221	10.35

¹ Beginning Jan. 1.² The growth of 18 to 24 months. Only a portion of the total acreage in cane is harvested each year.³ Converted in accordance with Sugar Regulations, Series 1, No. 1, U.S. Department of Agriculture, Agricultural Adjustment Administration, issued Feb. 18, 1935.⁴ 1 ton of raw sugar, 96° test, is assumed to be equivalent to 0.9346 ton of refined.⁵ Based on tonnage of cane used.

Bureau of Agricultural Economics. Collected through the Hawaiian Sugar Planters' Association. Data for 1919-38 in Agricultural Statistics, 1942, table 182.

TABLE 128.—Cane sugars: Production in Philippine Islands, 1939-48

Crop year ¹	Sugarcane harvested				Sugar produced				Centrif- ugal sugar made per ton of sugarcane	Production of—	
	Acreage culti- vated	Yield per acre ²	Produc- tion of all cane har- vested ³	Produc- tion for centrif- ugal sugar	Total	Centrif- ugal as made	Musco- vado	Pan- ocha		Basi	Mo- lasses
	1,000 acres	Short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	Pounds	1,000 gallons	1,000 gallons
1939.....	590	16.97	10,011	8,917	1,142	1,049	64	29	235	1,793	50,578
1940.....	551	17.00	9,506	8,135	1,148	1,035	75	38	254	2,000	49,163
1941.....	334	17.00	5,795	4,400	665	550	75	40	250	2,000	26,125
1942.....	180	10.00	1,795	40	160	5	100	45	250	2,000	238
1943.....	144	10.00	1,435	40	150	5	100	45	250	2,000	238
1944.....	96	10.00	955	40	75	5	50	20	250	2,000	238
1945.....	135	10.00	1,349	110	115	13	75	27	236	2,000	618
1946.....	192	10.00	1,915	700	184	84	75	25	228	2,000	2,568
1947.....	305	16.11	4,915	3,760	498	398	75	25	212	2,000	15,474
1948 ⁴	417	17.19	7,170	5,955	820	720	75	25	240	2,000	30,000

¹ Harvesting season begins about Nov. 1, the length of the growing season being about 11 months.² Calculated cane production divided by acreage.³ Calculated cane production is the sum of the estimated quantities of cane used for the production of the various kinds of sugar and basi. The quantity of cane ground for the production of centrifugal sugar is estimated on the basis of the reported yield of sugar per ton of cane. The quantity of cane ground for the production of muscovado, panocha, and basi is estimated on the basis of assumed ratios of sugar extraction between the small mills and centrals.⁴ Preliminary.

Office of Foreign Agricultural Relations. Compiled from reports of Philippine Department of Agriculture and Commerce.

TABLE 129.—*Sugar, raw value: Production in specified countries, averages 1935-39 and 1940-44, annual 1943-48*¹

Continent and country	Average		1943	1944	1945	1946	1947	1948 ²
	1935-39	1940-44						
	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons	1,000 short tons
North America (cane):								
British Honduras.....	1	1	1	1	1	1	1	1
Canada (beet).....	76	99	76	88	88	115	87	97
Costa Rica.....	9	12	17	9	9	17	23	23
El Salvador.....	19	20	23	20	22	32	30	25
Guatemala.....	38	55	62	54	64	68	60	65
Honduras.....	2	1	1	2	2	2	2	4
Mexico.....	364	455	460	439	444	578	714	818
Nicaragua.....	9	15	17	14	17	17	20	22
Panama, including Canal Zone.....	5	5	6	5	7	9	12	14
United States (beet).....	1,518	1,451	1,000	1,048	1,266	1,523	1,835	1,369
United States (cane).....	474	429	498	437	475	425	376	477
Caribbean:								
Antigua.....	25	22	18	23	30	25	14	18
Barbados.....	133	108	95	111	127	99	65	140
Cuba.....	3,183	3,685	4,738	3,923	4,476	6,448	6,675	5,763
Dominican Republic.....	491	485	567	407	504	512	465	509
Grenada.....	1	1	1	1	1	1	1	1
Guadeloupe.....	53	49	32	31	33	34	30	40
Haiti.....	44	47	64	50	44	50	47	53
Jamaica.....	119	175	170	170	199	191	216	263
Martinique.....	62	37	6	12	26	38	22	43
Puerto Rico.....	977	949	729	971	916	1,095	1,116	1,275
St. Christopher.....	36	36	31	32	36	38	36	36
St. Lucia and St. Vincent.....	9	9	7	8	8	8	14	13
Trinidad and Tobago.....	148	102	83	86	123	123	130	175
Virgin Islands of the United States.....	6	4	3	4	5	3	4	4
Total.....	7,802	8,252	8,705	7,946	8,923	11,452	11,995	11,248
Europe (beet):								
Austria.....	196	128	119	91	20	27	44	58
Belgium.....	259	253	270	216	156	258	153	295
Bulgaria.....	24	52	³ 53	³ 39	³ 21	³ 37	³ 21	³ 72
Czechoslovakia.....	721	680	584	592	494	651	387	697
Denmark.....	257	232	201	182	189	221	255	291
Eire.....	89	103	133	99	116	64	75	104
Finland.....	13	6	⁴ 6	⁴ 6	⁴ 5	⁴ 6	⁴ 11	⁴ 23
France.....	1,059	636	714	366	508	842	728	1,061
Germany.....	2,122	2,172	³ 2,097	³ 2,414	³ 860	³ 1,102	³ 863	³ 1,437
Hungary.....	139	199	183	³ 216	8	74	171	255
Italy.....	416	411	371	65	21	301	262	502
Netherlands.....	257	212	237	45	66	273	246	311
Poland and Danzig.....	548	531	500	480	³ 216	³ 469	³ 606	³ 765
Rumania.....	129	73	³ 171	³ 32	³ 31	³ 38	³ 90	³ 125
Spain ⁴	209	164	150	178	132	208	163	288
Sweden.....	340	318	321	308	309	302	267	321
Switzerland.....	12	22	23	25	31	24	26	30
United Kingdom.....	527	560	590	465	603	668	523	679
Yugoslavia.....	93	67	68	19	36	44	95	105
Total Europe (excluding U.S.S.R.).....	7,410	6,819	6,791	5,838	3,822	5,609	4,986	7,419
U.S.S.R. (Europe and Asia)⁵ (beet).....	2,887	1,283	808	1,270	1,200	775	1,700	2,000
Asia (cane):								
Iran (beet).....	21	27	25	28	25	40	64	51
Turkey (beet).....	75	102	118	110	118	118	118	145
Burma.....	78	38	47	43	20	40	20	20
China.....	438	402	358	350	350	369	380	400
Manchuria (beet).....	¹ 14	25	¹ 26	31	30	29	29	29
Formosa.....	1,202	922	984	361	95	38	328	625
French Indochina.....	76	81	¹ 75	80	6	15	15	20
India ⁶	5,369	5,154	5,702	5,296	5,094	5,503	6,500	5,580
Pakistan ⁶	799	797	849	842	972	954	989	1,100
Japan ⁷	167	134	105	105	50	10	20	20
Java and Madura ⁸	1,447	953	550	95	22	25	100	300
Philippine Islands ⁹	1,127	432	150	75	115	184	498	820
Total Asia (excluding U.S.S.R.).....	10,813	9,067	8,989	7,416	6,897	7,325	9,061	9,110

See footnotes at end of table.

TABLE 129.—*Sugar, raw value: Production in specified countries, averages 1935-39 and 1940-44, annual 1943-48*¹—Continued

Continent and country	Average		1943	1944	1945	1946	1947	1948 ²
	1935-39	1940-44						
	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>	<i>1,000 short tons</i>
South America (cane):								
Argentina.....	480	479	453	506	495	700	668	623
Brazil.....	1,159	1,382	1,411	1,344	1,394	1,633	1,913	2,026
British Guiana.....	209	180	155	174	184	185	194	207
Colombia.....	47	74	86	95	95	97	127	146
Ecuador.....	24	32	31	27	38	39	40	51
Paraguay.....	7	13	11	11	9	21	18	14
Peru.....	448	476	460	468	438	476	549	540
Surinam.....	19	10	4	5	6	4	6	8
Uruguay (beet).....	2	2	2	2	2	2	1	2
Venezuela.....	19	37	40	42	33	36	32	40
Total.....	2,414	2,685	2,653	2,674	2,694	3,193	3,548	3,657
Africa (cane):								
Belgian Congo.....	15	17	16	15	16	16	18	18
British East Africa:								
Kenya.....	} 63	13	10	9	9	7	12	16
Tanganyika.....		9	8	9	8	9	9	9
Uganda.....		55	50	50	51	55	68	85
Egypt.....	167	183	184	190	198	210	245	220
Madagascar.....	13	13	14	13	18	14	12	13
Madagascar and Azores.....	9	5	5	6	7	8	8	8
Mauritius.....	321	330	345	223	175	320	386	430
Mozambique.....	79	87	93	91	79	89	85	94
Angola.....	38	54	58	58	56	49	49	61
Reunion.....	92	67	28	17	27	58	95	86
Union of South Africa.....	498	550	585	614	553	475	512	608
Total.....	1,295	1,383	1,396	1,295	1,197	1,310	1,499	1,648
Oceania (cane):								
Australia.....	894	758	587	736	746	619	678	1,057
Fiji.....	143	115	60	77	73	131	157	150
Hawaiian Islands.....	980	880	875	821	680	872	835	985
Japanese Mandated Islands.....	69	30	0	0	0	0	0	0
Total.....	2,086	1,783	1,522	1,634	1,499	1,622	1,670	2,192
Total, beet.....	12,025	9,831	8,869	8,439	6,575	8,198	8,806	11,094
Total, cane.....	22,682	21,441	21,995	19,634	19,657	23,088	25,653	26,180
Total, beet and cane.....	34,707	31,272	30,864	28,073	26,232	31,286	34,459	37,274

¹ Years shown are for crop years; generally the harvesting season begins in the fall months of the year shown or in the early months of the following year, except in certain cane-sugar-producing countries in the Southern Hemisphere, such as Australia, Argentina, Mauritius, Union of South Africa, etc., where the season begins in May or June of the year shown.

² Preliminary.

³ Data not comparable with previous years because of boundary changes.

⁴ Includes a small quantity of cane sugar.

⁵ Includes Latvia and Lithuania.

⁶ Data for India are in terms of gur, a low grade of brown sugar.

⁷ Includes cane and beet sugar.

⁸ Data for Java are for the calendar years following the years shown.

⁹ Includes centrifugal and muscovado sugar.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research and other information. Except as noted, all averages and production figures are for prewar boundaries.

TABLE 130.—*Sugar, cane and beet, raw basis: Stocks, production, trade, and supply available for consumption in continental United States, 1939-48*

Year	Production ¹	Visible stocks beginning of period ^{1,2}	Receipts from		Commercial exports and shipments ³	Department of Agriculture net purchases for export	Domestic disappearance		
			Foreign sources ¹	Territories ¹			Military ⁴	Civilian	Per capita consumption (refined) ⁵
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1939	2,320	2,305	2,975	1,872	153			6,753	100.2
1940	2,104	2,613	3,006	1,855	193			7,029	95.2
1941	2,090	2,356	3,997	1,852	91		95	7,960	103.7
1942	2,151	2,149	1,928	1,607	55	184	424	5,035	86.4
1943	1,531	2,137	3,411	1,511	18	474	730	5,602	80.0
1944	1,512	1,766	3,928	1,548	24	317	1,014	6,172	89.1
1945	1,667	1,227	3,224	1,647	34	175	⁶ 1,094	5,044	73.5
1946	1,900	1,418	2,687	1,504	268	139	⁶ 119	5,541	74.4
1947	2,158	1,452	4,219	1,812	236		⁶ 114	7,352	91.1
1948	1,917	1,939	3,320	1,734	118		⁶ 80	7,219	95.6

¹ Data from Sugar Branch, Production and Marketing Administration.

² Beginning 1939 includes mainland cane stocks, and beginning 1940 includes raws for processing held by importers other than refiners.

³ Includes sugar used in the manufacture of other commodities. 1939-41 exports from U. S. Department of Commerce, Foreign Commerce and Navigation; 1942-48 quantities delivered for export as compiled by Sugar Branch, Production and Marketing Administration.

⁴ Data based on allocation audits and records kept by the armed forces.

⁵ Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. Civilian per capita consumption 1941-48.

⁶ Includes shipments for civilian relief feeding.

Bureau of Agricultural Economics. These data are on a calendar-year basis. For statistics on a fiscal-year basis, see Agricultural Statistics, 1948, table 133.

TABLE 131.—*Sugar, raw and refined: Average price per pound at specified markets, 1939-48*

Year	Wholesale price				Retail price, granulated, United States ⁴	Year	Wholesale price				Retail price, granulated, United States ⁴
	Raw, 96° centrifugal			Refined			Raw, 96° centrifugal			Refined	
	Havana, Cuba ¹	New York, C.I.F. basis ²	New York, duty paid	New York ³			Havana, Cuba ¹	New York, C.I.F. basis ²	New York, duty paid	New York ³	
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents	Cents	
1939	1.487	1.905	3.0	4.572	5.4	1944	2.436	2.993	3.7	5.456	6.8
1940	1.341	1.886	2.8	4.337	5.2	1945	2.907	3.422	3.8	5.390	6.7
1941	1.670	2.478	3.4	4.922	5.7	1946	3.502	4.610	4.6	6.343	7.7
1942	2.492	2.988	3.7	5.448	6.8	1947	4.736	5.458	6.2	8.124	9.7
1943	2.407	2.990	3.7	5.488	6.8	1948	4.174	5.045	5.6	7.606	9.4

¹ Official "Promedio" price converted to the basis of United States pounds.

² Starting with 1946 the quotations are on a cost, insurance, and freight basis; prior to 1946 they are on a cost and freight basis. (Insurance approximates .01 cent per pound.)

³ Includes excise tax of 0.535 cents per pound.

⁴ Averages of prices reported by retail dealers as of the 15th of the month in leading cities of the United States.

Bureau of Agricultural Economics. Compiled from following sources: Anuario Azucarera de Cuba (Cuba Sugar Year Book); reports of U. S. Foreign Service officers in Cuba; U. S. Bureau of Labor Statistics wholesale and retail price series; and Lamborn's Sugar Market Report, New York.

TABLE 132.—Cane sugar, raw: Refiners' stocks, receipts, meltings, and direct-consumption deliveries, United States, 1939-48

Year and source of supply	Jan. 1 stocks	Receipts ¹	Meltings	Deliveries for direct consumption	Lost by fire, etc.	Dec. 31 stocks
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1939.....	288,970	4,684,996	4,489,085	6,176	0	478,705
1940.....	478,705	4,514,423	4,647,782	7,779	205	337,362
1941.....	337,362	5,586,474	5,489,341	8,573	347	425,575
1942.....	425,575	3,392,848	3,452,420	5,587	601	359,815
1943.....	359,815	4,756,811	4,629,885	15,196	406	471,139
1944.....	471,139	5,354,862	5,484,618	9,875	282	331,226
1945.....	331,226	4,736,944	4,828,862	5,021	48	234,239
1946.....	234,239	4,023,627	4,061,082	3,939	743	192,102
1947:						
Cuba.....	114,215	3,777,779	3,659,927	5,919	30	226,118
Hawaii.....	23,678	829,913	775,925	2,708	0	74,958
Puerto Rico.....	27,509	836,819	850,075	350	7	13,896
Philippine Islands.....	0	0	0	0	0	0
Continental United States.....	26,700	276,690	261,251	48	0	42,091
Virgin Islands.....	0	2,744	2,744	0	0	0
Other countries.....	0	44,749	16,188	0	0	28,561
Miscellaneous (sweepings, etc.).....	0	242	242	0	0	0
Total.....	192,102	5,768,936	5,566,352	9,025	37	385,624
1948: ²						
Cuba.....	226,118	2,620,234	2,746,822	667	1,238	97,625
Hawaii.....	74,958	710,350	696,370	671	0	88,267
Puerto Rico.....	13,896	891,866	903,111	612	5	2,034
Philippine Islands.....	0	251,617	248,381	17	2	3,217
Continental United States.....	42,091	351,794	361,632	376	0	31,877
Virgin Islands.....	0	4,287	4,287	0	0	0
Other countries.....	28,561	61,408	89,421	0	0	548
Miscellaneous (sweepings, etc.).....	0	154	154	0	0	0
Total.....	385,624	4,891,710	5,050,178	2,343	1,245	223,568

¹ Receipts are of sugar arriving in the ports of the United States regardless of whether or not it has been imported (i.e., entered through the customs).

² Preliminary.

Production and Marketing Administration. Compiled in the administration of the Sugar Act of 1937 and Sugar Act of 1948. Totals for 1934-38 in Agricultural Statistics, 1944, table 126.

TABLE 133.—*Sugar: International trade, average 1935-39, annual 1946-48*

Continent and country	Average 1935-39		1946		1947		1948	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons	Short tons
North America:								
Alaska.....		2,800		3,814		3,117		1,427
British Honduras.....		791	43	1,100	4	287	1	374
Canada.....	4,407	488,141	1,049	439,181	1,148	507,787		622,857
Costa Rica.....	762	681					5,159	537
El Salvador.....	2,861	274	1,654		3,537		19,433	
Guatemala.....	2,007			77		3		
Honduras.....		4,667		3,137		5,183		2,852
Mexico.....	1,474	234	2	122,574	223	5	52,092	22
Miquelon and St. Pierre.....	29	253		234		226		185
Newfoundland and Labrador.....		10,269		11,483				
Nicaragua.....	3,330	5	3,122	8		33	2,028	
Panama, Republic of.....		4,087		3,150		4,258		0
United States.....	86,449	3,002,792	386,532	2,641,259	198,775	4,159,157	65,020	3,201,200
Caribbean:								
Bahamas.....		1,750		1,897		941		
Barbados.....	99,882	211	109,892	2,334			90,404	
Bermuda.....		1,431		703				
Cuba.....	2,919,150	32	4,047,098		6,068,963		6,430,231	
Curacao (N. W. I.).....		4,158					18	
Dominican Republic.....	480,078	4	459,210		516,882		423,419	
Guadeloupe.....	53,722	65	40,015		31,788		22,022	
Haiti.....	34,516	55	22,658		28,742		22,122	
Jamaica.....	101,114	15	166,538	74	143,227	64	165,427	74
Leeward and Windward Islands.....	65,511	2,528	60,873		61,333	255	56,390	
Martinique.....	58,353		18,209		15,341		15,633	
Puerto Rico.....	881,626	37	860,435	3	935,027	30	935,460	2,479
Trinidad and Tobago.....	146,496	306	87,067		89,664		95,170	
Virgin Islands of the U. S.....	4,513	0	4,866	1,185	2,752	1,315	2,375	1,116
Total.....	4,946,280	3,525,586	6,269,263	3,232,213	8,189,763	4,682,661	8,402,941	3,833,586
Europe:								
Austria.....	18	3,489		1,998		15,432		28,660
Belgium.....	68,586	156,975	1,967	51,686	7,720	40,314	21,893	143,610
Czechoslovakia.....	197,517		154,965		189,122		161,572	8,031
Denmark.....	14,684	13,080	46,983		60,095		80,845	
Ireland (Eire).....		36,929		1,849		22,700		44,869
Finland.....		108,098		39,669		59,283		101,859
France.....	240,520	404,292	8,273	296,473	173,542	95,102	196,419	379,985
Greece.....		79,303		28,113		55,115		66,138
Hungary.....	12,947	22						
Italy.....	19,589	27,772		75,115		54,013		177,470
Netherlands.....	61,815	164,448	367	174,384	45,547	56,574	103,137	243,720
Norway.....	0	100,724		78,516		87,686		96,436
Poland and Danzig.....	74,295	18	28,451	4,899	127,548		236,501	
Portugal.....	46	75,884	40	117,087	39	111,530	15	91,984
Spain.....	0	3,55	10,988	17,020	12,825	7,945		5,698
Sweden.....	196	8,751	531	5,797	294	18,547		79,877
Switzerland.....	790	173,774	147	99,299	673	226,652		221,433
United Kingdom.....	378,279	2,457,647	179,521	1,645,291	304,788	2,101,748	651,764	2,166,275
Yugoslavia.....		1,137						
Total Europe (excl. U. S. S. R.).....	1,069,282	3,809,398	432,233	2,637,096	922,193	2,952,641	1,452,146	3,856,045
Asia:								
Aden.....	12,902	16,998						
Cyprus.....		3,763						
Iran.....		89,038		2,73,950		71,650		112,236
Iraq.....	251	44,566		40,561		34,846		56,138
Lebanon and Syria.....	375	34,897		23,403	6	43,858	10	1,38,579
Palestine.....		29,059		30,148		30,864		33,069
Turkey.....		27,793	10,069	0	143	0	48,504	
British Malaya.....	18,882	149,022	1,267	65,010	10,234	90,184	16,812	167,215
Burma.....		17,517				3,596		
Ceylon.....		83,327		109,698		98,159		96,000
China.....	572	199,808	103	954	6,595	13,132		1,753
Manchuria and Jehol.....	3	202,867						
French Indochina.....	3,230	3,132		5,051		11,453		12,399
India.....	43,744	126,184	2,033	0	5,556	11		4,223
Japan.....	183,316	1,155,472		1,621		101,785		670,360

See footnotes at end of table.

TABLE 133.—*Sugar: International trade, average 1935-39, annual 1946-48*
—Continued

Continent and country	Average 1935-39		1946		1947		1948	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
Asia (cont'd):								
Formosa.....	1,103,118	3,143					220,460	
Netherlands Indies.....	1,212,860	1,896	315		1,884	2,524	69,061	¹ 382
Philippine Islands.....	888,475	146			21,580		239,199	
Siam.....	19	40,644		⁴ ⁵ 1,102		800		⁴ ⁵ 16,535
Total Asia (excl. U. S. S. R.).....	3,466,749	2,227,462	13,787	373,078	24,412	502,862	545,532	1,267,393
South America:								
Argentina.....	9,032	926	2,822	22,012		13,228		
Bolivia.....		35,156		35,289				35,507
Brazil.....	51,449	1	24,222		68,554		399,312	
British Guiana.....	200,437	55	162,868	8	207,320		152,516	
Chile.....	12	141,035		157,960		168,286		165,614
Colombia.....		12,509		10,267		10,443		0
Ecuador.....		10,847						
French Guiana and Inini.....		6,441						
Peru.....	327,665	494	286,870		303,733		386,083	
Surinam.....	13,804	268	343	2		562	5,403	668
Uruguay.....		54,795		107,742		61,954		74,097
Venezuela.....		154						58,421
Total.....	602,399	262,681	477,125	333,280	579,607	254,473	943,314	334,307
Africa:								
Algeria.....	108	83,714		74,295		88,912		105,600
Anglo-Egyptian Sudan.....		35,328		24,226		23,741		63,804
Belgian Congo.....	11,818		7,405		5,367		4,846	
British East Africa.....	5,032		5,039		16,680		21,398	
Egypt.....	73,491	61,813	² 12,543	² 7,380	12,719	39,845	² 28,845	² 13,871
French Equatorial Africa and Cameroun.....		851		1,962		3,557		¹ 3,013
French Morocco.....	11,107	204,689	300	79,970	15,867	118,002	¹ 22,747	¹ 136,614
French West Africa and Togo.....		³ 21,949		3,555		31,266		¹ 19,594
Madagascar.....	9,662	1,561	2,887	5,564	895	2,410	131	4,192
Mauritius.....	311,266	0	² 296,899		² 284,350		² 375,017	
Mozambique.....	72,571	87	80,702	0	53,743	0	69,884	
Nigeria and Cameroons.....				3,019		2,657		753
Northern Rhodesia.....		1,352		3,835				
Angola.....	33,926		47,958		38,761		35,152	
Reunion.....	82,979	2	124,553		79,631		74,586	
Southern Rhodesia.....	1,392	11,055	3,614	20,846	3,819	10,347		
Tunisia.....		38,588		35,362		52,118		
Union of South Africa.....	219,931	1,393	14,141	1,135				50,814
Total.....	833,283	462,382	596,041	261,149	511,832	372,855	632,586	398,255
Oceania:								
Australia.....	470,684	84	169,405		58,710		351,664	
Fiji.....	³ 156,175		100,000		143,000		² 158,950	
Hawaiian Islands.....	930,761	692	598,275	1,248	806,970	1,424	706,271	¹ 104
New Caledonia.....		357		1,947		2,308		1,655
New Zealand.....	1,283	91,580		96,892		92,865	501	108,696
Total.....	1,558,903	92,713	867,680	100,087	1,008,680	96,597	1,217,386	110,455
World total (excl. U. S. S. R.).....	12,476,896	10,380,222	8,656,120	6,936,903	11,236,487	8,862,089	13,193,905	9,800,041

¹ Less than 12 months.² Crop year.³ Less than 5-year average.⁴ Net imports.⁵ Estimated.⁶ Including 1,030,593 short tons from Formosa.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information.

TABLE 134.—*Cane and beet sugar, refined: Stocks, production and receipts, and distribution by primary distributors in the United States, 1939-1949*

JAN. 1 STOCKS

Year	Cane-sugar refineries	Beet-sugar factories	Importers of direct consumption sugar ¹	Continental cane-sugar mills ²	Total
	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>	<i>Short tons</i>
1939.....	337,869	1,292,568	76,708	63,386	1,770,531
1940.....	335,390	1,262,892	106,323	45,189	1,749,794
1941.....	255,497	1,496,841	36,615	32,862	1,821,815
1942.....	222,709	1,232,256	52,800	44,621	1,652,386
1943.....	254,369	1,208,157	73,541	79,115	1,615,182
1944.....	224,497	783,642	57,787	74,538	1,140,464
1945.....	59,061	698,821	7,201	33,256	798,339
1946.....	133,151	859,759	8,213	85,064	1,086,187
1947.....	139,150	927,522	11,821	74,051	1,152,544
1948 ³	230,378	1,150,401	15,665	36,757	1,433,101
1949 ³	147,761	971,065	17,155	27,403	1,163,384

PRODUCTION AND RECEIPTS

1939.....	4,212,225	1,662,340	564,949	114,009	6,553,523
1940.....	4,365,080	1,683,966	578,812	78,208	6,706,066
1941.....	5,168,446	1,560,272	543,329	101,925	7,363,972
1942.....	3,250,938	1,567,621	456,812	104,451	5,379,822
1943.....	4,316,043	1,001,406	466,153	111,140	5,894,742
1944.....	5,084,022	995,842	438,135	112,894	6,630,893
1945.....	4,466,279	1,135,736	429,598	143,628	6,175,241
1946.....	3,764,865	1,356,966	452,348	127,590	5,691,769
1947.....	5,181,778	1,694,898	502,054	71,044	7,449,774
1948 ³	4,732,166	1,368,948	479,808	82,006	6,662,928

DELIVERIES

1939.....	⁴ 4,214,704	⁵ 1,692,016	535,334	132,206	⁶ 6,574,260
1940.....	⁴ 4,444,973	⁵ 1,450,017	648,520	90,535	⁶ 6,634,045
1941.....	⁴ 5,191,234	⁵ 1,824,857	527,144	90,166	⁶ 7,633,401
1942.....	⁴ 3,219,278	⁵ 1,591,720	436,071	69,957	⁶ 5,317,026
1943.....	⁴ 4,345,915	⁵ 1,425,921	481,907	115,717	⁶ 6,369,460
1944.....	⁴ 5,249,458	⁵ 1,080,663	488,721	154,176	⁶ 6,973,018
1945.....	⁴ 4,392,189	⁵ 974,798	428,586	91,820	⁶ 5,887,393
1946.....	⁴ 3,748,866	⁵ 1,289,203	448,740	138,603	⁶ 5,625,412
1947.....	⁴ 5,090,550	⁵ 1,472,019	498,310	108,338	⁶ 7,169,217
1948 ³	⁴ 4,814,783	⁵ 1,548,284	478,218	91,360	⁶ 6,932,645

¹ Raw sugar imported for direct consumption has been converted to refined basis. Stocks include sugar in bond and in customs custody and control.

² Sugar for direct consumption only. All sugars converted to refined basis.

³ Preliminary.

⁴ Excludes raw sugar delivered by refiners for direct consumption as follows: 1939, 6,176 tons; 1940, 7,779 tons; 1941, 8,573 tons; 1942, 5,587 tons; 1943, 15,196 tons; 1944, 9,875 tons; 1945, 5,021 tons; 1946, 3,939 tons; 1947, 9,025 tons, and 1948, 2,343 tons.

⁵ Larger than actual deliveries by a small amount representing losses in reprocessing, etc.

⁶ Includes sales for export. The Department of Commerce reported exports of refined sugar amounting to 124,554 tons in 1939; 167,923 tons in 1940; 66,167 tons in 1941. Deliveries for export during subsequent years were: 194,911 tons in 1942; 436,312 tons in 1943; 292,953 tons in 1944; 271,621 tons in 1945; 376,850 tons in 1946; 217,060 tons in 1947, and 72,243 tons in 1948.

Production and Marketing Administration. Compiled in the administration of the Sugar Act of 1937 and Sugar Act of 1948. Totals for 1934-38 in Agricultural Statistics, 1944, table 127.

TABLE 135.—*Sugarcane sirup: Acreage, production, Dec. 1 price per gallon received by farmers, and value, United States, 1929-48*

Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value
	<i>1,000 acres</i>	<i>Gal-lons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Gal-lons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>1,000 dollars</i>
1929.....	109	180.8	19,711	71.7	14,124	1939.....	142	157.0	22,264	43.8	9,752
1930.....	111	149.6	16,602	57.8	9,594	1940.....	100	134.0	13,360	49.5	6,616
1931.....	111	136.4	15,143	50.3	7,619	1941.....	110	169.0	18,638	60.5	11,285
1932.....	124	148.0	18,349	40.1	7,351	1942.....	113	163.0	18,416	72.7	13,396
1933.....	142	148.7	21,113	45.7	9,656	1943.....	126	167.0	21,027	97.3	20,456
1934.....	151	157.1	23,727	45.8	10,856	1944.....	118	169.0	19,897	96.7	19,240
1935.....	152	161.2	24,509	42.5	10,413	1945.....	133	216.0	28,711	93.3	26,797
1936.....	138	157.0	21,670	42.9	9,300	1946.....	120	204.0	24,450	155.0	37,871
1937.....	143	166.7	23,844	44.5	10,609	1947.....	112	181.0	20,270	117.0	23,783
1938.....	134	153.2	20,524	44.7	9,168	1948 ¹	81	170.0	13,790	97.7	13,471

¹ Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 194.

TABLE 136.—*Sugarcane sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1937-46, annual 1947 and 1948*

State	Acreage harvested for sirup			Yield per acre			Production			Dec. 1 price		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Gal-lons</i>	<i>Gal-lons</i>	<i>Gal-lons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
South Carolina.....	4	2	2	113	150	125	426	300	250	96	165	150
Georgia.....	29	22	20	144	185	180	4,135	4,070	3,600	87	140	95
Florida.....	11	12	11	169	200	180	1,847	2,400	1,980	75	125	80
Alabama.....	24	18	16	113	120	140	2,688	2,160	2,240	90	155	115
Mississippi.....	22	20	17	148	130	170	3,211	2,600	2,890	87	150	105
Louisiana.....	30	36	13	266	235	200	8,169	8,460	2,600	² 61	² 80	² 80
Texas.....	4	2	2	132	140	115	554	280	230	103	205	175
United States.....	124	112	81	170	181	170	21,113	20,270	13,790	75.8	117	97.7

¹ Preliminary.² Season average price.

Bureau of Agricultural Economics.

TABLE 137.—*Sorgo sirup: Acreage, production, Dec. 1 price per gallon received by farmers, and value, United States, 1929-48*

Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1929.....	143	61.5	8,792	90.2	7,928	1939.....	189	54.0	10,199	58.4	5,958
1930.....	190	51.2	9,727	78.9	7,675	1940.....	186	57.4	10,684	58.2	6,219
1931.....	313	66.1	20,682	43.2	8,930	1941.....	176	60.0	10,568	61.5	6,502
1932.....	354	57.6	20,392	37.9	7,737	1942.....	221	62.1	13,728	81.6	11,196
1933.....	360	59.2	21,326	48.1	10,251	1943.....	207	57.3	11,868	125.0	14,855
1934.....	330	56.3	18,588	50.7	9,423	1944.....	187	62.3	11,649	137.0	15,936
1935.....	285	56.9	16,230	55.0	8,924	1945.....	159	61.9	9,850	144.0	14,173
1936.....	245	52.8	12,936	57.5	7,439	1946.....	177	67.4	11,934	213.0	25,381
1937.....	210	59.4	12,481	56.8	7,095	1947.....	161	61.1	9,845	176.0	17,356
1938.....	197	57.9	11,407	56.0	6,384	1948 ¹	110	69.3	7,625	166.0	12,676

¹ Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1942, table 196.

TABLE 138.—*Sorgo sirup: Acreage, yield, production, and Dec. 1 price per gallon received by farmers, by States, average 1937-46, annual 1947 and 1948*

State	Acreage harvested for sirup			Yield per acre			Production			Dec. 1 price		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948
	1,000 acres	1,000 acres	1,000 acres	Gal- lons	Gal- lons	Gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	Cents	Cents	Cents
Indiana.....	2	1	1	80	70	90	174	70	90	121	215	205
Illinois.....	2	1	1	58	55	55	114	55	55	124	220	200
Wisconsin.....	1	1	1	71	51	40	72	51	40	153	265	250
Iowa.....	3	2	2	112	80	168	348	160	336	121	205	200
Missouri.....	9	5	5	51	42	66	444	210	330	120	225	215
Kansas.....	2	2	2	43	51	47	72	102	94	103	175	170
Virginia.....	3	2	2	67	70	90	205	140	180	112	210	215
West Virginia.....	2	3	2	67	75	77	155	225	154	120	210	200
North Carolina.....	12	13	10	67	73	68	790	949	680	107	200	190
South Carolina.....	11	9	7	50	49	60	543	441	420	88	175	165
Georgia.....	19	16	11	55	59	60	1,037	944	660	102	190	160
Kentucky.....	13	13	7	65	74	73	875	962	511	111	180	180
Tennessee.....	18	15	9	63	62	75	1,118	930	675	112	185	195
Alabama.....	31	26	13	60	60	65	1,851	1,560	845	89	150	135
Mississippi.....	24	25	17	71	75	85	1,675	1,875	1,445	85	150	125
Arkansas.....	19	16	11	50	42	64	956	672	704	98	200	175
Louisiana.....	3	2	2	51	35	43	167	70	86	65	140	95
Oklahoma.....	5	3	2	39	33	55	188	99	110	97	170	175
Texas.....	13	6	5	50	55	42	653	330	210	81	160	150
United States.....	191	161	110	60.0	61.1	69.3	11,437	9,845	7,625	99.2	176	166

¹ Preliminary.² Short-time average.

Bureau of Agricultural Economics.

TABLE 139.—Maple sugar and sirup: Trees tapped, production, and season average price received by farmers, 10 States, and United States imports, 1929-48

Year	Trees tapped	Production					Price		Imports for consumption	
		Sugar made ¹	Sirup made ¹	Total product in terms of sugar ²	Average total product per tree		Per pound of sugar	Per gallon of sirup	Sugar	Sirup ³
					As sugar ²	As sirup ²				
	1,000 trees	1,000 pounds	1,000 gallons	1,000 pounds	Pounds	Gallons	Cents	Dollars	1,000 pounds	1,000 pounds
1929	12,951	1,362	2,362	20,258	1.56	0.20	30.0	2.03	12,249	181
1930	13,158	2,134	3,712	31,830	2.42	.30	30.2	2.03	9,735	1,575
1931	12,092	1,342	2,247	19,318	1.60	.20	26.2	1.72	1,628	132
1932	12,064	1,277	2,471	21,045	1.74	.22	24.6	1.61	2,628	61
1933	12,009	1,051	2,218	18,795	1.57	.20	20.9	1.18	2,974	370
1934	12,099	1,044	2,444	20,596	1.70	.21	24.9	1.33	2,976	1,316
1935	12,341	1,241	3,432	28,697	2.33	.29	26.7	1.42	1,920	2,469
1936	11,500	721	2,401	19,929	1.73	.22	26.8	1.44	6,207	305
1937	11,339	779	2,497	20,755	1.83	.23	28.9	1.61	6,050	84
1938	11,380	705	2,770	22,865	2.01	.25	28.4	1.61	3,946	39
1939	10,313	366	2,515	20,486	1.99	.25	28.7	1.68	9,622	2,646
1940	9,957	434	2,597	21,210	2.13	.27	29.5	1.65	4,087	4,660
1941	9,785	387	1,997	16,363	1.67	.21	29.2	1.74	4,628	2,328
1942	9,847	654	2,915	23,974	2.43	.30	37.5	2.27	7,121	4,791
1943	9,281	578	2,555	21,018	2.26	.28	45.3	2.85	4,556	1,184
1944	8,681	565	2,568	21,109	2.43	.30	47.4	3.04	3,883	1,798
1945	7,336	237	991	8,165	1.11	.14	54.0	3.21	3,959	1,232
1946	5,000	372	1,328	10,996	1.37	.17	65.6	3.30	4,207	2,221
1947	8,568	305	2,039	16,617	1.94	.24	84.9	5.18	4,064	5,141
1948 ⁴	8,059	229	1,445	11,789	1.46	.18	83.0	4.78	6,239	4,896

¹ Does not include production on nonfarm lands in Somerset County, Maine.

² Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

³ A gallon of maple sirup weighs about 11 pounds.

⁴ Preliminary.

Bureau of Agricultural Economics. Imports from reports of the Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 198, and for 1916-23 in 1941 book, table 219.

TABLE 140.—Maple sugar and sirup: Trees tapped and production, by States, average 1937-46, annual 1947 and 1948

State	Trees tapped			Sugar made ²			Sirup made ²		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	1,000 trees	1,000 trees	1,000 trees	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine	134	95	89	7	6	2	22	17	12
New Hampshire	263	226	215	28	10	10	56	51	39
Vermont	4,013	3,463	3,290	254	191	148	924	777	619
Massachusetts	195	169	157	27	11	11	54	43	30
New York	2,899	2,874	2,615	126	52	26	679	684	431
Pennsylvania	434	335	340	38	16	15	121	90	61
Ohio	818	543	521	4	0	0	227	160	111
Michigan	492	577	571	11	14	11	107	141	80
Wisconsin	303	252	227	2	1	0	64	66	48
Maryland	40	34	34	10	4	6	19	10	14
10 States	9,592	8,568	8,059	508	305	229	2,273	2,039	1,445

¹ Preliminary.

² Does not include production on nonfarm lands in Somerset County, Maine.

Bureau of Agricultural Economics.

TABLE 141.—*Edible sirups and molasses: United States production, foreign trade, and indicated domestic consumption, 1929-48*

Year	Production ¹							Imports				Shipments from Territories	Total from off-shore	
	Sirups					Edible molasses	Honey ⁴	Total	Maple sirup	Edible molasses	Honey			Honey
	Corn	Cane	Sorgo	Maple ²	Refiners ³									
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons		
1929..	94,566	18,339	10,676	2,362	4,320	7,852	17,979	156,094	16	2,071	9	209	2,305	
1930..	87,317	19,711	8,792	3,712	3,860	5,201	14,280	142,873	143	7,890	8	170	8,211	
1931..	79,093	16,602	9,727	2,247	3,399	4,855	13,816	129,739	12	7,243	5	223	7,483	
1932..	67,653	15,143	20,682	2,471	3,546	5,168	14,527	129,190	6	8,694	5	216	8,921	
1933..	85,186	18,349	20,392	2,218	3,692	5,462	12,693	147,992	34	10,859	4	205	11,102	
1934..	82,227	21,113	21,326	2,444	3,050	5,301	13,202	148,663	120	17,869	6	200	18,195	
1935..	80,198	23,727	18,588	3,432	2,887	5,512	13,596	147,940	224	12,644	5	153	13,026	
1936..	98,225	24,509	16,230	2,401	2,700	5,526	15,106	164,697	28	17,625	11	190	17,854	
1937..	87,955	21,670	12,936	2,497	2,735	5,228	13,872	146,893	8	10,882	21	182	11,093	
1938..	91,938	23,844	12,481	2,770	2,900	3,880	18,979	156,792	4	10,956	17	190	11,167	
1939..	97,233	20,524	11,407	2,515	3,428	3,882	15,359	154,348	241	11,564	23	198	12,026	
1940..	100,275	22,264	10,199	2,597	2,800	4,891	17,512	160,538	424	12,261	41	189	12,915	
1941..	106,486	13,360	10,684	1,997	2,600	2,706	18,890	156,723	212	11,653	284	154	12,303	
1942..	172,370	18,638	10,568	2,915	6,400	5,400	15,121	231,412	436	7,758	1,706	98	9,998	
1943..	153,175	18,416	13,728	2,555	12,225	7,732	16,159	223,990	108	1,584	3,124	131	4,947	
1944..	154,581	21,027	11,868	2,568	14,996	10,690	16,078	231,808	163	9,184	2,011	101	11,459	
1945..	156,417	19,897	11,649	991	22,020	6,922	19,836	237,732	112	1,871	1,673	132	3,788	
1946..	156,364	28,711	9,850	1,328	18,211	15,181	18,197	247,842	202	622	1,602	95	2,521	
1947..	168,766	24,450	11,934	2,039	10,000	13,589	19,454	250,232	467	650	1,645	90	2,852	
1948 ⁴	113,479	20,270	9,845	1,445	4,107	5,146	17,573	171,865	445	4,958	725	58	6,186	

Year	Exports					Indicated domestic consumption							
	Corn sirup	Sirups, including maple ⁵	Edible molasses	Honey	Total	Sirups					Edible molasses	Honey	Total
						Corn	Cane	Sorgo	Maple	Refiners			
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	
1929..	10,087	3,176	8,577	738	22,578	84,479	18,339	10,676	2,378	1,144	1,346	17,459	135,821
1930..	6,111	1,612	10,093	314	18,130	81,206	19,711	8,792	3,855	2,248	2,998	14,144	132,954
1931..	5,297	811	4,285	356	10,749	73,796	16,602	9,727	2,259	2,688	7,813	13,688	126,473
1932..	3,655	525	640	402	5,222	63,998	15,143	20,682	2,477	3,021	13,222	14,346	132,889
1933..	3,771	675	3,193	524	8,163	81,415	18,349	20,392	2,252	3,017	13,128	12,378	150,931
1934..	3,327	518	1,463	166	5,474	78,900	21,113	21,326	2,564	2,532	21,707	13,242	161,384
1935..	2,078	377	401	134	2,990	78,120	23,727	18,588	3,656	2,510	17,755	13,620	157,976
1936..	2,886	284	921	96	4,187	95,339	24,509	16,230	2,429	2,416	22,230	15,211	178,364
1937..	2,362	380	1,072	216	4,030	85,593	21,670	12,936	2,505	2,355	15,038	13,859	153,956
1938..	3,559	407	3,120	293	7,379	88,379	23,844	12,481	2,774	2,493	11,716	18,893	160,580
1939..	4,211	2,378	1,629	218	8,436	93,022	20,524	11,407	2,756	1,050	13,817	15,362	167,938
1940..	7,992	1,179	3,621	286	13,078	92,283	22,264	10,199	3,021	1,621	13,531	17,456	160,375
1941..	2,949	192	6,873	45	10,059	103,537	13,360	10,684	3,209	2,628	7,486	19,283	158,967
1942..	1,445	342	435	29	2,251	170,925	18,638	10,568	3,351	6,058	12,723	16,896	239,159
1943..	595	398	232	5	1,230	152,580	18,416	13,728	2,663	11,827	9,084	19,409	227,707
1944..	934	300	150	15	1,399	153,647	21,027	11,868	2,731	14,696	19,724	18,175	241,868
1945..	1,067	421	1,621	17	3,126	155,350	19,897	11,649	1,103	21,599	7,172	21,624	238,394
1946..	3,779	3,896	959	17	8,651	152,585	28,711	9,850	1,530	14,315	14,844	19,877	241,712
1947..	4,189	342	618	110	5,259	164,577	24,450	11,934	2,506	9,658	13,621	21,079	247,825
1948 ⁴	3,307	307	8,176	975	12,765	110,172	20,270	9,845	1,890	3,800	1,929	17,381	165,287

¹ Production of cane sirup, sorgo sirup, and edible molasses is of the fall of the preceding year.² Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.³ From 1929 to 1942 inclusive, figures for odd years (except 1941) are from the Bureau of the Census; for even years (and 1941) quantities are estimated. Data for 1943-48 from the Sugar Branch, United States Department of Agriculture.⁴ Data for 1939-48 are official figures of Bureau of Agricultural Economics; previous years' estimates are unofficial.⁵ Preliminary.⁶ Assumed to be largely refiners' sirup.

Office of Foreign Agricultural Relations.

TABLE 142.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, average price per pound received by beekeepers, and foreign trade in honey, United States, 1939-48

Year	Number of colonies	Yield per colony	Production		Price		Honey imports and shipments			Honey, domestic exports
			Honey	Bees-wax	All honey	Bees-wax	Imports for consumption	From Puerto Rico and Hawaii	Total	
	Thousands	Pounds	1,000 pounds	1,000 pounds	Cents	Cents	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939	4,422	40.8	180,474	-----	6.7	-----	271	2,332	2,603	2,561
1940	4,350	47.3	205,767	-----	6.1	22.5	478	2,220	2,698	3,363
1941	4,477	49.6	221,959	3,495	7.2	35.6	3,337	1,807	5,144	530
1942	4,893	36.3	177,672	3,344	13.8	40.3	20,049	1,153	21,202	335
1943	4,887	38.9	189,867	3,743	16.8	41.4	36,712	1,542	38,254	59
1944	5,217	36.2	188,917	3,921	17.7	41.5	23,620	1,191	24,811	177
1945	5,460	42.7	233,070	4,543	18.6	41.3	19,482	1,549	21,031	197
1946	5,787	36.9	213,814	4,381	24.4	44.4	18,823	1,112	19,935	198
1947	5,916	38.6	228,682	4,500	24.9	43.8	19,329	1,048	20,377	1,292
1948 ¹	5,726	36.1	206,485	4,044	18.1	43.2	8,520	² 763	9,283	11,452

¹ Preliminary.

² Includes only 3 months for Hawaii.

Bureau of Agricultural Economics. Data on exports, imports, and shipments from records of the Department of Commerce.

TABLE 143.—Package bees: Total pounds of bees, 1947 and 1948, number of queens, and number of packages of bees shipped, by States, 1948, and total shipments 1947

State	Shipments in 1948								Total shipments in 1947
	Queens	Packages of designated sizes					Other packages	Total	
		2-lb.	3-lb.	4-lb.	5-lb.	Total			
	Number	Number	Number	Number	Number	Number	Pounds	Pounds	Pounds
Georgia	110,500	28,724	33,139	2,752	722	65,337	516	172,000	242,000
Alabama	206,600	58,236	24,829	2,004	2,405	87,474	0	211,000	271,000
Mississippi	76,000	25,440	21,480	780	312	48,012	0	120,000	138,000
Louisiana	141,500	38,449	41,472	2,808	86	82,815	3,024	216,000	243,000
Texas	101,700	22,785	13,206	232	186	36,409	5,952	93,000	101,000
California	165,900	74,052	27,427	2,662	0	104,141	968	242,000	250,000
Other States	56,600	21,216	13,589	1,400	1,000	37,205	16,200	110,000	130,000
Total, 1948	858,800	268,902	175,142	12,638	4,711	461,393	26,660	1,164,000	-----
Total, 1947	1,007,200	275,652	247,837	12,528	2,634	538,651	16,900	-----	1,375,000

Bureau of Agricultural Economics.

TABLE 144.—Honey: Colonies of bees, yield per colony, and production of honey and beeswax, by States, 1947 and 1948

State and division	1947				1948			
	Number of colonies	Yield per colony	Production		Number of colonies	Yield per colony	Production	
			Honey	Beeswax			Honey	Beeswax
	Thousands	Pounds	1,000 pounds	1,000 pounds	Thousands	Pounds	1,000 pounds	1,000 pounds
Maine.....	8	22	176	2	7	17	119	2
New Hampshire.....	4	31	124	2	4	39	156	3
Vermont.....	9	48	432	6	9	33	297	4
Massachusetts.....	24	25	600	13	24	23	552	14
Rhode Island.....	1	23	23	1	1	21	21	1
Connecticut.....	19	36	684	10	18	33	594	12
New York.....	219	60	13,140	171	219	55	12,045	169
New Jersey.....	33	19	627	16	31	45	1,395	25
Pennsylvania.....	195	35	6,825	116	174	43	7,482	112
North Atlantic.....	512	44.2	22,631	337	487	46.5	22,661	342
Ohio.....	373	24	8,952	134	321	35	11,235	225
Indiana.....	198	22	4,356	91	172	39	6,708	127
Illinois.....	232	29	6,728	128	216	17	3,672	88
Michigan.....	204	35	7,140	164	173	50	8,650	190
Wisconsin.....	212	55	11,660	210	195	38	7,410	133
East North Central.....	1,219	31.9	38,836	727	1,077	35.0	37,675	763
Minnesota.....	299	68	20,332	427	290	75	21,750	435
Iowa.....	251	96	24,096	554	246	30	7,380	184
Missouri.....	209	21	4,389	97	203	22	4,466	67
North Dakota.....	23	56	1,288	23	21	95	1,995	28
South Dakota.....	18	76	1,368	22	17	115	1,955	27
Nebraska.....	55	100	5,500	99	55	50	2,750	55
Kansas.....	64	40	2,560	54	64	48	3,072	61
West North Central.....	919	64.8	59,533	1,276	896	48.4	43,368	857
Delaware.....	3	30	90	2	3	35	105	3
Maryland.....	30	26	780	20	31	25	775	19
Virginia.....	145	32	4,640	51	154	20	3,080	46
West Virginia.....	107	21	2,247	34	116	18	2,088	29
North Carolina.....	173	36	6,228	125	187	22	4,114	58
South Carolina.....	66	20	1,320	24	66	13	858	18
Georgia.....	225	19	4,275	94	232	20	4,640	111
Florida.....	195	42	8,190	164	199	41	8,159	139
South Atlantic.....	944	29.4	27,770	514	988	24.1	23,819	423
Kentucky.....	208	17	3,536	71	193	10	1,930	31
Tennessee.....	189	22	4,158	87	185	16	2,960	56
Alabama.....	192	17	3,264	88	202	20	4,040	105
Mississippi.....	80	20	1,600	30	82	18	1,476	32
Arkansas.....	94	21	1,974	47	101	20	2,020	53
Louisiana.....	87	22	1,914	42	96	20	1,920	40
Oklahoma.....	64	35	2,240	56	58	27	1,566	41
Texas.....	292	42	12,264	245	283	21	5,943	119
South Central.....	1,206	25.7	30,950	666	1,200	18.2	21,855	477
Montana.....	64	70	4,480	81	64	122	7,808	141
Idaho.....	169	40	6,760	142	172	35	6,020	138
Wyoming.....	42	34	1,428	34	34	69	2,346	59
Colorado.....	75	65	4,875	98	76	90	6,840	123
New Mexico.....	19	45	855	14	20	45	900	16
Arizona.....	63	64	4,032	65	63	53	3,339	47
Utah.....	55	45	2,475	57	52	49	2,548	51
Nevada.....	13	70	910	22	14	40	560	12
Washington.....	77	50	3,850	89	77	28	2,156	54
Oregon.....	69	33	2,277	57	64	32	2,048	45
California.....	470	36	16,920	321	442	51	22,542	496
Western.....	1,116	43.8	48,862	980	1,078	53.0	57,107	1,182
United States.....	5,916	38.6	228,582	4,500	5,726	36.1	206,485	4,044

Bureau of Agricultural Economics.

TABLE 145.—Honey and beeswax: Average price per pound received by beekeepers, 1947 and 1948

State and division	Honey prices ¹								Beeswax prices, 1948
	Wholesale, 1948			Retail, 1948			All honey ²		
	Comb	Ex-tracted	Chunk	Comb	Ex-tracted	Chunk	1947 ³	1948	
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Maine.....	35	26	40	35	37.2	34.2	41		
New Hampshire.....	37	27	42	33	35.1	31.6	41		
Vermont.....	35	21	40	28	34.8	28.2	42		
Massachusetts.....	37	22	42	33	37.0	31.0	42		
Rhode Island.....	37	20	42	33	34.4	27.8	42		
Connecticut.....	37	14	42	29	32.2	23.2	42		
New York.....	32	13	26	36	23	30	23.6	15.1	45
New Jersey.....	35	23	41	31	32	37.3	28.8	44	
Pennsylvania.....	27	16	24	33	26	27	29.9	22.1	44
North Atlantic.....	30.0	14.3	24.4	34.9	26.6	27.4	26.9	19.3	44.2
Ohio.....	32	15	28	37	25	33	27.0	20.5	43
Indiana.....	30	15	36	24	29	28.0	20.9	43	
Illinois.....	27	15	22	32	24	27	24.0	18.6	44
Michigan.....	33	11	28	39	21	34	24.5	14.8	44
Wisconsin.....	29	13	34	20	26	22.8	14.1	43	
East North Central.....	31.2	13.5	27.1	36.3	23.1	31.5	24.9	17.8	43.5
Minnesota.....	28	15	21	31	22	24	24.5	16.5	43
Iowa.....	31	13	33	19	24	23.3	13.9	44	
Missouri.....	31	19	26	33	22	29	25.7	22.3	44
North Dakota.....	26	13	30	22	26	25.3	16.1	42	
South Dakota.....	25	16	28	23	26	25.4	19.0	42	
Nebraska.....	25	13	20	28	19	25	23.6	14.6	43
Kansas.....	26	12	29	20	23	21.9	14.2	42	
West North Central.....	27.8	14.4	24.6	30.5	21.5	27.8	23.9	16.5	43.2
Delaware.....	30	19	29	35	27	33	30.9	27.0	42
Maryland.....	30	20	29	34	28	32.1	26.7	42	
Virginia.....	31	26	29	35	31	34	33.4	31.1	42
West Virginia.....	35	26	35	40	32	40	35.2	36.0	42
North Carolina.....	30	23	29	34	30	39	36.6	31.5	41
South Carolina.....	32	27	30	34	28	33	32.5	28.6	41
Georgia.....	31	18	24	34	28	30	28.6	23.5	44
Florida.....	31	17	24	32	26	31	25.6	19.9	43
South Atlantic.....	32.3	18.5	26.4	35.8	28.5	36.7	31.1	26.0	42.6
Kentucky.....	35	26	32	37	28	35	34.0	31.1	42
Tennessee.....	29	27	28	33	30	32	32.6	29.5	42
Alabama.....	30	26	28	34	28	32	28.3	28.6	43
Mississippi.....	25	21	32	23	31	25.5	22.7	43	
Arkansas.....	25	21	24	32	25	29	25.8	24.0	44
Louisiana.....	25	11	25	19	23	16.8	13.1	44	
Oklahoma.....	29	18	27	33	30	30	28.6	27.1	44
Texas.....	22	11	21	27	19	25	20.2	13.6	42
South Central.....	28.0	16.3	27.6	33.3	25.3	31.8	25.3	22.6	43.0
Montana.....	28	11	30	18	25	21.9	12.4	44	
Idaho.....	31	11	34	15	30	20.1	12.0	43	
Wyoming.....	28	11	19	28	22.4	11.9	44		
Colorado.....	31	13	18	34	17	22	21.6	14.8	43
New Mexico.....	30	14	21	34	18	22.0	15.6	42	
Arizona.....	27	12	34	18	17.9	12.6	42		
Utah.....	27	14	32	16	19.0	14.4	43		
Nevada.....	27	13	32	16	21.8	14.9	43		
Washington.....	30	14	27	37	17	30	24.5	15.9	43
Oregon.....	30	13	25	34	19	29	25.1	16.3	42
California.....	32	13	36	20	21.2	15.2	43		
Western.....	30.3	12.4	18.8	35.1	18.4	25.4	21.3	14.2	43.1
United States.....	30.4	14.0	26.0	35.0	22.9	33.2	24.9	18.1	43.2

¹ Average price for honey sold, all types of containers.² Weighted average price of all honey, comb, extracted, and chunk honey, wholesale and retail.³ Revised.

Bureau of Agricultural Economics.

TABLE 146.—*Honey and beeswax: Average wholesale prices for specified types and locations, 1939-48*¹

EXTRACTED HONEY, PER POUND										
Item and location	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
California White to Water White Orange: F.o.b. Southern California delivery points ² -----	5.4	5.1	5.1	10.8	12.0	12.3	12.5	19.0	21.0	11.2
New York City ³ -----	8.5	8.5	8.8	14.6					17.0	16.5
California Light Amber to Extra Light Amber Alfalfa: F.o.b. Imperial Valley Points ² -----	3.9	3.6	4.0	9.0	12.0	12.0	12.0	17.0	14.5	8.8
Intermountain White to Water White Sweet-clover-Alfalfa: F.o.b. Intermountain points ⁴ -----	4.6	4.6	4.8	10.5	12.1	12.3	13.3	19.0	18.0	11.0
White Clover: F.o.b. New York and North Central States ² -----	5.4	5.1	5.5	11.2	12.1	13.2	14.5	21.0	19.0	11.1
Northeastern Buckwheat: F.o.b. New York and Pennsylvania points ² -----	4.8	4.9	5.2	10.6	12.0	12.0	12.2	18.5	15.0	10.0

COMB HONEY, PER 24-SECTION CASE

	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
White Clover No. 1 and Fancy, wrapped: F.o.b. New York and North Central States ⁵ -----	3.02	2.89	3.06	4.14	5.40	6.25	7.00	7.75	8.75	8.00

BEESWAX, PER POUND

	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
"Average yellow" or lighter beeswax—price to beekeepers, f.o.b. shipping point or nearby market:										
Southern California-----	17.4	19.1	27.1	40.3	41.5	41.5	41.5	44.0	45.4	41.9
Intermountain Region-----	16.2	20.0	26.2	40.5	41.5	41.5	41.6	44.1	45.5	41.6
White Clover Belt (North Central and Northeastern States)-----	20.0	22.9	28.4	41.2	41.5	41.5	41.6	44.7	45.8	41.8
Weighted average-----	18.0	21.0	27.2	40.8	41.5	41.5	41.6	44.3	45.6	41.7

¹ Simple arithmetical averages of average monthly prices.² Price paid beekeepers in large lots, mostly less than carlots.³ Sales by original receivers to bottlers, confectioners, bakers, or jobbers.⁴ Price paid beekeepers or other shippers, mostly in carlots.⁵ Price paid beekeepers for large lots, but less than carlots.

Production and Marketing Administration.

TABLE 147.—*Honey: Imports for consumption into the United States, by countries of origin, average 1931-40, annual 1946-48*

Continent and country of origin	Average 1931-40	1946	1947	1948 ¹	Continent and country of origin	Average 1931-40	1946	1947	1948 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
North America:					Europe:				
Cuba.....	78	8,972	6,085	3,355	Greece.....	18		14	(⁴)
Mexico.....	² 6	4,294	5,992	2,676	United Kingdom.....	6			
Guatemala.....	15	800	1,046	830	Other Europe.....	7		(⁴)	1
Dominican Republic.....	² 5	516	418	149	Asia, total.....	6	1	(⁴)	
Costa Rica.....	² 2	411	179	99	Oceania, total.....	² 1	2		4
Haiti.....	² 1	515	271	80	All others.....	(²)		3	
El Salvador.....	² 2	159	675	431	Total imports.....	162	18,823	19,329	8,520
Canada.....	14		6	16	Shipments from Territories to the United States:				
Nicaragua.....		14		10	Puerto Rico.....	1,176	758	323	685
Other North America.....	(³)		16		Hawaii.....	1,110	354	725	⁵ 78
South America:					Grand total receipts from offshore.....	2,448	19,935	20,377	9,283
Argentina.....	(³)	1,091	3,378	830					
Chile.....	(³)	1,980	1,149	39					
Surinam (Netherlands Guiana).....		50	62						
Brazil.....	(³)	18	35						

¹ Preliminary.² 10-year average, but imports from this country actually occurred in only a few of the 10 years. For example, a total of 46,000 pounds of honey was imported from Dominican Republic during 1937 and 1940; none during the remaining 8 years.³ Less than 500 pounds; imports from this area did not occur in all of the 10 years.⁴ Less than 500 pounds.⁵ January-March only, after which receipts from Hawaii not tabulated.

Production and Marketing Administration. Compiled from official reports of the Department of Commerce.

TABLE 148.—*Beeswax, crude: Imports for consumption into the United States, by countries of origin, average 1931-40, annual 1946-48*

Continent and country of origin	Average 1931-40	1946	1947	1948 ¹	Continent and country of origin	Average 1931-40	1946	1947	1948 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
South America:					Europe:				
Brazil.....	1,150	1,209	581	903	Portugal.....	503	136		55
Chile.....	² 275	542	220	306	United Kingdom.....	² 81			
Argentina.....	² 8	45		11	Germany.....	² 22			
French Guiana.....	² 6			11	France.....	² 22			
Colombia.....	² 1		2	17	Belgium.....	² 10			
Other South America.....	24	19		2	Spain.....		55		
North America:					Other Europe.....	16			
Cuba.....	530	497	606	619	Asia:				
Dominican Republic.....	350	513	493	391	Turkey (Asia).....		22	54	99
Mexico.....	126	13	45	109	Turkey (Asia and Europe).....	² 46			
Haiti.....	² 13	140	140	102	Iran (Persia).....	² 1	20	6	17
Guatemala.....	² 4	33	59	78	Arabia Peninsula States.....		4		
El Salvador.....	² 1	20	12	9	Palestine and Trans-Jordan.....		15		
Canada.....	² 6	12		3	Other Asia.....	10			18
Other North America.....	1		1	1	Total imports.....	4,080	6,395	3,459	4,637
Africa:					Shipments from Territories to the United States:				
Ethiopia.....	² 85	901	630	893	Puerto Rico.....	24	18	18	16
Egypt.....	³ 304	48	32	399	Hawaii.....	30	6	14	⁵ 8
British East Africa.....	² 67	80	6	314	Grand total offshore receipts.....	4,134	6,419	3,491	4,661
Western Portuguese Africa.....	255	1,781	330	115					
Anglo-Egyptian Sudan.....	(³)	100	221	35					
Belgian Congo.....	² 5	33		53					
Madagascar.....	² 7								
Other French Africa.....	126			4					
Union of South Africa.....	² 3	4		25					
Mozambique.....	² 3	133							
Other Africa.....	19	15	22	1					

¹ Preliminary.² 10-year average, but imports from this area did not occur in all of the 10 years.³ Prior to 1942, imports from Egypt and the Sudan were not reported separately.⁴ Includes Portuguese Guinea, Angola, and Cape Verde Islands. Most of these imports were from Portuguese Guinea and Angola.⁵ January-March only, after which receipts from Hawaii not tabulated.

Production and Marketing Administration. Compiled from official reports of the Department of Commerce.

TABLE 149.—Tobacco: Acreage, production, value, and foreign trade, United States, 1929-48

Year	Acreage harvested	Yield per acre	Production ¹	Season average price per pound received by farmers	Farm value	Foreign trade, year beginning July ²		
						Domestic exports	Imports	Net exports ³
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1929	<i>1,838,365</i>	771.3	<i>1,456,510</i>					
1929	1,980,000	774.1	1,532,676	18.3	280,996	600,181	63,181	541,312
1930	2,124,200	775.8	1,648,037	12.8	210,852	591,035	75,425	517,388
1931	1,988,100	787.2	1,565,088	8.2	128,582	432,361	73,375	359,374
1932	1,404,600	724.8	1,018,011	10.5	107,356	399,966	59,545	341,454
1933	1,739,400	788.8	1,371,965	13.0	178,418	472,630	⁴ 55,784	416,846
1934	<i>1,237,117</i>	<i>825.7</i>	<i>1,021,449</i>					
1934	1,273,100	851.9	1,084,589	21.3	225,084	374,658	58,270	316,388
1935	1,439,100	904.8	1,302,041	18.4	238,966	432,668	67,895	364,773
1936	1,440,900	807.0	1,162,838	23.6	273,944	416,884	69,309	347,575
1937	1,752,800	895.2	1,569,023	20.4	320,111	459,564	68,021	391,543
1938	1,600,700	865.6	1,385,573	19.6	270,492	473,757	76,085	397,672
1939	<i>1,853,230</i>	<i>917.2</i>	<i>1,699,798</i>					
1939	1,999,700	940.0	1,880,629	15.4	288,889	342,154	80,732	261,422
1940	1,410,200	1,036.0	1,460,441	16.1	234,453	179,627	77,843	101,784
1941	1,306,500	966.0	1,261,839	26.4	333,085	279,008	70,970	208,038
1942	1,377,300	1,023.0	1,408,394	36.9	519,503	281,941	81,412	200,529
1943	1,458,000	964.0	1,406,190	40.5	569,974	336,926	71,240	265,686
1944	<i>1,630,221</i>	<i>1,091.0</i>	<i>1,778,769</i>					
1944	1,751,100	1,116.0	1,954,699	42.0	820,447	445,826	77,023	368,803
1945	1,822,500	1,094.0	1,994,262	42.6	848,926	535,878	76,077	459,801
1946	1,963,400	1,182.0	2,321,596	45.1	1,046,442	592,015	92,408	499,607
1947	1,852,700	1,139.0	2,110,131	43.5	918,633	411,370	74,970	336,400
1948 ⁵	1,554,600	1,275.0	1,981,730	48.1	953,075			

¹ Production, exports, and imports are not comparable; i. e., production figures are on a farm-sales-weight basis, whereas exports and imports are on a declared-weight basis.

² Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce; includes stems and trimmings.

³ Total exports (domestic plus foreign) minus imports. Beginning 1933 domestic exports minus imports for consumption.

⁴ Beginning 1933, imports for consumption.

⁵ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 202.

TABLE 15Q.—Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1937-46, annual 1947 and 1948

State	Acreage harvested			Yield per acre			Production			Price ² for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Massachusetts.....	5,920	7,700	8,200	1,528	1,585	1,510	9,039	12,201	12,378	46.4	112.0	101.0
Connecticut.....	16,550	20,600	20,600	1,334	1,310	1,317	22,079	26,996	27,120	62.5	125.0	122.0
New York.....	900	800	500	1,345	1,350	1,300	1,215	1,080	650	18.4	31.0	28.0
Pennsylvania.....	32,760	38,600	38,900	1,421	1,451	1,575	46,758	56,000	61,275	18.2	30.4	26.3
Ohio.....	24,760	18,700	19,000	1,014	1,160	1,432	24,894	21,685	27,200	23.8	40.1	35.3
Indiana.....	10,600	8,900	9,600	1,056	1,134	1,497	11,117	10,093	14,370	28.8	45.3	43.4
Wisconsin.....	22,350	24,900	19,900	1,450	1,500	1,444	32,420	37,350	28,738	20.1	29.7	22.8
Minnesota.....	590	600	500	1,195	1,300	1,250	706	780	625	17.8	20.0	19.0
Missouri.....	6,110	5,200	5,100	1,018	900	1,150	6,196	4,680	5,865	30.5	43.2	47.0
Kansas.....	320	200	200	974	950	1,000	308	190	200	30.0	43.0	47.0
Maryland.....	39,450	47,500	46,600	750	795	750	30,049	37,762	34,950	37.9	42.8	54.5
Virginia.....	130,210	139,300	113,200	953	1,111	1,270	123,892	154,752	143,790	30.3	38.6	47.5
West Virginia.....	3,100	2,800	2,900	924	1,200	1,375	2,850	3,360	3,988	30.4	44.3	48.8
North Carolina.....	652,280	792,600	604,300	999	1,145	1,252	654,807	907,181	756,684	32.4	42.0	49.7
South Carolina.....	109,400	137,000	104,000	1,018	1,135	1,265	112,382	155,495	131,560	30.9	41.8	50.3
Georgia.....	87,160	107,900	82,900	953	1,178	1,155	83,145	127,142	95,763	28.3	39.1	49.2
Florida.....	20,420	26,300	20,100	892	1,019	1,037	18,042	26,812	20,846	42.1	67.8	81.6
Kentucky.....	367,460	356,500	351,200	992	1,081	1,329	366,501	385,453	466,853	28.6	46.0	43.8
Tennessee.....	113,080	115,600	106,200	1,036	1,215	1,396	117,382	140,500	148,275	26.6	41.8	43.8
Alabama.....	380	400	400	800	925	900	299	370	360	26.8	36.7	40.0
Louisiana.....	420	600	300	444	415	800	184	249	240	38.6	60.0	60.0
United States.....	1,644,220	1,852,700	1,554,600	1,008	1,139	1,275	1,664,265	2,110,131	1,981,730	30.5	43.5	48.1

¹ Preliminary.

² For prices on a type basis, see tables 151 and 153.

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TABLE 151.—Tobacco: Acreage, yield, production, and season average price per pound received by farmers, by class and type, average 1937-46, annual 1947 and 1948

Class and type	Type No.	Acreage harvested			Yield per acre			Production			Price for crop of—		
		Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
Flue-cured:		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Old Belt.....	11	350,100	413,000	320,000	928	1,065	1,201	327,012	440,000	384,280	32.2	39.8	49.8
Eastern North Carolina Belt.....	12	318,000	387,000	290,000	1,039	1,205	1,285	331,146	466,335	372,650	32.8	43.1	49.5
South Carolina Belt.....	13	182,950	231,000	175,000	1,028	1,131	1,263	189,542	261,245	221,020	31.2	42.2	50.7
Georgia-Florida Belt.....	14	103,690	130,200	98,800	937	1,151	1,130	97,109	149,886	111,634	27.8	37.8	47.4
Total.....	11-14	954,740	1,161,200	883,800	985	1,135	1,233	944,809	1,317,466	1,089,584	31.8	41.2	49.6
Fire-cured:													
Virginia.....	21	17,460	14,300	11,000	880	975	1,145	15,200	13,942	12,595	18.7	29.0	32.8
Hopkinsville-Clarksville.....	22	51,350	48,700	34,800	957	1,049	1,184	48,083	51,108	41,210	18.1	30.3	32.8
Paducah.....	23	22,840	20,600	16,600	928	1,000	1,158	20,824	20,600	19,226	15.6	27.8	29.7
Henderson Stemming (Ky.).....	24	620	200	200	908	1,000	1,050	540	200	210	14.2	25.0	24.4
Total.....	21-24	92,270	83,800	62,600	935	1,024	1,170	84,647	85,850	73,241	17.6	29.5	31.9
Air-cured (light):													
Burley.....	31	422,510	420,500	432,000	1,024	1,153	1,396	436,754	484,704	602,902	31.2	48.5	46.0
Southern Maryland.....	32	39,450	47,500	46,600	750	795	750	30,049	37,762	34,950	37.9	42.8	54.5
Total.....	31-32	461,960	468,000	478,600	1,001	1,116	1,333	466,803	522,466	637,852	31.7	48.1	46.5
Air-cured (dark):													
One Sucker.....	35	21,780	19,200	16,200	1,001	1,088	1,205	21,753	20,885	19,525	14.7	25.7	29.6
Green River (Ky.).....	36	16,310	13,500	10,700	980	1,030	1,160	15,772	13,905	12,412	16.0	25.4	26.5
Virginia Sun-cured.....	37	3,090	2,600	3,000	889	925	945	2,762	2,405	2,835	20.8	28.6	32.0
Total.....	35-37	41,180	35,300	29,900	984	1,054	1,163	40,286	37,195	34,772	15.6	25.8	28.7
Cigar filler:													
Pennsylvania Seedleaf.....	41	32,420	38,000	38,400	1,420	1,450	1,575	46,227	55,100	60,480	18.2	30.5	26.3
Miami Valley (Ohio).....	42-44	10,400	6,200	6,200	1,083	1,300	1,600	11,015	8,060	9,920	16.1	31.0	23.0
Total.....	41-44	² 43,030	44,200	44,600	² 1,334	1,429	1,578	² 57,479	63,160	70,400	² 17.7	30.6	25.8

Cigar binder:													
Connecticut Valley Broadleaf.....	51	7,950	10,000	9,300	1,561	1,502	1,601	12,411	15,015	14,890	33.4	51.0	60.0
Connecticut Valley Havana Seed....	52	7,320	8,800	9,000	1,623	1,695	1,697	11,896	14,920	15,276	32.8	73.1	62.3
New York and Pa. Havana Seed....	53	1,240	1,400	1,000	1,407	1,414	1,445	1,746	1,980	1,445	18.8	28.3	25.0
Southern Wisconsin.....	54	11,860	11,000	8,200	1,428	1,500	1,450	16,942	16,500	11,890	18.2	22.3	22.4
Northern Wisconsin.....	55	11,080	14,500	12,200	1,458	1,492	1,432	16,183	21,630	17,473	22.0	34.9	23.0
Georgia-Florida Sun-grown.....	56	580	300	100	969	700	700	596	210	70	22.1	47.0	60.0
Total.....	51-56	40,030	46,000	39,800	1,494	1,527	1,534	59,775	70,255	61,044	25.3	43.4	41.8
Cigar wrapper:													
Connecticut Valley Shade-grown....	61	7,200	9,500	10,500	943	975	889	6,810	9,262	9,332	144.0	310.0	290.0
Georgia-Florida Shade-grown.....	62	3,390	4,100	4,500	1,026	1,031	1,170	3,471	4,228	5,265	115.0	265.0	215.0
Total.....	61-62	10,590	13,600	15,000	970	992	973	10,282	13,490	14,597	134.0	296.0	263.0
Total cigar types.....	41-62	93,650	103,800	99,400	1,360	1,415	1,469	127,535	146,905	146,041	31.0	61.1	56.2
Miscellaneous:													
Louisiana Perique.....	72	420	600	300	444	415	800	184	249	240	38.6	60.0	60.0
United States.....	All	1,644,220	1,852,700	1,554,600	1,008	1,139	1,275	1,664,265	2,110,131	1,981,730	30.5	43.5	48.1

¹ Preliminary.² Includes type 45 through 1939.

Bureau of Agricultural Economics.

TABLE 152.—Tobacco: Acreage harvested, yield per acre, and production in specified countries, averages 1935-39 and 1940-44, annual 1946-48¹

Continent and country	Acreage harvested					Yield per acre ²					Production				
	Average		1946	1947 ³	1948 ³	Average		1946	1947 ³	1948 ³	Average		1946	1947 ³	1948 ³
	1935-39	1940-44				1935-39	1940-44				1935-39	1940-44			
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	69	75	110	125	111	1,103	1,121	1,281	852	1,145	76,556	84,484	141,384	106,688	126,629
Mexico.....	51	62	-----	-----	-----	840	711	-----	-----	-----	42,426	44,180	59,624	50,948	59,414
United States.....	1,647	1,461	1,963	1,853	1,555	887	1,026	1,182	1,139	1,275	1,460,054	1,498,313	2,321,596	2,110,131	1,981,730
Cuba.....	107	109	140	106	134	474	479	559	531	448	50,833	53,152	78,210	56,395	60,000
Dominican Republic.....	-----	-----	37	38	54	-----	-----	878	1,003	1,226	13,660	22,078	32,518	38,581	66,000
Puerto Rico.....	44	36	31	30	30	673	786	750	880	833	29,393	28,384	23,500	26,400	25,000
Europe:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Albania.....	5	7	-----	-----	-----	826	724	-----	-----	-----	4,082	5,186	-----	-----	-----
Belgium.....	6	12	12	6	4	2,500	1,834	2,073	2,073	1,571	16,431	22,539	24,075	13,355	6,314
Bulgaria ⁶	94	125	154	115	200	809	691	685	920	750	75,871	86,160	105,394	105,821	150,000
Czechoslovakia ⁶	24	-----	14	15	15	1,288	-----	1,324	1,054	1,254	31,143	-----	18,913	16,303	16,314
France.....	44	36	60	72	64	1,676	1,306	1,477	1,606	1,637	72,995	47,162	88,566	115,062	104,939
Germany.....	33	-----	-----	-----	-----	2,254	-----	-----	-----	-----	74,355	-----	-----	-----	-----
Greece ⁶	226	74	172	194	181	589	562	362	536	448	132,819	41,341	62,124	103,923	81,145
Hungary ⁶	37	45	37	41	47	1,238	1,009	874	864	1,076	45,872	45,208	32,408	35,274	50,706
Italy ⁶	81	94	106	145	143	1,173	990	900	1,043	990	95,511	92,764	95,499	151,236	158,731
Poland ⁶	17	-----	30	36	30	1,664	-----	-----	-----	-----	28,566	-----	-----	26,455	47,900
Rumania ⁶	44	50	63	64	69	647	607	277	542	536	28,697	30,505	17,317	34,833	37,037
Spain.....	-----	14	24	19	-----	-----	1,226	1,356	1,540	-----	17,322	17,321	32,448	29,211	30,864
Sweden.....	1	1	1	1	1	1,735	1,683	1,342	1,446	1,061	1,061	1,124	1,124	915	974
Switzerland.....	1	2	3	3	3	1,571	1,872	1,774	1,975	1,897	2,276	3,744	6,459	5,735	5,500
Yugoslavia ⁶	39	-----	98	98	-----	969	-----	-----	705	-----	37,410	-----	69,306	-----	-----
U. S. S. R.....	490	-----	-----	-----	-----	1,129	-----	-----	-----	-----	525,000	-----	-----	-----	-----
Asia:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Iran.....	32	22	38	38	34	1,096	998	1,024	998	734	34,542	21,958	38,581	37,478	24,692
Iraq.....	11	14	-----	11	11	752	717	-----	802	802	8,057	10,097	9,109	8,832	8,818
Palestine.....	7	6	4	-----	-----	401	474	457	-----	-----	2,760	2,630	1,884	2,240	-----
Syria and Lebanon.....	13	16	26	20	18	699	629	654	667	648	8,825	10,238	16,914	13,285	11,574
Turkey.....	194	187	305	320	262	661	711	709	688	673	128,505	132,999	215,945	220,460	176,368
Burma.....	108	91	105	132	132	990	977	-----	-----	-----	107,072	88,676	-----	-----	-----
China ⁷	1,228	1,004	1,405	1,478	1,529	1,021	943	1,012	983	1,042	1,254,539	946,947	1,421,759	1,452,293	1,593,169
French Indochina.....	43	41	-----	-----	-----	719	611	-----	-----	-----	31,255	25,302	19,800	-----	-----
India.....	917	865	-----	-----	-----	831	801	-----	-----	-----	761,600	692,685	-----	-----	-----
Pakistan.....	355	308	-----	-----	-----	913	858	-----	-----	-----	324,053	264,552	-----	-----	-----
Japan.....	92	107	57	104	126	1,621	1,696	862	1,232	1,679	148,680	181,642	61,729	127,867	211,642
Taiwan (Formosa).....	4	-----	4	10	10	1,458	-----	-----	1,700	837	5,961	-----	773	6,800	8,450
Korea.....	46	-----	41	40	40	1,252	-----	828	785	1,153	57,304	-----	33,936	31,568	45,882
Java and Madura:	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Estate.....	69	-----	-----	-----	-----	976	-----	-----	-----	-----	67,672	-----	-----	6,614	5,512
Native.....	349	-----	-----	-----	-----	402	-----	-----	-----	-----	140,298	-----	-----	-----	-----

Sumatra, Estate.....	5 31			3		5 988			882		5 30,715			2,646	7,055
Philippine Republic.....	176	82	51	83		427		420	456		74,811	34,387	21,296	37,921	48,501
Thailand (Siam).....	5 25		36	44	40	5 688		427	504	551	5 17,179		15,441	22,026	22,046
South America:															
Argentina.....	34	41	68	42	51	928	927	870	1,128	1,164	31,558	37,591	59,216	47,399	59,524
Brazil.....	237	273	371	320	302	851	804	604	792		202,703	219,743	224,364	253,529	
Chile.....	9	7	5	8	10	1,846	1,778	2,090	1,634	1,800	16,618	13,261	11,250	12,546	17,207
Colombia.....	5 37	5 22	37	39	40	5 803	5 1,219	1,108	1,017	1,158	5 29,706	5 26,995	41,006	39,682	46,300
Paraguay.....	22	14	22	20	21	801	1,076	1,273	1,227	1,190	17,792	14,771	27,558	24,250	25,000
Uruguay.....	2	1	2	1		825	973	1,081	569		1,254	1,263	1,966	669	
Africa:															
Algeria.....	56	44		72	51	691	614		495	843	38,667	27,007	37,478	35,551	42,990
Nyasaland.....	57					286					16,311	23,451	25,967	29,400	16,547
Madagascar.....	5 19	9	5	10	12	5 764	456	892	401	294	5 14,164	4,060	4,409	3,968	3,638
Northern Rhodesia.....	5 4		10	14	11	5 426		457	364	387	5 1,635	2,270	4,500	5,071	4,300
Southern Rhodesia.....	51	74	104	120	136	507	561	612	649	579	26,061	41,270	63,639	77,917	78,808
Tunisia.....	1	1	1	2	2	1,196	1,053	899	976		1,202	1,053	1,306	1,834	
Union of South Africa.....	5 41					5 500					5 20,476	27,944	39,526	49,628	41,374
Oceania:															
Australia.....	10	7	4	4	4	532	695	889	637	921	5,276	4,992	3,994	2,417	3,883
New Zealand.....	2	3	4	4	4	787	1,112	1,062	1,094	1,274	1,457	3,082	4,074	4,771	5,615
Estimated world total ⁹	7,492	6,220	7,930	8,165	8,030						6,597,000	5,320,000	7,120,000	7,310,000	7,475,000

¹ Year beginning July 1. For North Temperate zone countries, harvests July through October of the year shown; for all other countries, harvests November and December of the year shown and January through June of the following year.

² Yields are calculated from detailed acreage and production estimates rather than estimates rounded to the nearest thousand.

³ Preliminary.

⁴ Exports; production data not available.

⁵ Less than a 5-year average.

⁶ Data for 1935-39 and 1940-44 not comparable with subsequent years. Data for 1946, 1947, and 1948 are for postwar areas.

⁷ Free China for 1935-39 and 1940-44. All China except Manchuria for 1946, 1947, and 1948.

⁸ Estimate based upon officially reported area and yield of approximately 402 pounds per acre, which was used by the Netherlands Indies Government in estimating native production after 1934.

⁹ Total includes approximations for countries not listed and for countries listed where data are not available.

Office of Foreign Agricultural Relations. Official estimates of foreign countries, reports from U. S. Foreign Service officers, results of office research, and other information.

TABLE 153.—*Tobacco: Acreage, yield per acre, production, stocks, supply, disappearance, and average price to growers, United States, 1944-48 (farm-sales-weight basis)*

Crop year	Acreage	Yield per acre	Pro-duction	Stocks †	Supply	Disappearance			Average price to growers
						Total	Exports ‡	Domestic	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1944.....	1,017,300	1,069	1,087,290	1,188,825	2,276,115	1,149,832	454,276	695,556	42.4
1945.....	1,078,700	1,088	1,173,459	1,126,283	2,299,742	1,152,384	486,619	665,765	43.6
1946.....	1,188,800	1,137	1,352,024	1,147,358	2,499,382	1,212,542	550,634	661,908	48.3
1947.....	1,161,200	1,135	1,317,466	1,286,840	2,604,306	1,054,093	359,099	694,994	41.2
1948 †.....	883,800	1,233	1,089,584	1,550,213	2,639,797	1,101,609	386,541	715,068	49.6
TOTAL FLUE-CURED, TYPES 11-14									
TOTAL FIRE-CURED, TYPES 21-24									
1944.....	64,700	1,022	66,139	173,521	239,660	107,820	63,848	43,972	24.5
1945.....	61,300	951	58,291	131,840	190,131	85,223	47,619	37,604	31.5
1946.....	91,600	1,189	108,920	104,908	213,828	70,423	34,352	36,071	26.0
1947.....	83,800	1,024	85,850	143,405	229,255	66,685	30,292	36,393	29.5
1948 †.....	62,600	1,170	73,241	162,570	235,811	-----	-----	-----	31.9
VIRGINIA FIRE-CURED, TYPE 21									
1944.....	14,900	950	14,155	29,291	43,446	19,415	7,885	11,530	24.5
1945.....	14,000	840	11,760	24,031	35,791	18,209	8,629	9,580	31.5
1946.....	15,600	1,100	17,160	17,582	34,742	12,013	8,630	3,383	28.8
1947.....	14,300	975	13,942	22,729	36,671	14,499	9,689	4,810	29.0
1948 †.....	11,000	1,145	12,595	22,172	34,767	-----	-----	-----	32.8
KENTUCKY AND TENNESSEE FIRE-CURED, TYPES 22-24									
1944.....	49,800	1,044	51,984	144,230	196,214	88,405	55,963	32,442	23.6
1945.....	47,300	984	46,531	107,809	154,340	67,014	38,990	28,024	31.6
1946.....	76,000	1,207	91,760	87,326	179,086	58,410	25,722	32,688	25.4
1947.....	69,500	1,035	71,908	120,676	192,584	52,186	20,603	31,583	29.6
1948 †.....	51,600	1,176	60,646	140,398	201,044	-----	-----	-----	31.8
BURLEY, TYPE 31									
1944.....	496,600	1,189	590,581	651,228	1,241,809	482,776	9,438	473,338	44.0
1945.....	512,300	1,127	577,166	759,033	1,336,189	482,904	35,273	447,631	39.4
1946.....	489,000	1,256	614,004	853,285	1,467,289	526,470	49,861	476,609	39.7
1947.....	420,500	1,153	484,704	940,819	1,425,523	523,244	27,513	495,731	48.5
1948 †.....	432,000	1,396	602,902	902,279	1,605,181	-----	-----	-----	46.0
MARYLAND, TYPE 32									
1944.....	45,000	850	38,250	37,602	75,852	29,308	3,020	26,288	55.5
1945.....	35,000	825	18,375	46,844	64,919	32,537	6,666	25,871	57.0
1946.....	50,000	925	46,250	32,382	78,632	33,846	6,581	27,265	44.5
1947.....	47,500	795	37,762	44,786	82,548	35,663	8,154	27,509	42.8
1948 †.....	46,600	750	34,950	46,885	81,835	-----	-----	-----	-----
TOTAL DARK AIR-CURED, TYPES 35-37									
1944.....	40,200	1,116	44,867	57,716	102,583	42,154	6,248	35,906	23.3
1945.....	44,100	988	43,560	60,429	103,989	43,544	13,057	30,487	25.2
1946.....	40,800	1,215	49,558	60,445	110,003	37,331	7,582	29,749	22.5
1947.....	35,300	1,054	37,195	72,672	109,867	32,681	6,375	26,306	25.8
1948 †.....	29,900	1,163	34,772	77,186	111,958	-----	-----	-----	28.7
ONE SUCKER, TYPE 35									
1944.....	22,300	1,134	25,293	28,507	53,800	23,120	4,744	18,376	21.4
1945.....	26,700	1,001	26,720	30,680	57,400	24,558	9,473	15,085	24.7
1946.....	23,000	1,241	28,545	32,842	61,987	21,255	5,556	15,699	22.3
1947.....	19,200	1,088	20,885	40,132	61,017	19,436	5,269	14,177	25.7
1948 †.....	16,200	1,205	19,525	41,581	62,106	-----	-----	-----	29.6

See footnotes at end of table.

TABLE 153.—Tobacco: Acreage, yield per acre, production, stocks, supply, disappearance, and average price to growers, United States, 1944-48 (farm-sales-weight basis)—Continued

Crop year	Acreage	Yield per acre	Pro-duction	Stocks ¹	Supply	Disappearance			Average price to growers
						Total	Exports ²	Domestic	
						1,000 pounds	1,000 pounds	1,000 pounds	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1944.....	15,000	1,100	16,500	26,076	42,576	16,202	1,504	14,698	24.7
1945.....	14,600	1,000	14,600	26,374	40,974	16,190	3,584	12,606	24.8
1946.....	14,000	1,220	17,080	24,784	41,864	13,229	2,026	11,203	22.6
1947.....	13,500	1,030	13,905	28,635	42,540	10,177	1,116	9,061	25.4
1948 ³	10,700	1,160	12,412	32,363	44,775	-----	-----	-----	26.5
GREEN RIVER, TYPE 36									
1944.....	2,900	1,060	3,074	3,133	6,207	2,832	0	2,832	31.5
1945.....	2,800	800	2,240	3,375	5,615	2,796	0	2,796	33.8
1946.....	3,800	1,035	3,933	2,819	6,752	2,847	0	2,847	24.2
1947.....	2,600	925	2,405	3,905	6,310	3,068	0	3,068	28.6
1948 ³	3,000	945	2,835	3,242	6,077	-----	-----	-----	32.0
VIRGINIA SUN-CURED, TYPE 37									
1944.....	39,400	1,493	58,838	145,368	204,206	61,308	1,727	59,581	19.5
1945.....	39,000	1,281	49,940	142,898	192,838	64,086	3,378	60,708	34.0
1946.....	42,800	1,504	64,376	128,752	193,128	70,941	2,799	68,142	32.8
1947.....	44,200	1,429	63,160	122,187	185,347	61,646	3,648	57,998	30.6
1948 ³	44,600	1,578	70,400	123,701	194,101	-----	-----	-----	29.4
TOTAL CONTINENTAL CIGAR FILLER, TYPES 41-44									
1944.....	33,500	1,560	52,260	106,760	159,020	50,287	-----	-----	19.7
1945.....	35,200	1,300	45,760	108,733	154,493	53,270	-----	-----	34.0
1946.....	37,300	1,560	58,188	101,223	159,411	60,940	-----	-----	32.5
1947.....	38,000	1,450	55,100	98,471	153,571	53,756	-----	-----	30.5
1948 ³	38,400	1,575	60,480	99,815	160,295	-----	-----	-----	-----
PENNSYLVANIA SEEDLEAF FILLER, TYPE 41									
1944.....	5,900	1,115	6,578	38,608	45,186	11,021	-----	-----	18.3
1945.....	3,800	1,100	4,180	34,165	38,345	10,816	-----	-----	34.0
1946.....	5,500	1,125	6,188	27,529	33,717	10,001	-----	-----	36.0
1947.....	6,200	1,300	8,060	23,716	31,776	7,890	-----	-----	31.0
1948 ³	6,200	1,600	9,920	23,886	33,806	-----	-----	-----	23.0
MIAMI VALLEY (OHIO) FILLER, TYPES 42-44									
1944.....	48,000	875	42,000	53,770	95,770	20,427	-----	-----	25.0
1945.....	36,000	889	32,000	75,343	107,343	29,045	-----	-----	36.0
1946.....	26,038	884	23,018	78,298	101,316	27,310	-----	-----	25.0
1947.....	30,000	880	26,400	74,006	100,406	32,383	-----	-----	27.5
1948 ³	29,000	879	25,500	68,023	93,523	-----	-----	-----	27.0
PUERTO RICAN FILLER, TYPE 46 ⁴									
1944.....	37,000	1,547	57,234	108,474	165,708	63,410	1,728	61,682	30.9
1945.....	40,600	1,529	62,075	102,298	164,373	60,837	3,378	57,459	47.7
1946.....	47,600	1,551	73,813	103,536	177,349	53,659	2,798	50,861	52.7
1947.....	46,000	1,527	70,255	123,690	193,945	68,146	3,649	64,497	43.4
1948 ³	39,800	1,534	61,044	125,799	186,843	-----	-----	-----	41.8
TOTAL CIGAR BINDER, TYPES 51-56									
1944.....	7,800	1,670	13,024	20,780	33,804	10,293	-----	-----	39.0
1945.....	8,200	1,618	13,270	23,511	36,781	12,521	-----	-----	60.0
1946.....	9,400	1,700	15,978	24,260	40,238	11,647	-----	-----	74.0
1947.....	10,000	1,502	15,015	28,591	43,606	13,259	-----	-----	51.0
1948 ³	9,300	1,601	14,890	30,347	45,237	-----	-----	-----	60.0
CONNECTICUT VALLEY BROADLEAF, TYPE 51									

See footnotes at end of table.

TABLE 153.—*Tobacco: Acreage, yield per acre, production, stocks, supply, disappearance, and average price to growers, United States, 1944-48 (farm-sales-weight basis)*—Continued

Crop year	Acreage	Yield per acre	Pro-duction	Stocks ¹	Supply	Disappearance			Average price to growers
						Total	Exports ²	Domestic	
						1,000 pounds	1,000 pounds	1,000 pounds	
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>
1944.....	6,700	1,750	11,724	22,878	34,602	15,806	-----	-----	37.3
1945.....	6,700	1,516	10,160	18,796	28,956	12,959	-----	-----	56.3
1946.....	7,600	1,710	12,999	15,997	28,996	12,503	-----	-----	69.0
1947.....	8,800	1,695	14,920	16,493	31,413	12,070	-----	-----	73.1
1948 ³	9,000	1,697	15,276	19,343	34,619	-----	-----	-----	62.3
CONNECTICUT VALLEY HAVANA SEED, TYPE 52									
1944.....	1,100	1,405	1,546	2,137	3,683	444	-----	-----	22.0
1945.....	1,100	1,386	1,525	3,239	4,764	2,722	-----	-----	36.0
1946.....	1,400	1,440	2,016	2,042	4,058	1,317	-----	-----	39.9
1947.....	1,400	1,414	1,980	2,741	4,721	2,213	-----	-----	28.3
1948 ³	1,000	1,445	1,445	2,508	3,953	-----	-----	-----	25.0
NEW YORK AND PENNSYLVANIA HAVANA SEED, TYPE 53									
1944.....	10,400	1,440	14,976	32,163	47,139	19,640	-----	-----	24.0
1945.....	12,100	1,540	18,634	27,499	46,133	13,463	-----	-----	37.7
1946.....	14,300	1,450	20,735	32,670	53,405	15,470	-----	-----	34.7
1947.....	11,000	1,500	16,500	37,935	54,435	17,221	-----	-----	22.3
1948 ³	8,200	1,450	11,890	37,214	49,104	-----	-----	-----	22.4
SOUTHERN WISCONSIN, TYPE 54									
1944.....	10,800	1,467	15,844	29,867	45,711	16,758	-----	-----	26.8
1945.....	12,300	1,488	18,300	28,953	47,253	18,847	-----	-----	45.4
1946.....	14,700	1,488	21,875	28,406	50,281	12,651	-----	-----	45.5
1947.....	14,500	1,492	21,630	37,630	59,260	23,085	-----	-----	34.9
1948 ³	12,200	1,432	17,473	36,175	53,648	-----	-----	-----	23.0
NORTHERN WISCONSIN, TYPE 55									
1944.....	200	600	120	649	769	469	-----	-----	27.0
1945.....	200	930	186	300	486	325	-----	-----	33.0
1946.....	200	1,050	210	161	371	71	-----	-----	55.0
1947.....	300	700	210	300	510	298	-----	-----	47.0
1948 ³	100	700	70	212	282	-----	-----	-----	60.0
GEORGIA-FLORIDA SUN-GROWN, TYPE 56									
1944.....	10,500	1,075	11,290	14,313	25,603	10,915	-----	-----	196.1
1945.....	11,200	1,001	11,214	14,688	25,902	12,279	-----	-----	197.3
1946.....	12,500	1,000	12,501	13,623	26,124	12,751	-----	-----	234.0
1947.....	13,600	992	13,490	13,373	26,863	12,332	-----	-----	296.0
1948 ³	15,000	973	14,597	14,631	29,128	12,534	-----	-----	263.0
TOTAL CIGAR WRAPPER, TYPES 61-62									
1944.....	7,300	1,060	7,735	8,775	16,510	6,360	-----	-----	220.0
1945.....	8,100	935	7,572	10,150	17,722	7,600	-----	-----	220.0
1946.....	8,800	1,003	8,824	10,122	18,946	8,818	-----	-----	240.0
1947.....	9,500	975	9,262	10,128	19,390	8,682	-----	-----	310.0
1948 ³	10,500	889	9,332	10,708	20,040	7,947	-----	-----	290.0
CONNECTICUT VALLEY SHADE-GROWN, TYPE 61									
1944.....	3,200	1,111	3,555	5,538	9,093	4,555	-----	-----	144.0
1945.....	3,100	1,175	3,642	4,538	8,180	4,679	-----	-----	150.0
1946.....	3,700	994	3,677	3,501	7,178	3,933	-----	-----	220.0
1947.....	4,100	1,031	4,228	3,245	7,473	3,650	-----	-----	265.0
1948 ³	4,500	1,170	5,265	3,823	9,088	4,587	-----	-----	215.0
GEORGIA-FLORIDA SHADE-GROWN, TYPE 62									

¹ July 1 for flue-cured types 11-14 and cigar types 56, 61 and 62; Jan. 1 of following year for Maryland; Oct. 1 for all other types.

² Farm-sales weight of exports is subject to revision. Exports by rehandling trade included in totals of types from which they are made, while cigar leaf exports are assumed to be half filler and half binder.

³ Preliminary.

⁴ Puerto Rican crop year July-June (crop planted in the fall and harvested the following spring).

Bureau of Agricultural Economics and Production and Marketing Administration. Basic export data from the official reports of the Department of Commerce. Data for Puerto Rico from "Basic Statistics on Puerto Rico," Office of Puerto Rico.

TABLE 154.—*Tobacco: Stocks owned by dealers and manufacturers in United States, 1945-49¹ (farm-sales-weight basis)*

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Flue-cured, types 11-14:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Ohio (Miami Valley), types 42-44:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1945	1,718,852	1,428,136	1,126,283	1,482,650	1945	35,000	38,565	36,388	34,165
1946	1,764,302	1,487,120	1,147,358	1,495,211	1946	30,783	33,884	30,526	27,529
1947	1,729,701	1,541,543	1,286,840	1,639,630	1947	25,319	27,119	25,765	23,716
1948	1,973,218	1,804,336	1,550,213	1,874,264	1948	22,645	28,606	26,018	23,886
1949	2,023,160	1,767,483			1949	22,345	31,416		
Virginia fire-cured, type 21:					Puerto Rican, type 46: 2				
1945	27,435	32,895	28,148	24,031	1945	44,633	60,978	85,799	75,343
1946	22,980	25,838	21,186	19,220	1946	68,098	67,050	85,843	78,298
1947	17,471	28,158	25,762	22,729	1947	70,596	76,420	81,267	74,006
1948	20,965	29,983	25,886	22,172	1948	65,557	67,622	75,970	68,023
1949	24,422	28,187			1949	57,479	56,439		
Kentucky and Tennessee fire-cured, type 22:					Connecticut Valley Broadleaf, type 51:				
1945	100,036	113,951	102,546	81,982	1945	23,435	28,698	25,898	23,511
1946	71,365	86,557	78,737	66,941	1946	28,079	31,092	26,547	24,260
1947	55,971	96,068	96,762	86,317	1947	27,514	32,069	31,571	28,591
1948	78,014	116,422	108,426	97,795	1948	27,682	34,616	33,624	30,347
1949	87,716	119,571			1949	28,881	33,718		
Kentucky and Tennessee fire-cured, type 23:					Connecticut Valley Havana seed, type 52:				
1945	36,253	44,818	35,854	25,717	1945	27,086	25,027	22,451	18,796
1946	20,311	29,117	24,065	18,822	1946	24,836	22,383	19,857	15,997
1947	16,520	37,984	38,343	34,192	1947	21,376	23,106	19,775	16,493
1948	31,802	48,700	45,891	42,260	1948	24,534	24,359	21,684	19,343
1949	39,284	55,076			1949	21,960	26,318		
Henderson fire-cured, type 24:					New York and Pennsylvania Havana seed, type 53:				
1945	137	106	93	110	1945	2,853	3,570	3,404	3,239
1946	91	78	86	94	1946	2,963	3,105	2,413	2,042
1947	123	164	169	167	1947	1,145	3,095	2,862	2,741
1948	207	280	313	343	1948	2,545	2,193	3,160	2,508
1949	285	335			1949	2,211	2,117		
Burley, type 31:					Southern Wisconsin, type 54:				
1945	679,952	984,511	880,608	759,033	1945	27,090	35,136	31,393	27,499
1946	857,064	1,100,207	982,892	853,285	1946	26,996	41,951	37,057	32,670
1947	920,698	1,206,320	1,090,898	940,819	1947	27,885	35,046	40,531	37,935
1948	1,095,779	1,174,111	1,046,330	902,279	1948	35,392	46,784	42,158	37,214
1949	1,111,514	1,247,048			1949	35,495	45,860		
Maryland, type 32:					Northern Wisconsin, type 55:				
1945	37,602	29,574	44,197	52,227	1945	26,091	39,660	34,056	28,953
1946	46,544	39,153	37,722	40,292	1946	25,801	37,820	32,022	28,406
1947	32,382	25,811	35,070	52,539	1947	23,651	40,446	41,179	37,630
1948	44,786	37,427	47,300	55,988	1948	34,220	43,273	41,074	36,175
1949	46,886	38,418			1949	32,568	42,516		
One Sucker, type 35:					Georgia and Florida sun-grown, type 56:				
1945	30,609	44,024	35,560	30,680	1945	598	443	300	403
1946	30,322	44,397	41,027	32,842	1946	306	186	161	324
1947	36,948	52,286	46,017	40,132	1947	295	360	300	435
1948	43,248	50,505	46,223	41,581	1948	229	314	212	239
1949	42,954	52,672			1949	180	160		
Green River, type 36:					Connecticut shade-grown, type 61:				
1945	26,990	34,836	29,305	26,374	1945	14,101	12,043	10,150	10,540
1946	26,317	32,316	27,405	24,784	1946	14,343	12,545	10,122	10,410
1947	29,601	33,726	31,322	28,635	1947	14,884	12,294	10,128	11,957
1948	31,928	36,387	34,502	32,363	1948	16,932	13,603	10,708	12,186
1949	33,797	38,183			1949	16,198	13,892		
Virginia sun-cured, type 37:					Georgia and Florida shade-grown, type 62:				
1945	3,313	4,740	4,125	3,375	1945	6,752	5,018	4,538	7,147
1946	3,582	4,337	3,570	2,819	1946	6,807	5,438	3,501	6,335
1947	2,635	4,945	4,679	3,905	1947	5,542	4,233	3,245	6,361
1948	3,467	4,372	3,932	3,242	1948	6,031	4,681	3,823	7,830
1949	3,517	4,375			1949	7,293	6,158		
Pennsylvania Seed-leaf, type 41:									
1945	90,602	126,845	117,876	108,733					
1946	94,674	121,491	117,720	101,223					
1947	84,971	118,137	113,772	98,471					
1948	82,640	85,968	119,982	99,815					
1949	82,468	86,358							

See footnotes at end of table.

TABLE 154.—*Tobacco: Stocks owned by dealers and manufacturers in United States, 1945-49*¹—Continued
(farm-sales-weight basis)

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Perique, type 72:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cuban, type 81: ²	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1945.....	796	824	615	542	1945.....	25,688	23,865	23,377	24,062
1946.....	821	857	785	796	1946.....	28,760	25,899	24,182	24,673
1947.....	838	776	681	664	1947.....	34,822	35,958	34,090	30,889
1948.....	730	803	712	892	1948.....	30,744	28,027	26,540	24,164
1949.....	831	978	-----	-----	1949.....	22,919	21,839	-----	-----

¹ Stocks as here shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by growers—thereby making these figures of leaf-tobacco stocks comparable with figures of leaf-tobacco production.

² Stocks on the Island of Puerto Rico are included.

³ Stocks of Cuban tobacco, type 81, are not converted to a farm-sales weight but are shown on an unstemmed weight basis. Stemmed stocks reported have been converted to an unstemmed equivalent. A factor for converting to farm-sales weight has not been determined.

Production and Marketing Administration. Data for 1940-44 in Agricultural Statistics, 1945, table 146.

TABLE 155.—*Tobacco: Leaf used in the manufacture of cigars, cigarettes, and tobacco and snuff, United States, 1939-48*¹

Year	In cigars		In cigarettes		In tobacco and snuff	Total
	Large ²	Small	Large	Small		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	122,072	609	25	509,108	253,485	885,299
1940.....	126,309	526	14	535,204	260,663	922,716
1941.....	135,494	572	10	626,832	246,177	1,009,085
1942.....	140,154	525	15	754,535	235,836	1,131,065
1943.....	131,402	494	42	860,416	236,349	1,228,703
1944.....	129,399	483	273	920,145	204,241	1,254,541
1945.....	128,012	378	784	943,502	218,500	1,291,176
1946.....	137,166	373	9	1,000,929	168,190	1,306,667
1947.....	135,028	310	3	1,055,591	164,185	1,355,117
1948 ³	140,000	350	4	1,105,000	165,000	1,410,354

¹ The quantities given are unstemmed equivalent of all kinds of tobacco used. Stemmed leaf and scrap, etc., used in manufacturing have been converted to unstemmed equivalent at the ratio of 3 pounds stemmed to 4 pounds unstemmed.

² Does not include tobacco used in bonded manufacturing warehouses.

³ Preliminary.

Production and Marketing Administration. Compiled from annual reports of the Commissioner of Internal Revenue, Treasury Department. Data for 1948 are estimates of the Production and Marketing Administration.

TABLE 156.—Tobacco products: Average wholesale price, United States, 1939-48¹

Year	Cigarettes, per 1,000 ²	Cigars per 1,000 ³		Plug tobacco, per pound ⁴	Smoking tobacco, per dozen ⁵	Snuff, per half- gross ⁶
		Popular brands	Medium- priced brands			
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939	5.513	34.321	64.606	0.642	1.306	4.502
1940	5.638	34.321	64.606	.642	1.297	4.502
1941	5.760	34.321	64.606	.642	1.284	4.589
1942	5.802	34.422	66.919	.642	1.297	4.768
1943	6.006	41.709	73.405	.642	1.261	4.768
1944	6.006	42.178	74.517	.656	1.261	4.768
1945	6.006	48.245	82.626	.770	1.285	4.768
1946	6.234	55.206	85.521	.782	1.362	4.983
1947	6.509	⁷ 60.892	89.177	.834	1.441	5.715
1948	6.658	⁷ 60.831	89.660	.834	1.452	7.275

¹ Simple average of weekly prices, usually the Tuesday quotation. All prices include the internal-revenue tax.

² Composite price of three price series, f.o.b. destination. ³ Composite price, f.o.b. destination.

⁴ New York. ⁵ 2-ounce package, destination.

⁶ Dry, sweet, 1½-ounce, list price, destination. ⁷ Estimated.

Bureau of Agricultural Economics. Compiled from official records of the Bureau of Labor Statistics, Department of Labor.

TABLE 157.—Tobacco products: Composite retail value of 4 products, farm value per pound of equivalent leaf tobacco, margin, taxes, and marketing charges, and farmer's share of consumer's dollar, 1926-48¹

Year	Composite retail value ²	Farm value of 1 pound of equivalent leaf tobacco ³	Margin	Federal and State revenue taxes and processing tax ⁴	Marketing charges (excluding taxes) ⁵	Farmer's share of consumer's dollar
	Dollars	Dollars	Dollars	Dollars	Dollars	Cents
1926	2.10	0.209	1.89	0.59	1.30	10.0
1927	2.07	.199	1.87	.59	1.28	9.6
1928	2.01	.194	1.82	.59	1.23	9.7
1929	1.94	.210	1.73	.59	1.14	10.8
1930	1.88	.225	1.66	.59	1.07	11.2
1931	1.83	.210	1.62	.59	1.03	11.5
1932	1.84	.167	1.67	.60	1.07	9.1
1933	1.61	⁶ .116	1.49	.61	.88	⁶ 7.2
1934	1.75	⁶ .104	1.65	.64	1.01	⁶ 5.9
1935	1.73	⁶ .123	1.61	.65	.96	⁶ 7.1
1936	1.71	.172	1.54	.62	.92	10.1
1937	1.78	.203	1.58	.62	.96	11.4
1938	1.78	.226	1.55	.62	.93	12.7
1939	1.79	.235	1.55	.64	.91	13.1
1935-39 average	1.76	.192	1.57	.63	.94	10.9
1940	1.83	.204	1.63	.70	.93	11.1
1941	1.86	.181	1.68	.71	.97	9.7
1942	1.92	.166	1.75	.72	1.03	8.6
1943	2.03	.221	1.81	.77	1.04	10.9
1944	2.08	.325	1.76	.78	.98	15.6
1945	2.16	.394	1.77	.77	1.00	18.2
1946	2.27	.418	1.85	.78	1.07	18.4
1947	2.45	.430	2.02	.80	1.22	17.6
1948	2.56	.449	2.11	.84	1.27	17.5

¹ The 4 products are weighted by relative tax-paid withdrawals in 1935-39, converted to farm-sales weight of leaf tobacco. Percentage weights based on pounds of equivalent leaf are: Cigarettes, 53.2; cigars, 15.6; smoking tobacco, 22.6; and plug chewing tobacco, 8.6.

² Retail prices of the Bureau of Labor Statistics, multiplied by quantities of products derived from 1 pound of tobacco, farm-sales weight, and combined by weights shown in footnote 1.

³ Each of 4 products is represented by farm value of certain types of tobacco, weighted according to Agricultural Adjustment Administration formula, showing types used in manufacture of each product. The four products are weighted together by percentages in footnote 1. Farm value is lagged to represent prices received by farmers 2 to 2½ years earlier than the indicated retail price period (simple average of prices received 2 and 3 crop-years earlier).

⁴ Does not include city taxes. Federal internal-revenue taxes, weighted by percentages in footnote 1, and inflated to allow for estimated State revenue taxes. Processing taxes included, 1933-35.

⁵ Margin less taxes.

⁶ The amount of the processing tax added to farm value increases it to \$0.122 in 1933; \$0.135 in 1934, and \$0.159 in 1935. Farmer's shares including the tax payments are 7.6 percent in 1933; 7.7 percent in 1934, and 9.2 percent in 1935.

Bureau of Agricultural Economics.

TABLE 158.—*Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1939-48*

Year	Cigars ¹		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Weighing more than 3 pounds per 1,000	Weighing not more than 3 pounds per 1,000	Plug	Twist	Fine-cut	Scrap			
	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	5,197,627	156,940	4,369	180,666,824	51,263	5,733	4,701	41,351	202,289	37,670	343,907
1940.....	5,235,271	134,738	2,249	189,371,258	48,759	5,605	4,176	42,910	205,101	37,872	344,423
1941.....	5,840,176	146,711	1,790	217,934,925	50,230	5,614	5,069	44,209	197,689	39,616	342,427
1942.....	5,840,805	133,150	2,503	257,520,863	54,300	6,024	5,084	48,346	175,656	41,003	327,413
1943.....	5,363,027	125,480	6,111	296,173,333	58,945	6,257	4,460	51,414	162,834	43,179	327,089
1944.....	5,198,679	125,340	26,870	323,153,888	61,655	6,498	4,092	52,867	139,861	41,962	306,935
1945.....	5,274,675	98,167	82,416	332,164,670	59,704	6,723	3,970	47,748	168,523	43,834	330,502
1946.....	5,617,700	92,262	1,658	350,038,093	51,810	5,773	3,756	46,117	106,414	39,361	253,231
1947.....	5,487,656	79,690	537	369,682,769	47,306	5,152	3,793	42,189	104,680	39,163	242,283
1948 ²	6,700,000	90,000	700	387,000,000	45,845	5,635	3,200	42,350	107,575	40,810	244,915

¹ Cigars produced in and removed for domestic consumption from bonded manufacturing warehouses are not included.

² Preliminary.

Production and Marketing Administration. Compiled from annual and monthly reports of the Commissioner of Internal Revenue, Treasury Department, except cigars and cigarettes for 1948, which are estimates of the Production and Marketing Administration.

TABLE 159.—*Tobacco, unmanufactured: International trade, average 1935-39, annual 1946-48*

Continent and country	Average 1935-39		1946		1947 ¹		1948 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:								
Canada.....	15,294	4,255	12,591	1,746	24,493	1,610	15,877	1,617
Costa Rica.....	40	40	41	41	95	95	5	78
El Salvador.....	23	495	2,302	2,096	2,096	2,096	2,172	2,172
Guatemala.....	88	68	303	303	273	273	450	450
Honduras.....	1,894	43	3,371	34	3,737	60	4,444	4,444
Mexico.....	215	210	938	1,990	649	1,880	327	2,587
Newfoundland and Labrador.....		62		850		1,166		² 1,500
Nicaragua.....		175		506		453		504
United States.....	420,797	71,274	663,162	82,061	507,286	90,386	426,609	84,342
Cuba.....	27,712		46,745		31,667		32,322	
Dominican Republic.....	13,652		62,534	61	32,985	183	30,604	² 200
Total.....	479,587	76,622	789,341	89,894	600,817	98,202	510,088	93,990
Europe:								
Austria.....	³ 1,424	³ 16,954		² 5,000		6,264		10,133
Belgium and Luxembourg.....	413	40,695	6	37,580	84	40,591	344	41,155
Bulgaria.....	59,396		40,745		72,007		² 75,000	
Czechoslovakia.....		³ 20,768		11,823		46,086		21,473
Denmark.....	490	20,206	486	27,917	11	18,932	269	20,023
Eire.....	³ 394	³ 12,292	265	15,560	340	14,417	424	12,481
Finland.....		³ 7,754		4,317		6,823		14,616
France.....	³ 686	³ 61,576	287	81,985	116	68,486	1,911	28,117
Germany.....	³ 19	³ 204,644		² 500		⁴ 3,194		⁴ 14,969
Greece.....	97,657		28,364		38,732		40,751	
Hungary.....	19,162	3,106		829		851		⁵ 2,400
Italy.....	12,827	5,253	468	819	2,955	29,826	2,006	27,117
Netherlands.....	3,249	67,349	1,243	24,024	426	76,228	1,771	35,840
Norway.....		6,062		9,672		9,113		8,965
Poland and Danzig.....	³ 149	³ 18,404		4,678		8,311		6,592
Portugal.....		6,321		9,761		10,062	8	11,727
Spain.....		² 30,979		32,083		56,503		⁵ 35,000
Sweden.....	153	14,829	1,310	11,688	455	19,861		16,898
Switzerland.....		15,795	44	19,332		22,253		22,998
United Kingdom.....	⁶ 5,996	258,486	⁶ 6,591	432,708	⁶ 899	295,621	⁶ 994	280,585
Total.....	202,115	812,093	79,809 ^v	730,176	116,701 ^f	733,421	128,478	610,589

See footnotes at end of table.

TABLE 159.—Tobacco, unmanufactured: International trade, average 1935-39, annual 1946-48—Continued

Continent and country	Average 1935-39		1946		1947 ¹		1948 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asia:								
Syria and Lebanon.....	2,762	112	5,094	-----	6,243	300	5,390	346
Turkey.....	78,064	152	62,911	90	93,239	-----	109,321	-----
Ceylon.....	2,086	1,200	1,148	2,163	1,037	2,323	1,041	1,619
China.....	30,994	56,613	2,047	27,132	1,155	41,476	1,459	20,945
French Indochina.....	³ 216	2,718	-----	325	-----	6,863	-----	7,242
Hong Kong.....	(⁷)	10,450	670	9,808	387	10,437	1,374	7,260
India.....	43,500	4,791	72,151	10,117	49,945	12,789	⁵ 50,000	³ 11,000
Indonesia.....	101,176	2,765	1,715	⁶ 416	4,885	2,544	² 6,000	7,986
Philippine Republic.....	37,357	1,075	3,614	120	10,254	101	6,181	96
Thailand (Siam).....	13	3,405	-----	1,325	-----	3,307	-----	1,452
Total.....	296,158	83,281	149,350	51,496	167,145	80,139	180,766	57,946
South America:								
Argentina.....	180	16,878	10,249	18,652	4,489	17,504	⁶ 2,400	⁴ 12,000
Brazil.....	71,955	772	116,586	664	86,861	666	55,873	240
British Guiana.....	-----	³ 393	-----	596	-----	780	-----	639
Chile.....	-----	172	-----	1,594	-----	840	-----	840
Colombia.....	6,472	³ 138	6,853	392	8,583	363	² 10,000	² 400
Paraguay.....	7,747	202	14,650	194	7,738	² 140	⁵ 3,305	² 140
Peru.....	-----	212	223	483	-----	569	-----	789
Surinam.....	(⁷)	(⁷)	-----	510	-----	121	-----	158
Uruguay.....	-----	3,051	-----	8,158	-----	4,151	-----	4,325
Total.....	86,354	21,818	148,561	31,243	107,671	25,134	73,578	19,531
Africa:								
Algeria.....	24,979	7,482	1,735	6,726	20,507	7,671	17,778	7,606
French Morocco.....	-----	³ 3,921	-----	1,543	-----	6,834	252	9,259
Belgian Congo.....	-----	² 1,000	(⁷)	(⁷)	17	2,692	⁵ 18	⁴ 4,800
Nyasaland.....	12,810	-----	17,732	10	20,008	14	² 20,000	² 20
Egypt.....	-----	13,014	-----	26,735	-----	24,923	-----	24,220
Gold Coast.....	-----	1,471	-----	1,278	-----	1,213	-----	² 1,600
Madagascar.....	5,262	17	2,351	373	3,115	-----	6,614	-----
Northern Rhodesia.....	1,429	-----	3,833	-----	3,335	-----	4,826	-----
Southern Rhodesia.....	19,166	327	41,634	1,841	46,657	1,064	67,661	-----
Tunisia.....	-----	³ 2,843	91	5,397	-----	5,390	118	8,523
Union of South Africa.....	635	3,100	748	5,172	-----	6,463	-----	² 6,500
Total.....	64,281	33,175	68,124	49,075	93,639	56,264	117,267	62,528
Oceania:								
Australia.....	114	21,537	2	22,164	-----	21,333 ⁴	291	29,941
New Zealand.....	113	3,027	-----	6,806	-----	4,651	-----	4,346
Total.....	227	24,564	2	28,970	-----	25,984	291	34,287
Total, countries shown.....	1,128,722	1,051,553	1,235,187	980,854	1,085,973	1,019,144	1,010,468	878,871

¹ Preliminary.² Approximated from unofficial information.³ Less than a 5-year average.⁴ Bizonie Germany only; data for Russian Zone not available.⁵ Estimated on basis of data available for 6 months or more of the year.⁶ Re-exports.⁷ Not available.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of U. S. Foreign Service officers, and other information.

CHAPTER III

STATISTICS OF OILSEEDS, FATS, AND OILS

The information given in this chapter includes data on cottonseed, flaxseed, olive oil, peanuts, soybeans, tung nuts, oleomargarine, and fats and oils.

Some data on fats, oils, and oilseeds produced abroad are in the chapter on foreign trade. Butter statistics in general are included with other dairy products. Lard statistics are mostly in the chapter on livestock.

TABLE 160.—Cottonseed: Yield per acre, production, farm disposition, season average price per ton received by farmers, and value, United States, 1929-48

Year	Acreage of cotton harvested	Cottonseed						Price	Farm value
		Yield of seed per acre	Pro-duction	Left on farms	Delivered to oil mills				
					Sold to oil mills	Ex-changed for meal			
	1,000 acres	Pounds	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars	
1929	43,232	296	6,406	1,384	4,692	330	30.93	198,164	
1930	42,444	284	6,028	1,333	4,278	417	22.07	133,054	
1931	38,704	378	7,310	1,690	4,795	825	8.98	65,678	
1932	35,891	324	5,815	1,272	3,998	545	10.35	60,202	
1933	29,383	375	5,511	1,352	3,796	363	12.91	71,166	
1934	26,866	317	4,256	838	3,211	207	33.03	140,574	
1935	27,509	337	4,634	884	3,450	300	30.54	141,527	
1936	29,755	368	5,472	953	4,215	304	33.30	182,230	
1937	33,623	467	7,844	1,223	5,963	658	19.50	152,974	
1938	24,248	408	4,950	690	3,815	445	21.79	107,874	
1939	23,805	409	4,869	799	3,637	433	21.14	102,933	
1940	23,861	443	5,286	796	3,998	492	21.72	114,817	
1941	22,236	410	4,553	593	3,748	212	47.65	216,961	
1942	22,602	460	5,202	686	4,151	365	45.60	237,221	
1943	21,610	434	4,688	704	3,553	431	52.10	244,059	
1944	19,651	499	4,902	540	4,064	298	52.70	258,163	
1945	17,059	430	3,664	502	2,844	318	51.10	187,155	
1946	17,615	399	3,513	444	2,854	215	71.90	252,674	
1947	21,269	440	4,681	610	3,300	141	85.90	402,015	
1948 ¹	22,768	514	5,941	562	5,210	169	67.40	400,259	

¹ Preliminary. Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 212.

TABLE 161.—Cottonseed: Production and season average price per ton received by farmers (average 1937-46), and farm disposition, by States, annual 1947 and 1948

State	Production			Left on farms		Delivered to oil mills				Price for crop of—		
	Average 1937-46	1947	1948 ¹	1947	1948 ¹	Sold to oil mills		Exchanged for meal		Average 1937-46	1947	1948 ¹
						1947	1948 ¹	1947	1948 ¹			
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dol-lars	Dol-lars
Missouri	156	132	213	11	13	121	200	0	0	38.00	83.80	63.40
Virginia	10	7	10	1	1	5	8	1	1	40.60	82.80	58.80
North Carolina	237	177	282	22	22	143	247	12	13	40.20	80.40	60.30
South Carolina	304	253	359	38	34	196	299	19	26	40.10	80.40	62.10
Georgia	351	253	300	23	25	212	256	18	19	40.30	82.20	66.50
Florida	8	4	6	0	1	4	4	0	1	35.50	72.90	67.10
Tennessee	209	197	256	22	31	168	216	7	9	40.60	88.30	64.80
Alabama	375	347	469	42	54	274	382	31	33	39.60	79.50	60.80
Mississippi	728	603	912	98	92	480	787	25	33	41.50	89.10	68.50
Arkansas	584	490	756	50	51	431	694	9	11	40.30	86.10	65.90
Louisiana	242	201	302	26	27	170	267	5	8	38.40	79.80	66.70
Oklahoma	240	137	158	22	23	113	132	2	3	40.00	87.50	68.30
Texas	1,190	1,417	1,304	207	144	1,198	1,148	12	12	40.80	86.00	72.30
New Mexico	47	71	95	3	5	68	90	0	0	42.90	94.10	70.10
Arizona	81	93	137	5	7	88	130	0	0	41.70	89.00	67.90
California	178	295	376	40	31	255	345	0	0	43.80	97.00	73.30
Other States ²	7	4	6	0	1	4	5	0	0	39.40	85.40	63.50
United States	4,947	4,681	5,941	610	562	3,930	6,210	141	169	40.50	85.90	67.40

¹ Preliminary. ² Includes Illinois, Kansas, and Kentucky for all years; also Nevada for 1948. Bureau of Agricultural Economics. Quantities of 500 tons or less shown as zero.

TABLE 162.—Cottonseed: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48

Continent and country	Year beginning Aug. 1—					
	Average		1945	1946	1947 ¹	1948 ¹
	1935-39	1940-44				
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
North America:						
El Salvador.....	2	6	5	10	11	10
Mexico.....	160	203	207	221	232	274
United States.....	5,554	4,926	3,664	3,513	4,681	5,941
Haiti.....	12	7	6	4	6	7
Total ²	5,735	5,150	3,890	3,755	4,940	6,240
Europe:						
Bulgaria ³	19	9	5	11	15	-----
Greece.....	39	14	16	26	27	28
Italy.....	11	14	5	6	8	6
Rumania ³	1	7	12	6	10	-----
Spain.....	5	8	4	11	6	14
Total (excluding U.S.S.R.) ²	75	55	45	60	70	85
U.S.S.R.(Europe and Asia).....	1,640	995	815	1,075	1,150	1,250
Asia:						
Iran.....	91	56	49	34	43	49
Syria.....	15	8	12	12	13	17
Turkey.....	126	122	84	104	111	157
Afghanistan.....	27	13	11	5	-----	17
Burma.....	54	45	18	12	20	20
China (includes Manchuria).....	1,593	1,123	1,016	1,078	1,196	1,184
India.....	4 2,984	4 2,708	4 1,911	1,311	1,406	1,098
Pakistan.....	(⁴)	(⁴)	(⁴)	590	472	421
Korea.....	91	100	52	38	33	37
Indonesia.....	5	5	5	1	-----	-----
Siam.....	4	6	9	12	14	14
Total (excluding U.S.S.R.) ²	5,005	4,200	3,180	3,205	3,325	3,020
South America:						
Argentina.....	147	202	145	170	216	227
Brazil.....	935	1,037	645	648	605	720
Colombia.....	12	12	11	11	13	16
Paraguay.....	20	21	22	28	17	26
Peru.....	204	165	175	160	151	141
Venezuela.....	6	8	7	6	5	6
Total ²	1,330	1,450	1,010	1,030	1,010	1,140
Africa and Oceania:						
Anglo-Egyptian Sudan.....	132	135	103	125	115	137
Belgian Congo.....	87	92	92	88	94	112
Tanganyika.....	25	23	17	17	21	19
Uganda.....	143	101	97	98	72	162
Egypt.....	1,007	661	576	669	702	980
French Equatorial Africa and Cameroun.....	22	46	56	42	58	-----
French West Africa and Togo.....	16	11	5	5	8	-----
Mozambique.....	18	49	53	59	54	58
Nigeria and Cameroons.....	19	16	16	15	19	32
Angola.....	7	13	11	14	13	11
Total ²	1,500	1,170	1,035	1,145	1,170	1,600
World total.....	15,285	13,020	9,975	10,270	11,665	13,335

¹ Preliminary.² Includes estimates for the above countries for which data are not available and for minor producing countries.³ Figures for 1941 to date are not comparable with prewar figures because of boundary changes.⁴ Pakistan included with India.

Office of Foreign Agricultural Relations. United States figures were compiled from official records; figures for other countries were calculated from lint-production estimates.

TABLE 163.—Cottonseed crushings and production of cottonseed products, United States, 1939-48

Year beginning August—	Quantity crushed	Cottonseed products				Year beginning August—	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters	Hulls			Crude oil	Cake and meal	Linters	Hulls
	1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons		1,000 tons	Million pounds	1,000 tons	1,000 running bales	1,000 tons
1939.....	4,151	1,325	1,882	1,072	1,055	1944.....	4,254	1,324	1,954	1,247	984
1940.....	4,398	1,425	1,954	1,208	1,107	1945.....	3,262	1,018	1,434	989	783
1941.....	4,008	1,250	1,753	1,183	992	1946.....	3,090	973	1,363	992	727
1942.....	4,498	1,401	1,995	1,354	1,085	1947.....	4,081	1,275	1,898	1,281	922
1943.....	3,955	1,236	1,834	1,180	927	1948 ¹	5,333	1,704	2,391	1,639	1,235

¹ Preliminary.

Bureau of Agricultural Economics. Compiled from annual reports of the Bureau of the Census.

TABLE 164.—Cottonseed oil, meal, and hulls: Average price at specified markets, 1939-1948

Year beginning August—	Oil, per pound		Meal, per ton ³	Hulls, per ton ⁴	Year beginning August—	Oil, per pound		Meal, per ton ³	Hulls, per ton ⁴
	Crude ¹	Refined ²				Crude ¹	Refined ²		
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1939.....	5.64	6.54	27.60	11.31	1944.....	12.75	14.31	48.50	13.00
1940.....	6.54	7.52	26.66	11.00	1945.....	12.75	14.58	55.06	13.17
1941.....	12.27	13.45	36.61	9.93	1946.....	24.78	28.47	74.55	15.90
1942.....	12.75	13.93	37.80	10.28	1947.....	26.25	27.75	86.80	15.61
1943.....	12.75	14.05	48.54	12.00	1948.....	15.42	17.23	63.30	6.55

¹ In tanks, f.o.b. southeastern mills.² Prime summer yellow, bleachable, tank-car deliveries, New York.³ On basis of 41 percent protein, bagged, carlots, Memphis.⁴ Bulk, carlots. Atlanta, through July 1944; southeast mills, August 1944-July 1947; Memphis, August 1947-July 1949.⁵ Nearby futures.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter; reports of the Bureau of Labor Statistics, and records of the Production and Marketing Administration. Data for earlier years in the 1930 Yearbook, table 149, and Agricultural Statistics, 1940, table 177.

TABLE 165.—Cottonseed oil futures: Volume of trading and annual average of month-end open contracts on all contract markets, and highest and lowest price per pound on the New York Produce Exchange, 1939-48

Year beginning August—	Volume of trading	Average of open contracts	Price		Year beginning August—	Volume of trading	Average of open contracts	Price	
			Highest	Lowest				Highest	Lowest
	Million pounds	Million pounds	Cents	Cents		Million pounds	Million pounds	Cents	Cents
1939.....	2,313.0	(¹)	7.94	5.09	1944.....	2.7	2.1	14.31	12.65
1940.....	3,520.1	² 153.1	13.25	5.33	1945.....	.7	³ 0.4	14.31	14.20
1941.....	1,027.4	87.4	14.30	11.40	1946.....	102.2	⁴ 13.3	41.25	16.25
1942.....	26.8	2.3	14.45	13.27	1947.....	1,576.6	55.5	43.00	15.60
1943.....	6.3	1.0	14.45	12.75	1948.....	3,342.3	93.9	27.75	10.50

¹ Not available prior to Mar. 17, 1941.² 5-month average.³ 11-month average. Trading suspended July 10, 1946.⁴ 10-month average. Trading resumed Oct. 17, 1946.

Commodity Exchange Authority. Trading and open contracts figures compiled from daily reports from exchange clearing members beginning Mar. 17, 1941; prior figures and prices compiled from records of the New York Produce Exchange.

TABLE 166.—Flaxseed: Acreage, production, value, foreign trade, and net supply, United States, 1929-48

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers	Farm value	Average price per bushel of No. 1 flaxseed at Minneapolis, year beginning August 1	Foreign trade, including linseed oil in terms of seed, year beginning July 2			Net supply
								Domestic exports	Imports	Net imports 3	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1929		2,966	5.1	15,016							
1929	3,386	3,049	5.2	15,924	2.81	44,777	3.11	115	19,945	19,830	35,754
1930	4,481	3,780	5.7	21,673	1.61	34,950	1.76	70	7,827	7,757	29,430
1931	3,773	2,431	4.8	11,755	1.17	13,715	1.36	47	13,851	13,804	25,559
1932	2,720	1,988	5.8	11,511	.88	10,149	1.18	42	6,215	6,173	17,684
1933	1,837	1,341	5.1	6,904	1.63	11,230	1.87	38	18,479	18,441	25,345
1934		998	5.6	5,698							
1934	1,609	1,002	5.7	5,719	1.70	9,732	1.90	43	15,499	15,456	21,175
1935	2,419	2,126	7.0	14,914	1.42	21,181	1.73	55	15,451	15,396	30,310
1936	2,572	1,125	4.7	5,331	1.90	10,112	2.14	58	26,120	26,062	31,393
1937	1,330	927	7.6	7,070	1.87	13,196	2.07	43	17,873	17,830	24,900
1938	1,032	905	8.9	8,032	1.59	12,783	1.78	43	18,748	18,705	26,737
1939		2,081	9.0	18,829							
1939	2,339	2,171	9.0	19,606	1.46	28,692	1.65	239	13,213	12,974	32,580
1940	3,364	3,182	9.7	30,924	1.42	43,793	1.65	276	11,202	10,926	41,850
1941	3,462	3,266	9.8	32,133	1.79	57,482	2.11	2,213	23,273	21,060	53,193
1942	4,698	4,408	9.3	40,976	2.36	96,560	2.58	4,402	9,248	4,846	45,822
1943	6,182	5,691	8.8	50,009	2.83	141,554	3.05	15,339	21,244	5,905	55,914
1944		2,177	8.4	20,765							
1944	2,887	2,610	8.3	21,665	2.91	62,941	3.10	9,763	6,482	3,281	18,384
1945	3,963	3,785	9.1	34,557	2.89	99,912	3.14	238	8,356	8,118	42,675
1946	2,641	2,432	9.3	22,585	4.04	91,137	4.82	61	10,190	10,128	32,713
1947	4,161	4,030	10.1	40,536	6.15	249,331	6.38	1,469	1,446	23	40,513
1948 7	4,889	4,737	11.1	52,533	5.76	302,377	5.98				

¹ Average of daily prices weighted by carlot sales, compiled from Minneapolis Daily Market Record.
² Compiled from Monthly Summary of Foreign Commerce of the United States, January and June, and official records of the Department of Commerce. Flaxseed, general imports 1929-32; imports for consumption beginning 1933. Linseed oil, general imports 1929-32; imports for consumption beginning 1933. No re-exports of seed or oil reported since December 1922. 1 bushel of flaxseed weighs 56 pounds; 1 bushel of seed yields approximately 2½ gallons of oil, and 1 gallon of oil is 7½ lbs.
³ Total imports minus exports. Beginning 1933 imports for consumption minus domestic exports.
⁴ Beginning 1933, imports for consumption.
⁵ Includes an allowance for unredeemed loans at average loan value. ⁶ Net exports. ⁷ Preliminary.
 Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 220.

TABLE 167.—Flaxseed: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State	Acreage planted			Acreage harvested			Production 2			Price for crop of—		
	Average 1937-46	1947	1948 1	Average 1937-46	1947	1948 1	Average 1937-46	1947	1948 1	Average 1937-46 3	1947	1948 1
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Ohio		8			3			24				
Illinois	48	6	2	48	6	2	4109	72	28	42.64	5.98	5.80
Michigan	7	5	7	7	5	7	59	38	77	2.37	6.45	5.75
Wisconsin	8	15	22	8	15	22	89	188	277	2.43	6.22	5.65
Minnesota	1,164	1,417	1,700	1,107	1,373	1,661	10,950	15,103	19,102	2.31	6.12	5.75
Iowa	145	84	96	141	83	95	1,690	1,120	1,425	2.24	5.90	5.75
Missouri	9	7	7	9	7	7	53	35	35	2.12	5.61	5.50
North Dakota	966	1,464	1,640	857	1,425	1,568	6,039	12,112	14,896	2.30	6.18	5.65
South Dakota	302	597	716	276	585	708	2,506	5,850	7,788	2.29	6.00	5.70
Kansas	152	115	87	137	107	72	957	749	396	2.14	5.53	5.50
Oklahoma	23	4	4	19	4	3	112	24	12	2.08	5.45	5.40
Texas	443	94	227	336	91	220	4287	864	1,320	42.26	6.70	5.70
Montana	199	188	124	180	168	119	1,200	1,071	2.23	6.06	5.50	
Idaho	3	3		3	3		29	30		6.21		
Wyoming	1	2	1	1	2	1	4	9	5	42.91	5.92	5.55
Arizona	416	20	38	415	20	38	4348	530	1,064	42.62	6.10	6.25
Washington	3	4	2	3	4	2	28	52	20	6.88	6.00	
Oregon 2	3	8	15	3	7	14	29	105	168		6.50	6.00
California	147	125	201	139	122	198	2,402	2,623	4,851	2.54	7.00	6.18
United States	3,189	4,161	4,889	2,938	4,030	4,737	26,756	40,536	52,533	2.32	6.15	5.76

¹ Preliminary.
² Does not include flaxseed harvested from flax grown for fiber in Oregon, estimated at 59,000 bushels in 1947 and 19,400 bushels in 1948.
³ For certain years, prices include an allowance for unredeemed loans at average loan value.
⁴ Short-time average.
 Bureau of Agricultural Economics.

TABLE 168.—Flaxseed: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935-39, annual 1945-48¹

Continent and country	Harvested acreage					Yield per acre					Production				
	Average 1935-39	1945	1946	1947	1948 ²	Average 1935-39	1945	1946	1947	1948 ²	Average 1935-39	1945	1946	1947	1948 ²
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	Bu.	Bu.	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:															
Canada.....	307	1,050	841	1,571	1,876	4.9	7.2	7.6	7.8	9.4	1,508	7,593	6,403	12,241	17,683
Mexico.....	16	65	73	1,93	132	6.9	10.8	10.7	12.7	14.9	111	703	789	1,173	1,968
United States.....	1,451	3,785	2,432	4,030	4,737	7.6	9.1	9.3	10.1	11.1	10,991	34,557	22,585	40,536	52,533
Total.....	1,774	4,909	3,346	5,694	6,745						12,610	42,853	29,777	53,950	72,184
Europe:															
Austria ³	5	7	5	6	8	7.1		8.4	5.9	8.7	36		40	36	69
Belgium ³	75	60	78	69	74	8.9	9.1	8.0	6.8	7.9	664	548	617	470	587
Bulgaria.....	3 8	4 11	4 2	4 8		6.5	5.4	5.5	6.1		52	61	10	47	
Czechoslovakia ³	5 35	6 47	6 50	6 50	6 66	6.9	5.3	6.3	4.3	5.7	5 243	248	315	212	376
Denmark.....		6	3	21	45		22.5	15.9	18.9			145	47	401	
Finland ^{3 7}	9	25		25	24		4.5					113			
France ³	92	93	81	81	78	5.0	4.7	4.4	4.3	5.0	464	433	357	350	387
Germany ³	5 75		95	126	141	10.7		8.6	9.3	9.7	5 795		819	1,177	1,370
Greece.....											79		157	98	98
Hungary.....	28	5	8	14	23	10.3	9.0	12.3		11.1	283	43	94		256
Italy ³	16	32	33	45	48	12.6	5.3	7.6	10.0	9.8	202	172	252	454	472
Netherlands ³	42	23	31	33	48	13.0	10.5	10.2	11.7	12.3	546	245	314	384	592
Poland and Danzig ³	5 158		55	100	203	10.0		4.1	4.0		5 1,578		367	400	
Rumania ³	42	82	50	32	37		2.9	2.7			275	234	137		
Sweden.....		38	22	39	49		20.0	12.2	16.4	16.7		764	272	650	827
United Kingdom.....	5 2	11	11	38	86		20.0	9.1	15.8	16.3		240	100	600	1,400
Yugoslavia ³	33					1.6					52				
Total (excluding U. S. S. R.) ⁴	650	630	615	740	995						5,350	4,485	4,055	5,650	8,075
U. S. S. R. (Europe and Asia) ³	5 6,434		2,800	3,200	4,400	5.1		4.0	4.3	4.4	5 32,115		11,257	13,800	19,290
Asia:															
Turkey ³	48	37	55	70	183	7.3	3.7	5.3	10.0	9.8	349	139	296	707	1,793
India ^{5 9}	3,885	3,465	3,334	3,259	3,977	4.7	4.5	4.4	4.0	4.3	18,096	15,680	14,520	13,120	17,240
Pakistan ¹⁰				76	74				6.8	7.0				520	520
Japan ⁹	50	95	67	75	64	4.2	4.4			3.1	211	420		197	
Total (excl. U. S. S. R.) and and China ⁶	4,075	3,820	3,690	3,730	4,545						18,925	16,565	15,500	15,140	20,245

South America:															
Argentina.....	6,077	3,420	3,798	3,339	3,212	9.8	11.1	10.7	11.1	6.1	59,571	37,955	40,706	37,104	19,684
Brazil.....												866	591	512	787
Chile ¹¹ 5.....	12	13	13	13	19	8.2	12.5	13.3	13.4	12.9	¹¹ 37	151	170	168	241
Uruguay.....	407	592	300	551	522	9.6	8.7	9.5	7.0	8.6	3,894	5,159	2,843	3,862	4,495
Total ⁸	6,570	4,115	4,185	3,975	3,845						64,035	44,000	44,315	41,650	25,210
Africa:															
Egypt ³	7	7	4	11	22	12.4	10.9	12.0	12.7	14.0	87	77	43	134	312
French Morocco.....	51	93	32	74	121	7.1	1.4	7.4	5.3	10.1	362	134	238	394	1,228
Total ⁸	65	115	90	90	250						500	250	520	565	2,235
Oceania:															
New Zealand.....	1	10	12	19	10	14.2	¹² 14.3	9.8	7.5	16.8	17	¹³ 173	120	140	160
Total ⁸	1	10	12	25	30						17	175	175	195	395
World total (excluding China).....	19,570	15,840	14,740	17,455	20,810						133,555	117,365	105,600	130,950	147,635

¹ Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus, the crop harvested in the Northern Hemisphere countries in 1948 is combined with the Southern Hemisphere harvest which began late in 1948 and ended early in 1949. ² Preliminary. ³ Acreage includes area for fiber. ⁴ Includes acreage utilized for combined plantings but excludes acreage planted for fiber production only. ⁵ Average of less than 5 years. ⁶ Sown area. ⁷ Flax and hemp through 1945. ⁸ Includes estimates for the above countries for which data are not available and for minor producing countries. ⁹ Officially reported figures plus Indian official estimates for unreported tracts except in the years 1946-48 inclusive,

when no estimates for unreported tracts were available. ¹⁰ Prior to 1947 figures for India include Pakistan. ¹¹ 1935 only. ¹² Yield calculated from seed acreage only. ¹³ Includes seed from fiber flax.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries.

TABLE 169.—*Flaxseed: Production and farm disposition, by States, crops of 1947 and 1948*

State	Crop of 1947				Crop of 1948 ¹			
	Production	Used for seed		Sold	Production	Used for seed		Sold
		Total	On farms where grown			Total	On farms where grown	
	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>
Ohio.....	24	2	2	24	28	1	1	27
Illinois.....	72	6	4	70	77	5	3	74
Michigan.....	38	18	11	177	275	12	7	268
Wisconsin.....	188	678	14,425	19,102	1,071	685	18,417	1,382
Minnesota.....	15,103	1,120	77	38	1,082	72	43	1,387
Iowa.....	1,120	35	6	2	35	5	2	33
Missouri.....	35	902	541	11,571	14,896	902	559	14,337
North Dakota.....	12,112	394	244	5,606	7,788	394	256	7,532
South Dakota.....	5,850	61	31	718	396	36	18	378
Kansas.....	749	3	1	23	12	2	1	11
Oklahoma.....	24	864	170	42	822	1,320	83	1,237
Texas.....	864	50	28	980	1,071	50	22	1,049
Montana.....	1,008	30	9	30	5	5	5	5
Idaho.....	30	9	2	528	1,064	41	3	1,061
Wyoming.....	9	34	1	52	20	1	1	20
Arizona.....	530	10	4	101	168	6	5	163
Washington.....	52	151	50	2,573	4,851	151	60	4,791
Oregon.....	105							
California.....	2,623							
United States.....	40,536	3,075	1,678	38,858	52,533	2,957	1,748	50,785

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 170.—*Flaxseed: Supply and distribution, United States, 1929-49*

Year beginning July—	Supply				Distribution				
	Stocks, July 1	Production	Net imports or net exports (-)	Total supply	Farm disposition			Crushings ²	Total disappearance ³
					Used for seed		Sold		
				Total	On farms where grown ¹				
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1929.....	5,019	15,924	19,652	40,595	2,327	1,233	14,691	35,504	37,373
1930.....	3,222	21,673	7,813	32,708	1,989	1,215	20,458	27,054	30,225
1931.....	2,483	11,755	13,849	28,087	1,440	835	10,920	23,700	25,187
1932.....	2,900	11,511	6,213	20,624	1,006	636	10,875	17,370	18,524
1933.....	2,100	6,904	17,901	26,905	882	524	6,380	23,006	24,392
1934.....	2,513	5,719	15,332	23,564	1,293	445	5,274	20,720	21,383
1935.....	2,181	14,914	15,388	32,483	1,388	771	14,143	26,544	29,152
1936.....	3,331	5,331	26,096	34,758	732	331	5,000	30,340	31,419
1937.....	3,339	7,070	17,861	28,270	580	314	6,766	25,870	26,071
1938.....	2,199	8,032	18,744	28,975	1,353	533	7,499	25,569	26,679
1939.....	2,296	19,606	13,212	35,114	2,012	963	18,643	30,078	31,203
1940.....	3,911	30,924	11,198	46,033	2,271	1,232	29,692	36,643	38,661
1941.....	7,372	32,133	23,226	62,731	2,962	1,454	30,679	51,195	56,545
1942.....	6,186	40,976	6,326	53,488	3,815	1,922	39,054	44,257	49,070
1943.....	4,418	60,009	16,786	71,213	1,810	1,217	48,792	54,602	59,024
1944.....	12,189	21,665	5,052	38,906	2,380	1,178	20,487	32,861	35,835
1945.....	3,071	34,557	3,402	41,030	1,656	1,015	33,542	29,351	34,404
1946.....	6,626	22,585	1,340	30,551	2,570	1,218	21,367	24,697	26,360
1947.....	2,191	40,536	699	43,426	3,075	1,678	38,858	30,083	36,209
1948 ⁴	7,217	52,533	-4,056	55,694	2,957	1,748	50,785	37,311	35,206
1949 ⁴	20,488	41,163							

¹ Included in total used for seed.² From domestic and imported seed.³ Total supply minus stocks July 1 following year.⁴ Preliminary.

Bureau of Agricultural Economics. Compiled from reports of this Bureau and the Bureau of the Census. Farm disposition relates to the crop specified and not to disposition within the marketing year.

TABLE 171.—*Flaxseed: Receipts graded by licensed inspectors, by grades, United States, 1938-47*

Year beginning August—	Flaxseed				Year beginning August—	Flaxseed			
	No. 1	No. 2	Sample	Total		No. 1	No. 2	Sample	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1938.....	7,690	79	108	7,787	1943.....	33,619	2,170	1,118	36,907
1939.....	15,847	213	115	16,175	1944.....	19,305	1,717	608	21,630
1940.....	20,107	2,148	2,226	24,481	1945 ¹	31,151	683	457	32,291
1941.....	19,723	2,921	1,831	24,475	1946 ¹	16,265	1,128	200	17,593
1942.....	25,127	3,682	2,029	30,738	1947 ¹	30,844	1,573	467	32,884

¹ Year beginning July.

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,200 bushels per car for the years 1938-43 and 1,600 bushels for the years 1944-47.

TABLE 172.—*Flaxseed crushed, and production, imports, and exports of linseed oil, cake and meal, United States, 1939-48*

Year beginning July—	Flaxseed crushed					Linseed oil			Linseed cake and meal		
	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	Total ¹	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
1939.....	6,814	8,736	7,892	6,637	30,078	579,056	18	4,552	536	2	214
1940.....	6,948	10,083	10,226	9,386	36,643	707,230	69	5,262	652	1	4
1941.....	12,175	13,070	13,425	12,526	51,195	988,287	56	41,285	911	(?)	7
1942.....	11,658	12,255	10,679	9,665	44,257	849,160	55,584	33,764	790	(?)	10
1943.....	12,103	15,484	14,527	12,488	54,602	1,046,972	84,580	294,359	975	1	1
1944.....	13,324	8,534	6,428	4,575	32,861	633,109	27,112	185,778	585	10	1
1945.....	5,872	9,710	7,099	6,670	29,351	588,520	93,826	552,606	511	3	(?)
1946.....	8,840	6,268	4,908	4,581	24,597	485,265	168,251	933	432	(?)	2
1947.....	5,392	8,521	7,835	8,335	30,083	594,657	13,796	341,677	528	7	13
1948 ⁴	11,050	9,257	8,842	8,162	37,311	736,574	2,243	13,981	669	4	66

¹ Each quarterly and annual figure is rounded directly from original data stated in tons.

² Less than 500 tons.

³ Includes 48,581,000 pounds reported in imports for consumption and in re-exports in 1945; 14,118,000 pounds in 1947.

⁴ Preliminary.

Bureau of Agricultural Economics. Crushings and production of oil from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Production of linseed cake and meal computed by the Department of Agriculture. Trade figures from Monthly Summary of Foreign Commerce of the United States, and records of the Bureau of the Census. Data for earlier years in 1934 Yearbook, table 91, and Agricultural Statistics, 1944, table 160.

TABLE 173.—*Linseed oil and meal: Average price at New York and Minneapolis, 1939-48*

Year beginning July—	Oil, per pound		Meal, per ton		Year beginning July—	Oil, per pound		Meal, per ton	
	New York ¹	Minneapolis ²	New York ³	Minneapolis ⁴		New York ¹	Minneapolis ²	New York ³	Minneapolis ⁴
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1939.....	10.1	9.6	35.46	31.78	1944.....	15.1	14.3	49.00	45.50
1940.....	9.5	8.6	25.35	27.04	1945.....	15.5	14.3	51.04	47.50
1941.....	12.1	11.1	34.24	37.42	1946.....	30.7	29.9	86.40	80.65
1942.....	14.2	13.3	42.91	42.43	1947.....	30.8	29.5	93.68	84.66
1943.....	15.2	14.4	49.00	45.33	1948.....	28.9	26.8	78.30	68.65

¹ Raw oil, drums, carlots; prior to May 1940 reported in barrels. ² Raw oil in tank cars.

³ Bagged, carlots, 34 percent protein; prior to January 1943 protein content varied from 30 to 34 percent.

⁴ Bagged, carlots, 32 to 34 percent protein; prior to October 1944 protein content varied from 34 to 37 percent.

⁵ Nonreturnable drums.

Bureau of Agricultural Economics. Compiled from reports of the Production and Marketing Administration, Minneapolis Daily Market Record, and the Oil, Paint, and Drug Reporter, New York City.

TABLE 174.—*Olive oil, edible: Estimated commercial production in specified countries, averages 1935-36 to 1939-40, and 1940-41 to 1944-45, annual 1945-46 to 1948-49*

Area and country	Averages		1945-46	1946-47	1947-48	1948-49 ¹
	1935-36 to 1939-40	1940-41 to 1944-45				
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Europe:						
France.....	9.5	6.7	5.5	4.4	5.5	2.2
Greece.....	106.3	91.9	107.0	91.3	159.8	51.5
Italy.....	236.4	210.4	110.0	165.0	284.0	107.7
Portugal.....	62.1	62.6	43.8	49.5	98.0	25.3
Spain.....	408.2	342.8	176.0	385.0	579.0	107.5
Others.....	4.5	2.9	2.0	5.3	4.0	2.5
Middle East:						
Palestine.....	7.4	7.6	11.7	1.6	3.3	3.0
Syria.....			16.0	8.8	17.6	10.0
Lebanon.....	13.5	12.8	7.5	1.3	10.0	8.8
Turkey.....	31.8	31.5	35.2	35.2	69.4	22.4
Africa:						
Algeria.....	15.4	17.2	8.8	22.0	14.6	10.0
French Morocco.....	9.9	12.2	5.5	19.8	20.0	6.6
Tunisia.....	49.5	44.1	7.7	22.0	20.0	46.3
Libya.....	2.4	2.5	2.2	.8	1.0	1.7
Total.....	956.9	845.2	538.9	812.0	1,286.2	405.5

¹ Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, and other information.

TABLE 175.—*Peanuts: Acreage, yield, production, season average price per pound received by farmers, value, and foreign trade, United States, 1929-48*

Crop of—	Total planted acreage ¹	Acreage grown alone for all purposes	Acreage not picked and threshed ²	Peanuts picked and threshed ³					Foreign trade, year beginning July ⁴		
				Acreage harvested	Yield per acre	Production	Price	Farm value	Domestic exports	Imports	Net imports ⁵
				1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars
1929.....	2,064	1,627	802	1,262	711.7	898,197	3.73	33,533	3,679	15,437	9,844
1930.....	1,881	1,433	808	1,073	649.9	697,350	3.51	24,462	2,645	14,040	8,758
1931.....	2,299	1,773	859	1,440	733.2	1,055,815	1.62	17,144	3,345	2,304	2,715
1932.....	2,649	2,042	1,148	1,501	627.0	941,195	1.55	14,587	5,128	358	4,992
1933.....	2,350	1,717	1,133	1,217	673.5	819,620	2.85	23,328	1,103	7,600	5,033
1934.....	2,627	2,015	1,113	1,514	670.0	1,014,385	3.28	33,293	301	365	64
1935.....	2,546	1,972	1,049	1,497	770.1	1,152,795	3.14	36,181	284	315	31
1936.....	2,741	2,127	1,081	1,660	759.0	1,260,020	3.72	46,931	256	2,046	1,790
1937.....	2,542	1,967	1,004	1,538	801.5	1,232,755	3.30	40,630	741	3,480	2,739
1938.....	2,803	2,236	1,111	1,692	761.7	1,288,740	3.27	42,126	605	8,462	7,857
1939.....	3,106	2,563	1,198	1,908	636.0	1,213,110	3.40	41,224	601	8,661	8,060
1940.....	3,108	2,599	1,056	2,052	861.0	1,766,590	3.33	58,850	637	6,409	5,772
1941.....	2,945	2,451	1,045	1,900	776.0	1,475,205	4.66	68,746	6,071	2,834	3,237
1942.....	4,701	4,329	1,346	3,355	654.0	2,192,800	6.08	133,248	3,224	4,024	800
1943.....	5,150	4,775	1,622	3,528	617.0	2,176,420	7.12	155,025	20,625	1,860	18,765
1944.....	4,113	3,831	1,045	3,068	678.0	2,080,235	8.04	167,352	22,088	57,715	35,627
1945.....	4,100	3,844	940	3,160	646.0	2,042,325	8.27	168,878	62,767	34,639	28,128
1946.....	4,173	3,917	1,031	3,142	649.0	2,038,355	9.10	185,399	249,460	3	249,457
1947.....	4,366	4,112	986	3,380	646.0	2,182,895	10.1	220,360	530,670	21	530,649
1948 ¹⁰	4,146	3,920	835	3,311	706.0	2,338,470	10.5	245,958			

¹ Acres grown alone, plus one-half the interplanted acres. ² Mostly hogged.

³ For data on peanut vine hay, see table 374.

⁴ Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues; trade data are on the basis of "in the shell," converted at ratio of 1 to 1½; beginning 1945, at 1 to 1.55.

⁵ Re-exports taken into consideration in years 1929 to 1932 inclusive.

⁶ Net exports.

⁷ Imports for consumption beginning 1933.

⁸ Excludes 3,371,850 pounds "free for export."

⁹ Beginning January 1947 includes exports under the Army Civilian Supply program.

¹⁰ Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1942, table 239.

TABLE 176.—Peanuts: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1937-46, annual 1947 and 1948

State and area	Total planted acreage ¹			Acreage not picked and threshed ²			Peanuts picked and threshed ⁴											
							Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Virginia.....	152	164	166	4	2	2	149	162	164	1,172	1,220	1,450	174,185	197,640	237,800	6.3	10.9	11.0
North Carolina.....	286	312	315	18	20	20	268	292	295	1,153	1,030	1,175	306,260	300,760	346,625	6.2	11.0	10.7
Tennessee.....	8	5	5				8	2	5	745	800	800	6,185	4,000	4,000	6.0	12.0	12.2
Total (Virginia-North Carolina area).....	447	481	486	22	22	22	425	459	464	1,150	1,095	1,268	486,630	502,400	588,425	5.33	11.0	10.8
South Carolina.....	36	30	30	8	4	4	28	26	26	619	550	700	16,705	14,300	18,200	6.6	11.0	11.0
Georgia.....	1,309	1,571	1,548	457	447	379	852	1,124	1,169	700	695	700	589,938	781,180	818,300	5.6	10.1	10.6
Florida.....	359	336	342	246	231	232	93	105	110	620	660	775	57,430	69,300	85,250	5.2	9.4	9.7
Alabama.....	610	619	550	205	156	101	405	463	449	674	630	790	271,438	291,690	354,710	5.2	9.5	10.2
Mississippi.....	38	21	21	12	6	6	26	15	15	384	325	400	9,809	4,875	6,000	6.4	12.5	13.6
Total (Southeastern area).....	2,331	2,577	2,491	928	844	722	1,403	1,733	1,769	680	670	725	945,320	1,161,345	1,282,460	5.52	9.93	10.4
Arkansas.....	52	17	13	31	9	5	21	8	8	368	350	450	7,507	2,800	3,600	6.0	11.2	10.9
Louisiana.....	30	12	10	19	7	7	11	5	3	346	300	335	3,812	1,500	1,005	6.7	12.9	14.0
Oklahoma.....	170	346	318	35	21	12	136	325	306	474	450	500	62,414	146,250	153,000	5.5	9.6	10.5
Texas.....	639	919	819	106	83	67	533	836	752	456	425	400	239,416	355,300	300,800	5.2	9.6	10.2
New Mexico.....	⁵ 7	14	9				⁵ 7	14	9	⁵ 1,031	950	1,020	⁵ 7,006	13,300	9,180	⁵ 6.2	9.7	10.2
Total (Southwestern area).....	896	1,308	1,169	190	120	91	706	1,188	1,078	457	437	434	318,754	519,150	467,585	5.28	9.62	10.3
United States.....	3,674	4,366	4,146	1,140	986	835	2,534	3,380	3,311	708	646	706	1,750,704	2,182,895	2,338,470	5.66	10.1	10.5

¹ Acres grown alone, plus one-half the interplanted acres. Total production may be approximated by multiplying total acreage (each State) by yield per acre of peanuts picked and threshed.

² Preliminary.

³ Mostly hogged.

⁴ For data on peanut-vine hay, see table 374.

⁵ Short-time average.

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TABLE 177.—Peanuts:¹ Acreage and production in specified countries, year of harvest, average 1935-39, annual 1944-48

Continent and country	Acreage ²					Production						
	Average 1935-39	1944	1945	1946	1947	1948 ³	Average 1935-39	1944	1945	1946	1947	1948 ³
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
North America:												
Mexico.....	33	108	71	73	-----	-----	12.2	42.6	32.8	36.7	49.6	99.2
United States.....	1,659	3,068	3,160	3,142	3,380	3,214	614.7	1,040.4	1,021.1	1,019.2	1,091.4	1,134.1
Cuba.....	67	118	75	86	67	-----	4 8.4	25.0	23.5	29.0	23.5	11.2
Dominican Republic.....	30	44	29	43	41	-----	4 3.8	4.6	10.0	8.9	9.0	10.2
Total ⁵	1,800	3,300	3,400	3,330	3,630	3,530	640.0	1,116.0	1,092.0	1,099.0	1,180.0	1,261.0
Europe:												
Bulgaria ⁶	5	2	3	4	4	-----	2.2	.6	.5	1.3	1.3	-----
Italy.....	4 2	6	7	7	11	10	4 1.6	3.9	4.9	4.4	7.9	7.2
Spain.....	7 24	15	15	16	-----	-----	7 23.3	11.0	10.4	12.1	-----	-----
Total (excl. U.S.S.R.) ⁵	35	25	30	30	40	40	28.0	16.0	16.0	18.0	26.0	25.0
U.S.S.R. (Europe and Asia).....	4 29	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Asia:												
Turkey.....	7 3	5	4	4	-----	6	4 1.9	2.5	1.8	1.9	-----	3.9
Burma.....	784	-----	559	572	688	696	192.2	-----	126.6	110.2	171.4	171.4
China ⁸	4 3,639	3,203	3,214	3,944	3,913	3,881	4 2,913.4	2,398.2	2,342.6	3,039.4	2,916.8	3,160.4
Manchuria.....	-----	-----	-----	-----	-----	-----	4 9 121.6	-----	-----	-----	-----	-----
French India.....	4 7	7	7	-----	-----	-----	4 5.6	6.1	6.1	-----	-----	-----
French Indochina.....	42	98	-----	-----	-----	-----	16.0	23.0	-----	-----	-----	-----
India.....	7,535	10,574	10,273	10,267	10,079	9,078	3,295.7	4,318.7	3,881.9	4,018.6	3,820.3	3,441.8
Japan.....	4 19	-----	-----	-----	13	14	14.6	-----	19.8	19.8	5.3	8.8
Formosa.....	4 77	-----	-----	-----	-----	-----	57.7	23.9	22.7	-----	-----	-----
Kwantung Leased Territory.....	4 101	-----	-----	-----	-----	-----	4 91.1	-----	-----	-----	-----	-----
Indonesia ¹⁰	572	432	221	326	464	-----	289.1	179.1	92.4	116.6	215.5	272.8
Philippine Islands.....	18	-----	-----	-----	-----	-----	4.7	-----	-----	-----	-----	-----
Total (excl. U.S.S.R.) ⁵	13,200	15,500	14,800	15,600	15,650	14,650	7,040.0	7,304.0	6,689.0	7,531.0	7,359.0	7,286.0
South America:												
Argentina.....	4 207	359	351	381	294	304	87.3	219.2	174.4	153.3	117.8	132.3
Brazil.....	-----	77	100	84	-----	-----	7 14.8	35.2	31.5	34.5	45.2	233.2
Paraguay.....	4 29	-----	14	-----	-----	-----	4 19.4	4.4	4.8	5.0	1.7	1.1
Uruguay.....	5	12	15	15	21	44	1.2	3.9	5.4	4.8	4.8	13.4
Total ⁵	400	500	550	550	500	950	129.0	268.5	223.5	205.0	177.0	387.0

See footnotes at end of table.

TABLE 177.—*Peanuts:*¹ *Acreage and production in specified countries, year of harvest, average 1935-39, annual 1944-48—Continued*

Continent and country	Acreage ²						Production					
	Average 1935-39	1944	1945	1946	1947	1948 ³	Average 1935-39	1944	1945	1946	1947	1948 ³
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Africa:												
Anglo-Egyptian Sudan.....	43	55	-----	-----	-----	-----	8.1	11.5	.9	1.7	6.7	8.6
Belgian Congo.....	⁷ 245	-----	-----	534	546	570	⁷ 65.1	-----	-----	-----	-----	-----
Tanganyika.....	⁴ 277	-----	-----	-----	-----	-----	⁹ 23.4	8.4	7.8	4.7	16.5	9.9
Gambia.....	-----	-----	-----	-----	-----	-----	⁹ 58.1	-----	-----	63.2	78.4	-----
Egypt.....	23	27	25	25	26	24	17.2	22.0	20.7	16.9	20.6	19.9
French Equatorial Africa and Cameroun.....	⁴ 388	-----	-----	-----	-----	-----	⁷ 58.8	-----	-----	-----	-----	-----
French West Africa.....	⁴ 2,955	-----	-----	-----	-----	-----	⁴ 875.9	351.3	506.0	559.4	780.0	780.0
Madagascar.....	14	27	31	30	25	-----	6.6	7.7	8.8	8.8	8.0	-----
Mozambique.....	-----	-----	-----	-----	-----	-----	⁹ 42.9	⁹ 12.5	⁹ 33.3	⁹ 26.4	24.2	-----
Nigeria and Camerouns.....	-----	-----	2,500	2,500	2,500	2,675	⁹ 354.7	400.0	616.0	616.0	560.0	616.0
Angola.....	18	-----	-----	21	21	-----	6.2	7.6	8.4	1.1	1.7	-----
Portuguese Guinea ⁹	-----	-----	-----	-----	-----	-----	28.0	22.2	40.1	-----	42.8	-----
Southern Rhodesia Union of South Africa ¹¹	6	7	7	13	8	8	1.6	2.4	2.6	4.4	2.5	2.4
Total ⁵	6,120	4,500	6,500	6,500	7,500	7,500	1,692.0	1,206.0	1,576.0	1,691.0	1,967.0	2,070.0
Oceania:												
Australia.....	⁴ 14	18	19	25	40	35	⁴ 6.1	10.8	11.5	14.9	22.4	17.8
Total Oceania ⁵	15	20	20	30	45	40	6.5	11.0	12.0	15.5	24.0	18.5
World total... ..	21,600	23,900	25,400	26,100	27,500	26,800	9,550.0	9,931.0	9,623.0	10,575.0	10,750.0	11,065.0

¹ Peanuts in the shell. Southern Hemisphere peanut crops, which are harvested from April to June, are combined with those of the Northern Hemisphere harvested from September through December of the same year.

² Figures refer to harvested areas as far as possible.

³ Preliminary.

⁴ Average of less than 5 years.

⁵ Includes estimates for the above countries for which data are not available and for minor producing countries.

⁶ Beginning with 1944, figures include Southern Dobrudja.

⁷ One year only.

⁸ Partly estimated prior to 1946.

⁹ Export figures.

¹⁰ Java and Madura.

¹¹ Production on European holdings only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, and other information.

TABLE 178.—Peanuts: Production and farm disposition, United States, 1939-48

Crop—	Production, picked and threshed	Total used for seed	Farm disposition			Sold ¹
			Used on farms where grown			
			For seed	Fed and lost	Household use	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	1,213,110	145,608	89,535	20,185	44,800	1,058,590
1940.....	1,766,590	150,554	104,624	20,735	38,525	1,602,706
1941.....	1,475,205	266,449	132,131	17,087	33,323	1,292,964
1942.....	² 2,192,870	287,920	177,765	30,275	41,925	1,942,905
1943.....	² 2,176,500	239,503	150,555	14,962	40,844	1,970,139
1944.....	2,080,825	240,097	152,828	23,792	34,110	1,870,095
1945.....	2,042,235	232,101	147,478	22,615	32,090	1,840,052
1946.....	2,038,355	245,200	154,435	25,985	33,892	1,824,043
1947.....	2,182,895	277,660	129,880	26,776	31,329	1,994,810
1948 ³	2,338,470			24,735	30,600	

¹ Farm sales weight basis and includes seed sold. ² Unrevised; see also table 175.

³ Preliminary.

Bureau of Agricultural Economics. Data for 1909-38 in Agricultural Statistics 1942, table 239.

TABLE 179.—Farmers' stock peanuts crushed, shelled oil stock reported used, and production, disappearance, and foreign trade in crude peanut oil and meal, United States, 1938-47

Year beginning September—	Farmers' stock peanuts crushed	Shelled oil stock reported used	Production		Disappearance ¹		Foreign trade, year beginning September ²		
			Crude peanut oil	Peanut cake and meal	Crude peanut oil	Peanut cake and meal	Peanut oil		Peanut cake and meal, imports
							Imports	Exports	
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	260,855	25,882	85,135	130,110	84,905	131,118	13,509	³ 5	20,562
1939.....	72,666	31,735	32,483	59,131	31,619	55,620	3,320	3,118	19,859
1940.....	557,855	29,549	173,943	267,770	177,386	259,053	2,341	⁴ 5,440	15,754
1941.....	220,217	27,160	76,548	114,382	74,485	126,439	3,309	3,922	13,845
1942.....	390,690	39,575	130,558	200,810	129,662	207,429	45	860	8,285
1943.....	408,186	46,584	135,094	216,367	135,150	215,291	7	172	7,498
1944.....	119,494	⁵ 203,812	113,216	187,642	115,334	191,630	0	148	5,187
1945.....	90,204	⁵ 185,362	99,575	161,640	97,464	161,140	64	499	5,988
1946.....	263,280	⁵ 162,966	139,161	228,791	140,766	228,815	107	1,274	3,098
1947.....	274,256	⁵ 110,919	126,102	212,342	127,546	212,167	71	1,550	6,294

¹ Disappearance at producing mills only.

² Foreign trade data from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce.

³ Jan.-Aug. 1939.

⁴ Beginning July 1, 1941, exports reported as peanut oil, edible, and peanut oil, crude; in this tabulation they are added without converting.

⁵ Includes edible grade shelled peanuts diverted to crushing.

Bureau of Agricultural Economics.

TABLE 180.—Peanuts and products: Stocks on hand in commercial positions, United States, Sept. 1, 1939-48

Sept. 1	Farmers' stock peanuts	Shelled edible peanuts	Cleaned peanuts (in shell)	Shelled oil stock	Crude peanut oil ¹	Peanut cake and meal ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	26,607	32,807	8,598	1,448	3,794	11,084
1940.....	75,392	61,532	8,923	2,448	4,658	14,595
1941.....	48,467	87,423	12,615	1,289	1,215	23,312
1942.....	30,942	51,073	6,478	1,475	3,663	11,255
1943.....	58,063	98,275	10,894	2,162	4,559	4,636
1944.....	55,259	105,332	15,157	12,246	4,493	5,712
1945.....	39,671	94,366	12,526	14,731	2,375	1,724
1946.....	35,539	150,541	19,551	7,178	4,486	2,224
1947.....	29,448	101,989	7,577	10,178	2,881	2,003
1948.....	38,599	79,736	10,387	7,941	1,437	2,178

¹ Holdings at producing mills only. Bureau of Agricultural Economics.

TABLE 181.—*Farmers' stock peanuts cleaned and shelled: Production, disappearance, and foreign trade of items from cleaning and shelling operations, United States, 1938-47*

Year beginning September—	Farmers' stock peanuts cleaned and shelled	Outturn from cleaning and shelling operations			Disappearance ²			Foreign trade ³	
		Cleaned goods (in shell)	Shelled goods ¹		Cleaned goods (in shell)	Shelled goods		Shelled goods	
			Edible grade	Oil stock		Edible grade	Oil stock	Im-ports	Ex-ports
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1938.....	795,163	70,298	445,667	28,663	70,399	474,983	28,683	6,079	623
1939.....	876,436	67,056	514,507	34,581	66,731	485,782	33,581	5,684	609
1940.....	991,363	75,137	584,385	33,482	71,445	558,494	34,641	3,280	652
1941.....	909,611	61,302	543,441	29,338	67,439	578,791	29,152	907	6,091
1942.....	1,358,594	63,360	843,293	44,233	58,944	796,091	43,546	2,504	3,269
1943.....	1,371,535	83,191	799,118	64,142	78,928	792,061	54,058	-----	22,396
1944.....	1,573,636	102,492	833,554	183,957	105,123	844,520	214,414	58,986	17,310
1945.....	1,600,230	92,177	869,431	185,652	85,152	813,256	193,205	-----	39,950
1946.....	1,388,437	71,126	718,416	184,412	83,100	766,967	181,412	-----	159,105
1947.....	1,514,924	80,400	747,006	253,093	77,590	769,257	255,330	11	329,914

¹ Edible grades crushed included in oil stock.

² These figures take into account the stocks at beginning and ending of the year, as shown in table 180.

³ Foreign trade data from reports of the Department of Commerce.

Bureau of Agricultural Economics.

TABLE 182.—*Peanuts (farmers' stock): Average price per pound to growers, f. o. b. country-shipping-point basis, 1938-47*

Crop year ¹	Virginia-type (Va.-N. C.) ²	South-eastern Runner	South-eastern Spanish	South-western Spanish	Crop year ¹	Virginia-type (Va.-N. C.) ²	South-eastern Runner	South-eastern Spanish	South-western Spanish
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1938.....	3½	2.5	3.0	2.9	1943.....	7.6	6.8	7.4	6.8
1939.....	3½	2.5	3.1	3.2	1944.....	8.7	7.6	8.4	8.2
1940.....	4½	2.9	3.4	3.1	1945.....	8.0	7.8	8.6	8.3
1941.....	6¼	5.1	6.0	4.5	1946.....	10.4	8.4	9.4	8.4
1942.....	8.2	7.2	8.0	7.4	1947.....	10.9	9.6	10.5	9.9

¹ Crop year begins about Nov. 1 in the Virginia-North Carolina section; in September in the Southeastern States, and in August in the Southwestern States.

² Prices for 1938-42 are for bunch. Prices for 1943-47 are based on percentage of sound mature kernels, damage, foreign material and other factors listed in CCC support schedule of prices.

Production and Marketing Administration.

TABLE 183.—*Peanut oil and meal: Average price at specified markets, 1939-48*

Year beginning October—	Oil, per pound		Meal, per ton ³	Year beginning October—	Oil, per pound		Meal, per ton ³
	Crude, f.o.b. south-eastern milling points ¹	Refined edible, New York ²	F.o.b. southeast-ern milling points		Crude, f.o.b. south-eastern milling points ¹	Refined edible, New York ²	F.o.b. southeast-ern milling points
	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>		<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>
1939.....	6.2	9.4	29.36	1944.....	13.0	16.5	53.08
1940.....	7.8	10.6	25.55	1945.....	13.0	16.5	61.10
1941.....	12.7	16.6	40.57	1946.....	25.9	33.2	74.10
1942.....	13.0	16.6	40.57	1947.....	27.4	35.2	83.20
1943.....	13.0	16.4	53.00	1948.....	15.9	22.3	65.50

¹ Quoted in tanks.

² Quoted in barrels through April 1943; beginning May 1943 in drums.

³ 45 percent protein.

Bureau of Agricultural Economics. Compiled from reports of the Production and Marketing Administration, the New York Journal of Commerce, and the Oil, Paint, and Drug Reporter, New York City.

TABLE 184.—*Peanuts: Average price per pound of cleaned and shelled peanuts for prompt shipment, f. o. b. important shipping points, 1938-47, by approximate crop years*¹

VIRGINIA-NORTH CAROLINA SECTION: VIRGINIA AND NORTH CAROLINA										
Classification	1938	1939	1940	1941	1942 ²	1943 ²	1944 ²	1945 ²	1946 ²	1947
Cleaned Virginia:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Jumbos.....	7½	6¾	6.8	9¼	14½	15¼	16¼	16¼	19½	19¼
Fancys.....	5½	5½	6½	8½	14¼	15	15.1	15½	17½	15½
Shelled Virginia:										
Extra large.....	7½	8.10	8.9	12¾	16½	16¼	16¼	16¾	22¼	20¾
No. 1.....	6	5½	6½	12¼	14¾	14¾	14½	14¾	17¼	17½
No. 2.....	5¼	5	5½	10½	13½	14.1	(³)	(³)	14½	(⁴)
SOUTHEASTERN SECTION: GEORGIA, ALABAMA, AND FLORIDA										
Shelled:										
Spanish, No. 1.....	5½	5½	5½	10½	13.7	14.2	14¼	14½	15½	16½
Spanish, No. 2.....	4½	5.10	5.3	9½	13.2	13.6	(³)	(³)	(⁴)	(⁴)
Runner, No. 1.....	5	5½	5½	10	13.3	13.9	14	14	15½	16½
Runner, No. 2.....	4¾	5	5.2	9½	12.8	13.2	(³)	(³)	(⁴)	(⁴)
SOUTHWESTERN SECTION: TEXAS AND OKLAHOMA										
Shelled:										
Spanish, No. 1.....	5½	6	5.7	9½	13.9	14½	14½	14½	15½	16½
Spanish, No. 2.....	5½	5½	5½	8½	13.1	14.2	(³)	(³)	13½	(⁴)

¹ Crop year begins about Nov. 1 in the Virginia-North Carolina section; in September in the Southeastern States, and in August in the Southwestern States.

² The Office of Price Administration on Feb. 27, 1943, established per-pound ceiling prices as follows: Virginia-North Carolina Jumbos and Fancys, 15¼ cents; shelled Virginia extra large and mediums, 16¼ cents; No. 1's, 14½ cents; Southeastern shelled No. 1 Spanish, 14¼ cents; Runners, 14 cents; Southwestern shelled Spanish No. 1's, 14½ cents. Price ceilings were suspended July 1-26, 1946, and lifted entirely on Sept. 1, 1946.

³ Under peanut program all No. 2s from 1944 and 1945 crops were crushed. CCC offered to purchase unworked No. 2s at following prices per lb.: Spanish east of Mississippi River 12.4¢; west of Mississippi River 12.65¢; Runners 12.15¢; Virginias 12.9¢; or to pay subsidy for No. 2s sold to crushers as follows, per lb.: Spanish east of Mississippi River 6.75¢; west of Mississippi River 7.04¢; Runners 6.5¢; and Virginias 7.5¢.

⁴ Under peanut program most No. 2s from 1947 crop were crushed into oil. CCC paid the following prices for unworked No. 2s per lb.: Virginias 15¼¢; Runners 14½¢; Spanish 14¼¢.

Production and Marketing Administration.

TABLE 185.—*Soybeans for beans: Production and farm disposition, United States, 1939-48*

Crop of—	Production	Used for seed		Fed to live-stock	Sold	Crop of—	Production	Used for seed		Fed to live-stock	Sold
		Total	On farms where grown					Total	On farms where grown		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939.....	90, 141	15, 974	8, 677	5, 365	76, 099	1944.....	191, 958	18, 985	11, 505	3, 593	176, 855
1940.....	78, 045	15, 141	7, 968	4, 999	65, 078	1945.....	192, 076	16, 473	9, 673	3, 724	178, 679
1941.....	107, 197	20, 385	9, 860	3, 925	93, 412	1946.....	201, 276	17, 137	11, 048	2, 516	187, 711
1942.....	187, 524	20, 980	10, 224	6, 016	171, 284	1947.....	183, 553	15, 665	10, 193	2, 315	171, 050
1943.....	190, 133	19, 578	12, 223	5, 496	172, 414	1948 ¹	220, 201	15, 006	9, 752	3, 190	207, 259

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 186.—Soybeans: Acreage, yield, production, season average price per bushel received by farmers, value, and foreign trade, United States, 1929-48

Year	Total planted acreage ¹	Acreage grown alone for all purposes	Acreage grazed, plowed under, etc. ²	Soybeans for beans ²						
				Acreage harvested	Yield per acre	Production	Price	Farm value	Foreign trade, year beginning July	
									Domestic exports	Imports
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels
1929		<i>1,962</i>				<i>8,661</i>				
1929	2,807	2,429	325	708	13.3	9,438	1.88	17,736		75
1930	3,473	3,072	337	1,074	13.0	13,929	1.37	19,058		50
1931	4,304	3,835	391	1,141	15.1	17,260	.50	8,589	³ 1,853	54
1932	4,165	3,704	426	1,001	15.1	15,158	.54	8,213	³ 2,758	20
1933	3,957	3,537	407	1,044	12.9	13,509	.94	12,698		6
1934		<i>5,692</i>				<i>23,016</i>				
1934	6,207	5,764	424	1,556	14.9	23,157	.99	23,014	³ 19	5
1935	7,503	6,966	544	2,915	16.8	48,901	.73	35,565	³ 3,153	4
1936	7,183	6,127	1,708	2,359	14.3	33,721	1.27	42,857	⁴ 1	17
1937	7,464	6,332	1,409	2,586	17.9	46,164	.85	39,091	1,332	3
1938	8,587	7,318	1,828	3,035	20.4	61,906	.67	41,645	3,571	2
1939		<i>8,965</i>				<i>37,591</i>				
1939	10,920	9,565	2,015	4,315	20.9	90,141	.81	73,049	11,833	2
1940	11,782	10,487	2,156	4,807	16.2	78,045	.90	70,224	85	1
1941	11,345	10,068	1,910	5,889	18.2	107,197	1.55	166,042	540	(⁵)
1942	14,912	13,696	2,397	9,894	19.0	187,524	⁶ 1.61	301,137	697	(⁵)
1943	15,428	14,191	1,854	10,397	18.3	190,133	⁶ 1.81	345,032	961	(⁵)
1944		<i>12,407</i>				<i>187,726</i>				
1944	14,050	13,118	1,235	10,232	18.8	191,958	⁶ 2.05	393,474	2,956	(⁵)
1945	13,777	13,007	1,177	10,661	18.0	192,076	2.08	399,698	5,042	4
1946	12,427	11,662	1,088	9,806	20.5	201,275	2.57	516,355	⁷ 3,842	(⁵)
1947	13,709	12,956	1,164	11,212	16.4	183,558	3.34	612,290	2,985	(⁵)
1948 ⁸	12,428	11,733	946	10,311	21.4	220,201	2.27	499,460		

¹ Acres grown alone, plus one-half the interplanted acres.

² For data on soybean hay, see table 374.

³ Inspections for export by Federal licensed inspectors; first reported in October 1931.

⁴ Not separately classified by Department of Commerce prior to Jan. 1, 1937.

⁵ Less than 500 bushels.

⁶ Includes an allowance for unredeemed loans at average loan value.

⁷ Includes exports under the Army Civilian Supply program, beginning January 1947.

⁸ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Most of the foreign trade data from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 247.

TABLE 187.—Soybeans: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State	Total planted acreage ¹			Acreage grazed, plowed under, etc. ³			Soybeans for beans ³											
							Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46 ⁴	1947	1948 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>1,000 bu.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	16	7	6	2	1	1	10	5	5	14.9	15.0	16.0	154	75	80	1.70	3.04	2.30
New Jersey.....	33	25	22	6	6	3	10	10	11	15.3	17.0	16.5	144	170	182	1.77	3.18	2.30
Pennsylvania.....	81	50	46	13	9	9	21	17	16	15.4	16.0	16.0	315	272	256	1.65	2.98	2.35
Ohio.....	993	1,000	940	50	8	8	766	950	908	19.4	18.5	20.5	14,843	17,575	18,614	1.48	3.38	2.30
Indiana.....	1,426	1,625	1,544	73	16	8	1,012	1,503	1,451	18.0	18.5	21.5	18,486	27,806	31,196	1.48	3.33	2.25
Illinois.....	3,244	3,806	3,425	122	26	27	2,624	3,636	3,271	21.4	18.0	24.0	55,996	65,448	78,504	1.46	3.39	2.30
Michigan.....	140	90	70	5	2	2	85	76	65	16.0	17.0	17.5	1,358	1,292	1,138	1.51	3.29	2.20
Wisconsin.....	137	50	40	17	5	5	32	26	15	14.5	13.0	13.0	449	338	195	1.59	3.34	2.20
Minnesota.....	315	992	863	26	42	6	202	920	844	14.9	15.0	18.5	3,086	13,800	15,614	1.51	3.34	2.20
Iowa.....	1,540	1,957	1,605	47	53	8	1,180	1,884	1,541	19.8	15.5	23.0	23,406	29,202	35,443	1.49	3.39	2.25
Missouri.....	643	959	864	90	67	35	357	825	795	14.2	12.0	20.0	5,608	9,900	15,900	1.58	3.20	2.25
North Dakota.....	8	8	9	1	1	1	5	6	7	10.8	10.0	13.0	59	60	91	2.06	3.32	2.15
South Dakota.....	13	55	33	2	3	1	11	50	31	13.9	11.5	18.0	156	575	558	1.79	3.25	2.15
Nebraska.....	28	35	26	4	2	2	22	32	23	14.5	14.5	22.0	323	464	506	1.59	3.36	2.25
Kansas.....	156	241	188	17	11	16	117	222	167	10.6	8.5	15.0	1,285	1,887	2,505	1.56	3.18	2.25
Delaware.....	55	60	60	7	6	7	30	42	41	13.0	13.0	12.5	388	546	512	1.48	2.74	2.10
Maryland.....	76	70	65	11	8	6	25	34	33	13.5	13.0	15.5	340	442	512	1.52	2.85	2.10
Virginia.....	196	202	190	52	67	55	63	95	106	14.3	15.0	16.5	902	1,425	1,749	1.57	3.03	2.20
West Virginia.....	44	19	14	5	2	2	1	1	1	12.6	14.0	13.5	14	14	14	1.96	3.11	2.50
North Carolina.....	564	494	488	172	117	87	203	233	264	11.5	15.0	13.5	2,333	3,495	3,564	1.56	3.00	2.20
South Carolina.....	79	80	98	39	41	46	11	17	22	7.2	10.0	10.0	84	170	220	2.60	4.15	3.35
Georgia.....	133	82	89	51	36	41	12	14	15	6.4	7.0	7.5	75	98	112	3.01	4.46	3.80
Kentucky.....	188	183	208	27	15	14	50	100	121	14.0	17.5	19.0	729	1,750	2,299	1.56	3.18	2.30
Tennessee.....	328	310	320	158	150	154	35	60	67	11.5	15.5	20.0	447	930	1,340	1.80	3.11	2.30
Alabama.....	294	197	183	54	32	24	20	41	51	8.9	18.0	19.0	200	738	969	2.58	3.15	2.50
Mississippi.....	496	315	323	197	90	87	72	95	133	11.3	14.0	18.0	885	1,330	2,394	1.96	3.15	2.20
Arkansas.....	452	464	384	159	93	54	158	283	264	14.0	12.0	19.5	2,296	3,396	5,148	1.66	2.99	2.15
Louisiana.....	352	306	303	261	244	229	25	24	35	12.6	12.5	14.0	314	300	490	2.06	3.33	2.70
Oklahoma.....	22	21	17	9	3	5	5	11	8	7.1	5.5	12.0	34	60	96	1.83	3.29	2.40
Texas.....	26	6	5	10	4	3												
United States.....	12,069	13,709	12,428	1,707	1,164	946	7,162	11,212	10,311	18.8	16.4	21.4	134,642	183,558	220,201	1.49	3.34	2.27

¹ Acres grown alone, plus one-half the interplanted acres.² Preliminary.³ For data on soybean hay, see table 374.⁴ For certain years, prices include an allowance for unredeemed loans at average loan value.⁵ Short-time average.

Bureau of Agricultural Economics.

TABLE 188.—Soybeans: Acreage, yield per acre, and production in specified countries, year of harvest, average 1935–39, annual 1945–48

Continent and country	Acreage					Yield per acre					Production				
	Average 1935-39	1945	1946	1947	1948 ¹	Average 1935-39	1945	1946	1947	1948 ¹	Average 1935-39	1945	1946	1947	1948 ¹
North America:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	Bu.	Bu.	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada	² 10	46	59	61	94	20.7	18.3	18.1	18.2	19.4	² 207	844	1,072	1,110	1,824
United States ³	3,042	10,661	9,806	11,212	10,311	18.5	18.0	20.5	16.4	21.4	56,167	192,076	201,275	183,558	220,201
Europe:															
Bulgaria	34	17	45	70		12.1	3.3	8.2	3.4		416	55	234	240	
Hungary	⁴ 7	6	5	8	6	16.9	8.6	10.4	10.1	15.1	⁴ 125	48	56	81	90
Italy	(⁵)	2	2	7	5	12.1	15.4	15.8	20.9	21.9	² 1	32	27	150	107
Rumania	² 49					9.5					² 463				
U.S.S.R. (Europe and Asia)	⁴ 607										⁴ 5,805				
Asia:															
Turkey	⁴ 1	2		5	5	29.0	9.0		10.8	14.9	⁴ 37	18	16	55	68
China proper (22 provinces)	⁶ 12,411	⁶ 9,967	11,599	11,641	11,309	16.7	16.4	17.0	17.3	18.6	⁶ 207,666	⁶ 163,287	196,610	201,322	210,820
Manchuria	8,992	8,167	7,187	6,662		16.8	15.6	17.1	17.9		151,294	127,749	122,639	119,059	
Japan	² 812	684	573	607	598	15.4	9.6	13.3	11.8	14.6	12,499	6,561	7,632	7,161	8,760
Formosa	² 17					8.9					² 151				
Korea ⁷	² 1,921	654	619	633	824	10.0	7.6	8.6	8.0	11.7	17,654	4,971	5,313	5,038	9,649
Indonesia ⁸	889	321	583	700	900	10.9	7.0	7.6	9.6	8.6	9,731	2,247	4,406	6,719	7,716
Africa:															
Tanganyika												15	15	27	97
Union of South Africa			9					6.6					56	93	
World total ⁹	29,100	32,100	32,100	33,400	32,600						464,300	509,500	551,300	538,100	592,600

¹ Preliminary. ² Average of less than 5 years. ³ Acreage harvested for beans. ⁴ One year only. ⁵ Less than 500 acres. ⁶ Partly estimated. ⁷ Beginning with 1945 figures represent South Korea only. ⁸ Java and Madura. ⁹ Includes estimates for the above countries for which data are not available and for minor producing countries.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, or other information. Prewar estimates for countries having changed boundaries have been adjusted to conform to present boundaries, except as noted.

TABLE 189.—*Soybeans for beans: Production and farm disposition, by States, crops of 1947 and 1948*

State	Crop of 1947					Crop of 1948 ¹				
	Pro-duction	Used for seed		Fed to live-stock	Sold	Pro-duction	Used for seed		Fed to live-stock	Sold
		Total	On farms where grown				Total	On farms where grown		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
New York.....	75	8	2	45	28	80	8	2	48	30
New Jersey.....	170	40	17	27	126	182	47	19	29	154
Pennsylvania.....	272	83	33	76	163	256	79	32	79	145
Ohio.....	17,575	1,598	1,166	264	16,145	18,614	1,503	1,127	279	17,208
Indiana.....	27,906	2,316	1,737	334	25,735	31,196	2,176	1,632	468	29,096
Illinois.....	65,448	4,452	3,428	262	61,758	78,504	4,408	3,306	393	74,805
Michigan.....	1,292	112	80	78	1,134	1,138	96	67	68	1,063
Wisconsin.....	338	52	17	74	247	195	52	18	41	136
Minnesota.....	13,800	1,036	580	69	13,151	15,614	942	618	156	14,940
Iowa.....	29,202	1,926	1,156	380	27,666	35,443	1,753	1,052	496	33,895
Missouri.....	9,900	864	553	173	9,174	15,900	864	562	318	15,022
North Dakota.....	60	10	5	7	48	91	11	6	11	76
South Dakota.....	375	36	20	11	544	658	36	20	10	527
Nebraska.....	464	31	19	5	440	506	28	17	10	479
Kansas.....	1,887	150	112	40	1,735	2,505	173	121	38	2,346
Delaware.....	546	114	73	31	442	512	107	70	31	411
Maryland.....	442	110	60	74	308	512	102	56	61	395
Virginia.....	1,425	247	136	26	1,263	1,749	247	136	105	1,508
West Virginia.....	14	24	2	4	8	14	20	2	4	8
North Carolina.....	3,495	586	293	105	3,097	3,564	539	270	143	3,151
South Carolina.....	170	78	39	17	114	220	78	39	24	174
Georgia.....	98	71	36	5	57	112	63	32	6	74
Kentucky.....	1,750	312	172	30	1,548	2,209	280	154	34	2,111
Tennessee.....	930	288	101	19	810	1,340	302	121	13	1,206
Alabama.....	738	165	25	7	706	969	148	22	10	937
Mississippi.....	1,330	388	167	73	1,090	2,394	388	175	192	2,027
Arkansas.....	3,396	346	131	34	3,231	5,148	363	145	46	4,957
Louisiana.....	300	212	30	42	228	490	181	27	74	389
Oklahoma.....	60	8	3	3	54	96	10	4	4	88
Texas.....		2					2			
United States	183,558	15,665	10,193	2,315	171,050	220,201	15,006	9,752	3,190	207,259

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 190.—*Soybeans: Stocks on and off farms, United States, 1942-49*

Year	On farms				Off farms ¹			
	Jan. 1	Apr. 1	July 1	Oct. 1 ²	Jan. 1	Apr. 1	July 1	Oct. 1 ²
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1942.....			8,447	3,100			15,155	2,909
1943.....	88,246	54,399	13,733	4,555	81,407	61,956	33,642	7,982
1944.....	56,211	39,080	10,606	4,612	109,596	69,484	37,188	9,541
1945.....	42,330	27,773	7,598	2,928	115,814	81,888	38,776	4,810
1946.....	43,267	29,872	6,802	2,118	110,650	68,077	30,306	2,208
1947.....	37,374	25,475	6,389	2,236	117,459	75,202	33,651	3,125
1948.....	51,679	33,110	4,311	1,838	90,274	55,315	27,524	726
1949 ³	74,590	51,644	9,416		107,108	62,743		

¹ Includes stocks in interior mills, elevators, and warehouses, processing plants, commercial stocks at terminals, and stocks owned by Commodity Credit Corporation in steel and wooden bins.² Includes old crop only.³ Preliminary.

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TABLE 191.—Soybeans: Supply and distribution, United States, 1942-48

Year beginning October—	Stocks, Oct. 1 ¹						Production	Total supply
	On farms	Interior mills and elevators	CCC bins	Crushing plants	Terminal markets	Total stocks		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		
1942.....	3,100	928	0	1,120	861	6,009	187,524	193,533
1943.....	4,555	668	1,819	4,763	732	12,537	190,133	202,670
1944.....	4,612	1,128	1,876	5,214	1,323	14,153	191,958	206,111
1945.....	2,928	447	0	3,548	815	7,738	192,076	199,814
1946.....	2,118	268	0	1,783	157	4,326	201,275	205,601
1947.....	2,236	244	0	2,813	68	5,361	183,558	188,919
1948.....	1,838	128	0	468	130	2,564	220,201	222,765

Year beginning October—	DISTRIBUTION						
	Used for seed	Crushed for oil ²	Used for flour ³		Feed and residual	Net exports ⁵	Total disappear- ance
			Low fat ⁴	Full fat			
1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1942.....	20,980	133,453	4,645	1,875	23,784	904	180,996
1943.....	19,758	142,307	4,470	1,605	23,913	934	188,517
1944.....	18,885	153,402	1,865	910	20,123	5,053	198,373
1945.....	16,473	159,459	8,278	1,061	15,683	2,812	195,488
1946.....	17,137	170,245	9,193	440	8,576	3,842	200,240
1947.....	15,665	161,374	17,119	162	6,211	2,943	186,355

¹ Data on stocks (except at crushing plants) not available prior to 1942.² Reported by the Bureau of the Census.³ Based on trade reports.⁴ Included in crushings, as reported by the Bureau of the Census.⁵ Imports negligible.

Production and Marketing Administration.

TABLE 192.—Soybeans: Receipts graded by licensed inspectors, by grades, United States, 1940-47

Year beginning October—	No. 1	No. 2	No. 3	No. 4	Sample	Total	Percentage grading No. 2 or better
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Percent
1940.....	555	20,646	22,650	4,182	1,461	49,494	43
1941.....	4,729	18,549	31,292	8,472	4,092	67,134	35
1942.....	12,952	21,488	18,877	14,523	43,043	110,883	31
1943.....	66,525	41,528	13,152	1,831	1,054	124,090	87
1944.....	72,217	47,164	12,754	2,955	1,523	136,613	88
1945.....	99,988	26,873	8,016	2,048	832	137,767	92
1946.....	36,344	57,478	31,101	8,286	1,612	134,821	70
1947.....	70,944	45,217	12,019	3,395	1,817	133,392	87

Production and Marketing Administration. The data which are originally in carloads have been converted to bushels on the basis of 1,500 bushels per car for the years 1940-43 and 1,650 bushels for the years 1944-47.

TABLE 193.—Soybeans crushed, and production, imports, and exports of soybean oil, cake and meal, United States, 1939-48

Year beginning October—	Soybeans crushed					Soybean oil, crude basis			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total ¹	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons	1,000 tons	1,000 tons
1939.....	17,002	16,564	12,782	10,336	56,684	533,417	5,040	18,158	1,349	12	62
1940.....	17,600	17,495	15,830	13,131	64,056	564,417	2,834	14,424	1,543	8	25
1941.....	19,238	20,500	18,499	18,894	77,131	706,678		20,585	1,845		20
1942.....	25,095	38,455	41,236	28,667	133,454	1,206,186	(²)	44,101	3,200		21
1943.....	30,357	43,274	36,834	31,842	142,306	1,219,453		58,757	3,446		16
1944.....	32,976	40,839	42,159	37,428	153,402	1,346,704		67,154	3,698		10
1945.....	37,788	47,264	40,374	34,033	159,460	1,414,712	(²)	73,928	3,837	(³)	1
1946.....	41,704	49,599	44,252	34,690	170,246	1,531,096	5	91,454	4,086		142
1947.....	41,466	46,205	40,114	33,589	161,374	1,532,676	306	115,119	3,833		96
1948 ⁴	46,677	49,381	46,660	40,844	183,562	1,805,949	363	300,002	4,328	3	150

¹ Not necessarily exactly equal to the sum of the quarters, as each quarterly and annual figure is computed directly from original data stated in tons.

² Less than 500 pounds.

³ Less than 500 tons.

⁴ Preliminary.

Bureau of Agricultural Economics. Crushings and production of oil from reports of the Bureau of the Census, Animal and Vegetable Fats and Oils. Production of soybean cake and meal computed by the Department of Agriculture. Trade figures from Monthly Summary of Foreign Commerce of the United States, and records of the Bureau of the Census.

TABLE 194.—Soybeans, soybean oil, and meal: Average price at specified markets, 1939-48

Year beginning October—	Soybeans, per bushel	Oil, domestic, per pound		Meal, per ton	Year beginning October—	Soybeans, per bushel	Oil, domestic, per pound		Meal, per ton
	No. 2 Yellow, Chicago ¹	Crude, tanks, mid-western mills	Edible, drums, New York	41 percent protein, bagged, Chicago		No. 2 Yellow, Chicago ¹	Crude, tanks, mid-western mills	Edible, drums, New York	41 percent protein, bagged, Chicago
	Dollars	Cents	Cents	Dollars		Dollars	Cents	Cents	Dollars
1939.....	0.96	4.95	7.51	28.90	1944.....	2.20	11.75	15.33	52.00
1940.....	1.06	7.04	9.90	30.49	1945.....	2.13	11.91	15.96	62.39
1941.....	1.68	11.22	14.64	41.87	1946.....	3.04	22.86	28.57	81.10
1942.....	1.72	11.75	14.82	42.80	1947.....	3.80	23.76	29.54	91.61
1943.....	1.90	11.75	15.07	51.91	1948.....	2.45	13.10	18.46	76.39

¹ Prices are weighted by carlot sales.

Bureau of Agricultural Economics. Compiled from Chicago Daily Trade Bulletin; Chicago Journal of Commerce; The National Provisioner; Oil, Paint and Drug Reporter; New York Journal of Commerce; and reports of Production and Marketing Administration. Data for earlier years available in 1930 Yearbook, table 299, and Agricultural Statistics, 1940, table 406. Imported oil prices for 1910-31 in 1935 Yearbook, table 280.

TABLE 195.—*Tung nuts: Production, season average price per ton received by growers, and value, 5 States; and tung oil, production and foreign trade, United States, 1939-48*

Year	Tung nuts ¹			Tung oil				
	Production	Price	Farm value	Production	Imports for consumption	Exports	Re-exports	Net imports or net exports(-)
	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	1,160	42.20	49	² 3,000	78,718	-----	5,911	72,807
1940.....	11,000	60.00	660	62	97,049	-----	4,481	92,568
1941.....	8,750	88.30	773	3,533	43,800	-----	3,102	40,698
1942.....	16,350	91.80	1,501	2,290	8,269	1,017	83	7,169
1943.....	6,200	99.00	614	5,310	68	1,567	30	-1,529
1944.....	26,680	102.00	2,730	2,558	1,771	1,481	86	204
1945.....	37,080	98.90	3,667	10,353	339	1,457	252	-1,370
1946.....	57,400	96.90	5,564	11,046	36,207	493	795	34,919
1947.....	53,200	64.90	3,452	12,680	121,564	2,143	5,094	114,327
1948 ³	67,200	54.70	3,677	16,749	133,282	3,368	7,556	122,358

¹ Data on tung nuts in Georgia, Florida, Alabama, Mississippi, and Louisiana.

² U. S. Department of Commerce, The Tung Oil Monthly, June 1940.

³ Preliminary.

Bureau of Agricultural Economics. Data on tung oil from reports of the Bureau of the Census.

TABLE 196.—*Tung nuts: Production, season average price per ton received by growers, and value, 5 principal States, 1942-48*

State	PRODUCTION ¹						
	1942	1943	1944	1945	1946	1947	1948 ²
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Georgia.....	950	200	800	1,100	1,800	900	1,200
Florida.....	3,700	700	7,000	8,400	15,000	11,000	17,000
Alabama.....	500	100	700	1,140	1,600	800	1,500
Mississippi.....	7,200	1,940	10,630	15,690	23,800	25,000	29,000
Louisiana ³	4,000	3,260	7,550	10,750	15,200	15,500	18,500
United States.....	16,350	6,200	26,680	37,080	57,400	53,200	67,200

SEASON AVERAGE PRICE

	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Georgia and Alabama ⁴	93.90	96.70	97.30	98.10	96.50	65.70	55.00
Florida.....	90.00	93.00	100.00	98.00	96.00	68.00	55.00
Mississippi.....	95.00	100.00	104.00	98.00	102.00	64.00	55.00
Louisiana.....	87.00	100.00	103.00	101.00	90.00	64.00	54.00
Average.....	91.80	99.00	102.00	98.90	96.90	64.90	54.70

FARM VALUE

	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Georgia and Alabama ⁴	136	29	146	220	328	112	148
Florida.....	333	65	700	823	1,440	748	935
Mississippi.....	684	194	1,106	1,538	2,428	1,600	1,595
Louisiana ³	348	326	778	1,086	1,368	992	999
Total.....	1,501	614	2,730	3,667	5,564	3,452	3,677

¹ Production of unhusked air-dried nuts.

² Preliminary.

³ Includes small quantities of tung nuts produced in Texas.

⁴ Prices and values for these 2 States have been combined, to avoid the possibility of disclosing individual mill operations.

Bureau of Agricultural Economics. The Census of Agriculture reported 351,000 tung trees in Southern States in 1930, 12,671,000 tung trees in 1940, and 9,583,000 tung trees in 1945. In addition to the States listed above, the census shows a small production also in Texas and South Carolina. The yield of oil from tung nuts varies from year to year but is usually estimated at around 16 percent of the weight of the nuts. Production and supply of tung oil appear in table 195.

TABLE 197.—*Oleomargarine: Materials used in manufacture, and percentages of total quantity of fats and oils contributed by specified items, United States, 1944-48*

Item	1944		1945		1946		1947		1948	
	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils	Materials used	Percentage of total fats and oils
	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>Percent</i>
Oleo oil.....	11,938	2.5	8,841	1.8	2,545	0.6	3,298	0.6	4,304	0.6
Oleostearine.....	3,079	.6	2,510	.5	2,086	.4	3,700	.6	3,013	.4
Lard, neutral.....	9,630	2.0	5,786	1.2	2,058	.4	3,145	.5	3,498	.5
Oleo stock.....	2,092	.4	1,304	.3	335	.1	649	.1	364	.1
Other animal fats ¹	220	.1	24	(?)	18	(?)	-----	-----	-----	-----
Total animal.....	26,959	5.6	18,465	3.8	7,042	1.5	10,792	1.8	11,179	1.6
Cottonseed oil.....	215,008	44.9	253,997	50.9	222,814	47.9	322,555	53.2	452,691	61.6
Soybean oil.....	211,105	44.1	206,642	41.4	200,681	43.1	227,714	37.5	252,728	34.4
Peanut oil.....	12,295	2.6	10,215	2.1	13,794	3.0	17,498	2.9	11,267	1.5
Corn oil.....	11,480	2.4	9,174	1.8	6,589	1.4	6,650	1.1	1,345	.2
Linseed oil.....	413	.1	-----	-----	-----	-----	-----	-----	-----	-----
Other vegetable oils ³	1,231	.3	138	(?)	67	(?)	132	(?)	18	(?)
Total domestic vegetable.....	451,532	94.4	480,166	96.2	443,945	95.4	574,549	94.7	718,049	97.7
Coconut oil.....	-----	-----	-----	-----	4,508	3.1	4,214	3.5	4,471	.7
Sunflower oil.....	1	(?)	6	(?)	-----	-----	-----	-----	-----	-----
Total foreign vegetable.....	1	(?)	6	(?)	14,508	3.1	21,214	3.5	5,471	.7
Total fats and oils.....	478,492	100.0	498,637	100.0	465,495	100.0	606,555	100.0	734,699	100.0
Milk.....	101,642	-----	105,002	-----	96,046	-----	126,245	-----	152,501	-----
Salt and other materials.....	21,783	-----	22,050	-----	20,599	-----	26,837	-----	32,705	-----
Total.....	123,425	-----	127,052	-----	116,645	-----	153,082	-----	185,206	-----
Grand total.....	601,917	-----	625,689	-----	582,140	-----	759,637	-----	919,905	-----

¹ Includes tallow, lard flakes, and lard stearine.

² Less than 0.05 percent.

³ Includes cottonseed stearine, soybean stearine, vegetable stearine, cottonseed flakes, and soya flakes.

⁴ Used in oleomargarine for export: 14,508,000 pounds in 1946, 7,751,000 pounds in 1947, and 612,000 pounds in 1948.

Bureau of Agricultural Economics. Computed from monthly data published in Internal Revenue Bulletin.

TABLE 198.—*Oleomargarine, white: Average wholesale price per pound, Chicago, 1939-48*

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Made from:										
Animal fat.....	Cents 13.3	Cents 11.8	Cents 13.3	Cents 15.1	Cents 16.4	Cents 16.5	Cents 16.5	Cents 23.5	Cents 37.2	Cents 37.7
Domestic vegetable oils.....	14.7	14.8	15.8	19.0	19.0	19.0	19.0	23.0	36.9	37.1

Bureau of Agricultural Economics. Compiled from The National Provisioner.

TABLE 199.—*Oleomargarine: Production, withdrawals, and domestic disappearance, United States, 1939-48*

Year	Reported to U. S. Department of Agriculture			Reported to Bureau of Internal Revenue						Domestic disappearance (civilian and military) ⁵	
	Production, uncolored and colored ¹			Production			Withdrawals			Total	Per capita
	Vegetable oil	Combined animal and vegetable	Total	Un-colored	Colored	Total ²	Tax-paid for consumption in the United States and Territories	Tax-free for use of the United States Government ³	Tax-free for export ⁴		
1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1939	266,946	34,884	301,830	299,412	1,445	300,856	300,314	901	258	300,941	2.3
1940	279,317	41,355	320,672	317,952	2,451	320,402	317,736	897	1,174	318,336	2.4
1941	313,496	51,713	365,209	362,813	4,774	367,587	363,236	2,105	2,038	363,849	2.7
1942	366,865	56,412	423,277	361,262	64,488	425,749	363,707	60,148	3,286	364,000	2.7
1943	566,409	53,722	610,131	497,601	116,543	614,144	500,004	110,439	572	502,700	3.7
1944	539,237	44,529	583,766	480,607	107,606	588,214	496,037	90,828	1,386	498,200	3.6
1945	580,005	33,978	613,983	515,124	98,904	614,028	524,631	74,089	16,747	538,900	3.8
1946	554,798	17,854	572,652	514,457	58,063	572,520	532,066	34,297	6,528	537,700	3.8
1947	717,136	21,573	738,709	686,883	69,057	745,940	712,584	9,305	18,508	719,000	5.0
1948 ⁶	855,520	19,076	874,696	812,343	96,368	908,711	890,249	2,459	12,043	896,400	6.1

¹ Shown to indicate output of oleomargarine containing animal fat in relation to output of vegetable-oil margarine. Manufacturers' reports to the Bureau of Internal Revenue are required by law; those to the U. S. Department of Agriculture are voluntary.

² Total of unrounded monthly figures.

³ 1939-40 represents purchases for use in Government institutions; 1941-48 also includes purchases for lend-lease export, UNRRA, and American Red Cross and small purchases by the armed forces.

⁴ Including withdrawals for shipment to Puerto Rico, Virgin Islands, and other U. S. possessions.

⁵ Tax-paid withdrawals for use in the United States and Territories, plus military procurement, plus tax-free withdrawals for use in Government institutions, minus shipments to Alaska and Hawaii. Per capita disappearance computed from total disappearance, using population as of July 1, including military personnel.

⁶ Preliminary.

Bureau of Agricultural Economics and Production and Marketing Administration.

TABLE 200.—*Shortening: Production, trade, stocks Dec. 31, and disappearance in the United States, and price at Chicago, 1939-48*

Year	Factory production	Imports for consumption	Exports		Shipments to United States Territories ¹	Factory and warehouse stocks, Dec. 31	Apparent disappearance		Average wholesale price per pound, Chicago
			Shortening as such	Shortening content of Army biscuits			Total	Per capita	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds	Cents
1939	1,403,551	1,245	3,237	-----	4,655	56,621	1,395,945	10.6	9.3
1940	1,190,322	505	3,805	-----	4,923	53,741	1,184,979	8.9	9.1
1941	1,409,401	1,447	3,666	2,000	6,432	53,338	1,399,153	10.4	13.8
1942	1,300,150	364	3,250	3,700	7,628	42,648	1,293,626	9.5	17.0
1943	1,437,649	8	68,950	3,700	8,256	46,258	1,335,141	9.7	17.0
1944	1,363,547	(⁴)	11,930	1,100	5,865	43,108	1,358,802	9.8	17.0
1945	1,440,859	1	12,945	31,400	7,599	33,533	1,398,491	10.0	17.0
1946	1,450,501	2	14,659	5,200	6,343	41,234	1,426,600	10.0	21.1
1947	1,374,492	1	10,383	12,400	6,671	53,464	1,332,809	9.2	32.2
1948 ⁵	1,426,390	(⁴)	7,122	200	7,084	66,390	1,400,058	9.6	33.7

See footnotes on page 156.

TABLE 201.—Fats and oils used in the manufacture of shortening, United States, 1941-48

Item	1941	1942	1943	1944	1945	1946	1947	1948 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Cottonseed oil.....	888,733	693,564	572,208	489,880	486,791	501,588	299,869	324,572
Soybean oil.....	215,967	335,555	568,405	629,257	683,011	743,527	705,280	707,374
Peanut oil.....	81,905	37,817	50,886	61,249	51,016	42,302	64,512	55,924
Corn oil.....	62	4,093	6,356	5,393	2,446	3,341	2,625	3,655
Linseed oil.....			7,084	300				
Total domestic vegetable ²	1,186,667	1,071,029	1,204,939	1,177,079	1,223,264	1,290,758	1,072,286	1,091,525
Palm oil.....	86,486	29,303	852					2,916
Coconut oil.....	22,069	4,961	3	69	231	17,779	86,522	48,293
Sesame oil.....	226	2	4	3	30			2,129
Babassu oil.....		50	1			2,933	721	(³)
Palm-kernel oil.....	4	1,179						(³)
Other oils ⁴	93	24,212	4,897	5,559	19,021	4,968	1,168	2,106
Total foreign vegetable.....	108,878	59,707	5,757	5,631	19,282	25,680	88,411	55,444
Tallow, edible.....	41,227	55,777	78,552	59,752	78,835	43,809	44,493	29,244
Oleostearine.....	23,103	30,701	29,726	22,393	24,349	13,155	18,949	14,520
Lard, including rendered pork fat.....	50,787	61,632	36,407	38,729	23,142	20,387	100,635	113,847
Oleo oil.....	1,282	663	2,660	2,691	2,728	1,391	1,478	645
Total animal.....	116,399	148,773	147,345	123,565	129,054	78,742	165,555	158,256
Fish oils.....	6,165	5,750	12,584	2,764	3,433	1,158		
Total fats and oils.....	1,418,109	1,285,259	1,370,625	1,309,039	1,375,033	1,396,338	1,326,252	1,305,225

¹ Preliminary.² Mostly domestic, but includes some imported cottonseed, soybean, peanut, and corn oils in most years.³ Included in "other oils."⁴ Includes murumuru-kernel oil and tucum-kernel oil.⁵ Includes sunflower oil and miscellaneous vegetable oils. A small percentage of "other oils" may be domestic.

Bureau of Agricultural Economics. Compiled from Bureau of the Census, Animal and Vegetable Fats and Oils. Data for earlier years in Agricultural Statistics, 1941, table 511.

FOOTNOTES FOR TABLE 200:

¹ Partly estimated. 1942-June 1945 includes U. S. Department of Agriculture shipments to United States Territories not reported by Bureau of the Census.² Adjusted for changes in U.S.D.A. stocks.³ Adjusted in accordance with U.S.D.A. records of shipments to United Kingdom.⁴ Less than 500 pounds.⁵ Includes military shipments for civilian relief abroad: 300,000 pounds in 1945; 1,300,000 pounds in 1946; 12,400,000 pounds in 1947; and 200,000 pounds in 1948.⁶ Includes re-exports to Canada.⁷ Includes estimated exports through nongovernmental relief agencies: 6,800,000 pounds in 1947, and 2,600,000 in 1948.⁸ Preliminary.

Bureau of Agricultural Economics. Compiled as follows: Production and stocks from Bureau of the Census, Animal and Vegetable Fats and Oils.

Trade figures from Foreign Commerce and Navigation of the United States, and records of the Bureau of the Census and U. S. Department of Agriculture.

Disappearance: Total, computed from data on production, trade, and stocks. Per capita, computed from total disappearance, using population as of July 1, including military personnel.

Price, from reports of the Production and Marketing Administration. Based on products containing from 20 to 50 percent animal fat. 1939-June 1940, quoted in hardwood tubs; beginning July 1940, in 1-pound cartons.

TABLE 202.—Fats and oils: Production, foreign trade, factory and warehouse stocks, Dec. 31, and disappearance in continental United States, 1939-48

ANIMAL FATS AND OILS (INCLUDING MARINE OILS)

Year	Primary fats and oils (crude basis)						Adjusted disappearance, allowing for net exports and stock changes in fat-and-oil products ⁵
	Production from domestic materials	Imports plus production from imported materials ¹	Exports and re-exports ²	Shipments to United States Territories ³	Factory and warehouse stocks, Dec. 31 ⁴	Disappearance in continental United States	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1939.....	5,870	96	314	41	785	5,599	-----
1940.....	6,291	50	220	39	991	5,876	-----
1941.....	6,519	80	410	40	887	6,252	-----
1942.....	6,728	166	698	41	662	⁶ 6,372	-----
1943.....	6,981	144	⁷ 919	46	818	⁶ 5,912	-----
1944.....	7,246	117	⁷ 1,035	45	953	⁶ 6,202	-----
1945.....	5,925	77	⁷ 744	30	478	⁶ 5,724	-----
1946.....	5,599	43	⁷ 494	44	445	⁶ 5,166	-----
1947.....	6,431	40	487	40	531	⁶ 5,856	-----
1948 ⁸	6,112	83	394	53	682	5,598	-----

VEGETABLE OILS

1939.....	2,340	1,703	99	9	1,485	4,013	-----
1940.....	2,434	1,606	138	8	1,549	3,830	-----
1941.....	2,814	1,817	162	14	1,385	4,619	-----
1942.....	3,186	827	129	7	⁹ 1,356	3,916	-----
1943.....	3,674	781	431	7	1,333	4,046	-----
1944.....	3,444	873	438	8	1,203	4,001	-----
1945.....	3,445	823	161	8	1,248	4,055	-----
1946.....	3,252	771	201	8	821	4,240	-----
1947.....	3,511	1,323	236	8	762	4,648	-----
1948 ⁸	4,130	1,183	201	8	998	4,867	-----

TOTAL ANIMAL AND VEGETABLE FATS AND OILS

1939.....	8,211	1,799	413	50	2,269	9,611	9,573
1940.....	8,725	1,656	358	46	2,540	9,706	9,672
1941.....	9,333	1,897	572	54	2,272	10,871	¹⁰ 10,826
1942.....	9,914	993	827	48	⁹ 2,018	⁶ 10,288	¹⁰ 10,206
1943.....	10,656	924	1,350	53	2,151	⁶ 9,958	¹⁰ 9,733
1944.....	10,690	990	1,473	53	2,156	⁶ 10,203	¹⁰ 10,081
1945.....	9,371	900	904	37	1,726	⁶ 9,780	¹⁰ 9,603
1946.....	8,851	815	695	52	1,266	⁶ 9,406	¹⁰ 9,288
1947.....	9,942	1,363	722	48	1,293	⁶ 10,504	¹⁰ 10,370
1948 ⁸	10,242	1,266	595	61	1,680	10,465	¹⁰ 10,375

¹ Imports for consumption.² Re-exports include only items imported free of duty or tax (coconut, palm, including palm-kernel, and tung oils), except that in 1943-47, certain quantities of whale, linseed, and sunflower oils reported in imports for consumption are also included.³ Special programs of the U. S. Department of Agriculture included, 1942-June 1945.⁴ Cold-storage stocks of butter, all years; lard, 1939-40.⁵ Disappearance of primary fats and oils in continental United States adjusted for fat content of imports, exports, and shipments to U. S. Territories of margarine, shortening, and soap, and changes in stocks of margarine and shortening.⁶ Adjusted to allow for changes in cold-storage stocks of butter held by the armed forces, and in U. S. Department of Agriculture stocks of lard in transit to warehouses and ships (these stocks are not included in factory and warehouse stocks).⁷ Revised. Butter exports adjusted in accordance with U.S.D.A. records (1943) and, beginning 1945, for butter equivalent of spreads (Army) and butter oil; lard used in tushonka (1943-46), and shortening used in exported Army rations (1945-46) added, from U.S.D.A.⁸ Preliminary.⁹ Includes 9,000,000 pounds of dehydrated castor oil (crude basis); these stocks were not reported prior to 1942.¹⁰ Includes procurement for U. S. armed forces, as well as disappearance into civilian trade channels.

Bureau of Agricultural Economics. Compiled as follows: Production, from reports of the Bureau of the Census, U. S. Department of Agriculture, and Fish and Wildlife Service. Foreign trade from Foreign Commerce and Navigation of the United States and records of the Bureau of the Census. Stocks from Bureau of the Census and U. S. Department of Agriculture. Disappearance computed from data on production, foreign trade, and stocks. Totals computed from unrounded numbers.

TABLE 203.—Fats and oils (crude basis): Production and disappearance, 1947; production, foreign trade, stocks Dec. 31, and disappearance, United States, 1948

Item	1947		1948 ¹					
	Factory production	Apparent disappearance in continental United States	Factory production	Imports for consumption	Exports	Net imports or net exports (-)	Factory and warehouse stocks, Dec. 31	Apparent disappearance in continental United States
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Animal and marine fats and oils:								
Butter.....	² 1,645,518	1,633,000	² 1,512,720	228	³ 8,083	-7,855	33,615	1,494,922
Lard, including rendered pork fat.....	² 2,426,000	1,952,452	² 2,368,000	1	³ 327,877	-327,876	173,263	2,033,436
Neat's-foot oil.....	2,516	1,246	2,165	254	201	53	1,098	2,176
Oleo oil.....	52,385	51,471	39,889	-----	84	-84	4,296	38,010
Oleostearine and oleo stock.....	37,076	34,629	27,560	-----	788	-788	2,938	26,465
Tallow, edible.....	94,985	94,595	70,251	(⁴)	1,377	-1,377	9,624	65,583
Tallow, inedible, and greases, excluding wool grease.....	⁵ 2,023,153	1,881,598	⁵ 1,942,183	1,042	⁶ 88,244	-87,182	317,393	1,783,972
Wool grease.....	22,190	21,448	18,848	290	-----	290	5,262	21,579
Fish-liver oil ⁷	6,000	16,661	4,870	23,209	7,662	15,847	8,288	21,931
Fish oil.....	121,436	156,730	124,879	18,805	11,757	7,048	94,691	94,195
Marine mammal oil ⁸	137	11,808	435	39,147	296	38,851	31,486	15,608
Total, animal and marine.....	6,431,396	5,855,638	6,111,800	82,976	446,349	-363,373	681,954	5,597,877
Vegetable oils:								
Babassu oil.....	⁹ 14,007	17,787	⁹ 39,015	3,082	-----	3,082	3,098	39,041
Castor oil.....	117,189	115,669	136,056	2,441	2,140	301	32,468	128,336
Coconut oil.....	⁵ 800,780	784,140	557,095	109,096	¹⁰ 20,068	89,028	61,729	686,626
Corn oil.....	246,612	253,567	202,900	(⁴)	115	-115	19,662	194,057
Cottonseed oil.....	1,117,167	1,110,764	1,461,980	3,577	34,472	-30,895	338,454	1,367,959
Linseed oil.....	455,582	575,281	726,033	3,959	29,636	-25,677	226,403	600,452
Oiticica oil.....	-----	12,707	-----	17,553	-----	17,558	6,599	13,115
Olive oil, edible.....	2,761	17,467	3,022	36,101	121	35,980	2,501	37,488
Olive oil inedible.....	-----	245	-----	360	¹⁰ 11	349	83	350
Olive-oil foots.....	(¹¹)	(¹¹)	(⁴)	9,414	¹⁰ 898	8,516	(¹¹)	8,856
Palm-kernel oils ¹²	⁹ 7,313	9,918	⁹ 5,157	14,694	-----	14,694	(¹¹)	19,851
Palm oil.....	-----	43,163	-----	63,328	¹⁰ 9,749	53,579	25,836	51,248
Peanut oil.....	132,104	138,447	137,911	62	729	-667	22,642	132,189
Perilla oil.....	-----	33	-----	-----	-----	-----	5	16
Rapeseed oil.....	(¹¹)	(¹¹)	(⁴)	3,669	137	3,532	4,170	5,693
Sesame oil.....	⁹ 4,455	4,610	⁹ 10,625	1,440	-----	1,440	138	12,113
Soybean oil.....	1,541,984	1,450,024	1,602,762	365	85,669	-85,304	193,202	1,470,464
Tung oil.....	12,680	106,077	16,749	133,282	¹⁰ 10,924	122,358	47,145	129,739
Other vegetable oils ¹³	7,175	8,530	-----	11,016	¹⁴ 14,747	-3,731	13,906	-10,437
Total, vegetable.....	4,459,809	4,648,419	4,899,305	413,444	209,416	204,028	998,041	4,867,216
Total, all fats and oils.....	10,891,205	10,504,057	11,011,105	496,420	655,765	-159,345	1,679,995	10,465,093

¹ Preliminary.² Total production, including estimated farm output.³ Includes shipments to U. S. Territories (partly estimated). Lard includes 5,554,000 pounds exported in food packages through CARE and other non-governmental agencies.⁴ Less than 500 pounds.⁵ Computed from factory consumption (Bureau of the Census), stocks, and trade; reported factory consumption used to represent domestic disappearance.⁶ Total of the following export classifications: Inedible tallow; other animal greases and fats, inedible; hog grease and wool grease; grease stearin; lard oil; and other animal oils, inedible.⁷ Production of cod oil, cod-liver oil, shark-liver oil, and other liver oils. Imports of cod oil, cod-liver oil, shark-liver oil, and "fish-liver oil, n.e.s."⁸ Whale oil, sperm-whale oil, and seal oil.⁹ Oil equivalent of imported raw material.¹⁰ Includes reexports.¹¹ Included in "Other vegetable oils."¹² Murumuru-kernel, palm-kernel, and tucum-kernel oils.¹³ Cashew nut shell liquid (oil), sunflower oil, teaseed oil, vegetable tallow, and minor domestic vegetable oils, such as hempseed, mustardseed, and walnut oils.¹⁴ Includes shipments of 8,132,000 pounds of edible fats and oils, other than butter and lard, to U. S. Territories; and 2,235,000 pounds of edible oils exported in food packages through CARE and other non-governmental agencies.

See footnotes on page 159.

TABLE 204.—Fats and oils: Estimated consumption in the drying-oil industries, United States, 1939-48

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Linseed oil.....	557,855	586,585	808,641	820,253	757,693	688,373	639,640	668,230	567,536	595,460
Castor oil.....	11,844	24,857	46,295	62,756	24,991	90,037	66,658	38,233	43,501	57,878
Fish oil.....	43,599	46,894	56,539	31,779	34,188	47,178	57,252	46,363	44,946	35,187
Soybean oil.....	33,353	46,260	62,410	33,422	38,974	36,648	45,757	66,925	158,807	162,152
Tung oil.....	105,596	66,937	68,510	² 11,830	² 12,047	² 10,109	² 22,672	² 35,632	² 106,077	² 129,739
Oiticica oil.....	18,867	15,537	26,785	² 9,196	² 3,602	10,741	19,389	25,245	12,707	13,115
Perilla oil.....	52,158	19,514	8,575	2,731	1,990	² 489	² 193	² 78	² 33	² 16
Coconut oil.....	710	1,263	920	183	37	32	24	219	509	882
Cottonseed oil.....	243	217	349	507	226	75	181	137	42	45
Rapeseed oil.....	79	88	103	40	29	12	14	4	3	1
Corn oil.....	155	174	883	80	32	23	23	19	8	37
Palm oil.....	6	4	1				1		5	11
Olive oil, inedible and foots.....	14	7	4	3						
Other vegetable oils ¹	300	300	300	273	678	866	1,927	4,214	4,728	5,361
Grease.....	497	504	622	609	486	333	294	352	308	284
Tallow, inedible.....	102	155	375	195	25	20	54	60	36	28
Marine mammal oil.....	40	55	36	4	2	5	39	72	44	55
Neat's-foot oil.....	28	28	37	40	43	20	6	15	11	5
Tallow, edible.....	1	1	4	6	5		1			6
Lard.....	2	9	13	13	10	13	7	23	20	23
Oleo oil.....				2		1	1			
Oleostearine.....	2	6		2						
Tall oil.....					2,000	7,200	7,000	15,400	31,721	35,730
Secondary fatty materials					14,529	26,474	31,129	39,057	43,558	46,024
Total.....	825,451	809,395	1,081,407	973,924	891,587	918,649	892,262	940,278	1,014,600	1,082,039 ²

¹ Preliminary.² Reported factory consumption in paints, varnishes, linoleum, oilcloth, printing inks, and miscellaneous industrial products.³ 1939-41, estimated.

Bureau of Agricultural Economics. These estimates include consumption in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics.

Compiled from reports of the Bureau of the Census and the Fish and Wildlife Service, as follows:

Linseed, castor, fish, soybean, tung, oiticica, and perilla oils: Total apparent domestic disappearance, minus quantities (if any) reported by the Bureau of the Census as used in soap, oleomargarine, and shortening, and minus part of the quantity used in miscellaneous industrial products. Details of the computation are given in the Fats and Oils Situation, July 1948, page 17.

Tall oil and secondary fatty materials: Factory consumption in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics, as reported by the Bureau of the Census.

Other fats and oils: Factory consumption in paints, varnishes, floor coverings, oilcloth, and printing inks, as reported by the Bureau of the Census.

FOOTNOTES FOR TABLE 203 (continued):

Bureau of Agricultural Economics. Compiled as follows:

Production—

Butter and lard, U. S. Department of Agriculture.

Marine-animal oils, reports of Fish and Wildlife Service. Reported in gallons; converted to pounds, using 7.74 pounds per gallon for Atlantic and Gulf coasts and 7.5 for Pacific coast.

All other fats and oils, Bureau of the Census.

Foreign trade and factory and warehouse stocks, Bureau of the Census, except for stocks of butter, U. S. Department of Agriculture, Cold Storage Report. In cases where refined and crude oils are reported separately, figures represent crude oil, plus refined converted to crude basis by dividing by the following factors: Babassu, corn, cottonseed, palm-kernel, and palm oils, 0.93; coconut, peanut, and soybean oils, 0.94.

Apparent disappearance computed from data on production, trade, and stocks.

TABLE 205.—Fats, oils, and rosin used in the manufacture of soap, United States, 1941-48

Item	1941	1942	1943	1944	1945	1946	1947	1948 ¹
Hard oils (tallow class):	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Slow lathering:	pounds	pounds	pounds	pounds	pounds	pounds	pounds	pounds
Tallow, inedible.....	1,057,308	1,188,923	896,286	1,005,777	952,334	871,968	1,108,909	980,651
Whale and fish oils.....	76,312	72,401	44,972	50,900	114,346	39,714	42,550	35,477
Grease.....	310,487	338,974	463,811	524,156	412,105	338,469	417,260	471,105
Palm oil.....	129,871	55,865	32,621	19,675	24,500	7,417	1,091	956
Tallow, edible.....	4,826	634	4,652	43,761	32,067	6,895	7,087	1,556
Oleostearine.....	70	483	275	211	---	---	---	---
Lard, including rendered pork fat.....	89	96	74,039	176,266	82,070	744	5,973	3,716
Total.....	1,578,958	1,657,376	1,516,656	1,820,746	1,617,422	1,265,207	1,582,870	1,493,461
Quick lathering:								
Coconut oil.....	484,124	140,487	142,346	131,558	59,353	184,906	511,313	417,194
Palm-kernel oil.....	1,113	1,028	1,840	1,938	29,967	18,939	(?)	(?)
Babassu oil.....	29,753	19,105	25,814	13,006	32,476	35,834	14,581	19,413
Total.....	514,990	160,620	170,000	146,502	121,796	239,679	525,894	436,607
Soft oils:								
Secondary fats and oils ² :								
Olive oil, foots and inedible.....	190,000	190,000	269,425	302,343	363,705	334,986	227,847	180,306
Soybean oil.....	10,584	5,188	5,486	2,956	1,987	801	764	2,403
Cottonseed oil.....	24,737	31,510	15,428	3,258	4,219	3,545	5,375	2,794
Corn oil.....	3,010	2,863	991	886	1,695	522	920	720
Castor oil.....	4,948	4,102	831	887	721	299	446	185
Linseed oil.....	1,976	1,599	878	16,982	1,399	553	9,041	7,745
Peanut oil.....	2,278	4,019	1,697	2,253	915	576	276	339
Sesame oil.....	597	485	256	564	846	7,347	374	271
Oleo oil.....	304	189	70	---	---	---	1	5
Rapeseed oil.....	189	205	2,160	3,243	3,685	3,082	40	---
Olive oil, edible.....	5	---	1	---	---	16	---	---
Neat's-foot oil.....	84	27	11	83	18	1	4	---
Perilla oil.....	35	19	68	9	7	41	23	2
Other vegetable oils.....	---	---	---	---	---	3	---	---
Total.....	1,162	2,487	675	3,164	2,338	448	712	4,004
Total fats and oils.....	239,909	242,693	297,977	336,308	381,535	352,221	245,830	198,774
Rosin ³	2,333,857	2,060,689	1,984,633	2,303,556	2,120,753	1,857,107	2,354,594	2,128,842
Tall oil ⁴	103,061	97,850	119,804	193,144	121,522	74,694	79,866	53,334
Total saponifiable materials.....	2,436,918	2,158,539	2,115,137	2,526,000	2,272,075	1,957,001	2,450,789	2,199,677

¹ Preliminary.² Included in "Other vegetable oils."³ Inedible animal stearin, grease (lard) oil, tallow oil, foots and other soap stock, red oil, stearic acid, and other fatty acids. Before 1943, estimated from total factory consumption of these items; 1943-June 1947, estimated from factory consumption of these items and tall oil in soap.⁴ 1941-42 consumption of rosin was reported on a crop year basis (April-March); data are placed in calendar year in which most of the season occurs, i. e., 1942-43 data are placed in the calendar year 1942. 1943-48 data computed from quarterly reports.⁵ 1943-June 1947, estimated.

Bureau of Agricultural Economics. Compiled as follows: Fats, oils, and tall oil, Bureau of the Census; rosin, Naval Stores Report, Bureau of Agricultural Economics.

TABLE 206.—Fats and oils: Use in products for civilian consumption, United States, 1931-48

Year	Butter (actual weight)		Lard, excluding use in oleomargarine, shortening, and nonfood products		Oleomargarine (fat content)		Shortening		Edible oils ¹		Total, food products	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita ²
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1931	2,244	18.0	1,687	13.5	192	1.5	1,163	9.3	599	4.8	5,884	43.6
1932	2,275	18.1	1,799	14.3	166	1.3	936	7.5	567	4.5	5,742	42.2
1933	2,248	17.8	1,759	13.9	197	1.6	944	7.5	657	5.2	5,806	42.5
1934	2,312	18.2	1,637	12.9	214	1.7	1,197	9.4	666	5.2	6,027	43.9
1935	2,195	17.1	1,221	9.5	307	2.4	1,533	12.0	686	5.4	5,942	43.1
1936	2,114	16.4	1,442	11.2	322	2.5	1,580	12.3	732	5.7	6,190	44.8
1937	2,120	16.4	1,358	10.5	326	2.5	1,589	12.3	818	6.3	6,210	44.7
1938	2,148	16.4	1,436	11.0	312	2.4	1,499	11.5	890	6.8	6,285	44.9
1939	2,276	17.3	1,662	12.6	243	1.8	1,396	10.6	946	7.2	6,523	46.2
1940	2,244	16.9	1,901	14.3	256	1.9	1,185	8.9	997	7.5	6,583	46.3
1941	2,115	16.0	1,819	13.7	294	2.2	1,368	10.3	1,100	8.3	6,696	47.4
1942	2,093	15.8	1,689	12.8	296	2.2	1,237	9.3	1,001	7.6	6,315	44.6
1943	1,525	11.8	1,678	13.0	408	3.1	1,234	9.5	848	6.5	5,693	41.6
1944	1,532	11.9	1,583	12.3	404	3.1	1,147	8.9	870	6.7	5,536	40.5
1945	1,415	10.9	1,510	11.6	426	3.3	1,175	9.1	795	6.1	5,322	38.8
1946	1,459	10.5	1,645	11.8	433	3.1	1,409	10.1	864	6.2	5,809	39.7
1947	1,605	11.2	1,816	12.7	580	4.0	1,338	9.3	988	6.9	6,327	41.8
1948 ⁴	1,459	10.0	1,896	13.0	721	4.9	1,397	9.6	1,026	7.0	6,499	42.5

Year	Soap ⁵		Drying-oil products ⁶		Other industrial products ⁷		Total industrial products		All fat-and-oil products			
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total weight			Per capita ²
									Including actual weight of butter	Including only fat content of butter		
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Pounds
1931	1,498	12.0	621	5.0	314	2.5	2,433	19.5	8,317	7,880	63.1	63.1
1932	1,462	11.6	480	3.8	309	2.5	2,252	17.9	7,994	7,551	60.1	60.1
1933	1,401	11.1	458	3.4	404	3.2	2,358	18.7	8,164	7,725	61.2	61.2
1934	1,595	12.5	602	4.7	379	3.0	2,576	20.3	8,603	8,152	64.1	64.1
1935	1,428	11.2	721	5.6	525	4.1	2,674	20.9	8,616	8,188	64.0	64.0
1936	1,522	11.8	792	6.1	533	4.1	2,848	22.1	9,038	8,626	66.9	66.9
1937	1,581	12.2	851	6.6	528	4.1	2,961	22.8	9,171	8,758	67.6	67.6
1938	1,587	12.1	885	5.2	439	3.4	2,710	20.7	8,995	8,576	65.6	65.6
1939	1,741	13.2	825	6.3	483	3.7	3,050	23.2	9,573	9,129	69.3	69.3
1940	1,791	13.5	809	6.1	489	3.7	3,089	23.3	9,672	9,235	69.5	69.5
1941	2,173	16.4	1,029	7.8	688	5.2	3,890	29.3	10,586	10,174	76.7	76.7
1942	1,858	14.0	870	6.6	658	5.0	3,386	25.6	9,701	9,293	70.2	70.2
1943	1,643	12.7	727	5.6	722	5.6	3,092	23.9	8,785	8,488	65.5	65.5
1944	1,781	12.8	775	6.0	726	5.6	3,282	25.4	8,818	8,519	65.9	65.9
1945	1,604	12.4	747	5.8	764	5.9	3,115	24.0	8,437	8,161	62.9	62.9
1946	1,643	11.8	705	6.5	810	5.8	3,358	27.4	9,167	8,883	63.8	63.8
1947	2,143	14.9	797	6.8	824	5.7	3,939	27.4	10,266	9,953	69.4	69.4
1948 ⁴	1,939	13.3	1,037	7.1	892	5.4	3,768	25.8	10,267	9,982	68.3	68.3

¹ Mainly salad and cooking oils. Includes all oils and fats (other than butter, lard, oleomargarine, or shortening) used in mayonnaise and salad dressing, bakery goods, confectionery, commercial roasting and frying, etc.

² Including only the fat content of butter, estimated at 80.5 percent of total weight.

³ All food-fat estimates for 1941-47 revised on the basis of a review of records on military procurement and U.S.D.A. procurement and shipments. Supply and disposition tables for the individual food fats and oils are published in U.S.D.A. Misc. Pub. 691 (August 1949).

⁴ Preliminary.

⁵ Fat equivalent of soap used in manufactures (rubber, textiles, etc.) is included with "Other industrial products."

⁶ Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking and other protective coatings.

⁷ Revised to exclude use of tall oil.

Bureau of Agricultural Economics. Computed from data given in reports of the Bureau of the Census, Fish and Wildlife Service, and U. S. Department of Agriculture. Totals computed from unrounded numbers.

TABLE 207.—Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1946-48

Products manufactured	Babassu oil			Castor oil ²			Coconut oil			Corn oil		
	1946	1947	1948 ¹	1946	1947	1948 ¹	1946	1947	1948 ¹	1946	1947	1948 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Shortening.....	2,933	721					17,779	86,522	48,293	3,341	2,625	3,655
Oleomargarine.....							14,508	21,214	5,471	6,589	6,650	1,345
Other edible products.....	269						3,882	15,134	33,716	19,266	57,963	60,064
Soap.....	35,834	14,581	19,413	553	9,041	698	184,906	511,313	417,194	299	446	185
Paint and varnish.....				28,689	32,776	46,172	219	509	882	14	8	37
Linoleum and oilcloth.....				2,600	3,185	3,205						
Printing inks.....				756	526	743				5		
Fatty acids.....				6,443	6,602	4,183	59,082	62,654	77,841		54	
Sulphonated oils.....			49	5,676	6,940	7,990	99	499	495	896	400	201
Lubricants and greases.....		2	5	422	438	486	2	14	7	26	3	2
Miscellaneous.....	992	459	695	30,409	32,715	28,557	14,835	32,596	17,566	3,128	3,944	1,836
Total factory consumption.....	40,028	15,763	20,162	75,448	92,223	92,034	295,312	730,455	601,465	33,564	72,093	67,325
Refining loss.....	2,219	359					20,204	53,685	23,169	16,439	21,813	14,735
Total apparent disappearance.....	44,206	17,787	39,041	95,383	115,669	128,396	326,231	784,140	666,626	195,415	253,567	194,057
	Cottonseed oil			Fish and fish-liver oils			Marine mammal oils			Lard, including rendered pork fat		
Shortening.....	501,588	299,869	324,572	1,158						20,387	100,635	113,847
Oleomargarine.....	222,814	322,553	452,691							2,058	3,146	3,498
Other edible products.....	300,758	348,108	423,798		50					4,781	3,720	3,346
Soap.....	522	920	720	39,710	42,540	35,476				744	5,973	3,716
Paint and varnish.....	129	38	38	36,290	34,201	27,243	4	10	1			
Linoleum and oilcloth.....				5,128	4,568	5,124	60	36	47			
Printing inks.....	8	4	7	359	209	392						
Fatty acids.....			10	8,686	14,621	4,997	12	8	8	23	20	23
Sulphonated oils.....	824	476	316	8,619	8,839	7,200						
Lubricants and greases.....	727	536	392	1,002	1,337	1,426	3,057	1,170	2,225			
Miscellaneous.....	2,426	3,421	2,469	82,458	95,397	103,044	3,916	2,911	4,695	222	126	95
Total factory consumption.....	1,029,796	975,925	1,205,013	183,410	201,762	184,902	10,248	21,245	35,294	29,172	114,973	125,721
Refining loss.....	89,584	77,088	96,637									
Total apparent disappearance.....	1,184,804	1,110,764	1,367,959	153,959	173,391	116,126	16,174	11,808	15,608	1,666,802	1,952,452	2,033,436

See footnotes at end of table, p. 165.

TABLE 207.—Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1946-48—Continued

Products manufactured	Palm oil			Palm-kernel oil			Peanut oil			Perilla oil		
	1946	1947	1948 ¹	1946	1947	1948 ¹	1946	1947	1948 ¹	1946	1947	1948 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Shortening.....			2,917		(⁹)	(⁹)	42,302	64,512	65,924			
Oleomargarine.....							13,794	17,498	11,267			
Other edible products.....							13,268	10,777	14,022			
Soap.....	7,417	1,091	956	18,939	(⁹)	(⁹)	7,347	374	271	3		
Paint and varnish.....		5	11	16	(⁹)	(⁹)				73	26	11
Linoleum and oilcloth.....												
Printing inks.....							3	3	4	5	7	4
Fatty acids.....				5,796								
Sulphonate oils.....				5			3,022	1,920	1,428			
Lubricants and greases.....	147	105	65									
Miscellaneous.....	¹⁰ 39,640	¹⁰ 41,694	¹⁰ 43,645	238	(⁹)	(⁹)	4,027	3,250	2,946			
Total factory consumption.....	47,204	42,895	47,594	24,994	(⁹)	(⁹)	83,763	98,334	85,862	81	33	15
Refining loss.....							10,032	11,577	10,226			
Total apparent disappearance.....	50,901	43,153	51,248	¹¹ 35,234	(⁹)	(⁹)	115,632	138,447	132,189	¹² 81	¹² 33	16
	Rapeseed oil			Sesame oil			Soybean oil			Tallow, edible		
Shortening.....		(⁹)				2,129	743,527	705,280	707,374	43,809	44,493	29,244
Oleomargarine.....							200,681	227,595	252,728	18		
Other edible products.....				338	166	3,203	102,478	159,876	142,023	5,965	6,639	6,536
Soap.....	16			1	8	5	3,545	5,375	2,794	6,895	7,087	1,556
Paint and varnish.....	4	3	1				30,435	89,491	100,314			
Linoleum and oilcloth.....							6,508	23,297	22,044			
Printing inks.....							108	119	197			6
Fatty acids.....		60					3,096	1,897	2,038			
Sulphonate oils.....	9	9	7				1,293	1,517	1,213	19	42	61
Lubricants and greases.....	9,626	8,456	4,197				371	590	1,004	202	497	987
Miscellaneous.....	4,391	3,024	2,068	75	67	94	49,557	77,633	67,740	534	486	709
Total factory consumption.....	14,046	11,552	6,273	414	241	5,431	1,141,599	1,293,670	1,299,469	57,442	59,244	39,099
Refining loss.....							77,440	69,184	73,176			
Total apparent disappearance.....	15,047	5,711	5,693	698	4,610	12,113	1,409,305	1,450,024	1,470,464	67,221	94,595	65,583

See footnotes at end of table, p. 165.

TABLE 207.—Factory consumption of specified fats and oils, crude basis, by classes of products, and total apparent domestic disappearance, United States, 1946-48—Continued

Products manufactured	Tallow, inedible and greases, excluding wool grease			Wool grease			Tung oil			Other vegetable oils		
	1946	1947	1948 ¹	1946	1947	1948 ¹	1946	1947	1948 ¹	1946	1947	1948 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Shortening.....										4,968	1,168	2,106
Oleomargarine.....										¹³ 67	¹³ 131	¹³ 18
Other edible products.....										11,966	5,026	14,672
Soap.....	1,209,839	1,525,747	1,451,448	598	422	308				448	712	4,004
Paint and varnish.....	56	22	12	44	38	35	25,458	68,968	91,700	3,798	4,527	5,213
Linoleum and oilcloth.....							104	5,254	8,943	381	190	133
Printing inks.....	161	141	118	151	143	147	521	1,397	1,426	16	8	11
Fatty acids.....	296,990	193,031	186,928				3	20	15	331	244	670
Sulphonated oils.....	7,397	6,633	6,527	13	20	16				285	1,373	1,025
Lubricants and greases.....	54,284	65,655	57,813	3,457	5,983	5,557	66	20				1
Miscellaneous.....	¹⁴ 107,480	¹⁴ 90,369	¹⁴ 80,826	6,798	7,738	7,848	2,810	12,700	18,194	1,984	2,243	3,242
Total factory consumption.....	1,676,207	1,881,598	1,783,672	11,061	14,344	13,911	28,962	88,359	120,278	24,244	15,622	31,095
Refining loss.....												
Total apparent disappearance.....	¹⁵ 1,676,607	¹⁵ 1,881,598	¹⁵ 1,783,972	18,929	21,448	21,579	35,632	106,077	129,739	23,710	22,214	28,637

FATS AND OILS

¹ Preliminary.
² No. 1, No. 3, and dehydrated (sulphonated excluded). To avoid double counting, the estimated quantity of No. 1 used in the production of dehydrated (30,306,000 pounds in 1946; 34,511,000 pounds in 1947, and 48,154,000 pounds in 1948) is deducted from the reported factory consumption of No. 1 in miscellaneous products. 113.6 pounds of No. 1 castor oil are estimated to be required for production of 100 pounds of dehydrated.
³ Includes 12,291,000 pounds used for pressing in 1947, and 19,024,000 pounds in 1948.
⁴ Includes 14,903,000 pounds used for pressing in 1947, and 23,630,000 pounds in 1948.
⁵ Includes 790,000 pounds used for pressing in 1946.
⁶ Includes 48,000 pounds used for pressing in 1946; 166,000 pounds in 1947, and 79,000 pounds in 1948.
⁷ Includes oleo stock.
⁸ Includes 335,000 pounds of oleo stock in 1946; 649,000 pounds in 1947, and 864,000 pounds in 1948.
⁹ Included in "Other vegetable oils."
¹⁰ Includes 36,443,000 pounds used in the tin and terneplate industry in 1946; and 37,929,000 pounds in 1947; not available for 1948.

¹¹ Includes cohune-kernel; murumuru-kernel, ouricuri-kernel, and tucum-kernel oils.
¹² Reported factory consumption used to represent total apparent disappearance.
¹³ Includes cottonseed flakes and soya flakes in 1946; 48,000 pounds of cottonseed flakes and 83,000 pounds of soybean stearine in 1947, and 18,000 pounds of soya flakes in 1948.
¹⁴ Includes 82,320,000 pounds used in pressing in 1946; 61,458,000 pounds in 1947, and 51,954,000 pounds in 1948.
¹⁵ Includes 400,000 pounds used in refining in 1946, and 300,000 pounds in 1948.

Bureau of Agricultural Economics. Compiled as follows:
 Factory consumption, from reports of the Bureau of the Census, except oleomargarine from reports of the Bureau of Internal Revenue.
 Refining loss is the difference between use of crude oils in refining and production of refined oils.
 Total apparent disappearance computed from data on production, trade, and stocks as follows: Production—Lard, U. S. Department of Agriculture. Marine-animal oils, Fish and Wildlife Service. Other fats and oils, Bureau of the Census. Trade and stocks, Bureau of the Census.

TABLE 208.—Fats, oils, and glycerine: Wholesale price per pound, average 1935-39, annual 1944-48

Item and market	Average 1935-39	1944	1945	1946	1947	1948
	Cents	Cents	Cents	Cents	Cents	Cents
Butter, 92-score, Chicago ¹	29.3	41.5	42.3	61.9	70.6	76.2
Butter, 92-score, New York ¹	30.2	42.4	43.1	62.8	71.3	75.8
Oleomargarine, domestic vegetable, 1-pound cartons, Chicago.....	² 15.3	19.0	19.0	23.0	36.9	37.1
Shortening, containing animal fat, 1-pound cartons, Chicago ³	11.4	17.0	17.0	⁴ 21.1	32.2	33.7
Shortening, cottonseed, hydrogenated, 10-drum lots, New York.....		17.8	17.8	⁴ 19.7	32.7	32.9
Lard, loose, Chicago.....	9.8	12.5	12.8	19.1	22.5	20.3
Lard, prime steam, tierces, Chicago.....	10.2	13.6	13.8	20.3	23.9	21.3
Lard, refined, 1-pound cartons, Chicago ³	11.3	15.6	15.6	23.6	25.6	24.4
Oleo oil, extra, tierces, Chicago.....	10.4	⁴ 13.0	13.0	⁴ 18.3	25.7	26.6
Oleostearine, barrels, New York ⁵	8.7	10.5	⁴ 10.5		⁴ 23.2	24.3
Tallow, edible, Chicago.....	7.3	9.9	9.9	14.0	20.5	17.5
Corn oil, crude, tanks, midwestern mills.....	8.0	12.8	12.8	15.6	25.7	25.7
Corn oil, refined, edible, drums, l. c. l., New York ⁶	10.8	16.4	16.6	⁴ 20.1	32.4	33.4
Cottonseed oil, crude, tanks, southeastern mills.....	7.6	12.8	12.8	15.8	25.9	25.3
Cottonseed oil, prime summer yellow, tank cars, New York.....	8.8	14.2	14.3	⁴ 17.8	27.7	26.6
Cottonseed oil, refined, edible, salad, New York.....	10.9	16.2	16.4	⁴ 20.3	⁷ 33.0	⁷ 33.5
Peanut oil, crude, tanks, mills.....	8.0	13.0	13.0	15.9	26.3	25.8
Peanut oil, refined, edible (white), drums, New York ⁸	11.5	16.4	16.5	⁴ 19.2	33.4	33.5
Soybean oil, crude, tank cars, midwestern mills.....	6.8	11.8	11.8	14.6	23.3	22.3
Soybean oil, edible, drums, l. c. l., New York ⁹	9.5	15.1	15.4	19.0	29.1	28.3
Sunflower oil, semi-refined, tank cars, New York.....	10.6	14.3	14.3	⁴ 14.3		
Babassu oil, tanks, New York.....	6.4	11.1	11.1	⁴ 11.5	⁴ 19.1	26.7
Coconut oil, Manila, crude, tanks, f. o. b. Pacific Coast ^{10 11}	7.3	11.0	11.0	12.9	20.7	26.3
Coconut oil, Ceylon type, crude, tanks, New York ^{10 12}	7.6	11.8	11.8	14.1	21.6	27.2
Coconut oil, edible, New York ¹³	9.6	12.8	12.8	12.9	25.5	32.9
Olive oil, imported, edible, drums, New York ^{14 15}	26.3			¹⁶ 96.1	88.7	62.0
Olive oil, California, edible, drums, New York ¹⁴		⁴ 60.9	60.7	⁴ 59.4	73.6	58.2
Olive oil, inedible (denatured), drums, New York ¹⁷	14.0			⁴ 12.3		⁴ 41.3
Olive oil, "foots", prime, drums, New York ¹⁸	8.8			⁴ 18.0		⁴ 24.0
Palm oil, Niger, drums, New York ¹⁹	7.6					
Palm oil, Congo, crude, bulk, New York.....		11.4	11.4	⁴ 12.3		⁴ 25.9
Rapeseed oil, refined, denatured, bulk, c. i. f. New York ^{20 21}	8.6	⁴ 11.5	²² 11.6	⁴ 14.5	⁴ 32.0	27.8
Rapeseed oil, blown, drums, New York ²¹	11.0					
Teaseed oil, crude, drums, New York.....	9.8					⁴ 31.4
Tallow, inedible, prime or extra, carlots, Chicago.....	6.6	8.6	8.6	11.2	19.2	16.0
Grease, A white, Chicago.....	6.3	8.8	8.8	11.3	18.9	15.3
Menhaden oil, crude, tanks, Baltimore.....	4.4	8.8	8.9	11.1	⁴ 18.7	⁴ 17.0
Menhaden oil, light pressed, refined, drums, New York ²³	7.2	12.6	13.0	15.9	24.9	21.8
Sardine oil, crude, tanks, Pacific Coast ²⁴	4.8	8.9	8.9	11.6	⁴ 22.2	18.0
Sperm oil, natural 45°, drums, New York ²⁵	8.7	13.1	13.1	⁴ 13.1	⁴ 26.9	25.4
Whale oil, refined, bleached winter, drums, New York.....	8.7	12.3	12.3	⁴ 12.3		
Cottonseed-oil foots, raw (50 percent t. f. a.) delivered, East ²⁶	1.8	3.6	3.6	⁴ 4.6	6.0	4.7
Linseed oil, raw, tank cars, Minneapolis.....	9.2	14.3	14.3	18.4	32.8	27.8
Linseed oil, raw, nonreturnable drums, carlots, New York ²⁷	9.7	15.6	15.5	19.9	34.3	29.7
Oiticica oil, drums, New York.....	13.6	21.9	23.7	26.8	28.9	21.5
Perilla oil, drums, New York.....	10.2					
Tung oil, drums, New York.....	16.7	39.0	39.0	39.1	30.5	24.6
Castor oil, No. 3, drums, New York ²⁸	9.7	13.8	13.8	17.6	29.8	23.3
Castor oil, No. 1, tanks, New York.....	9.4	13.0	13.0	⁴ 18.1	29.1	22.7
Castor oil, dehydrated, drums, New York.....		17.9	17.9	22.1	33.6	26.6
Cod-liver oil, med., U.S.P., Norwegian, barrels, New York ²⁹	11.5	33.6	32.9	36.8	39.5	34.4
Cod oil, Newfoundland, drums, New York ^{14 15}	5.7	11.8	11.6	⁴ 11.9	⁴ 21.6	23.9
Glycerine, soaplye, 80 percent basis, tanks, New York.....	11.1	11.0	10.7	16.1	31.4	28.2

See footnotes on page 167.

TABLE 209.—*Fats and oils: Index numbers of wholesale prices, United States, 1942-48*

[1935-39 = 100]

Item	1942	1943	1944	1945	1946	1947	1948
8 domestic fats and oils.....	135	144	140	142	201	252	249
All fats and oils (27 items).....	142	151	148	149	205	262	261
Grouped by origin:							
Animal fats.....	133	145	139	142	206	244	248
Marine animal oils.....	164	169	170	170	218	404	374
Vegetable oils, domestic.....	151	157	160	160	197	318	303
Vegetable oils, foreign.....	173	176	177	177	206	265	278
Grouped by use:							
Butter.....	134	146	139	142	209	240	256
Lard.....	124	135	132	135	199	234	209
Other food fats.....	164	164	168	168	205	308	296
All food fats.....	139	149	145	148	208	254	258
Soap fats.....	154	150	150	150	182	297	280
Drying oils.....	156	175	175	174	212	327	281
Miscellaneous.....	152	155	154	154	188	322	294
All industrial fats and oils.....	155	160	160	160	194	311	281

Bureau of Agricultural Economics. Index numbers for earlier years, beginning 1910, are given in *The Fats and Oils Situation, January-February 1946*.

FOOTNOTES FOR TABLE 208:

¹ 1935-39 prices refer to open market sales only; 1944-48, to all types of wholesale trading for cash or short-time credit.

² Average 1936-39.

³ Hardwood tubs, 1935-39.

⁴ Average for less than 12 months.

⁵ Loose, March-August 1947; tierces, after August 1947.

⁶ Quoted as refined, drums, after August 1947; refined, barrels, 1935-39.

⁷ Quoted as refined, drums, after August 1947.

⁸ Quoted as refined, after August 1947; domestic, refined, before 1944. Barrels before June 1943.

⁹ Quoted as refined before 1939 and after August 1947.

¹⁰ Prices as originally quoted have been adjusted to include the 3-cents-per-pound tax on first domestic processing.

¹¹ C. i. f. bulk, 1944-October 1946.

¹² Manila type, 1935-41. Atlantic ports, type unspecified, after April 1947.

¹³ Tanks before 1942. Quoted as Cochin type, refined, in 1947. January-May 1947, 1 cent per pound added to original quotations, which were for oil in tankcars.

¹⁴ Converted from price per gallon on the basis of 7.5 pounds per gallon.

¹⁵ Barrels, 1935-39.

¹⁶ Average, July-December.

¹⁷ Barrels, 1935-39; converted from dollars per gallon at the rate of 7.5 pounds per gallon.

¹⁸ Barrels, before September 1939.

¹⁹ Casks, 1935-39.

²⁰ Barrels, 1935-39; drums, carlots, January-April 1947; tanks, October-December 1947.

²¹ An excise tax of 4.5 cents per pound on imports of rapeseed oil became effective Aug. 21, 1936; but on July 1, 1938, rapeseed oil for use in rubber substitutes or lubricating oil was exempted from the tax. Since these are the major uses of rapeseed oil in the United States, the prices shown here are exclusive of tax after June 1938.

²² C. i. f. New Orleans.

²³ Drums, carlots, 1935-November 1944; less than carlots, beginning December 1944.

²⁴ 1935-39, converted from price per gallon on the basis of 7.5 pounds per gallon.

²⁵ Quoted as natural before May 1943.

²⁶ Quoted as soap stock, 50 percent f. f. a., f. o. b. consuming point before March 1943.

²⁷ Barrels, 1935-39. 1944-April 1945, 0.5 cent per pound added to original quotations, which were for oil in returnable drums.

²⁸ Barrels before July 1946.

²⁹ Converted from price per barrel on the basis of 230.4 pounds per barrel.

Bureau of Agricultural Economics. Compiled from Oil, Paint, and Drug Reporter; The National Provisioner; The Journal of Commerce (New York); Chicago Journal of Commerce, and reports of the Production and Marketing Administration and the Bureau of Labor Statistics. Excise taxes and duties are included where applicable.

CHAPTER IV

STATISTICS OF FRUITS, VEGETABLES, MELONS, TREE NUTS, AND BEVERAGE CROPS

These crops are arranged in four groups within the chapter: fruits and berries; vegetables and melons; tree nuts; and beverage crops (coffee, tea, and cacao beans). Summary tables on inspections, unloads, and cold-storage holdings of both fruits and vegetables are near the end of the chapter.

Nine new tables are included this year. There is one on the bearing acreage of principal fruits; world production tables on apricots, cherries, peaches, and plums and prunes; and international trade tables on citrus fruits and pears. Citrus concentrates are presented in another table, and there is a tabulation of the 10-auction-market prices of citrus fruits.

Fruits

Estimates of fruit production pertain to the harvested crop and for some years include quantities not harvested because of low prices or other economic factors. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the total crop produced on farms, including commercial and home production, except for apples and strawberries for which the production relates to commercial areas only. The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations.

The estimates are reviewed (and revised if necessary) at 5-year intervals, when census data show the numbers of trees and harvested production of fruits by kinds, in each State and county. The estimates for census years do not always agree with census data because of allowances for economic abandonment and the varying degree of completeness in the census data. Census data are more likely to be incomplete for types of crops which occur only infrequently in any locality. However, the Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries.

TABLE 210.—*Bearing acreage of 18 fruits, United States, 1929-46*

Year	Apples		Peaches	Pears	Grapes	Cherries	Plums	Prunes	Apricots	Figs	Olives California
	All	Commercial areas ¹									
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	2,137.8	702.2	233.9	768.9	76.8	41.1	244.5	85.8	45.8	28.2	
1930	2,113.7	695.2	235.1	748.1	82.8	39.8	244.4	85.4	46.8	27.3	
1931	2,093.1	687.4	236.5	727.8	89.7	39.2	242.7	84.8	46.2	26.8	
1932	2,071.8	676.1	239.3	713.9	95.8	39.4	239.2	84.8	45.6	26.0	
1933	2,053.2	663.5	239.2	695.8	101.4	38.3	233.8	82.6	43.5	25.6	
1934	2,025.0	1,166.5	648.6	235.1	684.8	105.5	227.3	81.9	41.7	25.0	
1935	1,921.9	1,114.5	633.5	220.5	668.8	106.4	220.5	80.9	40.3	24.9	
1936	1,815.7	1,068.3	614.2	208.6	650.9	106.7	214.8	79.8	39.2	24.7	
1937	1,715.6	1,026.6	598.4	201.5	645.4	106.1	212.6	79.9	39.0	24.8	
1938	1,627.9	988.4	587.5	194.6	638.9	105.8	207.1	78.6	38.5	24.4	
1939	1,553.5	950.4	582.6	188.1	628.8	105.7	201.4	77.7	37.6	24.1	
1940	1,532.4	940.2	597.0	184.0	624.5	105.5	194.9	75.5	36.5	24.0	
1941	1,495.7	919.3	617.0	180.6	627.6	105.8	187.8	73.8	36.0	24.9	
1942	1,470.9	905.7	635.6	178.5	627.7	105.6	183.6	72.7	35.3	25.1	
1943	1,448.9	889.4	651.7	176.6	626.7	106.6	180.9	72.9	34.7	25.1	
1944	1,431.1	884.9	664.6	175.2	625.4	106.9	178.2	72.7	34.6	25.1	
1945	1,426.7	877.7	675.6	174.4	627.2	108.0	177.4	72.9	34.5	25.2	
1946	1,409.0	872.4	683.1	174.1	627.3	108.8	176.8	73.4	34.4	25.1	

Year	Avocados	Oranges (excluding Florida tangerines)	Tangerines, Florida	Grapefruit	Lemons, California	Limes, Florida	Cranberries	Strawberries	18 fruits	
									Including all apples	Including apples in commercial areas only
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	3.3	334.4	15.4	81.3	40.5	1.8	27.4	206.9	5,076.0	-----
1930	3.8	346.1	18.4	88.6	40.7	1.8	27.6	178.5	5,024.1	-----
1931	4.6	369.0	22.0	104.0	41.0	1.7	27.6	156.2	5,000.3	-----
1932	5.8	390.6	22.5	121.9	40.7	1.9	27.3	191.0	5,033.6	-----
1933	7.2	403.7	23.2	141.3	40.2	2.0	26.9	197.5	5,018.9	-----
1934	8.9	425.6	24.1	157.1	40.4	2.1	26.5	197.3	4,994.0	4,135.5
1935	10.2	440.8	25.1	172.2	40.6	2.2	26.3	159.0	4,829.1	4,021.7
1936	11.9	453.7	25.2	182.5	42.1	2.4	26.2	155.3	4,687.3	3,939.9
1937	13.3	467.5	25.3	187.3	45.4	2.9	26.1	143.6	4,567.3	3,878.3
1938	14.2	478.7	25.2	189.4	49.4	3.3	25.8	155.3	4,476.4	3,836.9
1939	14.8	485.2	25.1	190.8	52.0	3.7	25.6	161.1	4,388.4	3,785.3
1940	15.3	497.1	24.5	190.9	54.1	4.3	25.4	164.4	4,379.0	3,786.8
1941	15.5	505.6	24.5	191.7	55.7	6.0	25.4	169.0	4,370.9	3,794.5
1942	15.1	518.2	23.4	193.0	57.1	5.7	25.4	155.8	4,356.8	3,791.6
1943	15.5	526.2	23.4	194.1	60.1	5.4	25.5	111.5	4,314.5	3,755.0
1944	15.8	534.1	23.4	194.6	62.7	5.1	25.7	77.4	4,287.0	3,735.8
1945	16.1	546.3	23.5	196.6	65.5	4.8	26.2	77.6	4,304.1	3,760.1
1946	15.4	554.7	23.7	198.5	66.6	4.5	26.6	91.8	4,324.9	3,788.3

¹ Estimates of the commercial acreage refer to the acreage of apples in the commercial apple areas of each State.

Bureau of Agricultural Economics.

TABLE 211.—Production¹ of 18 fruits in tons, United States, 1929-48

Year	Apples		Peaches	Pears	Grapes	Cherries	Plums	Prunes (fresh basis)	Apricots	Figs (fresh basis)	Olives, Calif- ornia
	All	Com- mercial crop ²									
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929	3,242		1,089	535	2,086	98	44	522	220	61	21
1930	3,759		1,353	668	2,458	122	90	855	198	74	20
1931	4,930		1,868	623	1,647	126	72	685	281	58	16
1932	3,523		1,059	603	2,233	145	74	587	273	64	22
1933	3,567		1,107	591	1,939	136	62	587	271	71	14
1934	3,077	2,544	1,166	693	1,958	138	68	598	154	79	18
1935	4,186	3,370	1,331	642	2,477	146	54	852	228	84	32
1936	2,804	2,353	1,170	673	1,897	124	68	568	257	72	27
1937	4,835	3,676	1,441	721	2,726	148	71	714	324	100	28
1938	3,011	2,537	1,294	781	2,671	144	66	854	185	107	45
1939		3,342	1,541	721	2,449	184	77	673	332	88	23
1940		2,674	1,388	730	2,466	173	74	543	127	112	69
1941		2,933	1,809	719	2,725	162	77	583	214	121	55
1942		3,041	1,601	746	2,396	197	76	542	228	103	57
1943		2,095	1,026	593	2,965	116	78	625	104	134	57
1944		2,910	1,877	773	2,712	196	96	507	352	125	42
1945		1,603	1,957	812	2,781	149	73	711	192	113	30
1946		2,866	2,079	848	3,160	230	106	688	339	129	48
1947		2,713	1,974	868	3,036	172	78	594	202	131	40
1948 ³		2,122	1,568	648	3,044	214	70	544	247	103	58

Year	Avoca- dos	Oranges (exclud- ing Florida tan- gerines)	Tange- rines, Florida	Grape- fruit	Lemons, Calif- ornia	Limes, Florida	Cran- berries	Straw- berries, com- mercial crop	18 fruits	
									Includ- ing all apples	Including apples (commer- cial crop only) in commer- cial areas
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929	.8	1,181	38	435	232	.3	28	232	10,065	
1930	2.8	2,017	108	731	302	.3	29	165	12,952	
1931	3.4	1,808	90	588	292	.4	33	207	13,328	
1932	3.1	1,893	86	581	255	.4	29	236	11,666	
1933	4.7	1,747	90	561	277	.5	35	219	11,279	
1934	11.3	2,337	90	820	408	.6	22	188	11,826	11,293
1935	6.2	1,919	94	693	296	.5	26	195	13,262	12,446
1936	6.8	2,019	135	1,197	288	1.8	25	162	11,495	11,044
1937	7.3	2,776	104	1,198	354	2.8	44	195	15,789	14,630
1938	17.0	2,962	153	1,698	422	3.8	24	180	14,618	14,144
1939	10.0	2,850	108	1,359	455	3.8	35	212	14,463	14,463
1940	15.5	3,213	122	1,669	655	3.2	29	222	14,285	14,285
1941	19.8	3,394	94	1,564	463	6.0	36	225	15,200	15,200
1942	17.7	3,539	189	1,979	588	7.0	41	232	15,580	15,580
1943	25.9	4,293	162	2,191	436	7.6	34	116	15,058	15,058
1944	15.3	4,514	180	2,034	496	10.0	19	79	16,937	16,937
1945	22.4	4,213	189	2,485	571	8.0	33	94	16,036	16,036
1946	16.0	4,767	212	2,330	545	6.8	43	126	18,539	18,539
1947	20.9	4,670	180	2,427	508	6.8	40	160	17,821	17,821
1948 ³	16.1	4,238	198	1,815	359	8.0	48	181	15,481	15,481

¹ For some crops in certain years, production includes some quantities unharvested on account of economic conditions. Apples, peaches, pears, citrus fruit, cranberries, and strawberries, which are estimated in units other than tons, are converted to equivalent tons in this table.

² Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

³ Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1944, table 188.

TABLE 212.—Apples: Production, value, and foreign trade, United States, 1929-48

Year	Apples, total crop				Apples, commercial crop ²				Foreign trade, year beginning July ^{3 4}				
	Total production	Production having value ¹	Season average price per bushel received by farmers	Farm value	Total production	Production having value ¹	Season average price per bushel received by farmers	Farm value	Domestic exports			Imports, fresh and dried, in terms of fresh	Net exports in terms of fresh fruit ⁷
									Fresh ⁵	Dried, in terms of fresh ⁶	Canned, in terms of fresh		
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1929	<i>186,433</i>												
1929	135,102	135,102	1.39	187,792					10,279	3,466	836	312	14,289
1930	156,623	156,623	1.03	161,677					20,340	5,559	640	105	26,437
1931	205,404	203,304	.64	129,230					18,030	4,602	695	82	23,246
1932	146,809	142,589	.61	86,886					13,754	5,690	748	6	20,186
1933	148,640	144,040	.79	113,908					12,261	6,297	439	8 13	18,985
1934	<i>124,237</i>												
1934	128,203	126,858	.89	112,308	106,005	104,757	.88	91,667	8,062	3,571	561	28	12,166
1935	174,407	164,778	.73	120,066	140,398	131,843	.72	94,797	12,239	5,032	900	5	18,166
1936	116,827	115,910	1.04	121,028	98,025	97,295	1.04	101,023	6,755	3,343	503	36	10,564
1937	201,459	185,906	.67	123,818	153,169	141,035	.64	90,757	10,958	4,062	497	5	15,511
1938	125,440	121,249	.83	100,808	105,718	101,850	.82	83,851	12,071	5,112	625	47	17,761
1939	<i>160,093</i>												
1939					139,247	124,729	.64	80,113	3,216	2,490	538	107	6,137
1940					111,436	106,811	.80	85,283	867	514	29	588	822
1941					122,217	119,642	.96	114,796	1,730	2,297	73	11	4,089
1942					126,707	118,368	1.37	161,850	435	1,611	24	541	1,529
1943					87,310	87,310	2.39	208,775	317	2,468	157	178	2,764
1944	<i>135,968</i>												
1944					121,266	119,225	2.21	263,781	1,287	1,663	21	2,396	575
1945					66,796	66,796	3.01	201,041	1,302	615	47	275	1,689
1946					119,410	118,903	2.46	292,757	5,179	1,654	111	1,006	5,938
1947					113,041	108,534	1.79	194,312	2,880	621	86	1,255	2,332
1948 ⁹					88,407	87,559	2.23	195,048					

¹ Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

² Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State. Since 1938, official estimates of apple production have been restricted by law to the commercial crop.

³ Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

⁴ Dried and canned are converted to terms of fresh apples on following basis: 1 pound of dried is equivalent to about 7 pounds fresh through 1942 (beginning 1943, 1 pound dried is equivalent to 8 pounds fresh); 1 pound of canned is

equivalent to about 2 pounds fresh; 48 pounds fresh equal 1 bushel. No reports were reported.

⁵ Excludes apple waste.

⁶ Beginning January 1933, includes apple waste, not separately reported prior to this date.

⁷ Total exports (domestic plus foreign) minus imports. Beginning 1933, domestic exports minus imports for consumption.

⁸ Beginning 1933, imports for consumption.

⁹ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production. Data for 1909-28 in Agricultural Statistics, 1944, table 189.

TABLE 213.—Apples, commercial crop: ¹ Production by varieties, by States and areas, 1947 and 1948

Season and variety	New England		New York		New Jersey		Pennsylvania		Total North Atlantic States		Virginia	
	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²
Summer:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Gravenstein	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels
Other summer	150	114	19	9	19	9	169	123	169	123	155	181
Fall:	146	113	451	352	155	100	132	90	884	655	155	181
Grimes Golden					77	55	265	225	342	280	330	495
Jonathan					39	14	397	360	436	374	125	247
Wealthy	220	189	602	822	77	27	198	180	1,097	1,218		
Other fall	68	58	451	352	97	68	198	135	814	613	280	412
Winter:												
Baldwin	1,449	768	2,106	588	116	28	331	135	4,002	1,519		
Ben Davis and Gano	46	40	762	352			132	135	930	527	255	231
Black Twig (Paragon)					19	14	191	90	210	104	150	214
Cortland	362	314	1,354	1,410			198	90	1,914	1,814		
Delicious	336	256	602	588	174	95	397	270	1,509	1,209	455	577
Golden Delicious	31	28			155	95	265	180	451	303	291	330
McIntosh	3,315	3,018	4,063	3,879	213	109	331	270	7,922	7,276		
Northern Spy	280	223	903	352			66	45	1,249	620		
R. I. Greening	130	76	2,106	1,528	19	6	7	5	2,262	1,615		
Rome Beauty	28	25	602	705	388	450	860	590	1,878	1,770	50	214
Stayman	13	8			272	205	1,322	635	1,607	848	515	865
Winesap					19	28	66	45	85	73	683	1,071
Yellow Newtown ³											280	412
York Imperial					19	5	1,124	950	1,143	955	1,378	2,826
Other winter	317	266	1,053	822	77	56	132	90	1,579	1,234	125	165
Total	6,891	5,496	15,045	11,750	1,935	1,364	6,612	4,520	30,483	23,130	5,072	8,240

Season and variety	West Virginia		North Carolina		Maryland and Delaware		Total South Atlantic States		Ohio		Illinois	
	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²
Summer:	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Gravenstein	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels	bushels
Other summer	85	138	8	10	119	153	367	482	122	97	500	312
Fall:												
Grimes Golden	310	275	23	29	95	96	758	895	182	135	307	120
Jonathan	141	165	8	10	36	59	310	481	425	174	1,000	553
Wealthy					44	77	44	77	122	77	87	72
Other fall	141	83	31	39	48	36	500	570	61	39	84	24
Winter:												
Baldwin									577	136		
Ben Davis and Gano	121	82	15	19	16	17	407	349	30	19	100	24
Black Twig (Paragon)	56	28	23	29	88	84	317	355				
Cortland									40	39		
Delicious	254	192	115	127	111	61	935	957	213	135	335	168
Golden Delicious	85	165	77	117	49	40	502	652	122	136	440	240
McIntosh									122	97		
Northern Spy									30	39		
R. I. Greening									30	19		
Rome Beauty	225	192	61	88	89	165	425	669	456	503	84	72
Stayman	225	192	215	263	209	130	1,164	1,450	182	136	50	24
Winesap	65	55	39	59	20	23	807	1,208			100	96
Yellow Newtown ³									280	412		
York Imperial	1,027	1,045	15	20	270	294	2,690	4,185	30	39		
Other winter	85	138	138	156	78	75	426	534	294	116	1,100	696
Total	2,820	2,750	768	976	1,272	1,310	9,932	13,276	3,038	1,936	4,187	2,401

See footnotes at end of table.

TABLE 213.—Apples, commercial crop:¹ Production by varieties, by States and areas, 1947 and 1948—Continued

Season and variety	Michigan		Missouri		Other Central States ⁴		Total Central States		Idaho		Colorado	
	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Summer:												
Gravenstein.....												
Other summer.....	300	435	116	52	421	287	1,459	1,183	21	15	30	14
Fall:												
Grimes Golden.....	255	270	117	52	335	239	1,196	816	21	15	40	28
Jonathan.....	1,150	800	436	236	898	623	3,909	2,386	590	304	500	475
Wealthy.....	385	400	34	10	364	263	992	822			16	14
Other fall.....	120	95	31	18	207	119	503	295	10	7	20	14
Winter:												
Baldwin.....	510	150			30	6	1,117	292				
Ben Davis and Gano.....	115	90	116	47	242	175	603	355	62	51	227	181
Black Twig (Paragon).....					18	9	18	9				
Cortland.....					72	64	112	103				
Delicious.....	460	180	165	77	404	289	1,577	849	520	333	220	167
Golden Delicious.....	120	75	202	66	518	301	1,402	818	10	15		
McIntosh.....	1,020	850			230	130	1,372	1,077				
Northern Spy.....	775	600			15	12	820	651				
R. I. Greening.....	135	105			5	1	170	125				
Rome Beauty.....					194	143	734	718	622	636	235	251
Stayman.....	50	40	79	41	273	221	634	462	21	15		
Winesap.....			106	63	272	203	478	362	125	101	220	195
Yellow Newtown.....												
York Imperial.....			70	62	82	60	192	161				
Other winter.....	1,005	740	158	141	349	267	2,906	1,960	73	58	60	56
Total.....	6,400	4,830	1,630	865	4,939	3,412	20,194	13,444	2,075	1,450	1,568	1,395

Season and variety	Washington		Oregon		California		Other Western States ⁵		Total Western States		Total 35 States	
	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²	1947	1948 ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Summer:												
Gravenstein.....			43	26	4,211	1,820			4,254	1,846	4,423	1,969
Other summer.....	34	26	7	3	111	59	23	27	226	144	2,936	2,464
Fall:												
Grimes Golden.....							12	15	73	58	2,369	2,049
Jonathan.....	1,975	1,968	71	43	332	176	297	342	3,765	3,298	8,420	6,539
Wealthy.....							9	15	25	29	2,158	2,146
Other fall.....	67	26	15	12	665	411	19	23	796	493	2,613	1,971
Winter:												
Baldwin.....											5,119	1,811
Ben Davis and Gano.....							76	89	365	321	2,305	1,552
Black Twig (Paragon).....							30	29	30	29	575	497
Cortland.....											2,026	1,917
Delicious.....	17,912	13,009	803	763	776	470	260	262	20,491	15,004	24,512	18,019
Golden Delicious.....	603	721							613	736	2,968	2,509
McIntosh.....	67	26					205	178	272	204	9,566	8,557
Northern Spy.....											2,069	1,271
R. I. Greening.....											2,432	1,740
Rome Beauty.....	1,908	1,468	85	59	554	293	185	216	3,589	2,823	6,626	5,980
Stayman.....	435	206					56	45	512	266	3,917	3,026
Winesap.....	9,810	7,754	40	44	222	117	97	71	10,514	8,282	11,884	9,925
Yellow Newtown.....	368	309	1,312	1,327	2,881	1,702			4,561	3,338	4,841	3,750
York Imperial.....							6	8	6	8	4,031	5,309
Other winter.....	301	257	488	391	1,330	822	88	94	2,340	1,678	7,251	5,406
Total.....	33,480	25,760	2,864	2,668	11,082	5,870	1,363	1,414	52,432	38,557	113,041	88,407

¹ Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

² Preliminary. ³ Albemarle Pippin synonymous with Yellow Newtown.

⁴ Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.

⁵ Montana, New Mexico, and Utah.

TABLE 214.—Apples, commercial crop: ¹ Production and season average price per bushel received by farmers, by States, average 1937-46, annual 1946-48

Area and State	Production ²				Price for crop of ⁴ —			
	Average 1937-46	1946	1947	1948 ³	Average 1937-46	1946	1947	1948 ³
Eastern States:								
North Atlantic:					Dollars	Dollars	Dollars	Dollars
Maine.....	686	767	930	949	1.76	3.20	2.80	2.70
New Hampshire.....	736	456	838	612	1.80	3.25	2.40	2.65
Vermont.....	626	424	579	774	1.83	3.15	2.60	2.55
Massachusetts.....	2,489	2,000	2,864	2,194	1.76	3.15	2.25	2.60
Rhode Island.....	227	129	187	143	1.80	3.15	2.55	2.90
Connecticut.....	1,302	1,111	1,273	824	1.91	3.20	2.65	3.00
New York.....	15,059	15,116	15,045	11,750	1.61	2.35	1.45	2.00
New Jersey.....	2,899	2,970	1,935	1,364	1.68	2.60	2.10	2.40
Pennsylvania.....	8,031	8,568	6,612	4,520	1.62	2.50	1.90	1.90
Total.....	32,056	31,541	30,483	23,130	1.64	2.54	1.83	2.17
South Atlantic:								
Delaware.....	839	682	334	382	1.42	2.05	1.85	2.10
Maryland.....	1,737	1,872	938	928	1.42	2.10	1.85	2.10
Virginia.....	10,698	12,975	5,072	8,240	1.43	1.95	1.80	1.60
West Virginia.....	4,242	5,075	2,820	2,750	1.35	2.30	1.90	1.75
North Carolina.....	1,065	1,248	768	976	1.35	2.25	2.20	2.00
Total.....	18,581	21,852	9,932	13,276	1.41	2.07	1.87	1.71
Total Eastern.....	50,637	53,393	40,415	36,406	1.55	2.35	1.84	2.00
Central States:								
North Central:								
Ohio.....	4,360	2,350	3,038	1,936	1.63	2.80	1.90	2.40
Indiana.....	1,452	1,174	1,489	1,018	1.66	2.80	2.05	2.15
Illinois.....	3,136	3,573	4,187	2,401	1.74	2.70	1.75	2.25
Michigan.....	7,233	7,560	6,400	4,830	1.48	2.10	1.35	2.20
Wisconsin.....	704	996	799	642	1.58	2.00	2.10	2.50
Minnesota.....	181	65	272	53	1.64	2.70	2.20	2.95
Iowa.....	198	124	108	131	1.86	2.60	2.50	2.75
Missouri.....	1,343	1,230	1,630	865	1.69	2.65	2.10	2.50
Nebraska.....	226	68	88	102	1.86	2.90	2.30	2.50
Kansas.....	668	514	755	376	1.80	2.85	2.25	2.25
Total.....	19,501	17,654	18,766	12,354	1.57	2.42	1.74	2.29
South Central:								
Kentucky.....	293	278	276	250	1.45	2.45	2.30	2.15
Tennessee.....	355	378	396	273	1.62	2.55	2.40	2.35
Arkansas.....	666	677	756	567	1.46	2.40	1.25	2.00
Total.....	1,313	1,333	1,428	1,090	1.49	2.45	1.82	2.12
Total Central.....	20,814	18,987	20,194	13,444	1.57	2.43	1.74	2.27
Western States:								
Montana.....	276	50	238	214	1.52	3.00	1.95	2.20
Idaho.....	2,307	1,233	2,075	1,450	1.52	2.80	1.30	1.80
Colorado.....	1,501	1,100	1,568	1,395	1.39	2.30	1.95	2.20
New Mexico.....	746	955	620	750	1.59	2.90	2.30	2.10
Utah.....	466	364	505	450	1.57	2.70	2.00	1.95
Washington.....	27,607	32,710	33,480	25,760	1.69	2.80	2.05	2.80
Oregon.....	2,925	2,970	2,864	2,668	1.50	2.50	1.57	2.08
California.....	7,780	7,648	11,082	5,870	1.14	1.78	.93	1.22
Total Western.....	43,607	47,030	52,432	38,557	1.55	2.60	1.77	2.43
Total 35 States.....	115,058	119,410	113,041	88,407	1.53	2.46	1.79	2.23

¹ Estimates of the commercial crop refer to the total production of apples in the commercial apple areas of each State.

² For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1946, 1947, and 1948, estimates of such quantities were as follows (1,000 bushels): 1946—Virginia, 100; 1947—Connecticut, 25; New York, 451; Ohio, 91; Indiana, 30; Illinois, 375; Michigan, 200; Minnesota, 14; Nebraska, 3; Kansas, 23; Arkansas, 113; Montana, 29; Idaho, 58; California, 1,125; 1948—Virginia, 86; Nebraska, 10; Montana, 32; New Mexico, 38; Oregon, 100.

³ Preliminary.

⁴ Prices apply only to that portion of the crop utilized.

⁵ Includes the following quantities harvested but not utilized because of abnormal cullage (1,000 bushels) 1946—New York, 227; Virginia, 100; Idaho, 20; Colorado, 20; Utah, 40; 1947—Vermont, 16; Connecticut, 25; New York, 438; Ohio, 152; Indiana, 70; Michigan, 55; Minnesota, 28; Kansas, 37; Montana, 21; Idaho, 104; Colorado, 232; New Mexico, 37; Utah, 65; Washington, 670; Oregon, 20; 1948—New York, 294; Montana, 41; Idaho, 50; Colorado, 76; New Mexico, 45; Washington, 76.

Bureau of Agricultural Economics.

TABLE 215.—Apples: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48¹

Continent and country	Average		1945	1946	1947	1948 ²
	1935-39	1940-44				
North America:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Canada.....	14,560	13,459	7,635	19,282	15,619	13,404
Mexico.....	1,231	1,831	1,856	2,041	2,025	1,929
United States.....	127,311	115,306	66,796	119,410	113,041	88,407
Total.....	143,102	130,596	76,287	140,733	130,685	103,740
Europe:						
Austria.....	13,386	8,809	10,000	28,448	8,620	11,023
Belgium.....	5,435	6,103	5,511	2,296	13,779	3,215
Bulgaria.....	1,064	3,556	3,569	2,677	1,766	1,500
Czechoslovakia.....	6,991	3,362	3,458	9,619	9,466	12,242
Denmark.....	2,818	4,593	4,409	7,440	6,889	9,186
Finland.....	1,023	1,187	1,075	1,817	1,708	1,500
France:						
Dessert and cooking.....	10,499	9,109	8,471	13,103	16,351	13,411
Cider.....	153,973	114,061	22,307	71,059	66,043	72,323
Germany.....	50,015	43,138	35,000	22,000	54,350	34,079
Greece.....	454	564	815	965	1,291	1,401
Hungary.....	2,145	1,148	689	919	1,415	2,067
Italy.....	13,107	15,010	13,667	12,814	22,230	16,534
Luxemburg:						
Dessert and cooking.....	193	350	274	428	427	300
Cider.....	93	124	16	52	49	25
Netherlands.....	3,631	4,048	3,628	5,300	9,900	7,211
Norway.....	1,080	798	311	1,496	1,188	1,654
Poland.....	17,114	14,785	11,979	7,546	18,640	13,421
Rumania.....	3,255	3,754	5,512	4,134	2,722	2,296
Spain.....	5,411	6,603	6,758	4,646	2,500	3,500
Sweden.....	4,770	3,809	4,455	4,960	5,603	5,971
Switzerland.....	16,452	25,353	12,401	29,854	17,453	30,313
United Kingdom:						
Dessert and cooking.....	10,597	13,831	12,073	16,717	33,073	19,917
Cider.....	3,427	3,266	1,330	5,133	4,947	3,948
Yugoslavia.....	7,098	9,187	8,334	8,911	7,895	5,000
Total.....	334,031	296,538	176,042	262,334	308,305	272,037
Total, excluding cider.....	176,538	179,097	152,389	186,090	237,266	195,741
Asia:						
Lebanon.....	³ 104	³ 294	597	643	597	597
Palestine.....	65	134	226	231	240	200
Syria.....	(⁴)	(⁴)	256	260	257	257
Turkey.....	5,149	3,773	4,098	4,452	2,709	4,528
Japan.....	7,624	10,372	2,967	4,180	7,073	13,962
Korea.....	3,220	5,469	1,640	2,296	3,880	3,200
Total.....	16,162	20,042	9,784	12,062	14,756	22,744
South America:						
Argentina.....	1,400	6,135	8,162	7,173	4,461	8,944
Chile.....	1,025	591	575	900	800	902
Total.....	2,425	6,726	8,737	8,073	5,261	9,846
Africa:						
Tunisia.....	⁵ 115	136	152	184	207	210
Union of South Africa.....	1,142	1,125	900	1,000	1,000	1,000
Total.....	1,257	1,261	1,052	1,184	1,207	1,210
Oceania:						
Australia.....	10,435	11,508	15,267	10,293	13,247	7,800
New Zealand.....	2,875	2,309	2,702	2,100	3,200	2,800
Total.....	13,310	13,817	17,969	12,393	16,447	10,600
World total.....	510,287	468,980	289,871	436,779	476,661	420,177
World total, excluding cider.....	352,794	351,539	266,218	360,535	405,622	343,881

¹ Harvests in Northern Hemisphere countries are for the year shown and are combined with the harvest in Southern Hemisphere countries of the following year.

² Preliminary. ³ Includes Syria. ⁴ Included in Lebanon. ⁵ Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information, and on the basis of postwar boundaries. Estimates in original units of approximately 1 bushel in the following countries: Australia, Canada, Chile, United States, New Zealand, and South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 48 pounds.

TABLE 216.—Apples, commercial crop: Production and utilization, by States and areas, 1947 and 1948 crops

State and area	Production (commercial)	Production having value ¹	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New England States.....	6,891	6,825	639	6,286	5,431	39			816
New York.....	15,045	14,156	667	13,489	7,135	3,140	109	196	2,909
Pennsylvania.....	6,612	6,612	726	5,886	2,966	1,900		60	940
Virginia.....	5,072	5,072	340	4,732	2,472	1,338			7,922
West Virginia.....	2,820	2,820	192	2,628	1,596	640			7,392
Michigan.....	6,400	6,145	325	5,820	3,960	330		200	1,330
Washington.....	33,480	32,810	108	32,702	29,848	247	1,932	84	591
Oregon.....	2,864	2,844	184	2,660	2,277	226		10	147
California.....	11,082	9,957	112	9,845	5,174	650	2,832	30	1,159
Other States.....	22,775	21,293	2,227	19,066	15,946	493	34	104	2,489
North Atlantic States ³	30,483	29,528	2,006	27,522	17,194	5,104	109	256	4,859
South Atlantic States ⁴	9,932	9,932	931	9,001	5,174	2,359	64	53	1,351
Central States ⁵	20,194	19,003	1,857	17,146	13,223	390		250	3,283
Western States ⁶	52,432	50,071	626	49,445	41,234	1,150	4,798	178	2,085
Total, 35 States.....	113,041	108,534	5,420	103,114	76,825	9,003	4,971	737	11,578

CROP OF 1948 ⁸									
State and area	Production (commercial)	Production having value ¹	Farm disposition	Farm disposition	Fresh	Processed	Processed	Processed	Other ²
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New England States.....	5,496	5,496	478	5,018	4,552	21			445
New York.....	11,750	11,456	644	10,812	6,523	2,236	40	184	1,829
Pennsylvania.....	4,520	4,520	480	4,040	2,140	1,050		110	740
Virginia.....	8,240	8,154	500	7,654	4,377	2,115			7,162
West Virginia.....	2,750	2,750	195	2,555	1,550	425			7,580
Michigan.....	4,830	4,830	240	4,590	3,525	275		35	755
Washington.....	25,760	25,684	108	25,576	23,468	229	1,286	56	537
Oregon.....	2,668	2,568	175	2,393	1,951	271			171
California.....	5,870	5,870	112	5,758	2,661	831	1,073	120	1,073
Other States.....	16,523	16,231	1,920	14,311	12,637	343	63	112	1,156
North Atlantic States ³	23,130	22,836	1,662	21,174	14,355	3,322	40	294	3,163
South Atlantic States ⁴	13,276	13,190	1,120	12,070	7,365	2,831	105	321	1,448
Central States ⁵	13,444	13,434	1,451	11,983	10,076	285		60	1,562
Western States ⁶	38,557	38,099	619	37,480	31,588	1,358	2,419	238	1,877
Total, 35 States.....	88,407	87,559	4,852	82,707	63,384	7,796	2,564	913	8,050

¹ Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage (1,000 bushels): In 1947, not harvested, Connecticut, 25; New York, 451; Ohio, 91; Indiana, 30; Illinois, 375; Michigan, 200; Minnesota, 14; Nebraska, 3; Kansas, 23; Arkansas, 113; Montana, 29; Idaho, 58; California, 1,125; abnormal cullage, Vermont, 16; Connecticut, 25; New York, 438; Ohio, 152; Indiana, 37; Michigan, 55; Minnesota, 28; Kansas, 37; Montana, 21; Idaho, 104; Colorado, 232; New Mexico, 37; Utah, 65; Washington, 670; Oregon, 20; in 1948, not harvested, Virginia, 86; Nebraska, 10; Montana, 32; New Mexico, 38; Oregon, 100; abnormal cullage, New York, 294; Montana, 41; Idaho, 50; Colorado, 76; New Mexico, 45; Washington, 76.

² Mostly fruit crushed for vinegar, cider, and juice. For some minor States, small quantities canned, dried, and frozen are included.

³ Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

⁴ Delaware, Maryland, Virginia, West Virginia, and North Carolina.

⁵ Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.

⁶ Montana, Idaho, Colorado, New Mexico, Utah, Washington, Oregon, and California.

⁷ Includes some quantities dried and/or frozen, which are shown under those categories in the totals for the South Atlantic and the 35 States.

⁸ Preliminary.

Bureau of Agricultural Economics.

TABLE 217.—Apples, commercial crop: Production and utilization, United States, 1939-48 crops

Crop of	Production (commercial)	Production having value ¹	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other ²
1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1939	139,247	124,729	7,555	117,164	83,839	8,195	8,172	-----	16,958
1940	111,436	106,811	6,673	100,138	78,195	6,571	4,263	-----	11,104
1941	122,217	119,642	6,680	112,962	79,629	11,649	6,165	-----	15,519
1942	126,707	118,368	6,404	111,964	77,853	10,481	7,376	-----	16,254
1943	87,310	87,310	4,851	82,459	58,103	6,592	6,692	1,114	9,958
1944	121,266	119,225	6,113	113,112	77,808	9,258	7,015	2,221	16,810
1945	66,796	66,796	2,881	63,915	47,431	3,859	4,684	2,439	5,502
1946	119,410	118,903	5,625	113,278	76,374	13,034	5,713	2,092	16,065
1947	113,041	108,534	5,420	103,114	76,825	9,003	4,971	737	11,578
1948 ³	88,407	87,559	4,852	82,707	63,384	7,796	2,564	913	8,050

¹ Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.
² Mostly fruit crushed for vinegar, cider, and juice. For some minor States in some years, small quantities canned, dried, and frozen are included.
³ Preliminary.

Bureau of Agricultural Economics. Data for 1934-38 in Agricultural Statistics, 1946, table 211.

TABLE 218.—Apples, western: Average auction price per box, all grades, New York, 1939-48

Season beginning July—	Gravenstein	Jonathan	Esopus Spitzenberg	Golden Delicious	Rome Beauty	Delicious ¹	Yellow Newtown	Winesap	Average ²
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939	1.51	1.29	1.61	1.88	1.69	1.99	2.04	2.05	1.94
1940	2.18	1.65	1.58	1.97	1.78	2.09	1.84	1.94	1.97
1941	1.57	1.56	1.97	2.24	1.82	2.19	2.55	2.74	2.29
1942	2.62	-----	2.42	3.35	2.51	3.46	3.57	4.38	3.53
1943	4.42	3.52	-----	4.00	3.28	3.62	3.45	3.55	3.63
1944	3.72	3.12	3.55	3.94	3.59	3.82	3.73	3.83	3.77
1945	4.69	4.51	4.52	4.38	4.42	4.38	4.53	4.48	4.42
1946	2.45	3.10	2.98	4.15	3.26	4.49	4.28	4.58	4.35
1947	2.73	3.31	2.53	3.59	2.63	3.67	2.37	3.64	3.43
1948	3.24	3.24	3.81	4.68	4.36	4.72	2.76	3.87	4.28

¹ Includes Red Delicious.
² Average of varieties shown in this table.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day.

TABLE 219.—Apples, eastern: Average wholesale price per bushel, New York, 1939-48

Season beginning July—	Baldwin	Delicious	Duchess	Greening	McIntosh ¹	North-Spy	Stayman Winesap	Transparent	Williams Red	York Imperial
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939	1.02	1.28	.72	.90	1.27	1.01	.76	.92	1.17	1.12
1940	1.08	1.40	.86	1.12	1.63	-----	1.04	1.12	1.12	1.10
1941	1.49	1.72	.76	1.32	1.69	1.43	1.59	.86	.97	1.86
1942	1.85	2.14	1.20	1.42	1.95	1.84	1.12	1.23	1.70	2.08
1943	3.50	3.46	2.14	3.04	3.42	3.61	2.87	2.94	3.18	3.76
1944	2.54	3.34	1.84	2.53	3.27	2.95	2.47	2.79	2.97	2.87
1945	4.79	4.73	3.09	4.63	4.65	4.73	4.65	3.70	3.95	4.85
1946	2.29	3.31	2.02	2.34	3.88	2.36	1.99	3.78	3.89	3.09
1947	1.69	2.66	1.39	2.11	2.69	1.77	-----	-----	2.89	2.15
1948	2.98	3.56	2.74	2.60	3.52	2.77	-----	-----	3.49	3.39

¹ New York State only, 1939.

Bureau of Agricultural Economics. Compiled from daily market news reports of the Production and Marketing Administration. Prices are based on good merchantable quality and condition, 2½-inch minimum fruit, in less than carlot quantities. Average for season is simple average of monthly averages.

TABLE 220.—Apples: International trade, average 1935-39, annual 1946-48

Classification and country	Average 1935-39		1946		1947		1948	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Exporting countries:								
Canada	6,404	225	4,731	232	3,414	400	2,265	60
United States	9,730	27	2,864	1,038	4,553	1,211	2,098	1,324
United States ¹	149	0	147	0	182	0	54	0
Bulgaria	296	0						
Denmark	44	105	209	85	311	0	1,148	0
France:								
Table	393	1,425	50	561	217	168	109	83
Cider	1,892	1	(²)	116	126	8	311	0
Greece	14	1	0	0	0	0	0	0
Hungary	195	66						
Italy	2,420	0	768	0	2,774	0	2,604	0
Netherlands	539	790	79	11	218	176	210	879
Portugal	27	0						
Rumania	6	0			71	0		
Spain	4	25	14	0	25	0		
Switzerland: ³								
Table	948	931	1,893	231	930	466	3	227
Cider	431	438	180	2	114	1	1,092	(²)
Yugoslavia	1,095	2						
Korea (Chosen)	359	0			54		15	
Korea (Chosen) ⁶	463	0						
Japan	181	0						
Syria and Lebanon ⁷	55	9	114	2	272	6	44	2
Turkey	55	0	165	0	54	0	9	0
Argentina	255	134	1,105	0	885	0	360	0
Chile	525	0	301	0	260	0	117	0
Union of South Africa	274	59	141					
Australia ⁸	4,017	0	1,455	0	807	0	2,933	0
New Zealand	893	4	253	(²)	5	0	821	0
Total	31,614	4,242	14,469	2,278	15,272	2,436	14,193	2,575
Importing countries:								
Iceland	0	3	0	23	0	(²)	0	(²)
Newfoundland	0	97	0	158	0	135	0	55
Mexico	0	31	0	191	0	162	0	20
Cuba	0	102	0	260	0	325	0	276
Panama, Republic of	0	22	0	14	0	20	0	18
Puerto Rico ⁹	0	31	0	43	0	54	0	54
Austria	228	491		56	(²)	270	1	198
Belgium	397	1,657	348	1,145	132	368	29	1,789
Czechoslovakia	26	1,339		266	1	2,057		59
Ireland (Eire)	7	310	70	(²)	1	52	1	77
Finland	0	193	0	47	0	213	0	
Germany	1	6,323	8	54		151		125
Norway	1	162	0	118	0	41	0	22
Poland	(²)	5						
Sweden	12	693	(²)	1,504	(²)	1,124	0	756
United Kingdom ¹⁰	0	13,638	0	4,286	0	3,477	0	4,565
China	60	146	1	30	(²)	3	3	1
Egypt	2	213	0	141	0	125	0	46
Japan ¹¹	6	463						
Manchuria	0	392	0	0	0	0	0	0
Indonesia (N. I.)	0	79						3
Palestine	0	272	0	280	0	568		
Philippines, Republic of	0	118	0	176	0	488	0	1,017
Brazil	0	306	0	981	0	1,032	0	684
Uruguay	0	3						
Algeria	1	101						
Belgian Congo	0	8						
Indochina ⁴	0	68						
Hawaii	0	118	0	104	0	128	0	
Total	735	27,384	427	9,877	134	10,793	34	9,765
Grand total	32,349	31,626	14,896	12,155	15,406	13,229	14,227	12,340

¹ Shipments from the United States to Puerto Rico and Hawaii.² Less than 500 bushels.⁷ Includes guinces.³ 5 months: August-December 1945.⁸ Fiscal year.⁴ Less than 5 years.⁹ Trade with United States.⁵ Includes pears.¹⁰ Reexports deducted.⁶ Trade with Japan.¹¹ Trade with Korea.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information.

TABLE 221.—Apricots: Production, season average price per ton received by farmers, and value, 3 States, and exports, United States, 1929-48¹

Year	California			Washington			Utah			California, Washington, and Utah			Domestic exports, year beginning July				
	Production ²	Price	Farm value	Production ²	Price	Farm value	Production ²	Price	Farm value	Production ²	Price	Farm value	Fresh	Canned	Dried ³	Dried, in fruit salad ^{3,4}	Total in terms of fresh ⁵
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	1,000 pounds	Tons	Tons	Tons
1929	212,000	64.40	13,653	6,500	75.00	488	1,900	74.40	141	220,400	64.80	14,282	-----	33,235	9,550	82	62,941
1930	194,000	40.30	7,456	3,600	51.00	184	800	60.30	48	198,400	40.59	7,688	-----	19,024	11,824	896	73,065
1931	274,000	30.10	8,127	6,000	32.50	195	1,000	31.80	32	281,000	30.16	8,354	-----	23,161	18,811	960	110,982
1932	266,000	18.90	4,782	4,800	26.90	129	1,750	24.20	42	272,550	19.08	4,953	-----	19,504	17,135	870	100,429
1933	268,000	30.10	8,067	2,300	61.00	140	800	65.00	52	271,100	30.46	8,259	-----	24,315	18,308	738	107,725
1934	139,000	55.00	7,645	11,300	46.10	512	3,400	47.60	162	153,700	54.20	8,319	-----	10,549	7,598	703	46,932
1935	216,000	46.30	10,001	9,800	59.00	507	1,700	44.20	75	227,500	46.77	10,583	-----	26,754	13,294	892	83,729
1936	248,000	38.30	9,498	7,200	64.00	461	1,800	32.20	58	257,000	38.98	10,017	-----	23,731	14,682	554	88,147
1937	311,000	37.60	11,694	11,800	60.00	708	1,650	67.70	112	324,450	38.57	12,514	-----	2,576	26,930	16,339	800
1938	166,000	36.60	6,076	14,500	32.90	405	4,900	23.30	114	185,400	36.00	6,595	-----	1,536	33,076	14,420	1,286
1939	312,000	33.40	10,154	14,300	39.10	547	5,200	21.10	110	331,500	33.40	10,811	-----	1,546	33,145	15,960	962
1940	103,000	53.60	5,521	16,300	39.80	629	7,800	27.20	212	127,100	50.30	6,362	-----	1,311	610	1,454	221
1941	198,000	46.10	9,128	14,600	41.90	612	1,300	75.30	98	213,900	46.00	9,838	-----	1,284	6,040	7,312	187
1942	204,000	69.90	13,010	21,000	80.30	1,686	3,100	96.60	299	228,100	71.20	15,895	-----	2,136	12,010	5,365	130
1943	80,000	121.00	9,680	15,400	200.00	3,080	9,000	113.00	1,017	104,400	132.00	13,777	-----	2,128	9,661	6,037	(?)
1944	324,000	108.00	34,992	23,100	135.00	3,195	4,700	117.00	550	351,800	110.00	38,660	-----	1,245	21,751	7,897	1
1945	159,000	118.00	18,762	22,500	142.00	3,195	10,000	91.00	860	191,500	119.00	22,817	-----	1,249	31,443	1,369	238
1946	306,000	106.00	32,436	27,300	113.00	3,085	5,400	93.60	505	338,700	106.00	36,026	-----	3,619	33,242	3,429	1,265
1947	169,000	86.40	14,602	28,000	106.00	2,760	4,500	95.00	428	201,500	89.20	17,790	-----	1,950	11,969	2,409	16
1948 ⁶	219,000	68.20	13,163	20,300	82.40	1,513	7,300	95.00	374	246,600	69.00	15,050	-----	-----	-----	-----	-----

¹ Of the 43 States reported in the 1940 census as producing apricots, California, Washington, and Utah had 93 percent of the production.

² Includes the following quantities unharvested on account of economic conditions (tons): California, 1930—9,000; 1931—4,000; 1932—13,000; 1939—8,000; 1942—5,000; 1948—26,000. Washington, 1934—200; 1935—1,200; 1938—2,200; 1939—300; 1940—500; 1947—1,960; 1948—1,940. Utah, 1945—550; 1948—500. Price and value apply only to that portion of the crop utilized.

³ Net processed weight.

⁴ Dried apricots are 12½ percent of total dried fruit for salad.

⁵ Exports of dried fruit converted to unprocessed dry weight by dividing by

1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis of 5.5 tons fresh to 1 ton dried. Canned converted to fresh at ratio of 55 cases (45 pounds each) packed from 1 ton of fresh fruit through 1938; beginning 1939 at ratio of 60 cases to 1 ton.

⁶ Jan. 1 to June 30; not segregated prior to that time.

⁷ Less than ½ ton.

⁸ Preliminary.

Bureau of Agricultural Economics. Exports compiled from records of Department of Commerce.

TABLE 222.—*Apricots: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48*

Continent and country	Average		1945	1946	1947	1948 ¹
	1935-39	1940-44				
North America:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Canada.....	1,255	2,065	2,175	3,675	2,900	3,800
Mexico.....	3,580	4,508	5,109	5,512	5,500	5,500
United States.....	265,170	204,960	191,500	338,700	201,500	246,600
Total.....	270,005	211,533	198,784	347,887	209,900	255,900
Europe:						
Aegean Islands.....	265	295	300	283	198	255
Austria.....	3,973	1,571	4,971	9,755	6,848	1,102
Czechoslovakia.....	7,459	3,295	10,416	15,817	12,043	8,325
France.....	17,867	24,812	41,535	24,021	48,501	21,780
Germany.....	1,046	138	438	666	1,551	1,314
Hungary.....	26,560	8,791	27,558	24,692	19,620	18,841
Italy.....	27,594	23,012	24,216	22,427	15,045	20,229
Luxemburg.....	12	51	86	50	101	27
Rumania ²	20,886	17,325	16,500	16,535	3,429	1,100
Spain.....	59,121	71,692	74,849	77,666	40,000	60,000
Switzerland.....	1,610	3,461	4,519	7,937	3,637	3,858
Yugoslavia.....	16,472	13,790	15,100	12,321	3,249	2,772
Total.....	182,865	168,233	220,488	212,170	154,222	139,603
Asia:						
Iran.....	85,775	104,340	44,092	93,695	55,115	49,604
Lebanon.....	(³)	(³)	3,307	4,960	5,512	7,055
Palestine.....	6,572	5,868	4,697	7,046	7,000	7,000
Syria.....	4 26,440	4 23,129	23,082	23,519	17,697	38,580
Turkey ⁴	18,088	18,069	15,934	15,878	8,418	9,307
Total.....	136,875	151,406	91,112	145,098	93,742	111,546
South America:						
Argentina.....	7,000	10,130	8,708	8,653	8,807	8,800
Chile.....	600	507	825	740	1,323	1,433
Total.....	7,600	10,637	9,533	9,393	10,130	10,233
Africa:						
Tunisia.....	* 3,086	4,519	5,512	6,614	3,307	5,000
Oceania:						
Australia.....	25,038	27,101	24,905	27,875	34,898	25,000
New Zealand.....	1,851	1,539	2,058	1,464	2,033	2,709
Total.....	26,889	28,640	26,963	29,339	36,931	27,709
World Total.....	627,320	574,968	552,392	750,501	508,232	549,991

¹ Preliminary. ² Includes peaches. ³ Included in Syria. ⁴ Includes Lebanon. ⁵ Does not include wild apricots. ⁶ Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information. Estimates of countries having boundary changes have been adjusted to post-war boundaries. Production is from bloom of year shown and includes apricots produced for fresh consumption, drying, and processing.

TABLE 223.—*Apricots: Production and utilization, 3 States,¹ 1939-48 crops*

Crop of	Production	Production having value ²	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Dried	Frozen	Other ³
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1939.....	331,500	323,200	2,880	320,320	34,510	60,000	225,500	-----	4310
1940.....	127,100	126,600	2,920	123,680	26,160	38,920	58,300	-----	4300
1941.....	213,900	213,900	2,790	211,110	26,700	75,630	108,400	-----	100
1942.....	228,100	223,100	2,830	220,270	33,500	70,760	114,400	1,060	550
1943.....	104,400	104,400	3,060	101,340	33,040	22,550	36,100	9,580	70
1944.....	351,800	351,800	3,200	348,600	56,100	129,440	141,670	21,170	220
1945.....	191,500	190,950	3,100	187,850	44,490	67,450	42,900	32,670	340
1946.....	338,700	338,700	3,140	335,560	46,470	167,990	99,750	21,950	400
1947.....	201,500	199,540	3,150	196,390	41,760	66,480	84,200	3,830	120
1948 ⁴	246,600	218,160	3,200	214,960	41,170	104,210	68,200	1,290	90

¹ California, Washington, and Utah.² Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions.³ Includes fruit used for wine, jelly, etc., and prior to 1944 small quantities dried in Washington.⁴ Includes small quantities frozen in Washington in 1939 and 1940.⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1934-38 in Agricultural Statistics, 1946, table 215.

TABLE 224.—*Apricots: Production and utilization, by States, 1947 and 1948 crops*

CROP OF 1947

State	Production	Production having value ¹	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned ²	Dried	Frozen	Other ³
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
California.....	169,000	169,000	1,700	167,300	20,700	60,500	84,200	1,900	-----
Washington.....	28,000	26,040	750	25,290	18,340	5,100	-----	1,730	120
Utah.....	4,500	4,500	700	3,800	2,720	880	-----	200	-----
3 States.....	201,500	199,540	3,150	196,390	41,760	66,480	84,200	3,830	120

CROP OF 1948⁴

California.....	219,000	193,000	1,700	191,300	20,900	101,500	68,200	700	-----
Washington.....	20,300	18,360	800	17,560	14,800	2,080	-----	590	90
Utah.....	7,300	6,800	700	6,100	5,470	630	-----	-----	-----
3 States.....	246,600	218,160	3,200	214,960	41,170	104,210	68,200	1,290	90

¹ Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions (tons): In 1947, Washington, 1,960; in 1948, California, 26,000; Washington, 1,940; Utah, 500.² Includes some quantities of California apricots used for jam and nectar.³ Includes fruit used for wine, jelly, etc.⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 225.—*Avocados: Production, season average price per ton received by farmers, and value, California and Florida, and imports, United States, 1929-48*

Year	California			Florida			California and Florida			Imports, year beginning July ²
	Production	Price ¹	Farm value	Production	Price ¹	Farm value	Production	Price ¹	Farm value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons
1929.....	400	658	263	420	142	60	820	394	323	3,372
1930.....	2,150	260	559	620	192	119	2,770	245	678	4,896
1931.....	2,600	166	432	820	145	119	3,420	161	551	5,097
1932.....	1,700	171	291	1,400	88	123	3,100	134	414	4,940
1933.....	2,500	168	420	2,200	98	216	4,700	135	636	6,332
1934.....	9,300	87	809	2,000	75	150	11,300	85	959	2,811
1935.....	5,200	172	894	1,000	95	95	6,200	166	989	3,765
1936.....	6,200	130	806	600	120	72	6,800	129	878	4,559
1937.....	5,300	152	806	2,000	95	190	7,300	136	996	5,692
1938.....	14,900	86	1,281	2,100	64	134	17,000	83	1,415	5,158
1939.....	7,800	144	1,123	2,200	68	150	10,000	127	1,273	3,692
1940.....	14,600	107	1,562	880	98	86	15,480	106	1,648	5,854
1941.....	18,600	101	1,879	1,250	100	125	19,850	101	2,004	5,342
1942.....	15,600	212	3,307	2,100	136	286	17,700	203	3,593	8,865
1943.....	21,300	228	4,856	4,600	120	552	25,900	209	5,408	1,718
1944.....	9,500	522	4,959	5,800	140	812	15,300	377	5,771	1,018
1945.....	19,200	297	5,702	3,200	144	461	22,400	275	6,163	446
1946.....	14,400	388	5,587	1,600	336	538	16,000	383	6,125	2,444
1947.....	18,600	400	7,440	2,300	200	460	20,900	378	7,900	2,992
1948 ³	13,000	385	5,005	3,100	180	558	16,100	346	5,563	-----

¹ Equivalent returns per ton for bulk fruit at the first delivery point.

² Data for 1929 and 1930 compiled from reports of Federal Horticultural Board and Bureau of Plant Quarantine; beginning 1931, from Department of Commerce reports.

³ Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 288.

TABLE 226.—*Bananas: United States supply, 1929-48*

Year	Imports for consumption		Receipts from Hawaii and Puerto Rico		Year	Imports for consumption		Receipts from Hawaii and Puerto Rico	
	1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches		1,000 bunches	1,000 bunches	1,000 bunches	1,000 bunches
1929.....	65,134			200	1939.....	57,128			192
1930.....	62,828			149	1940.....	52,336			112
1931.....	55,857			126	1941.....	51,662			89
1932.....	49,457			91	1942.....	27,199			0
1933.....	39,613			94	1943.....	24,729			0
1934.....	47,679			90	1944.....	31,686			0
1935.....	55,019			99	1945.....	40,933			0
1936.....	58,302			99	1946.....	53,933			0
1937.....	66,587			91	1947.....	60,105			0
1938.....	59,243			192	1948 ¹	59,213			0

¹ Preliminary.

Bureau of Agricultural Economics. Bunches as reported in this table are of various weights, but the average weight of a medium-sized bunch of bananas is approximately 50 pounds net. Included in the "receipts" in this table are plantains from Puerto Rico as follows: 79,000 bunches in 1938; 78,000 bunches in 1939, and 6,000 bunches in 1940. All figures obtained from Foreign Commerce and Navigation of the United States Department of Commerce.

TABLE 227.—Bananas: International trade, average 1934-38, annual 1942-48

Continent and country	Average 1934-38	1942	1943	1944	1945	1946	1947	1948 ¹
EXPORTS FROM SPECIFIED EXPORTING COUNTRIES	<i>1,000 bunches of 50 lb.</i>	<i>1,000 bunches of 50 lb.</i>	<i>1,000 bunches of 50 lb.</i>	<i>1,000 bunches of 50 lb.</i>	<i>1,000 bunches of 50 lb.</i>	<i>1,000 bunches of 50 lb.</i>	<i>1,000 bunches of 50 lb.</i>	<i>1,000 bunches of 50 lb.</i>
North America:								
British Honduras.....	612	97	42	195	145	85	162	134
Costa Rica.....	4,217	2,267	2,386	1,884	2,479	4,920	6,178	8,398
Guatemala.....	7,370	5,019	2,546	4,919	8,547	9,758	14,884	14,332
Honduras.....	² 12,353	6,514	6,146	10,404	13,138	14,184	15,211	15,326
Mexico.....	12,230	3,548	4,830	3,981	3,502	5,039	5,641	4,527
Nicaragua.....	2,168	58	0	8	85	220	327	424
Panama, Republic of.....	8,027	3,324	1,323	1,624	3,600	³ 7,266	³ 6,384	³ 6,790
Panama Canal Zone.....	1,541	555	0	5	43	(⁴)	(⁴)	(⁴)
Cuba.....	5,316	1,916	1,316	1,083	1,162	1,952	1,901	1,251
Dominica.....	57	12	3	3	3	3	4	4
Dominican Republic.....	88	620	611	377	971	1,221	930	1,390
Grenada.....	65	14	9	6	2	3	7	10
Guadeloupe.....	1,553	100	138	112	462	838	1,404	2,158
Haiti ⁵	489	1,159	362	1,734	2,409	3,528	4,381	2,128
Jamaica.....	14,824	943	202	782	1,258	4,194	3,957	4,224
Martinique.....	1,192	5	2	4	(⁶)	144	483	1,247
St. Lucia.....	56	2	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)	(⁷)
St. Vincent.....	22	1	0	0	0	0	0	0
Trinidad and Tobago.....	71	0	0	0	(⁷)	2	2	2
Total.....	72,251	26,154	19,916	27,121	37,806	53,357	61,856	62,345
Asia:								
Syria and Lebanon.....	4	(⁷)	0	(⁷)	11	15	15	20
Japan ⁸	186	58	66	0	0	0	0	0
Formosa ⁹	5,378	1,890	0	0	0	0	0	0
Formosa.....	704	231	996	529	0	173	412	600
Indonesia (N.I.).....	126	0	0	0	0	0	0	0
Total.....	6,398	2,179	1,062	529	11	188	427	620
South America:								
Brazil.....	8,714	2,444	1,824	2,152	2,823	4,664	5,653	7,180
Colombia.....	7,122	296	1	532	1,316	1,820	2,739	3,697
Ecuador.....	2,100	968	677	595	763	1,432	2,956	4,206
Surinam.....	3	0	0	0	0	0	0	0
Venezuela.....	105	206	344	206	300	400	586	700
Total.....	18,044	3,914	2,846	3,485	5,202	8,316	11,934	15,783
Africa:								
Algeria.....	5	0	0	0	0	0	0	0
Belgian Congo.....	58	35	40	40	51	78	88	200
Canary Islands.....	5,861	4,521	4,400	5,061	5,512	5,844	6,120	6,400
Egypt.....	17	0	0	5	6	7	7	18
Eritrea.....	885	0	0	0	0	0	22	16
French Cameroon.....	719	0	0	0	0	207	751	800
French Guinea.....	1,778	57	44	35	16	252	1,094	1,265
Ivory Coast.....	295	(⁷)	0	0	0	75	285	541
Gold Coast.....	33	(⁷)	(⁷)	1	(⁷)	(⁷)	(⁷)	(⁷)
Mozambique.....	443	979	1,199	951	1,086	540	663	455
Nigeria and Cameroon.....	1,982	1	1	(⁷)	(⁷)	205	891	1,528
Sao Tome and Principe.....	9	5	7	7	18	20	20	20
Total.....	12,085	5,598	5,691	6,100	6,689	7,228	9,941	11,243
Oceania:								
Fiji.....	286	183	154	74	140	156	233	300
Hawaii ¹⁰	98	0	0	0	0	0	0	0
Tonga Islands.....	31	81	63	48	52	50	50	100
Western Samoa.....	238	131	105	53	180	205	163	174
Total.....	653	395	322	175	372	411	446	574
World total.....	109,431	38,240	29,837	37,410	50,080	69,500	84,604	90,565

See footnotes at end of table.

TABLE 227.—Bananas: International trade, average 1934-38, annual 1942-48—Continued

Continent and country	Average 1934-38	1942	1943	1944	1945	1946	1947	1948 ¹
IMPORTS INTO SPECIFIED IMPORTING COUNTRIES ¹¹	1,000 bunches of 50 lb.	1,000 bunches of 50 lb.	1,000 bunches of 50 lb.	1,000 bunches of 50 lb.	1,000 bunches of 50 lb.	1,000 bunches of 50 lb.	1,000 bunches of 50 lb.	1,000 bunches of 50 lb.
North America:								
Canada.....	2,488	756	840	2,113	3,647	4,856	3,806	3,369
United States ¹²	59,498	23,363	20,745	27,244	36,862	46,626	54,176	57,145
Total.....	61,986	24,119	21,585	29,357	40,509	51,482	57,982	60,514
Europe:								
Belgium.....	986	1	0	0	4	465	1,764	1,298
Denmark.....	161	0	0	0	10	2	(?)	(?)
Ireland (Eire).....	247	0	3	0	0	39	169	265
Finland.....	110	0	0	0	(?)	(?)	(?)	0
France.....	7,522	27	(?)	17	3	1,102	3,772	6,297
Germany.....	5,281	11	0	0	0	0	0	0
Italy.....	845	0	0	0	0	1	9	35
Netherlands.....	1,367	(?)	0	0	0	37	76	49
Norway.....	322	0	0	0	54	184	135	0
Spain.....	2,268	3,449	2,796	2,117	2,336	1,521	5,258	5,300
Sweden.....	439	0	0	1	83	956	575	284
Switzerland.....	291	104	163	100	164	324	334	411
United Kingdom.....	13,071	0	0	0	50	4,549	4,698	6,639
Total.....	32,910	3,592	2,962	2,235	2,704	9,180	16,790	20,578
Asia:								
Iraq.....	12	0	(?)	(?)	(?)	0	0	0
Japan ¹³	5,378	1,890	0	0	0	0	0	0
Korea ¹⁴	186	63	66	0	0	0	0	0
Palestine.....	0	41	67	92	110	170	200	200
Total.....	5,576	1,989	133	92	110	170	200	200
South America:								
Argentina.....	6,394	2,575	1,593	1,953	2,108	3,169	4,540	6,000
Chile.....	584	653	426	648	651	849	1,129	1,031
Uruguay.....	360	418	382	320	334	696	786	900
Total.....	7,338	3,646	2,401	2,921	3,093	4,714	6,455	7,931
Africa:								
Algeria.....	233	(?)	0	0	0	0	0	0
South West Africa.....	4	6	7	10	6	10	10	10
Spanish Morocco.....	16	9	14	24	28	30	30	30
Union of South Africa.....	232	500	624	478	553	285	570	402
Total.....	485	515	645	512	587	325	610	442
Oceania:								
Australia.....	72	(?)	0	0	0	0	0	(?)
New Zealand.....	505	483	359	222	368	494	466	549
Total.....	577	483	359	222	368	494	466	549
Other countries ¹⁴	411	0	996	529	0	173	412	400
World total.....	109,283	34,344	29,081	35,868	47,371	66,538	82,915	90,614

¹ Preliminary.² Crop years Aug. 1-July 31, 1933-34 through 1936-37; Aug. 1-June 30, 1937-38; July 1-June 30, 1939; subsequent years are calendar years.³ Includes Panama Canal Zone.⁴ Included in Panama Republic.⁵ Year beginning Oct. 1.⁶ Not available.⁷ Less than 500 bunches.⁸ Trade with Korea.⁹ Trade with Japan.¹⁰ Shipments to United States.¹¹ Reexports have been deducted.¹² Includes shipments from Hawaii.¹³ Trade with Formosa.¹⁴ China, except the 1934-38 average which includes the following: Austria 43,000, Czechoslovakia 125,000, Hungary and Estonia each 2,000, Latvia and Lithuania each 5,000, Malta 18,000, Tangier 10,000, French Morocco, 92,000, Tunisia 109,000.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, and other information. All figures have been converted to equivalent bunches of 50 pounds.

TABLE 228.—Cherries: Production, season average price per ton received by farmers, and value, 12 States,¹ and foreign trade, United States, 1929-48

Year	All varieties				Foreign trade, year beginning July			
	Total production	Production having value ²	Price	Farm value	Domestic exports		Imports	
					Canned	Fresh	Natural, sulphured, or in brine	Dried or preserved
	Tons	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929.....	98,320	96,320	159.22	15,336	1,897	.....	22,362	866
1930.....	122,350	120,450	127.26	15,329	1,232	.....	7,926	1,280
1931.....	126,350	116,200	65.90	7,658	643	.....	5,943	148
1932.....	144,560	130,320	42.35	5,519	581	.....	1,702	99
1933.....	136,080	132,480	55.34	7,331	1,040	.....	1,684	67
1934.....	137,530	133,410	58.62	7,821	1,403	.....	1,492	26
1935.....	145,670	143,960	70.70	10,178	1,646	³ 797	1,544	26
1936.....	123,520	119,520	76.19	9,106	1,870	644	902	28
1937.....	147,580	144,030	104.42	15,039	2,656	1,470	1,831	58
1938.....	144,210	131,810	66.19	8,725	5,911	2,059	1,107	27
1939.....	184,490	177,580	61.30	10,891	2,613	755	2,167	29
1940.....	172,820	169,510	78.60	13,321	821	1,044	41	(⁴)
1941.....	161,690	159,080	107.00	16,944	1,005	1,001	21	(⁴)
1942.....	196,520	184,760	120.00	22,243	788	886	8	(⁴)
1943.....	116,210	111,900	211.00	23,651	258	805	20	62
1944.....	195,510	195,010	212.00	41,290	254	1,121	4	13
1945.....	149,020	147,810	268.00	39,658	1,176	776	135	(⁴)
1946.....	229,620	228,570	291.00	66,411	2,726	2,038	4,592	3
1947.....	172,140	170,470	225.00	38,333	1,135	1,612	10,495	3
1948 ⁵	214,380	214,210	218.00	46,721	.....	.....	.....	.....

Year	Sweet varieties				Sour varieties			
	Total production	Production having value ²	Price	Farm value	Total production	Production having value ²	Price	Farm value
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Dollars	1,000 dollars
1938.....	79,360	67,910	75.70	5,139	64,850	63,900	56.10	3,586
1939.....	87,720	81,620	82.70	6,750	96,770	95,960	43.20	4,141
1940.....	68,130	66,030	111.00	7,317	104,690	103,480	58.00	6,004
1941.....	80,290	79,380	117.00	9,253	81,400	79,700	96.50	7,691
1942.....	91,230	80,720	141.00	11,402	105,290	104,040	104.00	10,841
1943.....	75,370	71,620	230.00	16,507	40,840	40,280	177.00	7,144
1944.....	83,110	82,810	275.00	22,802	112,400	112,200	165.00	18,488
1945.....	102,450	101,350	272.00	27,565	46,570	46,460	260.00	12,093
1946.....	112,370	111,370	280.00	31,160	117,250	117,200	301.00	35,251
1947.....	79,270	78,190	256.00	20,002	92,870	92,280	199.00	18,331
1948 ⁵	79,620	79,450	276.00	21,937	134,760	134,760	184.00	24,784

¹ New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.

² Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

³ Not segregated prior to Jan. 1, 1936.

⁴ Less than 500 pounds.

⁵ Preliminary.

Bureau of Agricultural Economics. Foreign trade data from records of the Department of Commerce.

TABLE 229.—*Cherries: Production and season average price per ton received by farmers, by States, average 1937-46, annual 1947 and 1948*

State	Production ¹			Price for crop ² —		
	Average 1938-46	1947	1948 ²	Average 1938-46	1947	1948 ²
	Tons	Tons	Tons	Dollars	Dollars	Dollars
New York.....	2,078	2,200	3,000	207	273	257
Pennsylvania.....	1,522	900	900	199	282	265
Ohio.....	511	280	250	206	330	300
Michigan.....	3,089	4,000	3,800	181	235	260
4 Eastern States.....	7,200	7,380	7,960			
Montana.....	230	1,120	500	232	292	260
Idaho.....	2,196	2,380	3,430	160	240	216
Colorado.....	400	490	530	210	380	320
Utah.....	3,256	3,500	3,900	162	280	260
Washington.....	25,178	25,600	21,300	\$ 175	\$ 275	\$ 254
Oregon.....	20,767	10,800	18,500	\$ 161	\$ 211	\$ 258
California.....	27,444	28,000	23,500	\$ 192	\$ 251	\$ 326
7 Western States.....	79,471	71,890	71,660			
11 States.....	86,670	79,270	79,620	176	256	276

SOUR VARIETIES

New York.....	17,256	14,800	20,500	155	212	216
Pennsylvania.....	5,689	4,600	6,500	160	237	210
Ohio.....	2,770	2,120	1,760	146	224	244
Michigan.....	34,722	49,500	69,000	142	192	181
Wisconsin.....	10,922	9,000	25,000	146	210	159
5 Eastern States.....	71,359	80,020	122,760			
Montana.....	286	410	350	112	144	160
Idaho.....	572	680	650	101	180	172
Colorado.....	3,407	3,960	5,000	119	180	150
Utah.....	2,244	2,200	2,500	114	180	180
Washington.....	5,356	4,200	1,800	\$ 124	\$ 184	\$ 209
Oregon.....	2,339	1,400	1,700	\$ 114	\$ 200	\$ 208
6 Western States.....	14,204	12,850	12,000			
11 States.....	85,562	92,870	134,760	140	199	184

ALL VARIETIES

New York.....	Average 1937-46	17,000	23,500	Average 1937-46	220	221
Pennsylvania.....	7,340	5,500	7,400	158	244	217
Ohio.....	3,402	2,400	2,020	147	236	251
Michigan.....	38,190	53,500	72,800	139	195	185
Wisconsin.....	10,890	9,000	25,000	139	210	159
5 Eastern States.....	79,397	87,400	130,720			
Montana.....	498	1,530	850	162	251	219
Idaho.....	2,651	3,060	4,080	144	226	209
Colorado.....	3,776	4,450	5,530	123	202	166
Utah.....	5,200	5,700	6,400	139	241	229
Washington.....	29,080	29,800	23,100	\$ 161	\$ 263	\$ 250
Oregon.....	22,305	12,200	20,200	\$ 154	\$ 210	\$ 254
California.....	26,860	28,000	23,500	\$ 190	\$ 251	\$ 326
7 Western States.....	90,370	84,740	83,660			
12 States.....	169,767	172,140	214,380	152	225	218

¹ For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1948, estimates of such quantities were as follows (tons): Idaho sweet, 170.

² Preliminary.

³ Prices apply only to that portion of the crop utilized.

⁴ Includes the following quantities harvested but not utilized because of abnormal cullage (tons): Montana sweet, 30; Idaho sweet, 50; Washington sweet, 1,000; sour, 590.

⁵ Equivalent returns per ton for bulk fruit at the packing-house door.

⁶ Equivalent returns per ton for bulk fruit at the first delivery point.

Bureau of Agricultural Economics.

TABLE 230.—Cherries: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48

Continent and country	Average		1945	1946	1947	1948 ¹
	1935-39	1940-44				
North America:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Canada.....	5,250	6,925	5,925	8,450	7,475	9,800
United States.....	149,094	168,550	149,020	229,620	172,140	214,380
Total.....	154,344	175,475	154,945	238,070	179,615	224,180
Europe:						
Austria.....	17,624	19,510	22,126	18,957	33,856	15,759
Belgium.....	15,477	12,107	14,261	20,668	27,557	22,046
Czechoslovakia.....	57,776	29,677	20,787	58,438	69,412	76,663
Denmark.....	810	571	514	525	788	600
France.....	55,784	43,960	51,740	74,784	103,616	64,187
Germany.....	163,240	154,430	154,990	133,291	129,681	110,865
Hungary.....	12,000	10,287	10,500	9,000	12,897	14,330
Italy.....	81,422	83,693	105,059	101,412	113,707	86,398
Luxembourg.....	340	530	600	898	1,194	800
Netherlands.....	11,740	9,704	11,409	16,534	19,844	23,699
Norway.....	5,849	4,197	3,093	5,564	4,587	5,083
Poland.....	57,523	54,030	54,042	46,476	55,771	45,000
Rumania.....	213,584	101,001	44,092	28,660	12,637	7,716
Spain.....	32,102	36,688	33,826	35,353	20,000	30,000
Sweden.....	10,435	7,320	4,400	4,400	6,614	7,716
Switzerland.....	25,243	38,801	18,739	44,092	69,445	47,399
United Kingdom.....	12,667	20,317	19,600	26,768	30,128	26,880
Yugoslavia.....	41,771	69,100	63,054	58,300	63,300	60,000
Total.....	815,387	695,923	632,832	684,120	775,034	645,141
Asia:						
Lebanon.....	(²)	(²)	324	331	330	330
Syria.....	³ 146	³ 1,988	2,163	2,199	2,102	2,072
Turkey.....	35,925	32,164	36,886	40,747	22,321	33,596
Japan.....	5,496	5,456	5,300	5,700	5,200	5,500
Total.....	41,567	39,608	44,673	48,977	29,953	41,498
South America:						
Argentina.....	⁴ 3,748	4,415	1,102	2,039	1,962	2,000
Chile.....	⁴ 992	450	583	560	832	937
Total.....	⁴ 4,740	4,865	1,685	2,599	2,844	2,937
Oceania:						
Australia.....	3,953	4,906	4,698	3,583	4,459	4,500
New Zealand.....	279	391	273	227	302	252
Total.....	4,232	5,297	4,971	3,810	4,761	4,752
World total.....	1,020,270	921,168	839,106	977,576	992,207	918,508

¹ Preliminary. ² Included with Syria. ³ Includes Lebanon. ⁴ Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, and other information. Estimates of countries having boundary changes have been adjusted to postwar boundaries.

TABLE 231.—Cherries: Production and utilization, 12 States,¹ 1939-48 crops

SWEET VARIETIES

Crop of	Production	Production having value ²	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other ³
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1939.....	87,720	81,620	6,580	75,040	35,224	20,093	-----	19,420	303
1940.....	68,130	66,030	6,570	59,460	30,983	12,397	-----	15,670	410
1941.....	80,290	79,380	6,540	72,840	36,796	16,699	-----	18,900	445
1942.....	91,230	80,720	6,800	73,920	36,440	19,209	-----	16,860	1,411
1943.....	75,570	71,620	5,480	66,140	34,890	14,970	675	14,365	1,240
1944.....	83,110	82,810	6,970	75,840	40,140	13,660	1,580	19,700	760
1945.....	102,450	101,350	5,850	95,500	42,670	21,590	6,720	23,920	600
1946.....	112,370	111,370	6,040	105,330	37,160	30,320	5,390	30,920	1,540
1947.....	79,270	78,190	5,970	72,220	36,210	10,410	660	24,880	60
1948 ⁴	79,620	79,450	5,830	73,620	27,380	15,800	710	29,710	20

SOUR VARIETIES

1939.....	96,770	95,960	7,110	88,850	13,769	55,047	17,025	-----	3,009
1940.....	104,690	103,480	6,900	96,580	12,693	59,254	20,150	-----	4,483
1941.....	81,400	79,700	6,530	73,170	10,102	37,822	22,301	-----	2,945
1942.....	105,290	104,040	6,870	97,170	12,990	60,328	21,616	-----	2,236
1943.....	40,840	40,280	4,660	35,620	9,361	12,649	13,136	246	228
1944.....	112,400	112,200	7,150	105,050	12,760	54,530	35,330	1,290	1,140
1945.....	46,570	46,460	4,300	42,160	6,890	25,320	9,180	190	580
1946.....	117,250	117,200	5,990	111,210	9,940	55,920	44,010	490	850
1947.....	92,870	92,280	5,500	86,780	9,140	40,570	35,490	980	600
1948 ⁴	134,760	134,760	6,200	128,560	11,320	66,900	46,290	3,550	500

ALL VARIETIES

1939.....	184,490	177,580	13,690	163,890	48,993	75,140	17,025	19,420	3,312
1940.....	172,820	169,510	13,470	156,040	43,676	71,651	20,150	15,670	4,893
1941.....	161,690	159,080	13,070	146,010	46,898	54,521	22,301	18,900	3,390
1942.....	196,520	184,760	13,670	171,090	49,430	79,537	21,616	16,860	3,647
1943.....	116,210	111,900	10,140	101,760	44,251	27,619	13,811	14,611	1,468
1944.....	195,510	195,010	14,120	180,890	52,900	68,190	36,910	20,990	1,900
1945.....	149,020	147,810	10,150	137,660	49,560	46,910	15,900	24,110	1,180
1946.....	229,620	228,570	12,080	216,540	47,100	86,240	49,400	31,410	2,390
1947.....	172,140	170,470	11,470	159,000	45,350	50,980	36,150	25,860	660
1948 ⁴	214,380	214,210	12,080	202,180	38,700	82,700	47,000	33,260	520

¹ New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.

² Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

³ Includes fruit used for juice, wine, preserves, and candied cherries. For the years 1939-42 some quantities of cherries frozen and/or brined also are included.

⁴ Preliminary.

Bureau of Agricultural Economics. Data on all varieties for 1934-38 in Agricultural Statistics, 1946, table 222.

TABLE 232.—Cherries: Production and utilization, by States, 1947 crop

SWEET VARIETIES

State	Production	Production having value ¹	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh	Processed			
						Canned	Frozen	Brined	Other ²
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York.....	2,200	2,200	540	1,660	440				
Pennsylvania and Ohio.....	1,180	1,180	480	700	580			120	
Michigan.....	4,000	4,000	600	3,400	790	600	120	1,890	
Washington.....	25,600	24,600	1,980	22,620	13,400	2,360	240	6,610	10
Oregon.....	10,800	10,800	1,500	9,300	2,050	2,200	100	4,900	50
California.....	28,000	28,000	300	27,700	13,800	4,700	100	9,100	
Other States ³	7,490	7,410	570	6,840	5,150	550	100	1,040	
11 States.....	79,270	78,190	5,970	72,220	36,210	10,410	660	24,880	60

SOUR VARIETIES

New York.....	14,800	14,800	850	13,950	4,720	3,180	9,000		50
Pennsylvania and Ohio.....	6,720	6,720	1,350	5,370	1,190	2,910	1,020	30	220
Michigan.....	49,500	49,500	1,250	48,250	2,800	27,350	17,150	950	
Wisconsin.....	9,000	9,000	560	8,440	680	4,140	3,410		210
Washington.....	4,200	3,610	770	2,840	780	600	1,350		110
Oregon.....	1,400	1,400	230	1,170	300	560	300		10
Other States ³	7,250	7,250	490	6,760	1,670	1,830	3,260		
11 States.....	92,870	92,280	5,500	86,780	9,140	40,570	35,490	980	600

ALL VARIETIES

New York.....	17,000	17,000	1,390	15,610	4,210	3,180	9,000	1,220	50
Pennsylvania and Ohio.....	7,900	7,900	1,830	6,070	1,770	2,910	1,020	150	220
Michigan.....	53,500	53,500	1,850	51,650	3,590	27,950	17,270	2,840	
Wisconsin.....	9,000	9,000	560	8,440	680	4,140	3,410		210
Washington.....	29,800	28,210	2,750	25,460	14,180	2,960	1,590	6,610	120
Oregon.....	12,200	12,200	1,730	10,470	2,350	2,760	400	4,900	60
California.....	28,000	28,000	300	27,700	13,800	4,700	100	9,100	
Other States ³	14,740	14,660	1,060	13,600	6,820	2,380	3,360	1,040	
12 States.....	172,140	170,470	11,470	159,000	45,350	50,980	36,150	25,860	660

¹ Differences between "production" and "production having value" consist of the following quantities harvested but not utilized because of abnormal cullage (tons): Sweet varieties, Montana, 30; Idaho, 50; Washington, 1,000; sour varieties, Washington, 590.

² Includes fruit used for juice, wine, preserves, and candied cherries.

³ Montana, Idaho, Colorado, and Utah.

⁴ Includes some quantities of New York sour cherries brined.

Bureau of Agricultural Economics.

TABLE 233.—Cherries: Production and utilization, by States, 1948 crop ¹

SWEET VARIETIES										
State	Production	Production having value ²	Farm disposition		Utilization of quantities sold					
			For farm household use	Sold	Fresh	Processed				
						Canned	Frozen	Brined	Other ³	
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
New York.....	3,000	3,000	450	2,550	200					
Pennsylvania and Ohio.....	1,160	1,160	460	700	680	20				
Michigan.....	3,800	3,800	600	3,200	770	170		1,500		
Washington.....	21,300	21,300	1,830	19,470	9,950	4,000	340	5,160	20	
Oregon.....	18,500	18,500	1,600	16,900	3,100	6,300		7,500		
California.....	23,500	23,500	300	23,200	7,700	3,800		11,700		
Other States ⁴	8,360	8,190	590	7,600	4,990	910	200	1,500		
11 States.....	79,620	79,450	5,830	73,620	27,380	15,800	710	29,710	20	
SOUR VARIETIES										
New York.....	20,500	20,500	1,020	19,480	2,310	4,500	12,670			
Pennsylvania and Ohio.....	8,260	8,260	1,620	6,640	1,910	3,260	1,150	20	300	
Michigan.....	69,000	69,000	1,300	67,700	2,750	44,500	19,000	1,450		
Wisconsin.....	25,000	25,000	850	24,150	860	11,300	9,760	2,080	150	
Washington.....	1,800	1,800	600	1,200	790	80	290		40	
Oregon.....	1,700	1,700	340	1,360	400	750	200		10	
Other States ⁴	8,500	8,500	470	8,030	2,300	2,510	3,220			
11 States.....	134,760	134,760	6,200	128,560	11,320	66,900	46,290	3,550	500	
ALL VARIETIES										
New York.....	23,500	23,500	1,470	22,030	2,510	4,500	12,670	2,350		
Pennsylvania and Ohio.....	9,420	9,420	2,080	7,340	2,590	3,280	1,150	20	300	
Michigan.....	72,800	72,800	1,900	70,900	3,510	45,270	19,170	2,950		
Wisconsin.....	25,000	25,000	850	24,150	860	11,300	9,760	2,080	150	
Washington.....	23,100	23,100	2,430	20,670	10,740	4,080	630	5,160	60	
Oregon.....	20,200	20,200	1,940	18,260	3,500	7,050	200	7,500	10	
California.....	23,500	23,500	300	23,200	7,700	3,800		11,700		
Other States ⁴	16,860	16,690	1,060	15,630	7,290	3,420	3,420	1,500		
12 States.....	214,380	214,210	12,030	202,180	38,700	82,700	47,000	33,260	520	

¹ Preliminary.² Differences between "production" and "production having value" consist of 170 tons of Idaho sweet cherries not harvested on account of economic conditions.³ Includes fruit used for juice, wine, preserves, and candied cherries.⁴ Montana, Idaho, Colorado, and Utah.⁵ Includes some quantities of New York sour cherries brined.

Bureau of Agricultural Economics.

TABLE 234.—*Citrus fruits: Production and season average returns per box to growers, by States, average 1937-46, annual 1946-48*

Crop and State	Production ¹				Price for crop of ² —			
	Average 1937-46	1946	1947	1948 ²	Average 1937-46	1946	1947	1948 ²
ORANGES								
California:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars	Dollars
Navel and miscellaneous ⁴	18,846	19,670	18,900	12,000	1.82	2.30	1.67	-----
Valencia.....	30,056	33,860	26,930	24,000	2.10	1.47	1.83	-----
Total.....	48,902	53,530	45,830	36,000	1.98	1.77	1.76	1.98
Florida:								
Early and midseason.....	20,005	30,500	31,000	32,000	1.34	1.16	.93	-----
Valencia.....	16,485	23,200	27,400	27,000	1.69	1.37	.87	-----
Total.....	36,490	53,700	58,400	59,000	1.50	1.25	.90	1.63
Texas:								
Early and midseason ⁴	1,931	3,150	3,100	2,600	-----	-----	-----	-----
Valencia.....	1,310	1,850	2,100	900	-----	-----	-----	-----
Total.....	3,242	5,000	5,200	3,500	1.60	1.85	1.50	1.40
Arizona:								
Navel and miscellaneous ⁴	372	600	480	450	⁵ 2.27	3.18	1.36	-----
Valencia.....	423	600	300	220	⁶ 2.48	2.32	1.78	-----
Total.....	795	1,200	780	670	1.95	2.75	1.52	2.82
Louisiana ⁴	298	410	300	300	1.84	1.90	1.75	1.85
5 States ⁶	89,727	113,840	110,510	99,470	1.77	1.54	1.29	1.76
Total early and midseason ⁷	41,452	54,330	53,780	47,350	-----	-----	-----	-----
Total Valencia.....	48,275	59,510	56,730	52,120	-----	-----	-----	-----
TANGERINES								
Florida.....	3,360	4,700	4,000	4,400	1.56	1.73	1.20	1.58
ALL ORANGES AND TANGERINES								
5 States ⁶	93,087	118,540	114,510	103,870	1.76	1.55	1.29	1.75
GRAPEFRUIT								
Florida:								
Seedless.....	9,640	14,000	14,800	14,700	1.04	.85	.54	-----
Other.....	14,280	15,000	18,200	15,500	.93	.84	.41	-----
Total.....	23,920	29,000	33,000	30,200	.97	.84	.47	.82
Texas.....	17,488	23,300	23,200	12,000	.82	.90	.49	.63
Arizona.....	3,301	4,100	3,000	1,800	.73	.38	.48	.74
California:								
Desert Valleys.....	1,158	1,220	960	780	.94	.92	1.17	-----
Other.....	1,612	1,900	1,470	1,270	1.44	1.47	1.10	-----
Total.....	2,769	3,120	2,430	2,050	1.23	1.26	1.13	1.70
4 States ⁶	47,478	59,520	61,630	46,050	.91	.86	.50	.81
LEMONS								
California ⁶	12,808	13,800	12,870	9,100	2.08	2.67	2.52	3.35
LIMES								
Florida ⁶	148	170	170	200	3.31	3.95	3.34	3.14

¹ Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States the season begins about Oct. 1 and ends in early summer, except for Florida limes, harvest of which usually starts about Apr. 1. Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes, as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. For some States in certain years, production also includes some quantities donated to charity, unharvested, and/or not utilized on account of economic conditions. In 1946 and 1947, estimates of such quantities were as follows (1,000 boxes): 1946—California Navel and miscellaneous oranges—485; Valencias, 454; grapefruit, Desert Valleys—13; Florida early and midseason oranges—900; tangerines—300; grapefruit, seedless—800; other, 1,800; Texas grapefruit—500; Arizona grapefruit, 923; 1947—California Navel and miscellaneous oranges—521; Valencias, 436; grapefruit, Desert Valleys—16; Florida tangerines—600; grapefruit, seedless—2,400; other, 1,300; Texas grapefruit—2,300; Arizona Navel and miscellaneous oranges—6; grapefruit—944. Prices apply to the entire crop, exclusive of that portion donated to charity, unharvested, and/or not utilized on account of economic conditions.

² As estimated from prospects on July 1, 1949.

³ Equivalent returns per box at the intake packing-house door for all methods of sale.

⁴ Includes small quantities of tangerines.

⁵ Short-time average.

⁶ Net content of box varies. In California and Arizona the approximate average for oranges is 77 lb. and grapefruit, 65 lb. in the desert valleys; 68 lb. for California grapefruit in other areas; in Florida and other States, oranges, including tangerines, 90 lb. and grapefruit 80 lb.; California lemons, 79 lb.; Florida limes, 80 lb. For weight of boxes prior to 1942, see p. 5, footnote 19.

⁷ In California and Arizona, Navel and miscellaneous.

Bureau of Agricultural Economics.

TABLE 235.—*Citrus fruits: Production, value, foreign trade, United States, and receipts from Puerto Rico, 1929-48*

ORANGES, INCLUDING TANGERINES

Season ¹	Total production ²	Production having value ³	Season average returns per box to growers ⁴	Farm value	Quantities processed ⁵	Foreign trade, year beginning November		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports ⁶	
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1929.....	31,829	31,829	3.59	114,171	647	2,189	30	221
1930.....	55,060	55,060	1.35	74,431	2,035	4,936	16	97
1931.....	49,902	49,902	1.22	61,029	2,532	3,203	19	39
1932.....	51,615	51,615	.88	45,367	2,688	3,394	17	14
1933.....	47,174	46,197	1.38	63,949	899	3,296	21	19
1934.....	63,988	62,593	1.15	71,898	3,956	5,425	29	17
1935.....	52,073	51,459	1.51	77,838	1,942	4,209	47	5
1936.....	54,538	53,515	1.75	93,619	6,591	2,488	22	3
1937.....	74,285	73,081	.84	60,991	5,830	7,597	25	2
1938.....	78,531	75,582	.77	57,979	6,058	6,471	28	1
1939.....	75,742	74,506	.95	70,847	7,238	3,828	22	(?)
1940.....	85,510	84,188	1.19	99,910	9,848	4,360	11	0
1941.....	85,163	84,401	1.56	131,327	11,442	4,570	0	0
1942.....	89,349	88,695	2.46	218,532	13,955	4,908	1	0
1943.....	106,651	105,821	2.64	279,622	16,841	6,413	(?)	0
1944.....	113,210	111,439	2.69	300,024	24,222	6,108	(?)	0
1945.....	104,350	103,619	2.93	303,939	27,246	7,467	(?)	0
1946.....	118,340	115,901	1.55	179,429	31,634	8,639	(?)	0
1947.....	114,510	112,947	1.29	145,429	40,709	6,371	1	0
1948 ³	103,870	103,870	1.75	181,746				

GRAPEFRUIT

						Foreign trade, year beginning September		
1929.....	11,215	11,215	1.89	21,211	1,660	809	127	978
1930.....	18,690	18,690	.73	13,613	2,949	1,361	78	428
1931.....	15,181	15,181	.80	12,215	1,036	1,119	120	550
1932.....	15,004	15,004	.58	8,736	2,587	905	80	266
1933.....	14,672	14,647	.83	12,126	2,525	1,000	48	421
1934.....	21,347	21,166	.55	11,669	6,248	1,022	79	215
1935.....	18,347	18,313	.88	16,175	4,498	928	103	356
1936.....	30,670	30,570	.58	17,690	10,025	704	106	146
1937.....	31,133	31,103	.57	17,726	12,055	1,004	67	127
1938.....	43,594	39,820	.32	12,529	15,181	1,235	37	57
1939.....	35,192	34,846	.44	15,338	16,318	811	78	84
1940.....	42,883	42,879	.43	18,522	20,955	808	149	34
1941.....	40,261	40,257	.75	29,996	17,961	855	131	45
1942.....	50,481	50,479	1.15	58,073	27,194	1,069	45	0
1943.....	56,090	56,088	1.53	85,652	31,286	1,218	27	0
1944.....	52,180	52,177	1.69	88,139	26,839	1,351	46	0
1945.....	63,450	63,448	1.37	87,033	35,416	1,978	11	1
1946.....	59,520	55,484	.86	47,938	27,050	2,798	38	(?)
1947.....	61,630	54,670	.50	27,574	29,541	1,940	94	0
1948 ³	46,050	46,050	.81	37,141				

LEMONS

						Foreign trade, year beginning November		
1929.....	6,109	6,109	3.65	22,298	466	178	1,118	
1930.....	7,950	7,950	2.20	17,490	2,232	268	262	
1931.....	7,696	7,696	1.82	14,007	2,435	233	92	
1932.....	6,704	6,704	2.15	14,414	1,948	168	134	
1933.....	7,295	7,295	2.45	15,873	1,087	230	23	
1934.....	10,747	10,747	1.44	15,476	3,549	546	3	
1935.....	7,787	7,787	3.17	24,685	351	634	86	
1936.....	7,579	7,579	3.06	23,192	1,032	256	34	
1937.....	9,304	9,304	1.84	17,119	1,529	720	36	
1938.....	11,106	11,106	1.48	16,437	3,315	831	0	
1939.....	11,983	11,983	1.59	19,053	3,642	470	(?)	
1940.....	17,236	16,734	1.20	20,081	7,856	10,516	(?)	
1941.....	11,720	11,720	1.60	18,752	3,835	500	(?)	
1942.....	14,880	14,880	2.47	36,754	5,225	468	(?)	
1943.....	11,050	11,050	3.31	36,876	1,771	494	(?)	
1944.....	12,550	12,550	2.75	34,512	2,900	573	(?)	
1945.....	14,450	14,450	1.94	28,033	5,321	578	(?)	
1946.....	13,800	13,800	2.67	36,846	4,414	568	7	
1947.....	12,870	12,870	2.52	32,432	4,386	476	62	
1948 ³	9,100	9,100	3.35	30,485				

See footnotes at end of table.

TABLE 235.—*Citrus fruits: Production, value, foreign trade, United States, and receipts from Puerto Rico, 1929-48—Continued*

LIMES

Season ¹	Total production ²	Production having value ³	Season average returns per box to growers ⁴	Farm value	Quantities processed ⁵	Foreign trade, year beginning July		Receipts from Puerto Rico, year beginning July
						Domestic exports	Imports ⁶	
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
1929.....	8	8	4.50	36			61	
1930.....	8	8	4.00	32			66	
1931.....	9	9	3.50	32			75	
1932.....	10	10	3.00	30			42	
1933.....	12	12	2.50	30			52	
1934.....	15	15	3.00	45			76	
1935.....	12	12	3.75	45			123	
1936.....	45	45	3.25	146			145	
1937.....	70	70	3.25	228			103	
1938.....	95	95	2.60	247			43	
1939.....	95	95	2.80	266			50	
1940.....	80	80	2.85	228			50	
1941.....	150	150	2.10	315	8		44	
1942.....	175	175	2.36	413	7		52	
1943.....	190	190	4.79	910	18		70	
1944.....	250	250	4.86	1,215	11		55	
1945.....	200	200	3.58	716	42		68	
1946.....	170	170	3.95	672	28		64	
1947.....	170	170	3.34	568	6		66	
1948 ⁸	200	200	3.14	628				

¹ Season begins with the bloom of the year shown and ends with the completion of harvest the following year. In California picking usually extends from about Oct. 1 to Dec. 31 of the following year. In other States the season begins about Oct. 1 and ends in early summer, except for Florida limes, harvest of which usually starts about Apr. 1.

² Estimates of production include fruit consumed on farms, sold locally, and used for manufacturing purposes, as well as that shipped. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. For weight of boxes see pp. 4 and 5.

³ Differences between "total production" and "production having value" consist of fruit unharvested, donated to charity, and/or not utilized on account of economic conditions.

⁴ Prices are equivalent returns per box at the intake packing-house door for all methods of sale. Prices are State averages, weighted by production rather than by sales to obtain United States average.

⁵ Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.

⁶ Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 76 pounds per box; limes, 80 pounds per box.

⁷ Less than 500 boxes.

⁸ As estimated from prospects on July 1, 1949.

⁹ Imports include pomeloes, beginning Jan. 1, 1941.

¹⁰ Exports include limes, beginning Jan. 1, 1941.

Bureau of Agricultural Economics. Trade data from official records of the Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 291.

TABLE 236.—*Citrus fruit: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48*¹

ORANGES (INCLUDING TANGERINES)

Continent and country	Average		1945	1946	1947	1948 ²
	1935-39	1940-44				
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
North America:						
Costa Rica.....	6	22	30	30	30	30
Mexico.....	4,761	7,719	9,280	10,778	10,866	11,653
United States.....	67,034	95,977	104,350	118,540	114,510	102,170
Cuba.....	1,050	1,170	1,125	1,175	1,200	1,500
Dominican Republic.....	500	438	485	428	409	425
Jamaica.....	595	485	650	565	700	763
Puerto Rico.....	800	500	742	800	900	1,000
Trinidad and Tobago.....	55	70	75	77	80	80
Total.....	74,801	106,381	116,737	132,393	128,695	117,621
Europe:						
Aegean Islands.....	43	40	40	40	40	40
France.....	37	20	21	34	30	30
Greece.....	1,470	1,500	1,386	1,309	1,714	2,302
Italy.....	11,701	11,186	9,715	11,638	12,123	12,920
Spain.....	24,167	26,249	26,603	17,772	27,589	25,627
Total.....	37,418	38,995	37,765	30,793	41,496	40,919
Asia:						
Cyprus.....	441	329	317	600	600	600
Iran.....	483	1,358	1,500	1,575	1,827	1,921
Lebanon.....	1,093	1,274	1,553	1,211	1,650	1,020
Palestine.....	8,652	7,494	8,000	9,199	13,000	5,750
Syria.....	(⁶)	(⁶)	70	73	81	80
Turkey.....	1,011	980	812	1,054	938	1,009
Japan.....	15,895	17,893	10,923	6,020	6,496	15,590
Philippine Islands.....	195	300	315	425	313	300
Total.....	27,770	29,628	23,490	20,157	24,905	26,270
South America:						
Argentina.....	9,212	13,813	9,092	10,689	11,191	8,538
Bolivia.....	3,000	3,000	3,200	3,000	3,100	3,300
Brazil.....	34,466	32,586	29,967	30,084	31,600	30,000
Chile.....	250	348	500	500	800	900
Ecuador.....	580	412	568	325	227	400
Paraguay.....	5,000	7,000	6,450	6,500	6,500	5,500
Peru.....	1,000	1,000	900	842	1,154	1,250
Surinam.....	20	19	43	86	55	100
Uruguay.....	1,300	1,300	1,082	1,496	1,016	1,200
Total.....	54,828	59,483	51,802	53,522	55,643	51,188
Africa:						
Algeria.....	3,168	3,575	3,629	3,055	3,716	7,023
British East Africa.....	100	130	144	150	150	150
Egypt.....	6,455	7,247	6,742	6,486	7,427	6,370
French Morocco.....	1,203	1,658	2,149	1,858	2,747	4,490
Northern Rhodesia.....	9	12	13	13	13	13
Southern Rhodesia.....	196	192	264	216	289	290
Tunisia.....	245	453	425	614	705	661
Union of South Africa.....	4,000	5,918	4,505	5,326	5,372	6,084
Total.....	15,376	19,185	17,871	17,718	20,419	25,081
Oceania:						
Australia.....	2,683	2,646	2,606	2,745	3,400	3,280
New Zealand.....	23	17	5	10	10	12
Total.....	2,706	2,663	2,611	2,755	3,410	3,292
World total.....	212,899	256,335	250,276	257,338	274,568	264,371

See footnotes at end of table.

TABLE 236.—*Citrus fruit: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48*—Continued

GRAPEFRUIT

Continent and country	Average		1945	1946	1947	1948 *
	1935-39	1940-44				
North America:	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>
United States.....	31,787	48,379	63,450	59,520	61,630	46,220
Cuba.....	375	244	90	150	130	150
Jamaica.....	213	226	316	300	250	321
Puerto Rico.....	448	500	500	500	525	525
Trinidad and Tobago.....	174	162	231	291	300	325
Total.....	32,997	49,511	64,587	60,761	62,835	47,541
Asia:						
Cyprus.....	44	50	60	68	159	200
Palestine.....	1,445	608	800	1,238	1,500	1,000
Philippine Islands.....	170	250	300	316	345	350
Total.....	1,659	908	1,160	1,622	2,004	1,550
South America:						
Argentina.....	3 49	134	93	100	129	125
Surinam.....	10	10	23	44	16	20
Total.....	59	144	116	144	145	145
Africa:						
Algeria.....	3 9	14	15	55	26	38
French Morocco.....	25	32	42	70	31	58
Union of South Africa.....	495	835	636	752	758	859
Total.....	529	881	693	877	815	955
Oceania:						
New Zealand.....	15	25	31	35	59	60
World total.....	35,259	51,469	66,587	63,439	65,858	50,251

LEMONS

North America:						
United States.....	9,552	13,487	14,450	13,800	12,870	9,100
Europe:						
Aegean Islands.....	9	10	10	10	10	10
Greece.....	422	450	328	477	635	769
Italy.....	9,637	8,767	6,373	7,138	8,137	7,386
Spain.....	1,444	1,339	812	1,474	2,756	1,886
Total.....	11,512	10,566	7,523	9,099	11,538	10,051
Asia:						
Cyprus.....	66	41	89	83	85	100
Lebanon.....	4 464	4 411	725	435	580	348
Palestine.....	88	120	350	353	500	250
Syria.....	(^c)	(^c)	9	9	10	10
Turkey.....	74	120	153	316	317	242
Total.....	692	692	1,326	1,196	1,492	950
South America:						
Argentina.....	371	1,130	1,021	1,134	1,343	1,044
Chile.....	250	331	350	450	625	850
Surinam.....	2	3	6	12	15	15
Total.....	623	1,464	1,377	1,596	1,983	1,909
Africa:						
Algeria.....	102	93	112	102	92	125
Egypt.....	83	100	150	150	150	150
French Morocco.....	10	9	14	24	9	36
Tunisia.....	35	138	174	174	174	174
Union of South Africa.....	142	209	159	188	190	215
Total.....	372	549	609	638	615	700
Oceania:						
Australia.....	308	325	356	407	504	380
New Zealand.....	65	55	54	59	89	72
Total.....	373	380	410	466	593	452
World total.....	23,124	27,138	25,695	26,795	29,091	23,162

See footnotes at end of table.

TABLE 236.—*Citrus fruit: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48*¹—Continued

Continent and country	Average		1945	1946	1947	1948 ²
	1935-39	1940-44				
	1,000 boxes	1,000 boxes				
North America:						
Mexico.....	652	1,083	1,502	1,681	1,684	1,653
United States.....	63	169	200	170	170	200
Dominica.....	87	216	168	202	210	210
Grenada.....	5	8	20	25	20	20
Jamaica.....	17	30	60	50	60	60
Montserrat.....	19	15	17	17	17	17
St. Lucia.....	62	31	24	25	25	25
St. Vincent.....	3	3	3	3	3	3
Trinidad and Tobago.....	24	75	160	130	120	110
Total.....	932	1,630	2,154	2,303	2,309	2,298
South America:						
British Guiana.....	16	16	52	55	55	55
Africa:						
Egypt.....	1,194	1,248	829	870	910	775
Gold coast.....	126	104	134	125	92	100
Total.....	1,320	1,352	963	995	1,002	875
World total.....	2,268	2,998	3,169	3,353	3,366	3,228

RECAPITULATION

Oranges.....	212,899	256,335	250,276	257,338	274,568	264,371
Grapefruit.....	35,259	51,469	66,587	63,439	65,858	50,251
Lemons.....	23,124	27,138	25,695	26,795	29,091	23,162
Limes.....	2,268	2,998	3,169	3,353	3,366	3,228
Total.....	273,550	337,940	345,727	350,925	372,883	341,012

¹ Production estimates relate to the crop from bloom of year shown. Harvesting in Northern Hemisphere countries begins about November and in Southern Hemisphere about February of the following year.

² Preliminary. ³ Less than 5 years. ⁴ Includes Syria. ⁵ Orange production in Israel only, representing 90 percent of total Palestine acreage. ⁶ Included in Lebanon.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information. Production in foreign countries converted to boxes of the following weights: Oranges, 70 pounds; grapefruit and limes 80 pounds; lemons 76 pounds.

TABLE 237.—*Citrus fruits: Auction price per box at New York and Chicago, 1939-48*

Market and season	Grapefruit		Oranges				Market and season	Grapefruit		Oranges			
	Florida	Texas	Lemons, California	California		Florida		Florida	Texas	Lemons, California	California		Florida
				Navel	Valencias						Navel	Valencias	
New York:	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Chicago:	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1939.....	2.21	2.21	4.41	2.84	3.34	2.43	1939.....	2.31	2.04	4.37	2.88	3.20	2.40
1940.....	1.97	2.34	4.15	3.10	3.39	2.38	1940.....	2.00	1.91	4.19	3.03	3.34	2.46
1941.....	2.55	2.56	4.45	3.14	3.86	2.87	1941.....	2.83	2.16	4.48	3.03	3.74	2.23
1942.....	3.16	3.26	5.73	4.72	4.77	3.82	1942.....	3.17	2.81	5.74	4.78	4.58	3.75
1943.....	3.67	3.56	6.09	4.73	5.46	3.96	1943.....	3.22	3.00	6.20	4.79	5.38	3.87
1944.....	4.37	3.35	5.62	5.04	5.67	4.60	1944.....	3.34	3.22	5.47	4.94	5.66	4.28
1945.....	3.97	3.40	5.25	5.48	4.65	4.69	1945.....	3.53	3.08	5.56	5.34	5.10	4.26
1946.....	3.49	2.67	6.71	4.97	6.17	3.59	1946.....	3.26	2.80	7.47	4.81	6.24	3.37
1947.....	3.30	3.21	6.82	5.16	4.32	3.41	1947.....	2.92	2.68	7.00	4.83	4.33	3.07
1948 ¹	4.00	3.36	7.80	6.62	5.31	4.38	1948 ¹	3.75	2.93	8.85	6.33	5.49	4.18

¹ Preliminary.

Bureau of Agricultural Economics. Compiled as follows: New York, reports of California Fruit Growers Exchange; Chicago, from Chicago Fruit and Vegetable Reporter. Prices weighted by number of boxes sold.

TABLE 238.—Citrus fruits: Weighted average price per box and sales at 10 principal auction markets, 1927-47

Season ¹	10-auction average prices							Total sales at 10 auctions						
	Grapefruit		Lemons	Oranges			Tan- gerines	Grapefruit		Lemons	Oranges		Tan- gerines	
	Florida	Texas ²	Calif.	California		Florida	Florida	Florida ³	Texas ²	Calif.	California		Florida ³	Florida ³
				Navel	Valencia						Navel	Valencia		
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	
1927	4.56		5.88	5.56	7.05	5.62	6.70			2,007	3,742	4,395		
1928	3.34		5.72	3.92	4.26	3.15	3.84			2,629	5,962	7,030		
1929	4.28		6.35	5.64	7.35	4.62	4.70			2,189	3,340	4,840		
1930	2.54		5.23	3.48	3.73	3.40	3.06			2,930	4,711	7,092		
1931	2.47	2.21	4.96	3.09	3.27	3.30	2.98			2,699	4,718	7,563		
1932	2.06	2.56	4.66	2.68	3.01	2.44	2.48	(Exact		2,664	3,996	6,603	(Exact	(Exact
1933	2.39	2.56	4.84	2.92	4.14	2.70	2.40			3,108	3,096	6,007		
1934	2.00	2.33	4.17	2.90	3.33	2.56	2.36	quantiti-		3,427	5,192	7,879	quantiti-	quantiti-
1935	2.57	2.57	5.63	3.14	4.06	3.00	2.70			3,195	3,625	6,212		
1936	2.23	2.09	5.68	3.72	4.97	3.21	2.20	ties sold		3,178	3,191	5,059	ties sold	ties sold
1937	2.16	2.12	4.41	2.64	2.92	2.24	2.48			3,163	3,498	7,251		
1938	1.72	1.93	4.19	2.72	3.21	2.09	2.00	are not	1,390	3,506	3,135	6,353	are not	are not
1939	2.13	2.10	4.35	2.81	3.32	2.35	2.74		1,438	3,273	4,214	8,200		
1940	1.91	1.98	4.12	3.03	3.74	2.35	2.38	yet de-	1,116	3,725	4,573	9,094	yet de-	yet de-
1941	2.52	2.22	4.43	3.04	4.62	2.83	3.58		1,449	3,326	5,104	8,186		
1942	3.11	2.86	5.70	4.68	5.43	3.79	3.60	terminated.)	1,133	3,118	1,882	5,745	terminated.)	terminated.)
1943	3.56	3.03	6.15	4.72	5.63	3.89	4.46		674	2,389	2,373	4,948		
1944	4.24	3.21	5.49	5.00	4.68	4.45	4.82		1,013	2,413	2,173	6,858		
1945	3.82	3.11	5.27	5.44	6.10	4.58	5.22		1,335	2,888	1,417	4,744		
1946	3.29	2.70	6.93	4.83	4.24	3.50	4.34		1,862	3,379	3,504	8,034		
1947	3.07	2.64	6.97	4.88	5.26	3.27	3.96		1,651	3,174	3,539	6,188		

¹ Season beginning in an autumn month of the year shown.
² Prior to 1938-39 Texas data represents 6 auction markets only; 1938-39 to date 10 auctions, except 1943-44 when Detroit and Cleveland were not included on account of Market News Service offices not operating.

³ Series under revision.
 Production and Marketing Administration.

TABLE 239.—Grapefruit segments and single-strength juice, canned: Pack in the United States, receipts from Puerto Rico, and exports, 1929-47

Item and season beginning November—	Domestic pack				Receipts from Puerto Rico	Total pack and receipts	Domestic exports, year beginning July ¹
	Florida	Texas	California and Arizona	Total			
	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²
Segments:							
1929	1,317			1,317	441	1,758	
1930	2,712			2,712	205	2,917	³ 210
1931	907			907	124	1,031	222
1932	2,162			2,162	25	2,187	493
1933	2,185	7		2,192	234	2,426	1,063
1934	3,588		4	3,599	236	3,835	962
1935	2,252	23		2,275	344	2,619	997
1936	4,058	131		4,189	244	4,433	1,151
1937	3,419	104		3,523	208	3,731	1,159
1938	4,106	106		4,212	96	4,308	1,486
1939	4,134	57		4,191	96	4,287	1,790
1940	3,140	64		3,204	43	3,247	16
1941	4,611	90		4,701	38	4,739	42
1942	888	87		975	0	975	5
1943	943	41		984	0	984	112
1944	411	54		465	32	497	50
1945	2,407	289		2,696	55	2,751	4
1946	5,098	490		5,588	57	5,645	1,487
1947	3,158	242		3,400	30	3,430	26
Juice, single strength: ⁴							
1929	174	18		192		192	
1930	412	50		462	5	467	
1931	248	93		341	1	342	
1932	726	41	12	779	3	782	
1933	610	73	161	844	4	848	
1934	2,237	361	442	3,040	18	3,058	
1935	1,758	544	300	2,602	50	2,652	
1936	3,919	2,247	450	6,616	205	6,821	
1937	3,370	4,992	449	8,811	104	8,915	
1938	6,190	5,254	180	11,624	47	11,671	⁵ 364
1939	4,682	5,955	296	10,933	36	10,969	783
1940	10,647	5,720	421	16,788	31	16,819	715
1941	6,180	5,508	1,095	12,783	52	12,835	874
1942	15,193	7,360	1,049	23,602	33	23,635	729
1943	16,778	7,864	1,450	20,692	17	20,709	1,069
1944	12,025	9,144	1,266	22,435	217	22,652	678
1945	15,089	9,601	1,372	26,062	128	26,190	2,055
1946	8,583	8,240	791	17,614	219	17,833	2,536
1947	7,987	8,981	482	17,450	206	17,656	1,447

¹ Exports of juice may include small quantities of concentrated juice in recent years. In the 1947 pack year, approximately 425,000 cases of concentrate were thus shipped for Army relief-feeding in Germany.

² Equivalent cases of 24 No. 2 cans. Receipts from Puerto Rico and domestic exports of segments converted to cases at 30 pounds per case; juice at 3.4 gallons per case.

³ January-June 1931.

⁴ Quantities of grapefruit juice shown here as "receipts from Puerto Rico" were designated as such prior to the 1934 season; beginning in 1934 they have been designated simply as "fruit juices, n.e.s." in reports of Department of Commerce.

⁵ January-June 1939.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Exports from reports of the Department of Commerce.

TABLE 240.—Orange juice, blended juices, lemon juice, and tangerine juice, single-strength, canned: United States packs, 1929-47

Season beginning November—	Orange juice				Blended orange and grapefruit juices				Lemon juice	Tangerine juice
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	California	Florida
	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹	1,000 cases ¹
1929	38			38						
1930	61	33		94						
1931	36			36						
1932	64	35		99						
1933	58	245		303						
1934	241	704		945					42	
1935	162	874		1,036	85			85	141	
1936	498	912		1,410	272			272	249	
1937	806	234		1,040	547			547	212	
1938	926	337		1,263	699			18	717	59
1939	2,851	744		3,595	1,403	30		30	1,433	128
1940	3,078	1,016		4,094	2,537			32	2,569	294
1941	3,466	1,311		4,777	2,304			38	2,342	228
1942	2,429	394		2,823	3,676			25	3,702	29
1943	7,075	1,371		8,446	6,176	38		69	6,283	111
1944	13,935	2,842		16,777	7,745	76		254	8,075	330
1945	18,421	3,705	56	22,182	12,267	568		626	13,461	627
1946	17,294	2,321	102	19,717	10,034	85		340	10,459	327
1947	25,593	1,550	165	27,308	11,894	176		299	12,369	492

¹ Equivalent cases of 24 No. 2 cans.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Data on grapefruit juice in table 239.

TABLE 241.—Concentrated citrus juices and frozen concentrated orange juice: Annual packs, by producing areas, 1940-47¹

Season beginning November—	Concentrated orange juice, 65° Brix		Concentrated grapefruit juice, 60° Brix	Concentrated lemon juice, 40° Brix	Frozen concentrated orange juice, 42° Brix	
	California-Arizona	Florida	California-Arizona	California-Arizona	California-Arizona	Florida
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1940	798	65	37	192		
1941	2,226	93	19	99		
1942	3,076	1,882	37	682		
1943	1,926	1,283	26	277		
1944	2,601	240	56	393		
1945	938	244	130	280		226
1946	3,332	1,447	43	244		559
1947	2,928	1,739	² 227	446	437	1,935

¹ Concentrated juices can be converted to approximate single-strength equivalent by multiplying orange and grapefruit concentrate by 8, lemon concentrate by 6, and frozen orange concentrate by 4.

² In 1947-48 an additional 1,440,177 gallons were packed in Florida as a result of a Department of Agriculture purchase program. It was used for Army relief feeding in occupied Germany.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners.

TABLE 242.—*Citrus fruit: International trade, average 1934-38, annual 1944-48*

ORANGES (INCLUDING TANGERINES)

Classification and country	Average 1934-38	1944	1945	1946	1947	1948
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Exporting countries:						
United States ¹	4,676	6,178	6,143	7,694	8,23	6,369
United States ²	183	237	283	265		
British Honduras.....	2	4	4	6	4	4
Costa Rica.....	6	33	22	7	3	3
Honduras.....	16	(³)	(³)			
Dominican Republic.....	4 20	31	51	46	46	57
Dominica.....	10	10	9	10	10	
Haiti.....	5	2	4	5	6	
Jamaica.....	227	11	22	83	101	102
Trinidad and Tobago.....	19	1	23	21	24	
Italy.....	3,591	1 215	1 143	1,265	3,470	4,405
Greece.....	233	1	0	(³)	36	9
Spain.....	19,614	7,856	8,279	6,347	5,468	8,194
France.....	32	0	0	0	(³)	
Brazil.....	3,809	1,271	1,400	2,768	1,702	3,142
Ecuador.....	137	91	94	144	160	
Paraguay.....	232	15	37	50	50	
Surinam.....	3	2	3	20	69	90
Uruguay.....	10					
Palestine.....	7,754	2,815	2,508	5,572	8,194	7,637
China.....	596	21	(⁶)	46	45	88
Cyprus.....	213	87	112	197	200	
Siam.....	23	1	0			
Turkey ¹	51	0	(³)	0	0	0
Japan.....	1,082				27	65
Japan ⁷	889					
Korea.....	297					
Formosa.....	225					
Formosa ³	66					
Syria and Lebanon.....	284	0	0	36	45	17
Union of South Africa.....	2,724	988	2,492	2,081	2,965	2,376
Algeria.....	1 1,370	119	128	1 772	1 1,967	1 2,886
Egypt.....	10 212	10	19	25	13	
French Morocco.....	172	83	11 233	11 595	11 1,052	11 2,177
Tunisia.....	104			31	94	224
Spanish Morocco.....	11	1	6			
South ern Rhodesia.....	156	4	6			
Mozambique.....	98	15	11			
Australia ¹²	354	146	95	229	13 319	
Cook Islands ¹⁴	63	43	69	22	50	36
Total.....	49,569	20,291	22,196	28,337	34,351	37,881
Importing countries:						
Canada.....	2,707	6,199	6,236	6,052	5,607	5,047
Panama Canal Zone.....	7	42	51			
Bahamas.....	6	3	3	3	3	3
Curaçao (Neth. West Indies).....	4 32	31	60	58	64	77
United Kingdom ¹	16,504	5,300	9,780	8,503	13,109	14,627
Germany ¹⁵	6,002	948		1		109
France.....	7,892	34	209	1,385	2,995	6,373
Netherlands ¹	2,266			546	1,288	1,109
Belgium.....	2,326	100	2	2,291	4,124	3,128
Sweden ¹	1,165	984	443	2,790	2,165	1,394
Switzerland.....	837	589	245	1,073	1,295	1,562
Czechoslovakia.....	753	64		14	512	21
Norway.....	723	35	124	557	618	265
Hungary.....	418	0	0			
Poland.....	703					
Denmark.....	239	72	153	214	1	131
Yugoslavia.....	206					
Finland.....	210	0	1	(³)	1	
Ireland.....	519	31	82	652	758	566
Iceland.....	6	1	8	35	(³)	0
Bulgaria.....	38	(³)	0			
Austria ¹⁶	545				57	167

See footnotes at end of table.

TABLE 242.—*Citrus fruit: International trade, average 1934-38, annual 1944-48*
—Continued

ORANGES (INCLUDING TANGERINES)

Classification and country	Average 1934-38	1944	1945	1946	1947	1948
	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Importing countries (Continued):						
Rumania.....	237	5				
U. S. S. R.....	314					
Malta.....	47	(^o)	80	1	56	41
Argentina.....	1,350	1,608	1,564	1,326	1,473	2,107
Chile.....	17	30	40	25	8	5
British Guiana.....	9	1	5			
China.....	89	119	(^o)	333	7	(^o)
Syria and Lebanon.....	219	992	505	364	271	33
Netherlands Indies.....	38	(^o)	(^o)	(^o)	(^o)	3
Indochina.....	74					
Philippine Islands.....	146		1	454	357	608
Japan ¹⁾	66					
Korea ²⁾	889					
Hong Kong.....	255		(^o)	40	28	36
Manchuria.....	1,086					
Egypt.....	10	427	154			
Mauritius.....	2	12	5			
Canary Islands.....	1	42	55			
Spanish Morocco.....	9	96	160			
South West Africa.....	12	49	48			
Southern Rhodesia.....	1	7	7			
New Zealand.....	249	142	132	105	227	392
New Zealand ^{1a)}	63	43	69	22	50	36
Hawaii ^{1b)}	183	237	283	265	0	
Total.....	49,470	18,246	20,505	27,114	35,074	37,840

GRAPEFRUIT

Exporting countries:						
United States.....	948	1,221	1,498	2,280	2,430	2,146
United States ²⁾	17	26	30	26	28	
Puerto Rico ^{1a)}	287	0	0	0	1	0
British Honduras.....	29	3	2	1	2	
Cuba.....	162	61	10	38	81	42
Dominica.....	4	8	7	5		
Honduras.....	18	0	0			
Jamaica.....	144	4	4	30	70	129
Trinidad and Tobago.....	49	2	2	4	91	200
Brazil.....	123	(^o)	0			
Palestine.....	1,331	130	532	893	1,071	799
Cyprus.....	10	4	42	58	145	
Algeria ¹⁾	89	(^o)	64	27	23	35
Union of South Africa.....	344	0	275	320	349	300
Australia ¹²⁾	2	(^o)	(^o)	4	6	
Total.....	3,557	1,459	2,466	3,686	4,297	3,651
Importing countries:						
United States.....	82	49	10	34	75	42
United States ²⁰⁾	287	0	0	0	1	0
Canada.....	558	1,121	1,333	1,778	1,552	1,797
Denmark.....	9	1	9	20	0	
Ireland.....	35	(^o)	(^o)	36	17	10
Germany.....	31					
France.....	107	0	(^o)	3	6	36
Netherlands.....	57	(^o)	0	5	27	32
Sweden.....	37	6	6	104	69	
United Kingdom ¹⁾	1,624	(^o)	668	1,012	2,032	1,419
Belgium.....	193	0	(^o)	190	323	182
Czechoslovakia.....	18	0	0		30	
Syria and Lebanon.....	0	38	15	3	2	
Egypt.....	4	5	13			
Philippine Islands.....	12	(^o)	(^o)	3	4	13
New Zealand.....	7	1	6	12	3	8
Australia ¹²⁾	11	0	0	4	6	
Hawaii ^{1b)}	17	26	30	26	28	
Total.....	3,089	1,247	2,090	3,230	4,175	3,539

See footnotes at end of table.

TABLE 242.—*Citrus fruit: International trade, average 1934-38, annual 1944-48*
—Continued

LEMONS

Classification and country	Average 1934-38	1944	1945	1946	1947	1948
	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>
Exporting countries:						
United States ¹	452	501	569	536	484	64
United States ²	18	24	29	22	19	-----
Italy.....	6,169	6,777	6,615	1,293	2,591	4,062
Spain.....	4,762	763	577	311	177	61
Syria and Lebanon.....	254	4	7	77	16	30
Palestine.....	64	6	61	173	200	200
Algeria.....	13	1	6	53	37	124
Cyprus.....	27	1	19	30	30	-----
Union of South Africa.....	36	2	2	12	6	-----
Australia ¹²	9	2	2	6	11	-----
Total.....	7,804	2,081	1,887	2,513	3,571	4,541
Importing countries:						
Canada.....	375	483	552	516	483	511
Germany ¹⁴	1,905	325	0	2	13	284
United Kingdom ¹	1,732	518	859	669	900	1,336
France ¹	754	55	79	250	501	993
Czechoslovakia.....	448	18	0	238	504	402
Poland.....	329	-----	-----	-----	-----	-----
Switzerland ¹	297	85	121	251	320	395
Austria ¹⁶	251	-----	-----	-----	-----	-----
Belgium.....	168	26	42	179	300	266
Rumania.....	162	16	-----	-----	-----	-----
Netherlands ¹	165	(⁶)	(⁶)	19	117	46
Hungary.....	166	0	0	-----	-----	-----
Yugoslavia.....	131	-----	-----	-----	-----	-----
Denmark.....	71	11	42	160	154	182
Sweden.....	64	50	60	97	109	150
Turkey.....	92	0	0	-----	-----	-----
Greece.....	14	0	(³)	-----	-----	-----
U. S. S. R.....	141	-----	-----	-----	-----	-----
Latvia.....	22	-----	-----	-----	-----	-----
Lithuania.....	12	-----	-----	-----	-----	-----
Ireland.....	42	6	26	29	15	23
Bulgaria.....	28	4	4	-----	-----	-----
Finland.....	15	3	0	-----	-----	-----
Argentina.....	52	3	5	1	8	-----
Syria and Lebanon.....	(³)	1	44	2	29	0
China.....	5	4	-----	-----	-----	-----
New Zealand.....	8	2	1	1	11	-----
Hawaii ¹⁹	18	24	29	22	19	-----
Total.....	7,467	1,634	1,864	2,436	3,483	4,588

¹ Net trade. ² Trade with Hawaii. ³ Less than 500 boxes. ⁴ Less than 5 years. ⁵ Exports from Sicily only. ⁶ Not available. ⁷ Trade with Korea. ⁸ Trade with Japan. ⁹ Crop year. ¹⁰ Includes Egyptian Sudan. ¹¹ All citrus. ¹² Year beginning July 1. ¹³ 9 months. ¹⁴ Trade with New Zealand. ¹⁵ Includes Austria 1940-45. ¹⁶ Included with Germany 1940-45. ¹⁷ Trade with Formosa. ¹⁸ Trade with Cook Islands. ¹⁹ Trade with United States. ²⁰ Trade with Puerto Rico.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of official research, and other information.

TABLE 243.—Cranberries: Acreage, yield, production, season average price per barrel received by farmers, value, and quantities processed, 5 States,¹ 1929-48

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Quantities processed ²	Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Quantities processed ²
1929	27,440	20.8	569,800	13.49	7,687	-----	1939	25,640	27.5	704,200	9.85	6,933	206,102
1930	27,640	21.1	583,500	10.83	6,320	-----	1940	25,440	22.4	570,500	12.40	7,055	170,401
1931	27,640	23.7	654,000	6.55	4,284	-----	1941	25,440	28.5	725,200	11.70	8,491	266,760
1932	27,320	21.2	579,800	7.79	4,517	-----	1942	25,450	31.9	812,200	12.40	10,078	397,613
1933	26,940	25.9	698,700	6.41	4,481	-----	1943	25,440	27.0	687,900	16.40	11,270	275,500
1934	26,540	16.8	445,300	11.58	5,156	32,700	1944	25,400	14.8	375,700	24.60	9,237	158,400
1935	26,290	19.6	515,500	12.13	6,255	86,800	1945	25,680	25.5	656,100	20.90	13,686	281,000
1936	26,200	19.2	504,300	13.58	6,848	88,075	1946	26,000	32.9	856,100	31.90	27,291	587,500
1937	26,140	33.6	877,300	8.75	7,674	316,887	1947	26,160	30.2	790,200	17.10	13,487	500,200
1938	25,840	18.4	474,200	10.98	5,206	43,415	1948 ⁴	26,560	36.4	967,700	10.10	9,753	505,400

¹ Massachusetts, New Jersey, Wisconsin, Washington, and Oregon.

² Mainly for canning, except 128,425 barrels dried in 1943, 61,300 barrels in 1944, and 44,800 barrels in 1945.

³ Barrels of 100 pounds.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1900-28 in Agricultural Statistics, 1942, table 304.

TABLE 244.—Cranberries: Production and season average price per barrel received by farmers, by States, average 1937-46, annual 1945-48

State	Production					Price for crop of—				
	Average 1937-46	1945	1946	1947	1948 ¹	Average 1937-46	1945	1946	1947	1948 ¹
	Barrels ²	Barrels ²	Barrels ²	Barrels ²	Barrels ²	Dollars	Dollars	Dollars	Dollars	Dollars
Massachusetts	445,600	478,000	553,000	485,000	605,000	15.90	21.00	31.40	17.20	9.90
New Jersey	86,100	49,000	101,000	82,000	69,000	15.60	19.40	32.20	16.90	9.90
Wisconsin	105,800	82,000	145,000	161,000	238,000	16.90	21.20	33.50	17.30	10.90
Washington	26,710	36,400	42,000	48,000	42,400	15.20	20.10	32.00	15.00	8.05
Oregon	9,730	10,700	15,100	14,200	13,300	15.90	21.20	31.30	17.90	10.90
5 States	673,940	656,100	856,100	790,200	967,700	16.00	20.90	31.90	17.10	10.10

¹ Preliminary.

² Barrels of 100 pounds.

Bureau of Agricultural Economics.

TABLE 245.—Dates: Production, season average price per ton received by farmers, and value, California, and imports, United States, 1929-48¹

Year	California			Imports, year beginning July	Year	California			Imports, year beginning July
	Production	Price ²	Farm value			Production	Price ²	Farm value	
	Tons	Dollars	1,000 dollars			Tons	Dollars	1,000 dollars	
1929	870	222	193	26,625	1939	2,600	126	338	22,547
1930	1,560	140	218	21,214	1940	6,200	117	725	22,394
1931	1,215	60	73	21,950	1941	5,790	150	868	9,081
1932	2,160	40	86	23,911	1942	7,740	262	2,028	1,631
1933	2,450	70	172	21,144	1943	10,770	466	5,019	324
1934	3,160	80	253	26,890	1944	13,190	492	6,489	11,964
1935	3,250	80	260	27,028	1945	6,800	398	2,706	19,518
1936	3,970	110	437	29,068	1946	16,720	185	3,093	22,592
1937	3,630	120	436	25,822	1947	10,180	81	825	9,849
1938	3,530	125	441	23,474	1948 ³	15,070	122	1,839	-----

¹ The 1940 census reported date production in California, Arizona, and a few minor producing States in 1939, but of the total production 95 percent was in California.

² Equivalent returns per ton for bulk fruit at the first delivery point.

³ Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce.

TABLE 246.—Figs: Production, season average price per ton received by farmers, and value, California and Texas, and imports, United States, 1929-48

Year	California											Texas, commercial preserving			California and Texas			Net imports, year beginning July (dried figs) ³
	Dried (dry basis)					Fresh and canned			Total			Production (fresh basis)	Price	Farm value	Production (fresh basis)	Price	Farm value	
	Production			Price	Farm value	Production (fresh basis)	Price ¹	Farm value	Production (fresh basis) ²	Price	Farm value							
	Total	Stand-ard	Sub-stand-ard															
Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	
1929	17,000	12,600	5,000	90.00	1,530	7,300	100.00	730	58,300	38.77	2,260	2,780	40.00	111	61,080	38.82	2,371	8,884
1930	21,000	15,100	5,900	48.00	1,008	7,700	90.00	693	70,700	24.06	1,701	2,960	45.00	133	73,660	24.90	1,834	6,950
1931	17,000	9,500	7,500	37.00	629	5,300	74.00	392	56,300	18.13	1,021	1,850	59.00	109	58,150	19.43	1,130	3,837
1932	19,000	14,300	4,700	25.47	484	6,500	36.50	237	63,500	11.35	721	510	47.00	24	64,010	11.64	745	2,935
1933	21,500	17,200	4,300	43.80	942	5,900	50.50	298	70,400	17.61	1,240	660	55.00	36	71,060	17.96	1,276	3,543
1934	22,900	17,400	5,500	59.30	1,358	9,000	51.85	467	77,700	23.49	1,825	970	52.00	50	78,670	23.83	1,875	2,828
1935	24,000	18,800	5,200	43.00	1,032	10,200	56.50	576	82,200	19.56	1,608	1,590	64.00	102	83,790	20.41	1,710	3,190
1936	20,000	15,000	5,000	77.00	1,540	11,000	54.00	594	71,000	30.06	2,134	1,450	59.00	86	72,450	30.64	2,220	3,202
1937	28,700	23,600	5,100	68.00	1,952	12,000	70.30	844	98,100	28.50	2,796	1,610	60.00	97	99,710	29.01	2,893	2,946
1938	31,500	20,600	10,900	65.10	2,051	11,000	56.50	622	105,500	25.34	2,673	1,240	45.00	56	106,740	25.57	2,729	2,416
1939	26,000	20,900	5,100	78.00	2,028	9,300	49.10	457	87,300	28.50	2,485	1,140	56.00	64	88,440	28.80	2,549	2,323
1940	32,000	24,100	7,900	70.00	2,240	15,000	57.50	862	111,000	27.90	3,102	840	63.00	53	111,840	28.20	3,155	785
1941	33,500	25,000	8,500	114.00	3,819	19,000	58.10	1,104	119,500	41.20	4,923	1,400	64.00	90	120,900	41.50	5,013	91
1942	28,200	22,900	5,300	171.00	4,822	17,000	79.30	1,348	101,600	60.70	6,170	1,100	82.00	90	102,700	61.00	6,260	4,310
1943	36,700	29,900	6,800	292.00	10,716	23,000	137.00	3,151	133,100	104.00	13,867	460	158.00	73	133,560	104.00	13,940	1,244
1944	35,200	27,400	7,800	253.00	8,906	19,000	130.00	2,470	124,600	91.30	11,376	750	168.00	126	125,350	91.80	11,502	4,1,268
1945	32,600	25,600	7,000	273.00	8,900	14,000	139.00	1,946	111,800	97.00	10,846	1,100	152.00	167	112,900	97.50	11,013	483
1946	36,600	27,700	8,900	278.00	10,175	18,000	141.00	2,538	127,800	99.50	12,713	1,280	174.00	223	129,080	100.00	12,936	4,408
1947	38,000	30,600	7,400	123.00	4,674	16,000	116.00	1,856	130,000	50.20	6,530	760	174.00	132	130,760	50.90	6,662	808
1948 ⁴	30,300	23,300	7,000	139.00	4,212	12,000	98.10	1,177	102,900	52.40	5,389	510	112.00	57	103,410	52.70	5,446	-----

¹ Equivalent returns per ton for bulk fruit at the first delivery point.

² California dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

³ General imports minus re-exports, 1929-33; imports for consumption, 1934-41; imports for consumption minus exports—1942 to date.

⁴ Net exports; classification beginning 1943.

⁵ Preliminary.

Bureau of Agricultural Economics. Imports and exports from records of Department of Commerce.

TABLE 247.—*Grapes: Production, value, and foreign trade; also raisin production and foreign trade, United States, 1929-48*

Year	Grapes											Raisins		
	Production (fresh basis) ¹			Season average price per ton received by farmers			Total farm value	Foreign trade, year beginning July				Production (Calif.) ⁴	Foreign trade, year beginning September ⁵	
	California	Other States	United States	California ²	Other States	United States		Domestic exports		Imports, fresh	Net exports ³		Domestic exports	Imports
								Fresh	Canned, in terms of fresh					
	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	1,000 dollars	Tons	Tons	Tons	Tons	1,000 tons	Tons	Tons
1929.....	1,827	259	2,086	23.79	52.27	27.33	57,007	23,079	-----	2,687	20,448	215	66,383	739
1930.....	2,181	277	2,458	16.30	42.99	19.46	45,536	24,900	-----	2,856	22,107	192	66,795	1,131
1931.....	1,320	327	1,647	20.23	32.08	22.60	36,996	13,806	-----	3,013	10,902	169	60,877	662
1932.....	1,926	307	2,233	11.72	22.80	13.35	27,753	14,376	-----	3,157	11,616	262	64,710	708
1933.....	1,660	279	1,939	16.10	29.31	18.00	34,846	13,344	-----	⁶ 3,928	9,416	195	52,530	⁶ 563
1934.....	1,700	258	1,958	17.52	34.51	19.75	38,664	17,856	-----	7,305	10,551	171	48,226	527
1935.....	2,194	283	2,477	12.93	29.79	14.86	36,800	18,676	-----	4,579	14,097	203	60,891	473
1936.....	1,714	183	1,897	19.10	42.52	21.36	40,531	23,058	-----	4,753	18,305	182	59,121	348
1937.....	2,454	272	2,726	18.99	33.67	20.41	55,456	35,014	-----	4,740	30,274	247	76,674	256
1938.....	2,531	140	2,671	12.83	44.93	14.61	38,760	39,929	-----	4,549	35,380	290	84,290	174
1939.....	2,228	221	2,449	13.70	38.70	15.90	39,034	29,980	-----	4,443	25,537	245	62,079	148
1940.....	2,250	216	2,466	15.50	34.50	17.20	42,302	30,523	7 51	3,419	27,155	171	49,349	55
1941.....	2,547	178	2,725	22.40	48.80	24.10	65,725	32,101	149	3,389	28,861	209	52,561	59
1942.....	2,160	236	2,396	33.40	55.10	35.60	85,174	22,025	19	1,430	20,614	254	⁸ 84,925	50
1943.....	2,789	176	2,965	60.70	86.20	62.20	184,550	23,751	1	669	23,083	401	126,786	19
1944.....	2,514	198	2,712	77.20	99.00	78.80	213,689	22,402	23	2,755	19,670	310	104,072	73
1945.....	⁹ 2,683	118	2,781	56.50	121.00	69.30	164,193	29,067	(10)	3,779	25,288	241	53,179	1
1946.....	2,958	202	3,160	90.50	142.00	93.80	296,491	36,091	1	6,986	29,106	193	43,659	1,234
1947.....	2,836	200	3,036	36.00	100.00	40.20	122,147	47,176	126	4,811	42,491	306	155,116	38
1948 ¹¹	2,857	187	3,044	35.60	98.80	39.60	120,321	-----	-----	-----	-----	223	-----	-----

¹ Includes the following quantities unharvested on account of economic conditions (1,000 tons): California, 1930-433, including 316 sold but left on the vines; 1931-10; 1932-154; 1933-3. Other States, 1937-9; 1940-2; 1948-240. Price and value apply only to that portion of the crop utilized plus a quantity of fruit that was sold but left on the vines in 1930.

² Equivalent returns per ton for bulk fruit at the first delivery point.

³ Total exports (domestic plus foreign) minus total imports. Beginning 1933, domestic exports minus imports for consumption.

⁴ Included in total production of grapes, fresh basis; 1 ton of raisins equivalent to about 4 tons of fresh grapes.

⁵ Exports and imports of raisins converted to sweatbox, or production, basis at the ratio of 1 to 1.08.

⁶ Beginning 1933, imports for consumption.

⁷ January-June 1941; first date reported. One pound canned equals 0.741 pound fresh.

⁸ Includes currants beginning January 1943.

⁹ The production estimate for California includes 12,000 tons (fresh weight) of raisin varieties lost on the drying trays because of rain damage.

¹⁰ less than 1/2 ton.

¹¹ Preliminary.

Bureau of Agricultural Economics. Foreign trade compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, 1929-42, and official records of the U. S. Department of Commerce.

TABLE 248.—*Grapes: Production and season average price per ton received by farmers, by States, average 1937-46, annual 1946-48*

State and division	Production ¹				Price for crop of—			
	Average 1937-46	1946	1947	1948 ²	Average 1937-46	1946	1947	1948 ²
	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars
New York.....	55,360	64,500	60,000	65,200	75.50	163.00	106.00	105.00
New Jersey.....	2,250	2,400	1,900	1,800	69.00	114.00	102.00	90.00
Pennsylvania.....	16,330	19,500	18,100	17,200	76.10	158.00	110.00	110.00
North Atlantic.....	73,940	86,400	80,000	84,200	75.70	161.00	107.00	106.00
Ohio.....	17,190	12,500	15,400	11,000	69.90	150.00	100.00	105.00
Indiana.....	2,500	1,900	2,400	2,100	59.70	100.00	75.00	85.00
Illinois.....	3,700	2,300	3,200	3,100	61.50	100.00	94.00	100.00
Michigan.....	33,820	31,000	42,500	27,000	69.30	137.00	88.00	98.00
Iowa.....	3,090	2,700	2,600	3,100	67.30	95.00	95.00	100.00
Missouri.....	5,570	3,100	3,800	3,800	58.30	84.00	74.00	76.00
Kansas.....	2,350	1,600	1,900	2,400	66.00	92.00	88.00	86.00
North Central.....	68,220	55,100	71,800	52,500	67.20	131.00	89.90	97.10
Virginia.....	1,810	2,200	1,800	2,300	93.40	170.00	170.00	170.00
West Virginia.....	1,325	1,800	900	1,500	89.20	150.00	150.00	115.00
North Carolina.....	5,300	5,100	5,600	5,600	96.10	200.00	180.00	176.00
South Carolina.....	1,168	1,100	1,100	1,100	97.90	200.00	180.00	180.00
Georgia.....	1,870	2,200	2,600	2,900	103.00	190.00	180.00	180.00
South Atlantic.....	11,465	12,400	12,000	13,400	95.00	186.00	176.00	169.00
Arkansas.....	8,570	10,800	12,600	11,100	61.40	125.00	89.00	79.00
South Central.....	8,570	10,800	12,600	11,100	61.40	125.00	89.00	79.00
Arizona.....	970	1,000	1,100	800	128.00	387.00	242.00	345.00
Washington.....	13,150	19,400	21,400	24,000	44.60	84.70	67.40	42.00
Oregon.....	1,850	1,600	1,500	1,400	56.70	90.00	80.00	86.00
California, all.....	2,509,400	2,958,000	2,836,000	2,857,000	3 40.20	3 90.50	3 36.00	3 35.60
Wine varieties.....	575,100	684,000	617,000	620,000	3 47.30	3 104.00	3 33.40	3 35.70
Table varieties.....	452,200	630,000	620,000	592,000	3 50.80	3 98.50	3 45.60	3 35.50
Raisin varieties.....	1,452,100	1,644,000	1,699,000	1,645,000	3 33.80	3 81.90	3 33.30	3 35.70
Raisins ⁴	256,050	193,000	306,000	223,000	3 129.00	3 312.00	3 132.00	3 134.00
Not dried.....	427,900	872,000	475,000	753,000	3 40.40	3 85.30	3 34.00	3 38.20
Western.....	2,525,370	2,980,000	2,860,000	2,883,200	40.30	90.60	36.30	35.80
Other States ⁵	17,570	14,800						
United States.....	2,705,135	3,159,500	3,036,400	3,044,400	42.20	93.80	40.20	39.50

¹ For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1948, estimates of such quantities were as follows (tons): Kansas, 240.

² Preliminary.

³ Equivalent returns per ton for bulk fruit at the first delivery point.

⁴ Dried basis: 1 ton of raisins equivalent to about 4 tons of fresh grapes.

⁵ "Other States" totals include Massachusetts, Rhode Island, Connecticut, Wisconsin, Nebraska, Delaware, Maryland, Florida, Kentucky, Tennessee, Alabama, Oklahoma, Texas, Idaho, Colorado, New Mexico, and Utah. Estimates of grape production for those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 249.—*Grapes: Production and utilization, United States, 1939-48 crops*

Crop of	Production	Production having value ¹	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned ²	Dried	Other ³
<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1939.....	2,448,950	2,448,950	39,350	2,409,600	601,150	11,000	988,600	808,850
1940.....	2,466,450	2,464,050	36,720	2,427,330	633,250	11,300	688,600	1,094,180
1941.....	2,724,900	2,724,900	34,750	2,690,150	623,500	18,000	840,000	1,208,650
1942.....	2,395,500	2,395,500	36,970	2,358,530	593,780	16,400	1,025,000	723,350
1943.....	2,965,250	2,965,250	31,760	2,933,490	425,620	13,000	1,605,800	889,070
1944.....	2,712,100	2,712,100	37,590	2,675,050	454,860	14,000	1,238,000	968,190
1945.....	2,781,400	2,769,400	26,590	2,742,810	525,260	11,000	969,200	1,237,350
1946 ⁴	3,159,500	3,159,500	32,800	3,126,700	559,650	14,300	772,400	1,780,350
1947.....	3,036,400	3,036,400	27,100	3,009,300	659,150	23,000	1,225,100	1,102,050
1948 ⁵	3,044,400	3,044,160	27,700	3,016,460	577,440	30,000	894,200	1,514,820

¹ Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions.

² Includes estimated quantities of grapes canned in California only. In some of the other States, in some years, small quantities of grapes were canned. Estimates of these quantities, however, are not available, and that part of production which was canned in those States is included in "fresh."

³ Mostly crushed for wine, brandy, and juice, but also includes quantities for freezing, jam, and jelly. ⁴ Revised. ⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1934-38 in Agricultural Statistics, 1946, table 236.

TABLE 250.—*Grapes: Production and utilization, by States, 1947 and 1948 crops*
CROP OF 1947

State	Production	Production having value	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned	Dried	Other ¹
<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
New York.....	60,000	60,000	1,620	58,380	6,080	-----	-----	52,300
New Jersey.....	1,900	1,900	200	1,700	870	-----	-----	830
Pennsylvania.....	18,100	18,100	2,000	16,100	1,800	-----	-----	14,300
Ohio.....	15,400	15,400	2,200	13,200	4,500	-----	-----	8,700
Michigan.....	42,500	42,500	1,800	40,700	14,150	-----	-----	26,550
Arkansas.....	12,600	12,600	900	11,700	580	-----	-----	11,120
Washington.....	21,400	21,400	750	20,650	1,840	-----	-----	18,810
California, all.....	2,836,000	2,836,000	2,700	2,833,300	619,200	23,000	1,225,100	966,000
Wine varieties.....	517,000	517,000	1,400	515,600	114,600	-----	-----	401,000
Table varieties.....	620,000	620,000	600	619,400	327,600	-----	1,100	290,700
Raisin varieties.....	1,699,000	1,699,000	700	1,698,300	177,000	23,000	2 ¹ 1,224,000	274,300
Other States ³	28,500	28,500	14,930	13,570	10,130	-----	-----	3,440
United States.....	3,036,400	3,036,400	27,100	3,009,300	659,150	23,000	1,225,100	1,102,050

CROP OF 1948⁵

New York.....	65,200	65,200	1,620	63,580	6,280	-----	-----	57,300
New Jersey.....	1,800	1,800	200	1,600	740	-----	-----	860
Pennsylvania.....	17,200	17,200	2,000	15,200	2,000	-----	-----	13,200
Ohio.....	11,000	11,000	1,800	9,200	3,400	-----	-----	5,800
Michigan.....	27,000	27,000	1,600	25,400	6,990	-----	-----	18,410
Arkansas.....	11,100	11,100	1,080	10,020	2,020	-----	-----	8,000
Washington.....	24,000	24,000	780	23,220	1,780	-----	-----	21,440
California, all.....	2,857,000	2,857,000	2,700	2,854,300	543,800	30,000	894,200	1,386,300
Wine varieties.....	620,000	620,000	1,400	618,600	99,300	-----	2,000	517,300
Table varieties.....	592,000	592,000	600	591,400	256,800	-----	200	334,400
Raisin varieties.....	1,645,000	1,645,000	700	1,644,300	187,700	30,000	2 892,000	534,600
Other States ³	30,100	29,860	15,920	13,940	10,430	-----	-----	3,510
United States.....	3,044,400	3,044,160	27,700	3,016,460	577,440	30,000	894,200	1,514,820

¹ Mostly crushed for wine, brandy, and juice, but also includes quantities for freezing, jam, and jelly.

² Fresh basis: dried raisins converted to fresh weight at ratio of 4 tons fresh to 1 ton dried.

³ Indiana, Illinois, Iowa, Missouri, Kansas, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Arizona and Oregon.

⁴ Includes estimated quantities of grapes canned in California only. In some of the other States, in some years, small quantities of grapes were canned. Estimates of these quantities are not available, however, and that part of production which was canned in those States is included in "fresh."

⁵ Preliminary.

⁶ Production includes 240 tons of Kansas grapes not harvested on account of economic conditions.

Bureau of Agricultural Economics.

TABLE 251.—*Grapes, California: Utilization of harvested production of all varieties, 1929-48*

Year	Harvested production	Dried, fresh basis ¹	Table stock ²	Crushed by commercial wineries	Otherwise used as juice stock ²	Canned
	Tons	Tons	Tons	Tons	Tons	Tons
1929	1,827,000	898,000	320,200	51,000	655,500	2,300
1930	1,748,000	782,100	316,400	74,100	574,100	1,300
1931	1,310,000	702,400	235,400	34,600	337,300	300
1932	1,772,000	1,062,000	230,400	99,000	380,100	500
1933	1,657,000	793,000	201,230	444,000	217,800	970
1934	1,700,000	695,200	263,400	530,000	209,200	2,200
1935	2,194,000	816,000	252,500	887,000	236,100	2,400
1936	1,714,000	733,600	289,900	494,000	193,300	3,200
1937	2,454,000	994,000	316,400	911,000	225,100	7,500
1938	2,531,000	1,168,800	309,200	862,000	186,000	5,000
1939	2,228,000	988,600	293,600	712,000	222,800	11,000
1940	2,250,000	688,600	328,900	996,000	227,200	11,300
1941	2,547,000	840,000	350,900	1,120,000	218,100	18,000
1942	2,160,000	1,025,000	320,100	596,100	202,400	16,400
1943	2,789,000	1,605,800	318,700	790,000	61,500	13,000
1944	2,514,000	1,238,000	274,000	858,000	130,000	14,000
1945	2,651,000	969,200	351,000	1,170,000	149,800	11,000
1946	2,958,000	772,400	379,100	1,651,900	140,300	14,300
1947	2,836,000	1,225,100	458,900	966,000	163,000	23,000
1948	2,857,000	894,200	405,200	1,386,300	141,300	30,000

¹ Includes small quantities of dried grapes which were finally used for juice. 1 ton dried equals 4 tons fresh.

² Estimates made by the Giannini Foundation of Agricultural Economics, University of California. Bureau of Agricultural Economics. Compiled partly from reports of the California Cooperative Crop Reporting Service and the Federal-State market news service.

TABLE 252.—*Grapes: Sales of selected California varieties at eastern and mid-western auctions, ¹ 1943-48*

Class and variety	Number of packages (mostly lugs) ^{2 3}						Season average price per package ²					
	1943	1944	1945	1946	1947	1948	1943	1944	1945	1946	1947	1948
<i>Table grapes</i> ⁴												
Almeria	152	160	209	364	299	403	3.23	4.66	3.02	4.26	2.69	2.77
Cornichon	85	71	53	87	89	62	2.45	2.72	2.40	2.60	1.81	1.97
Emperor	761	848	669	1,380	2,289	1,565	3.20	4.02	2.81	3.60	2.54	2.66
Red Malaga	419	330	157	392	492	362	4.40	4.07	2.87	4.73	3.17	3.66
Ribier	419	342	244	591	623	609	3.31	3.66	2.67	3.54	2.77	3.07
Thompson Seedless	⁵ 166	⁵ 291	⁵ 861	2,116	2,563	2,613	5.29	5.66	2.61	4.04	2.85	3.20
Tokay	581	526	217	754	747	616	2.89	2.59	2.31	2.75	2.02	2.11
White Malaga	684	497	169	418	406	204	2.93	3.06	2.45	2.35	1.87	2.05
<i>Juice grapes</i> ⁶												
Alicante Bouschet	129	786	519	994	973	969	3.43	4.30	2.99	3.43	2.64	2.45
Carignane	7	245	192	230	310	240	3.20	3.33	2.84	3.39	2.30	2.07
Juice Muscat	⁸ 2	⁵ 256	⁵ 180	307	426	402	3.02	3.60	2.96	3.50	2.27	2.37
Mataro	6	19	10	15	20	14	3.25	4.44	2.81	3.61	2.34	2.20
Mission		9	19	16	35	44		3.93	2.73	3.20	1.97	2.05
Petite Sirah	9	16	2	5	7	7	3.24	3.87	3.05	3.86	2.70	2.89
Zinfandel	139	332	67	361	304	350	3.12	4.36	2.69	3.80	2.83	2.90
Total table ⁷	3,303	3,096	2,590	6,225	7,634	6,580	3.35	3.72	2.68	3.64	2.61	2.90
Total juice ⁷	335	1,987	1,169	2,255	2,470	2,441	3.22	3.99	2.91	3.57	2.49	2.38
Grand total ⁷	3,638	5,083	3,759	8,480	10,104	9,021	3.34	3.83	2.75	3.63	2.58	2.76

¹ Baltimore, Boston, Chicago, Cincinnati, Cleveland, Detroit, Jersey City, Minneapolis, New York, Philadelphia, Pittsburgh, St. Louis, and St. Paul, except for 1943 when Detroit and Cleveland market news offices were closed. Minneapolis and St. Paul auctions were discontinued after 1944.

² From start of season in late June through Dec. 31 for years prior to 1945; since then, this table covers the entire marketing season. Prices are weighted by number of packages sold.

³ Table stock mostly in packages containing about 28 pounds; juice stock in packages containing mostly 25 to 40 pounds, with some special packs ranging from 42 to 50 pounds.

⁴ Table grapes include sales for table use only.

⁵ Most of Thompson Seedless crop and practically all of Muscat crop in 1943 and most of both crops in 1944 and 1945 were restricted to raisin use, causing greatly reduced quantities of these varieties on the fresh market.

⁶ Juice grapes include sales for juice use only.

⁷ Includes varieties not listed in this table.

Production and Marketing Administration. Data for 1937-42 in Agricultural Statistics, 1943, table 191.

TABLE 253.—*Olives: Production, season average price per ton received by farmers, value, and utilization, California; and imports, United States, 1929-48*¹

Year	Production ²	Price	Farm value	Utilization			Imports, year beginning July			
				Crushed for oil	Canned	Other ³	Olive oil		Olives	
							Edible	Inedible	In brine	Dried, etc.
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	1,000 pounds	1,000 pounds	1,000 gallons	1,000 pounds
1929.....	21,000	66.90	1,405	8,200	9,800	2,200	98,446	60,173	8,452	61
1930.....	20,000	62.70	1,254	7,800	9,800	1,800	73,793	52,410	7,429	770
1931.....	16,000	39.40	630	7,100	6,400	1,800	78,669	58,867	7,057	510
1932.....	22,000	32.00	544	8,200	5,900	2,200	72,366	52,793	4,675	337
1933.....	14,000	58.30	816	4,200	7,900	1,600	57,433	46,515	5,806	102
1934.....	18,000	85.30	1,535	4,400	9,900	2,600	62,562	52,591	6,821	169
1935.....	32,000	45.40	1,453	17,300	7,800	5,400	68,245	36,543	6,442	2,465
1936.....	27,000	62.50	1,688	11,000	13,800	1,500	57,684	38,982	6,493	1,824
1937.....	28,000	67.60	1,893	12,300	11,500	3,500	58,665	17,015	5,444	126
1938.....	45,000	45.80	1,992	27,000	6,900	8,000	65,664	38,447	6,393	99
1939.....	23,000	74.00	1,702	6,100	12,200	3,700	64,586	36,727	6,907	126
1940.....	69,000	76.20	5,258	39,100	16,200	12,000	21,697	14,843	7,018	123
1941.....	55,000	153.00	8,415	28,300	16,700	9,400	6,399	3,103	4,928	44
1942.....	57,000	122.00	6,954	34,200	11,100	10,100	6,478	834	7,330	(⁴)
1943.....	57,000	178.00	10,146	28,600	15,500	11,900	960	145	9,348	(⁴)
1944.....	42,000	200.00	8,400	19,800	13,800	7,600	7,690	101	9,847	0
1945.....	30,000	269.00	8,070	9,800	13,500	6,400	1,795	82	10,531	17
1946.....	48,000	374.00	17,952	14,300	27,500	5,900	16,956	274	8,571	325
1947.....	40,000	150.00	6,000	19,400	13,700	6,100	24,731	7,398	8,469	419
1948 ⁵	68,000	137.00	7,946	33,600	13,500	10,000	-----	-----	-----	-----

¹ According to the 1940 census there is also some commercial production of olives in Arizona but 99.8 percent of the 1939 production was in California.

² Includes the following quantities unharvested on account of economic conditions (tons): 1932—5,000; 1933—1,500. Price and value apply only to that portion of the crop utilized.

³ Includes the olives used for California Spanish Green, Greek style, Sicilian style, chopped, minced, brine, and other cures.

⁴ Less than 500 pounds.

⁵ Preliminary.

Bureau of Agricultural Economics. Imports compiled from reports of Department of Commerce. About 40 gallons of oil are obtained from 1 ton of olives in California. A gallon of olive oil weighs approximately 7.5 pounds.

TABLE 254.—*Peaches: Production, value, and domestic exports, United States, 1929-48*

Year	Total production	Production having value ¹	Season average price per bushel received by farmers	Farm value	Domestic exports, year beginning July ²				
					Fresh	Dried ³	Canned	Dried, in fruit salad ^{3,4}	Total in terms of fresh ⁵
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 bushels</i>
1929	42,827								
1929	45,358	45,358	1.49	67,508	19,973	3,847	74,470	6,280	2,490
1930	56,392	52,142	1.00	52,062	12,859	8,482	75,763	3,049	3,306
1931	77,846	73,306	.60	43,818	10,731	8,490	66,300	3,268	3,093
1932	44,108	36,399	.60	21,961	3,298	7,649	74,999	2,963	2,974
1933	46,141	43,974	.80	35,351	3,371	7,569	81,464	2,511	3,043
1934	44,748								
1934	48,602	46,112	.87	40,084	4,884	6,351	50,419	2,393	2,259
1935	55,440	55,348	.89	49,144	10,041	6,097	102,957	3,039	3,510
1936	48,756	48,756	1.00	48,886	16,071	7,045	60,244	1,887	2,720
1937	60,049	59,944	1.04	62,270	8,154	6,349	56,388	2,735	2,493
1938	53,922	52,655	.77	40,285	10,436	8,238	96,651	4,381	3,828
1939	56,577								
1939	64,222	63,197	.82	52,110	8,779	5,159	86,410	3,279	3,051
1940	57,832	57,025	.80	45,362	7,823	1,604	3,963	752	544
1941	75,363	73,103	.91	66,594	5,987	6,940	17,962	636	1,458
1942	66,720	65,705	1.50	98,393	6,044	10,510	12,037	443	1,763
1943	42,761	42,469	2.69	114,037	11,106	14,671	29,888	(?)	2,711
1944	68,011								
1944	78,191	75,745	2.35	178,078	10,104	25,773	35,541	3	4,213
1945	81,548	80,332	2.23	179,532	21,874	4,193	26,922	810	1,650
1946	86,643	86,267	2.13	183,533	20,475	25,363	51,682	4,307	5,258
1947	82,270	80,780	1.67	134,889	26,649	2,848	30,834	56	3,700
1948 ⁶	65,352	65,214	2.05	133,820					

¹ Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

² Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

³ Net processed weight.

⁴ Dried peaches are 21 percent of total dried fruit for salad.

⁵ Exports of dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.5 pounds fresh from 1929 to date; conversion ratios of 5½ and 6 pounds prevailed in earlier years. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh. 48 pounds of fresh equal 1 bushel.

⁶ January to June; not separately reported prior to this time.

⁷ Less than 500 pounds.

⁸ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production.

TABLE 255.—Peaches: Production and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State and division	Production ¹			Price for crop of ² —		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
	1,000 bu.	1,000 bu.	1,000 bu.	Dollars	Dollars	Dollars
New Hampshire.....	14	22	14	2.86	3.25	3.60
Massachusetts.....	54	85	68	2.78	3.05	3.60
Rhode Island.....	16	13	14	2.74	2.90	3.60
Connecticut.....	128	160	139	2.70	2.90	3.50
New York.....	1,377	1,440	1,114	2.00	2.00	2.50
New Jersey.....	1,349	1,617	1,175	1.88	1.75	2.70
Pennsylvania.....	1,960	1,920	2,182	2.01	2.40	2.30
North Atlantic.....	4,898	5,257	4,706	1.97	2.12	2.51
Ohio.....	875	1,020	780	2.18	2.30	2.50
Indiana.....	385	725	559	2.03	2.10	2.40
Illinois.....	1,494	⁴ 2,413	1,428	2.00	1.80	2.50
Michigan.....	3,319	4,300	3,250	1.74	1.80	1.90
Missouri.....	676	1,288	752	2.09	2.30	2.50
Kansas.....	76	12	160	2.06	2.80	2.25
North Central.....	6,825	9,758	6,929	1.89	1.94	2.20
Delaware.....	395	171	402	1.76	2.40	2.00
Maryland.....	539	425	533	1.96	2.45	2.50
Virginia.....	1,480	⁴ 1,680	1,209	1.88	1.90	3.00
West Virginia.....	514	388	530	1.86	2.15	2.15
North Carolina.....	2,131	2,905	1,646	1.92	1.45	2.65
South Carolina.....	3,151	⁴ 6,630	3,160	2.02	1.65	3.10
Georgia.....	5,037	⁴ 5,810	2,812	2.36	1.60	3.10
Florida.....	89	64	92	1.60	2.10	2.20
South Atlantic.....	13,336	18,073	10,384	2.06	1.66	2.89
Kentucky.....	707	783	462	1.77	2.00	2.65
Tennessee.....	1,004	1,209	428	1.62	2.10	2.65
Alabama.....	1,388	1,525	1,298	1.65	2.40	2.50
Mississippi.....	856	854	840	1.74	2.85	2.90
Arkansas.....	2,190	2,220	2,482	1.68	2.10	2.10
Louisiana.....	293	270	330	1.88	2.85	2.90
Oklahoma.....	464	464	280	1.89	2.50	2.35
Texas.....	1,698	1,696	1,140	1.69	2.55	2.65
South Central.....	8,599	9,021	7,260	1.68	2.34	2.46
Idaho.....	262	357	324	1.56	2.00	1.85
Colorado.....	1,816	2,106	1,922	1.80	2.60	1.75
New Mexico.....	180	94	74	1.83	2.50	2.60
Utah.....	650	933	821	1.54	1.80	1.85
Washington.....	2,081	2,817	2,210	1.47	1.70	1.92
Oregon.....	547	851	595	1.82	2.25	2.70
California, all.....	27,373	⁴ 33,003	30,127	1.16	1.25	1.58
Clingstone ⁵	16,776	⁴ 21,377	20,835	1.08	1.21	1.53
Freestone.....	10,597	11,626	9,292	1.27	1.32	1.69
Western.....	32,909	40,161	36,073	1.24	1.40	1.64
United States.....	⁶ 66,725	82,270	65,352	1.52	1.67	2.05

¹ For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1947 and 1948, estimates of such quantities were as follows (1,000 bushels): 1947—New York, 72; Illinois, 50; Michigan, 50; Virginia, 50; South Carolina, 362; Georgia, 100; Idaho, 14; California freestone, 250; 1948—Idaho, 13; California freestone, 125.

² Preliminary.

³ Prices apply only to that portion of the crop utilized.

⁴ Includes the following quantities harvested but not utilized because of abnormal cullage (1,000 bushels): 1947—Illinois, 30; Virginia, 67; South Carolina, 180; Georgia 181; California clingstone, 84.

⁵ Mainly for canning.

⁶ United States average includes estimated production for Iowa, Nebraska, Arizona, and Nevada. Estimates of production in those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 256.—*Peaches: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48*

Continent and country	Average		1945	1946	1947	1948 ¹
	1935-39	1940-44				
North America:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Canada.....	1,023	1,452	1,566	2,145	1,681	1,760
United States.....	1,410	1,941	2,275	2,069	2,195	2,342
Mexico.....	56,478	64,173	81,548	86,643	82,270	65,352
Total.....	58,911	67,566	85,389	90,857	86,146	69,454
Europe:						
Austria.....	130	88	150	162	60	43
Czechoslovakia.....	114	20	16	134	101	80
France.....	2,989	3,887	2,764	4,688	5,236	2,991
Germany.....	1,034	586	800	900	570	393
Greece.....	433	444	384	400	597	510
Italy.....	11,034	11,245	9,726	10,150	10,747	8,772
Netherlands.....	45	76	86	145	114	101
Spain.....	2,646	3,110	3,489	3,297	1,600	3,000
Yugoslavia.....	685	1,308	925	1,541	1,720	954
Total.....	19,110	20,764	18,340	21,417	20,745	16,844
Asia:						
Lebanon.....	² 18	² 68	184	161	132	150
Syria.....	(³)	(³)	57	56	51	41
Turkey.....	400	375	355	430	315	264
Japan.....	2,183	2,292	1,398	1,515	1,121	1,470
Korea.....	229	284	174	189	139	182
Total.....	2,830	3,019	2,168	2,351	1,758	2,107
South America:						
Argentina.....	⁴ 2,896	4,824	7,987	6,467	6,429	6,500
Chile.....	⁴ 725	1,199	1,000	276	253	266
Total.....	⁴ 3,621	6,023	8,987	6,743	6,682	6,766
Africa:						
Union of South Africa.....	440	397	429	615	385	400
Tunisia.....	⁴ 46	113	115	124	138	140
Total.....	486	510	544	739	523	540
Oceania:						
Australia.....	2,212	2,254	2,095	2,432	2,962	2,500
New Zealand.....	241	217	303	211	428	459
Total.....	2,453	2,471	2,398	2,643	3,390	2,959
World total.....	87,411	100,353	117,826	124,750	119,244	98,670

¹ Preliminary. ² Includes Syria. ³ Included with Lebanon. ⁴ Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research and other information. Estimates of countries having boundary changes have been adjusted to postwar boundaries. Estimates in original units of approximately one bushel in the following countries: Australia, Canada, United States, New Zealand, and South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 48 pounds.

TABLE 257.—*Peaches: Production and utilization, United States, 1939-48 crops*

Crop of	Production	Production having value ¹	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh ²	Processed			
						Canned	Dried	Frozen	Other ³
1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1939	64,222	63,197	6,457	56,740	35,534	14,386	6,668	-----	152
1940	57,832	57,025	5,202	51,823	31,047	13,839	6,830	-----	107
1941	75,363	73,103	7,659	65,444	43,571	17,290	4,080	-----	503
1942	66,720	65,705	5,993	59,712	34,197	18,904	6,409	-----	202
1943	42,761	42,469	2,781	39,688	20,077	14,515	4,484	400	212
1944	78,191	75,745	6,576	69,169	42,134	18,298	7,298	1,243	196
1945	81,548	80,332	6,904	73,428	45,263	19,350	6,267	2,346	202
1946	86,643	86,267	6,955	79,312	45,235	25,549	6,805	1,527	196
1947	82,270	80,780	6,971	73,809	43,228	25,140	4,642	731	68
1948 ⁴	65,352	65,214	5,740	59,474	33,127	23,706	2,208	400	33

¹ Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

² Includes some quantities canned and/or frozen for some States in some years.

³ Includes fruit used for jam and jelly, crushed for spirits, etc. For the years 1939-42, quantities frozen also are included. ⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1934-38 in Agricultural Statistics, 1946, table 243.

TABLE 258.—*Peaches: Production and utilization, by States, 1947 and 1948 crops*
CROP OF 1947

State	Production	Production having value ¹	Farm disposition		Utilization of quantities sold				
			For farm household use	Sold	Fresh ²	Processed			
						Canned	Dried	Frozen	Other ³
1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
New York	1,440	1,368	85	1,283	1,283	-----	-----	-----	-----
Pennsylvania	1,920	1,920	216	1,704	1,604	70	-----	30	-----
Michigan	4,300	4,250	160	4,090	3,595	450	-----	45	-----
Virginia	1,680	1,563	400	1,163	1,076	56	-----	31	-----
South Carolina	6,630	6,088	315	5,773	5,373	400	-----	-----	-----
Georgia	5,810	5,529	640	4,889	4,111	550	-----	201	27
Washington	2,817	2,817	110	2,707	1,501	1,031	-----	136	39
Oregon	851	851	95	756	550	133	-----	71	2
California, all	33,003	32,669	137	32,532	5,401	22,351	4,642	138	-----
Clingstone	21,377	21,293	54	21,239	513	20,672	37	17	-----
Freestone	11,626	11,376	83	11,293	4,888	1,679	4,605	121	-----
Other States ⁴	23,819	23,725	4,813	18,912	18,734	99	-----	79	-----
United States	82,270	80,780	6,971	73,809	43,228	25,140	4,642	731	68

CROP OF 1948 ⁵

New York	1,114	1,114	85	1,029	1,029	-----	-----	-----	-----
Pennsylvania	2,182	2,182	240	1,942	1,892	40	-----	10	-----
Michigan	3,250	3,250	150	3,100	2,800	275	-----	25	-----
Virginia	1,209	1,209	300	909	909	-----	-----	-----	-----
South Carolina	3,160	3,160	200	2,960	2,915	25	-----	20	-----
Georgia	2,812	2,812	464	2,348	2,283	20	-----	40	5
Washington	2,210	2,210	88	2,122	1,384	633	-----	82	23
Oregon	595	595	95	500	427	46	-----	27	-----
California, all	30,127	30,002	137	29,865	4,984	22,565	2,208	108	-----
Clingstone	20,835	20,835	54	20,781	250	20,473	58	-----	-----
Freestone	9,292	9,167	83	9,084	4,734	2,092	2,150	108	-----
Other States ⁴	18,693	18,680	3,981	14,699	14,504	102	-----	88	5
United States	65,352	65,214	5,740	59,474	33,127	23,706	2,208	400	33

¹ Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage (1,000 bushels): In 1947, not harvested, New York, 72; Illinois, 50; Michigan, 50; Virginia, 50; South Carolina, 362; Georgia, 100; Idaho, 14; California freestone, 250; abnormal cullage, Illinois, 30; Virginia, 67; South Carolina, 180; Georgia, 181; California clingstone, 84; in 1948, not harvested, Idaho, 13; California freestone, 125.

² Includes some quantities canned and/or frozen for some States in some years.

³ Includes fruit used for jam and jelly, crushed for spirits, etc.

⁴ New Hampshire, Massachusetts, Rhode Island, Connecticut, New Jersey, Ohio, Indiana, Illinois, Missouri, Kansas, Delaware, Maryland, West Virginia, North Carolina, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, Idaho, Colorado, New Mexico and Utah.

⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 259.—Pears: Production, value, and foreign trade, United States, 1929-48

Year	Total production	Production having value ¹	Season average price per bushel received by farmers	Farm value	Foreign trade, year beginning July ²					
					Domestic exports					Imports
					Fresh	Canned	Dried ³	Dried, in fruit salad ⁴	Total in terms of fresh fruit ⁵	
1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels	1,000 pounds	
1929	19,580									
1929	21,726	21,726	1.71	37,070	62,024	54,709	3,655	222	2,947	
1930	27,167	25,875	.84	21,859	134,670	74,355	8,037	2,420	5,583	76
1931	25,280	24,655	.77	18,917	90,702	71,570	6,079	2,593	4,442	14
1932	24,513	21,038	.49	10,263	119,987	60,762	6,257	2,351	4,768	6
1933	24,010	21,733	.68	14,856	111,008	78,384	8,408	1,993	5,198	5
1934	26,579									
1934	28,095	27,375	.80	21,864	100,635	71,379	5,687	1,899	4,517	192
1935	25,943	25,674	.74	19,099	124,144	82,316	7,660	2,412	5,505	719
1936	27,326	26,989	.79	21,361	131,318	66,882	7,352	1,498	5,164	3,291
1937	29,212	28,151	.76	21,312	134,747	59,125	5,578	2,163	4,929	2,054
1938	31,704	28,703	.57	16,387	170,971	77,287	8,716	3,477	6,569	4,229
1939	24,981									
1939	29,279	27,983	.74	20,806	98,061	61,917	4,931	2,602	4,138	11,021
1940	29,590	28,334	.74	21,017	23,565	2,447	787	597	681	15,427
1941	29,129	28,905	1.03	29,909	23,431	16,759	6,407	505	1,621	6,572
1942	30,244	29,836	1.55	46,241	10,087	5,701	1,700	352	561	4,592
1943	24,239	24,030	2.36	56,722	6,043	22,795	3,710	(8)	1,076	14,186
1944	27,788									
1944	31,337	30,881	2.18	67,332	11,782	12,288	5,954	3	1,186	11,727
1945	33,042	32,269	2.17	69,883	48,904	11,575	1,226	643	1,461	14,951
1946	34,447	34,447	2.44	84,047	107,676	16,805	1,211	3,418	3,066	8,945
1947	35,312	34,992	1.95	68,392	70,436	10,045	846	44	1,747	2,169
1948 ⁹	26,334	26,246	2.54	66,608						

¹ Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

² Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, 1929-43, and official records of the U. S. Department of Commerce.

³ Net processed weight.

⁴ Dried pears are 16% percent of total dried fruit for salad.

⁵ Canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.2 pounds fresh; dried pears converted to terms of fresh on the basis that 1 pound dried equals about 5.5 pounds fresh; 50 pounds fresh equals 1 bushel, except in California, where 48 pounds equals 1 bushel.

⁶ January-June 1930; not separately reported prior to this date.

⁷ Prior to June 18, 1930, included with peaches, green, ripe or in brine.

⁸ Less than 500 pounds.

⁹ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns of harvested production.

TABLE 260.—Pears: Production and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State and division	Production ¹			Price for crop of ³ —		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
	1,000 bu.	1,000 bu.	1,000 bu.	Dollars	Dollars	Dollars
Massachusetts.....	49	73	38	2.04	2.60	3.30
Connecticut.....	56	48	34	2.34	3.30	3.60
New York.....	946	960	384	1.72	2.00	2.75
Pennsylvania.....	415	262	255	1.38	2.15	2.10
North Atlantic.....	1,466	1,343	711	1.65	2.11	2.59
Ohio.....	368	229	178	1.32	2.10	2.25
Indiana.....	198	154	142	.84	1.25	1.25
Illinois.....	431	402	330	.89	1.25	1.20
Michigan.....	916	650	300	1.46	2.15	2.35
Missouri.....	266	216	170	1.08	1.50	1.35
Kansas.....	106	99	135	1.14	1.30	1.05
North Central.....	2,284	1,750	1,255	1.18	1.74	1.64
Virginia.....	327	280	252	1.08	1.60	1.75
West Virginia.....	99	46	90	1.32	2.00	1.95
North Carolina.....	302	298	209	1.25	1.80	2.00
South Carolina.....	132	127	108	1.08	1.50	1.50
Georgia.....	379	385	385	.86	1.20	1.10
Florida.....	158	194	214	.78	1.00	1.00
South Atlantic.....	1,397	1,330	1,258	.995	1.45	1.46
Kentucky.....	193	134	118	1.08	1.65	1.80
Tennessee.....	223	183	86	1.14	1.55	1.80
Alabama.....	306	288	288	1.00	1.50	1.50
Mississippi.....	342	350	360	.96	1.50	1.65
Arkansas.....	177	204	236	1.20	1.75	1.70
Louisiana.....	187	207	240	.94	1.45	1.25
Oklahoma.....	156	209	142	1.16	1.30	1.25
Texas.....	394	402	236	1.16	1.55	1.90
South Central.....	1,978	1,977	1,706	1.06	1.52	1.59
Idaho.....	60	70	61	1.63	2.40	2.65
Colorado.....	179	232	155	1.62	2.00	2.75
Utah.....	149	205	140	1.88	2.50	2.85
Washington, all.....	7,056	8,305	5,555	1.53	2.08	2.65
Bartlett.....	5,156	6,156	3,780	1.34	1.90	2.81
Other.....	1,900	2,149	1,775	2.06	2.60	2.32
Oregon, all.....	4,314	5,724	4,825	2.20	2.51	2.73
Bartlett.....	1,775	1,975	1,861	1.85	2.77	2.79
Other.....	2,539	3,749	2,964	2.46	2.38	2.70
California, all.....	11,038	14,376	10,668	4.30	4.77	4.76
Bartlett.....	9,663	12,334	9,418	4.30	4.80	4.84
Other.....	1,375	2,042	1,250	4.26	4.58	4.16
Western.....	22,797	28,912	21,404	1.53	2.01	2.73
United States.....	⁴ 30,222	35,312	26,334	1.45	1.95	2.54

¹ For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1947 and 1948, estimates of such quantities were as follows (1,000 bushels): 1947—New York, 19; Illinois, 30; Washington Bartlett, 185; other, 86; 1948—Illinois, 23; Oregon Bartlett, 25; other, 40.

² Preliminary.

³ Prices apply only to that portion of the crop utilized.

⁴ Equivalent returns per bushel for bulk fruit at the first delivery point.

⁵ United States average includes estimated production for Maine, New Hampshire, Vermont, Rhode Island, New Jersey, Iowa, Nebraska, Delaware, Maryland, New Mexico, Arizona, and Nevada. Estimates of production in those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 261.—Pears: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48¹

Continent and country	Average		1945	1946	1947	1948 ²
	1935-39	1940-44				
North America:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Canada.....	569	733	600	951	966	789
Mexico.....	331	508	601	523	598	529
United States.....	28,693	29,312	33,042	34,447	35,312	26,334
Total.....	29,593	30,553	34,243	35,921	36,876	27,652
Europe:						
Austria.....	6,366	4,269	3,500	9,714	8,342	8,818
Belgium.....	2,026	3,172	4,409	1,323	6,614	1,323
Bulgaria.....	580	1,637	1,684	2,600	2,000	1,500
Czechoslovakia.....	4,076	1,619	1,150	3,635	3,579	4,125
Denmark.....	480	776	617	926	900	950
France:						
Dessert and cooking.....	1,760	2,888	3,454	5,928	6,614	4,629
Cider.....	21,776	13,267	3,486	11,105	10,321	11,302
Germany.....	15,984	15,686	15,432	9,726	17,412	12,549
Greece.....	878	1,014	1,045	1,129	1,221	988
Hungary.....	742	500	238	353	794	353
Italy.....	8,947	9,620	9,959	10,714	11,155	8,995
Luxemburg.....	100	111	126	277	277	200
Netherlands.....	1,570	2,469	3,439	3,086	5,983	2,998
Norway.....	174	137	148	298	121	297
Poland.....	3,600	3,566	3,517	2,216	3,967	2,856
Rumania.....	1,103	1,207	1,323	1,330	547	441
Spain.....	3,057	2,787	2,500	2,232	1,500	1,800
Sweden.....	1,063	771	750	1,323	794	794
Switzerland.....	7,037	12,654	8,818	14,109	16,755	9,700
United Kingdom:						
Dessert and cooking.....	782	1,338	1,474	1,080	1,734	1,416
Cider.....	237	349	251	430	332	99
Yugoslavia.....	2,773	4,588	3,500	3,263	3,088	2,500
Total.....	85,111	84,425	70,820	86,797	104,050	78,633
Total, excluding cider.....	63,098	70,809	67,083	75,262	93,397	67,232
Asia:						
Lebanon.....	3 24	3 91	309	331	265	265
Palestine.....	16	10	14	16	10	10
Syria.....	(4)	(4)	57	66	58	40
Turkey.....	3,315	2,776	3,199	2,808	1,922	2,608
Japan.....	7,366	6,516	2,835	2,161	2,337	2,910
Korea.....	775	1,204	1,550	1,178	1,272	2,000
Total.....	11,496	10,597	7,964	6,560	5,864	7,833
South America:						
Argentina.....	2,443	5,332	6,063	4,725	3,327	5,111
Chile.....	88	58	100	110	100	105
Total.....	2,531	5,390	6,163	4,835	3,427	5,216
Africa:						
Tunisia.....	5 53	45	44	71	62	65
Union of South Africa.....	680	785	400	735	824	540
Total.....	733	830	444	806	886	605
Oceania:						
Australia.....	2,467	2,714	2,644	3,607	3,178	3,000
New Zealand.....	328	352	368	369	442	431
Total.....	2,795	3,066	3,012	3,976	3,620	3,431
World total.....	132,259	134,861	122,646	138,895	154,723	123,370
World total, excluding cider.....	110,246	121,245	118,909	127,360	144,070	111,969

¹ Harvests in Northern Hemisphere countries are for the year shown and are combined with the harvest in Southern Hemisphere countries of the following year.

² Preliminary. ³ Includes Syria. ⁴ Included in Lebanon. ⁵ Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research and other information, and on the basis of postwar boundaries. Estimates in original units of approximately 1 bushel in the following countries: Australia, Canada, Chile, United States, New Zealand, and South Africa. In other countries original estimates, mostly in metric tons, converted to bushels of 50 pounds.

TABLE 262.—Pears: Production and utilization, United States, 1939-48 crops

Crop of	Production	Production having value ¹	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh ²	Processed		
						Canned	Dried	Other ³
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1939.....	29,279	27,983	2,833	25,150	15,265	7,848	2,035	2
1940.....	29,590	28,334	3,127	25,207	15,934	8,559	712	2
1941.....	29,129	28,905	3,014	25,891	14,517	10,505	840	29
1942.....	30,244	29,836	3,214	26,622	15,144	10,797	627	54
1943.....	24,239	24,030	1,657	22,373	12,537	8,558	947	331
1944.....	31,337	30,881	2,820	28,061	17,104	9,826	920	211
1945.....	33,042	32,269	2,504	29,765	18,652	9,539	1,239	335
1946.....	34,447	34,447	2,820	31,627	18,849	11,391	1,041	346
1947.....	35,312	34,992	2,718	32,274	17,921	13,493	602	258
1948 ⁴	26,334	26,246	2,485	23,761	11,757	11,534	221	249

¹ Differences between "production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

² Includes small quantities canned in minor States.

³ Mostly fruit crushed for spirits.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1934-38 in Agricultural Statistics, 1946, table 248.

TABLE 263.—Pears: Production and utilization, by States, 1947 and 1948 crops
CROP OF 1947

State	Production	Production having value ¹	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh ²	Processed		
						Canned	Dried	Other ³
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	960	941	100	841	769	72		
Pennsylvania.....	262	262	108	154	154			
Michigan.....	650	650	90	560	355	205		
Washington.....	8,305	8,034	298	7,736	3,697	3,803	98	138
Oregon.....	5,724	5,724	180	5,544	4,505	934		105
California.....	14,376	14,376	54	14,322	5,359	8,459	504	
Other States ⁴	5,035	5,005	1,888	3,117	3,082	20		15
United States.....	35,312	34,992	2,718	32,274	17,921	13,493	602	258

CROP OF 1948⁵

New York.....	384	384	60	324	324			
Pennsylvania.....	255	255	105	150	150			
Michigan.....	300	300	50	250	180	70		
Washington.....	5,555	5,555	298	5,257	2,744	2,402		111
Oregon.....	4,825	4,760	160	4,600	3,677	826		97
California.....	10,668	10,668	54	10,614	2,209	8,146	221	38
Other States ⁴	4,347	4,324	1,758	2,566	2,473	90		3
United States.....	26,334	26,246	2,485	23,761	11,757	11,534	221	249

¹ Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions (1,000 bushels): In 1947, New York, 19; Illinois, 30; Washington Bartlett, 185; Washington other, 86; in 1948, Illinois, 23; Oregon Bartlett, 25; Oregon other, 40.

² For some States includes small quantities canned.

³ Mostly fruit crushed for spirits.

⁴ Massachusetts, Connecticut, Ohio, Indiana, Illinois, Missouri, Kansas, Virginia, West Virginia, North Carolina, South Carolina, Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, Idaho, Colorado, and Utah.

⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 264.—Pears: Production and utilization, by varieties, Washington, Oregon, and California, 1947 and 1948 crops

Variety and State	Production	Production having value ¹	Farm disposition		Utilization of quantities sold			
			For farm household use	Sold	Fresh	Processed		
						Canned	Dried	Other ²
CROP OF 1947								
Bartlett:								
Washington.....	Tons 153,900	Tons 149,270	Tons 5,950	Tons 143,320	Tons 44,750	Tons 95,075	Tons 575	Tons 2,920
Oregon.....	49,380	49,380	3,500	45,880	22,080	23,300	-----	500
California.....	296,000	296,000	1,100	294,900	101,400	181,400	12,100	-----
3 States.....	499,280	494,650	10,550	484,100	168,230	299,775	12,675	3,420
Other than Bartlett:								
Washington.....	53,720	51,580	1,500	50,080	47,675	-----	1,875	530
Oregon.....	93,720	93,720	1,000	92,720	90,550	50	-----	2,120
California.....	49,000	49,000	200	48,800	27,200	21,600	-----	-----
3 States.....	196,440	194,300	2,700	191,600	165,425	21,650	1,875	2,650
All varieties ³ :								
Washington.....	207,620	200,850	7,450	193,400	92,425	95,075	2,450	3,450
Oregon.....	143,100	143,100	4,500	138,600	112,630	23,350	-----	2,620
California.....	345,000	345,000	1,300	343,700	128,600	203,000	12,100	-----
3 States.....	695,720	688,950	13,250	675,700	333,655	321,425	14,550	6,070
Hardy ⁴ : California.....	22,100	22,100	100	22,000	6,100	15,900	-----	-----
CROP OF 1948 ⁵								
Bartlett:								
Washington.....	94,500	94,500	5,950	88,550	28,125	57,850	-----	2,575
Oregon.....	46,520	45,900	3,120	42,780	22,100	20,200	-----	480
California.....	226,000	226,000	1,100	224,900	42,900	175,800	5,300	900
3 States.....	367,020	366,400	10,170	356,230	93,125	253,850	5,300	3,955
Other than Bartlett:								
Washington.....	44,380	44,380	1,500	42,880	40,480	2,200	-----	200
Oregon.....	74,100	73,100	880	72,220	69,820	450	-----	1,950
California.....	30,000	30,000	200	29,800	10,100	19,700	-----	-----
3 States.....	148,480	147,480	2,580	144,900	120,400	22,350	-----	2,150
All varieties ³ :								
Washington.....	138,880	138,880	7,450	131,430	68,605	60,050	-----	2,775
Oregon.....	120,620	119,000	4,000	115,000	91,920	20,650	-----	2,430
California.....	256,000	256,000	1,300	254,700	53,000	195,500	5,300	900
3 States.....	515,500	513,880	12,750	501,130	213,525	276,200	5,300	6,105
Hardy ⁴ : California.....	12,400	12,400	100	12,300	200	12,100	-----	-----

¹ Differences between "production" and "production having value" consist of the following quantities not harvested on account of economic conditions (tons): In 1947, Washington Bartlett, 4,630; other than Bartlett, 2,140; in 1948, Oregon Bartlett, 620; other than Bartlett, 1,000.

² Mostly fruit crushed for spirits.

³ These same totals, expressed in bushels, appear in table 263.

⁴ Included in "Other than Bartlett" and "All varieties" totals.

⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 265.—Pears, western: Average auction price per box, all grades, New York, 1939-48

Season beginning July—	Bartlett	Hardy	Flemish Beauty	Comice	Bosc	D'Anjou	Winter Nelis	Average ¹
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939.....	2.51	1.61	1.47	2.03	1.94	2.08	2.24	2.21
1940.....	2.34	1.78	1.51	2.25	2.05	2.30	2.16	2.24
1941.....	2.83	2.88	2.02	2.54	2.31	2.63	2.19	2.61
1942.....	3.60	3.80	2.36	3.33	3.06	4.13	3.27	3.57
1943.....	5.17	5.03	4.47	5.94	5.48	6.72	4.55	5.45
1944.....	4.56	4.37	3.94	4.88	3.86	4.71	3.94	4.36
1945.....	4.10	3.87	4.62	5.08	4.78	5.29	4.90	4.49
1946.....	4.53	3.97	3.42	4.49	3.94	5.05	4.30	4.60
1947.....	4.52	4.32	3.51	2.96	3.18	3.14	3.26	3.56
1948.....	5.03	3.34	2.91	3.46	3.23	3.94	3.97	4.02

¹ Includes all varieties of western pears sold on New York auction market.

Bureau of Agricultural Economics. Compiled from New York Daily Fruit Reporter, deciduous section. Prices are weighted by number of boxes sold each day. Data for earlier years are available in 1940 Agricultural Statistics, table 325.

TABLE 266.—Pears: International trade, average 1935-39, annual 1946-48

Classification and country	Average 1935-39		1946		1947		1948	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Exporting countries:								
United States.....	2,645	42	1,588	343	1,902	148	375	32
Belgium.....	238	176	3	121	1,341	48	143	273
Czechoslovakia.....	223	15			58	48		
Italy.....	1,164	0	1,742		1,174		2,493	
Netherlands.....	94	147	286	1	749	99	4	18
Argentina.....	650	1	1,057		818		459	
Chile.....	21	0	11		21		9	
China.....	214	0	47		71		32	
Union of South Africa.....	682	0	110		227		394	
Australia.....	568	0	42		161		360	
New Zealand.....	72	0	(¹)		(¹)			
Total.....	6,571	381	4,886	465	6,522	343	4,269	323
Importing countries:								
Canada.....	(²)	394	5	390	4	427	2	0
Mexico.....	0	8		36		32		3
Cuba.....		25		53		79		51
Panama.....		9		5		7		
Austria.....		³ 257				129	(¹)	155
Denmark.....	(¹)	15				0		
Finland.....	(¹)	55		(¹)		(¹)		
France.....	42	464	21	21	86	2	27	7
Sweden.....	(¹)	337		563		381	0	206
United Kingdom ⁴	0	2,582		2,053		4,689		3,429
Germany.....	1	828						
Brazil.....	0	246		603		470		568
Egypt.....	(¹)	62		5		20		(¹)
Palestine.....		25		17		17		
Hong Kong.....		121		43		61		24
Kwantung.....		76						
Total.....	43	5,504	26	3,789	90	6,314	29	4,443
Grand Total.....	6,614	5,885	4,912	4,254	6,612	6,657	4,298	4,766

¹ Less than 500 bushels.

² Reported in value only.

³ Less than 5 years.

⁴ Net.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information. Trade statistics on pears for Norway, Switzerland, and Indochina included with apples (q. v.).

TABLE 267.—Pears: Average wholesale price per bushel, New York and Chicago, 1939-48

Market and season beginning July	New York pears				Market and season beginning July	Michigan pears			
	Bartlett	Clapp Favorite	Kieffer	Seckel		Bartlett	Clapp Favorite	Kieffer	Seckel
New York:	Dol.	Dol.	Dol.	Dol.	Chicago:	Dol.	Dol.	Dol.	Dol.
1939.....	1.40	1.47	1.03	1.28	1939.....	1.58	1.20	0.67	0.99
1940.....	1.35	1.39	.95	1.64	1940.....	1.59	1.32	.60	1.16
1941.....	1.62	1.78	1.32	1.85	1941.....	1.71	1.24	.93	.96
1942.....	2.24	2.17	1.80	2.05	1942.....	2.46	1.93	1.32	1.54
1943.....	5.21	4.92	3.82	4.74	1943.....	4.65	3.99	2.65	3.57
1944.....	3.46	3.28	2.10	3.36	1944.....	3.48	2.86	1.67	2.27
1945.....	3.96	3.86	2.64	4.84	1945.....	.....	.....	.....	.....
1946.....	2.99	3.12	1.88	4.00	1946.....	3.08	2.78	1.85	2.33
1947.....	2.96	2.57	1.77	3.55	1947.....	3.53	.....	.....	.....
1948.....	3.59	3.78	1.91	4.04	1948.....	4.07	4.17	.....	.....

Bureau of Agricultural Economics. Compiled from daily market news reports of the Production and Marketing Administration. Prices are based on stock of good merchantable quality and condition, U.S. No. 1 when quoted, in less than carlot quantities. Average for season is simple average of monthly averages.

TABLE 268.—Pineapples: Production, season average price per box received by farmers, and value, Florida; receipts from Territories, and foreign trade, United States, 1929-48

Calendar year	Florida			Receipts from Hawaii			Receipts from Puerto Rico		Imports			Exports ¹		
	Production	Price	Farm value	Fresh	Canned	Juice	Fresh	Prepared or preserved	Fresh, in crates	Fresh, in bulk	Prepared or preserved	Fresh	Canned	Juice
	1,000 boxes ²	Dol-lars	1,000 dol-lars	1,000 boxes	1,000 pounds	1,000 pounds	1,000 boxes	1,000 pounds	1,000 crates ³	Number, thou-sands	1,000 pounds	1,000 boxes	1,000 pounds	1,000 gal-lons
1929.....	12	1.70	20	10,439,867	.....	.....	548	2,379	1,452	20	4,101	51	46,153	.....
1930.....	12	1.75	21	8,423,170	.....	.....	501	4,826	1,719	30	7,386	30	37,790	.....
1931.....	8	1.25	10	34,484,276	.....	.....	711	2,580	1,157	1,127	7,531	53	24,473	.....
1932.....	5	1.50	8	71,388,069	.....	.....	576	606	912	112	8,424	28	17,389	.....
1933.....	8	1.50	12	44,434,884	.....	18	410	185	634	395	6,549	15	20,424	.....
1934.....	9	2.25	20	30,540,906	.....	2,035	419	1,326	655	912	8,279	27	20,386	.....
1935.....	9	1.60	14	53,436,931	.....	103,529	412	2,180	568	1,262	12,944	22	21,982	.....
1936.....	25	2.50	62	73,571,947	.....	233,029	516	2,379	837	2,338	19,871	27	23,962	.....
1937.....	15	2.50	38	26,595,792	.....	283,850	504	4,382	1,134	3,322	45,298	31	29,428	.....
1938.....	12	2.25	27	64,373,536	.....	220,622	518	3,348	1,016	4,394	31,524	26	18,436	.....
1939.....	10	1.85	18	123,536,327	.....	311,677	441	3,371	1,086	3,938	74,991	29	23,350	4,765
1940.....	8	2.00	16	97,434,426	.....	351,847	425	3,066	915	4,365	84,996	25	6,669	879
1941.....	12	2.35	28	62,648,526	.....	387,964	462	2,704	822	3,505	65,889	21	1,956	325
1942.....	5	3.25	16	9,328,489	.....	217,991	183	3,980	363	3,944	25,962	8	800	341
1943.....	3	6.00	18	28,248,848	.....	211,980	0	7,980	602	7,543	34,778	5	2,922	42
1944.....	15	7.50	112	7,190,892	.....	103,506	(⁴)	0,236	881	6,378	18,851	4	21,831	66
1945.....	10	8.50	85	2,143,762	.....	163,997	42	14,439	1,108	11,350	24,292	4	15,974	96
1946.....	20	9.50	190	41,378,515	.....	304,804	345	14,372	1,316	15,507	39,329	13	19,137	676
1947.....	4	4.75	19	477,381,221	.....	332,626	207	23,693	923	9,489	54,588	91	21,607	864
1948.....	7	5.00	35	(⁵) 5,930	.....	51,304	147	23,368	630	19,132	92,695	1	10,927	737

¹ Mainly exports directly from Hawaii and Puerto Rico to countries other than the United States mainland.

² Boxes measuring approximately 12 by 10½ by 33 inches, inside dimensions, and holding about 70 pounds or 24 to 30 pineapples of medium size.

³ In 1929 and 1930, crates of 1.96 cubic feet; beginning 1931, crates of 2.45 cubic feet, holding about 70 pounds or 24 to 30 pineapples of medium size.

⁴ Not reported separately prior to 1939.

⁵ Beginning 1941, converted from gallons at 8.8 pounds per gallon.

⁶ Less than 500.

⁷ Preliminary.

⁸ 3 months only.

Bureau of Agricultural Economics. Data on foreign trade and receipts from noncontiguous Territories compiled from reports of Department of Commerce. Data for 1924-28 in Agricultural Statistics, 1942, table 825.

TABLE 269.—Plums¹: Production, season average price per ton received by farmers, value, and utilization of production, Michigan and California, 1929-48

Year	Total production	Production having value ²	Price	Farm value	Farm disposition		Utilization of quantities sold			
					For farm household use	Sold	Fresh	Processed		
								Canned	Frozen	Crushed
	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1929.....	44,400	44,400	107.00	4,736	1,120	43,280	-----	-----	-----	-----
1930.....	89,500	89,500	48.30	4,321	1,730	87,770	-----	-----	-----	-----
1931.....	72,100	65,100	40.00	2,602	1,780	63,320	-----	-----	-----	-----
1932.....	74,300	64,300	29.90	1,924	1,580	62,720	-----	-----	-----	-----
1933.....	61,500	54,500	36.80	2,003	1,150	53,350	-----	-----	-----	-----
1934.....	67,500	67,500	43.70	2,951	1,100	66,400	64,250	2,150	-----	-----
1935.....	53,700	53,700	51.70	2,777	1,280	52,420	49,945	2,475	-----	-----
1936.....	67,900	67,900	41.00	2,781	800	67,100	65,610	1,490	-----	-----
1937.....	71,100	71,100	56.60	4,026	1,000	70,100	66,840	3,260	-----	-----
1938.....	65,500	65,500	37.60	2,462	600	64,900	63,790	1,110	-----	-----
1939.....	76,600	69,600	44.90	3,123	820	68,780	67,060	1,720	-----	-----
1940.....	74,000	69,000	51.90	3,584	770	68,230	67,030	1,200	-----	-----
1941.....	76,900	71,900	61.00	4,386	750	71,150	69,030	2,120	-----	-----
1942.....	76,200	70,200	91.80	6,441	720	69,480	68,200	1,280	-----	-----
1943.....	78,500	78,500	169.00	13,254	600	77,900	70,550	1,050	1,100	6,200
1944.....	96,500	94,500	118.00	11,115	840	93,660	85,560	³ 3,300	800	4,000
1945.....	72,600	71,600	138.00	9,884	600	71,000	64,750	² 2,150	1,000	3,100
1946.....	106,000	106,000	135.00	14,270	840	105,160	96,110	² 2,830	2,020	4,200
1947.....	78,000	78,000	154.00	12,038	780	77,220	74,060	³ 2,350	95	715
1948 ⁴	70,500	70,500	147.00	10,330	700	69,800	67,905	³ 1,835	45	15

¹ Includes some quantities of fresh prunes.
² Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions.
³ Includes the following quantities used for jam in California (tons): 1944—1,500; 1945—1,000; 1946—500; 1947—500; 1948—600.
⁴ Preliminary.

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TABLE 270.—Plums and prunes (fresh basis): Production and season average price per ton received by farmers, by States, average 1937-46, annual 1946-48

Crop and State	Production ¹				Price for crop of ² —			
	Average 1937-46	1946	1947	1948 ²	Average 1937-46	1946	1947	1948 ²
Plums:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Michigan.....	4,290	6,000	4,000	3,500	78.20	95.00	105.00	80.00
California.....	75,100	100,000	74,000	67,000	91.20	137.00	157.00	150.00
2 States.....	79,390	106,000	78,000	70,500	90.40	135.00	154.00	147.00
Prunes:								
Idaho.....	19,380	22,400	37,000	⁴ 20,800	66.10	113.00	67.20	65.40
Washington, all.....	24,580	29,100	23,100	19,000	60.80	91.00	89.90	61.20
Eastern Washington.....	15,870	19,800	19,100	17,000	-----	-----	-----	-----
Western Washington.....	8,710	9,300	4,000	2,000	-----	-----	-----	-----
Oregon, all.....	84,790	101,100	34,400	⁴ 48,800	47.30	77.00	78.40	68.20
Eastern Oregon.....	14,880	18,100	18,900	19,700	-----	-----	-----	-----
Western Oregon.....	69,910	83,000	15,500	⁴ 29,100	-----	-----	-----	-----
California ⁶	515,250	535,000	500,000	455,000	52.20	102.00	59.20	60.80
4 States.....	644,000	687,600	594,500	543,600	52.00	98.60	61.90	61.50

¹ For some States in certain years, production includes some quantities unharvested on account of economic conditions. In 1946, 1947, and 1948, estimates of such quantities were as follows (tons): 1946—Prunes, western Oregon, 4,200; 1947—Prunes, western Oregon, 3,500; 1948—Prunes, Idaho, 700; eastern Washington, 1,100; western Oregon, 9,900; California, 17,500 (fresh basis). These quantities are not included in utilization figures.

² Preliminary.

³ Prices apply only to that portion of the crop utilized.

⁴ Includes the following quantities harvested but not utilized because of abnormal cullage (tons): Idaho, 1,000; western Oregon, 1,000.

⁵ The California prune crop (fresh basis) is derived by multiplying the estimate of dried prunes by 2½.

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TABLE 271.—*Plums and prunes: Production in specified countries, averages 1935-39 and 1940-44, annual 1945-48*

Continent and country	Average		1945	1946	1947	1948 ¹
	1935-39	1940-44				
North America:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Canada.....	6,600	10,320	12,150	20,275	19,475	16,775
Mexico ²	2,751	3,556	5,162	5,512	5,500	5,000
United States:	799,380	640,380	783,900	793,600	672,500	614,100
Plums.....	66,960	80,420	72,600	106,000	78,000	70,500
Prunes ³	732,420	559,960	711,300	687,600	594,500	543,600
Total.....	808,731	654,256	801,212	819,387	697,475	635,875
Europe:						
Austria.....	61,977	31,369	30,000	51,438	35,000	50,000
Belgium.....	13,982	10,980	20,857	19,676	27,558	27,558
Bulgaria.....	79,646	147,241	184,745	115,000	130,000	120,000
Czechoslovakia.....	185,393	59,648	36,419	198,468	162,866	199,436
France.....	54,222	37,846	66,673	113,629	144,401	173,134
Germany.....	415,208	320,141	238,200	407,356	129,822	194,981
Greece.....	2,657	3,271	3,712	2,943	3,395	4,630
Hungary.....	36,581	18,837	18,188	30,093	21,715	20,944
Italy.....	56,728	69,842	79,220	62,811	72,451	68,165
Luxemburg.....	3,381	6,672	12,601	21,252	24,227	17,928
Netherlands.....	8,513	18,606	18,834	21,281	20,849	33,069
Norway.....	9,785	7,865	7,302	12,840	10,220	12,975
Poland.....	96,161	73,832	54,923	93,918	30,054	45,081
Rumania.....	87,743	248,751	352,736	253,329	122,467	115,742
Spain.....	39,691	45,984	40,832	41,647	30,000	35,000
Sweden.....	11,200	8,032	11,023	6,614	13,228	12,125
Switzerland.....	11,089	20,855	11,023	30,864	29,762	31,967
United Kingdom.....	95,166	132,742	85,792	136,528	162,176	174,048
Yugoslavia.....	598,567	396,396	451,841	276,675	316,468	271,216
Total.....	1,867,690	1,658,910	1,724,841	1,896,562	1,486,659	1,607,999
Asia:						
Lebanon.....	(⁴)	(⁴)	9,900	9,900	9,900	9,900
Palestine.....	550	1,456	2,615	2,500	2,500	2,500
Syria.....	⁵ 1,298	⁵ 3,053	1,756	1,883	1,757	1,102
Turkey.....	60,540	48,609	56,829	60,715	32,332	62,263
Japan.....	47,813	57,804	40,106	40,705	30,130	40,000
Total.....	110,201	110,922	111,206	115,703	76,619	115,765
South America:						
Argentina.....	14,435	24,987	27,998	26,113	27,897	28,000
Chile.....	2,829	7,694	8,800	12,600	13,150	13,500
Total.....	17,264	32,681	36,798	38,713	41,047	41,500
Africa:						
Tunisia.....	⁶ 440	1,036	1,984	1,650	1,650	1,500
Union of South Africa.....	11,540	8,750	10,000	12,000	13,000	10,000
Total.....	11,980	9,786	11,984	13,650	14,650	11,500
Oceania:						
Australia.....	21,312	20,883	21,358	16,722	21,645	15,000
New Zealand.....	2,036	2,144	2,415	1,863	2,919	2,793
Total.....	23,348	23,027	23,773	18,585	24,564	17,793
World total.....	2,839,214	2,489,582	2,709,814	2,902,600	2,341,014	2,430,432

¹ Preliminary.² Does not include wild plums, which are 85 percent of total production.³ Includes California dried prunes, converted to a fresh basis at the ratio of 2½ pounds of fresh fruit to 1 pound of dried.⁴ Included with Syria.⁵ Includes Lebanon.⁶ Less than 5 years.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information. Estimates of countries having boundary changes have been adjusted to postwar boundaries. Production is from bloom of year shown and includes plums and prunes produced for fresh consumption, drying, and processing.

TABLE 272.—Prunes: Utilization of production and season average price per ton received by farmers, by States, average 1937-46, annual 1946-48

Use and State	Quantity				Price for crop of—			
	Average 1937-46	1946	1947	1948 ¹	Average 1937-46	1946	1947	1948 ¹
DRY BASIS ²								
Dried: ³	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Washington.....	565	250	100	50	132.00	231.00	210.00	126.00
Oregon.....	9,180	8,200	300	1,500	138.00	260.00	125.00	156.00
California.....	197,500	213,800	199,800	174,800	131.00	256.00	148.00	152.00
3 States.....	207,245	222,250	200,200	176,350	131.00	256.00	148.00	152.00
FRESH BASIS								
Sold fresh: ³								
Idaho.....	17,940	20,800	33,300	18,100	66.40	114.00	69.00	65.70
Washington.....	12,101	10,600	10,830	10,970	79.10	128.00	119.00	72.50
Oregon.....	17,620	18,100	13,000	21,200	73.10	104.00	104.00	85.40
3 States.....	47,661	49,500	57,130	50,270	72.00	113.00	86.50	75.50
Canned: ^{3,4}								
Idaho.....	160	800	2,900	200	-----	82.50	46.40	40.00
Washington.....	6,656	14,890	9,570	4,950	34.80	67.60	59.10	38.60
Oregon.....	22,220	42,200	13,700	9,200	34.70	65.80	59.50	39.20
3 States.....	29,036	57,890	26,170	14,350	34.60	66.50	57.90	39.00
Frozen: ³								
Washington.....	⁵ 887	510	150	150	⁵ 49.60	71.20	58.80	39.00
Oregon.....	⁵ 5,733	5,700	1,100	800	⁵ 48.20	65.80	58.20	38.50
2 States.....	⁵ 6,620	6,210	1,250	950	⁵ 48.30	66.20	58.20	38.90
Other processed: ³								
Washington.....	278	290	200	150	24.30	25.20	59.00	37.10
Oregon.....	830	2,500	400	-----	⁵ 20.00	24.30	35.00	-----
2 States.....	1,108	2,790	600	150	20.90	24.40	43.30	37.10
Farm household use:								
Idaho.....	870	800	800	800	-----	-----	-----	-----
Washington.....	2,050	2,000	2,000	1,500	-----	-----	-----	-----
Oregon.....	2,410	3,000	1,800	2,200	-----	-----	-----	-----
California.....	⁶ 200	⁶ 200	⁶ 200	⁶ 200	-----	-----	-----	-----
4 States.....	5,830	6,300	5,100	5,000	-----	-----	-----	-----

¹ Preliminary.

² The drying ratio in Washington and Oregon ranges from 3 to 4 pounds of fresh fruit to 1 pound dried; in California, the drying ratio is approximately 2½ pounds fresh to 1 pound dried.

³ Excludes quantities used on farms where grown.

⁴ Includes small quantities frozen in some years prior to 1941.

⁵ Short-time average.

⁶ Dry basis.

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TABLE 273.—Prunes: Production, season average price per ton received by farmers, and value, 4 States,¹ and foreign trade, United States, 1929-48

Year	Total production (fresh basis)	Production having value (fresh basis) ²	Price	Farm value	Foreign trade, year beginning July								
					Domestic exports					Imports			
					Fresh prunes and plums	Canned prunes and plums	Dried prunes ³	Dried, in fruit salad ⁴	Total, in terms of fresh ⁵	Fresh prunes and plums	Otherwise prepared or preserved ⁶	Dried prunes ⁷	Total, in terms of fresh ⁸
					Tons	1,000 pounds	Tons	Tons	Tons	Tons	1,000 pounds.	Tons	Tons
1929	521,500	518,500	48.80	25,292	2,013	71,494	4,286	175,807	62	101	23	163	
1930	854,800	797,900	25.90	20,661	1,679	148,127	3,122	369,512	180	498	20	454	
1931	684,700	679,700	20.20	13,687	1,041	121,968	3,346	306,022	204	611	18	524	
1932	586,800	558,700	21.50	12,009	968	91,177	3,033	230,133	167	512	14	432	
1933	587,200	578,900	31.60	18,281	855	101,416	2,571	253,937	180	608	21	504	
1934	597,600	587,100	24.40	14,352	836	76,358	2,450	192,519	199	546	12	475	
1935	852,400	842,200	22.80	19,171	912	108,820	3,112	275,867	196	841	22	626	
1936	568,400	567,900	29.40	16,713	6,242	586	81,976	1,932	211,110	288	398	23	522
1937	714,500	709,500	22.80	16,203	5,987	1,293	107,396	2,790	275,206	454	240	15	600
1938	853,600	668,000	17.50	11,716	7,925	1,595	107,016	4,486	280,464	411	711	12	760
1939	673,200	651,300	23.90	15,585	6,823	7,986	59,523	3,356	163,097	759	815	10	1,151
1940	543,100	514,100	23.00	11,821	4,576	532	19,018	770	53,033	692	247	4	813
1941	582,700	552,900	30.50	16,856	3,670	13,254	101,050	651	256,551	328	14	5	346
1942	542,200	524,700	57.90	30,359	5,507	1,771	50,320	454	129,993	47	(⁹)	(⁹)	47
1943	624,800	619,370	75.50	46,738	1,971	4,106	61,357	(⁹)	153,117	(⁹)	(⁹)	(⁹)	14
1944	507,000	503,700	87.00	43,810	5,182	675	45,597	3	116,648	3	24	(⁹)	14
1945	711,300	699,600	83.40	58,334	9,159	1,827	77,207	828	200,155	704	(⁹)	(⁹)	656
1946	687,600	683,400	98.60	67,416	11,070	7,855	68,870	4,410	192,663	419	555	15	706
1947	594,500	591,000	61.90	36,588	5,152	2,264	108,187	57	269,987				
1948 ¹⁰	543,600	512,400	61.50	31,531									

¹ Idaho, Washington, Oregon, and California.

² Differences between "total production" and "production having value" consist of fruit not harvested on account of economic conditions and/or harvested but not utilized because of abnormal cullage.

³ Net processed weight.

⁴ Dried prunes in salad estimated at 43 percent of total dried fruit for salad.

⁵ Exports of dried prunes converted to unprocessed dry weight by dividing by 1.025. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2½ pounds fresh. Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.729 pound

fresh. Otherwise prepared or preserved converted to terms of fresh fruit on the basis of 1 pound equals 0.899 pound fresh.

⁶ January to June, not segregated prior to this time.

⁷ July to December 1937; 1938 not available.

⁸ January to June 1939; 1938 not available.

⁹ Less than ½ ton.

¹⁰ Preliminary.

Bureau of Agricultural Economics. Foreign trade data compiled from records of Department of Commerce.

TABLE 274.—Prunes: Utilization of production, season average price per ton received by farmers, and value, 4 States, 1929-48

Year	For farm household use (fresh basis)	Fresh ¹			Canned ^{2 3}			Dried ^{4 5}			Frozen (fresh basis)	Other processed (fresh basis)
		Quantity (fresh basis)	Price	Farm value	Quantity (fresh basis)	Price	Farm value	Quantity (dry basis)	Price	Farm value		
	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons
1929	5,450	67,700	38.60	2,610	14,000	25.80	361	159,700	138.00	22,112		
1930	5,350	55,200	35.30	1,947	11,200	18.00	202	284,800	64.50	18,360		
1931	5,200	41,400	34.90	1,445	11,600	11.80	137	242,100	49.60	12,001		
1932	5,550	45,200	23.30	1,054	8,100	9.50	77	194,100	55.50	10,764		
1933	5,150	35,800	35.20	1,259	12,700	16.70	212	205,100	81.20	16,650		
1934	6,250	46,900	32.40	1,519	16,900	17.00	288	200,800	61.60	12,372		100
1935	6,250	47,700	38.00	1,812	26,200	13.50	354	297,000	56.70	16,852		100
1936	5,700	43,300	39.20	1,698	28,900	17.20	498	184,000	78.00	14,349		100
1937	5,600	33,700	44.20	1,488	26,700	22.20	592	255,400	54.60	13,937		100
1938	5,700	45,700	30.60	1,398	13,900	9.71	135	238,000	42.20	10,046		200
1939	5,700	53,500	25.50	1,364	34,500	8.50	292	213,400	64.70	13,816		300
1940	4,900	44,700	31.10	1,390	18,800	23.70	446	177,400	55.50	9,845		300
1941	5,700	42,000	41.60	1,747	36,470	25.40	926	184,600	75.70	13,983		400
1942	6,200	50,800	67.50	3,429	19,200	36.60	702	176,800	146.00	25,775	130	400
1943	6,000	37,200	157.00	5,837	35,370	40.40	1,429	207,700	185.00	38,338	1,900	1,200
1944	6,100	55,710	107.00	5,986	20,830	56.40	1,175	163,150	218.00	35,570	13,000	2,290
1945	6,100	63,800	102.00	6,514	26,700	56.40	1,506	233,750	210.00	49,111	8,430	3,700
1946	6,300	49,500	113.00	5,610	57,890	66.50	3,850	222,250	256.00	56,923	10,050	6,210
1947	5,100	57,130	86.50	4,939	26,170	57.90	1,516	200,200	148.00	29,629	6,210	2,790
1948 ⁶	5,000	50,270	75.50	3,794	14,350	39.00	560	176,350	152.00	26,810	1,250	600
											950	150

¹ Idaho, Washington, and Oregon.

² Includes small quantities frozen in some years prior to 1941.

³ Washington and Oregon.

⁴ The drying ratio in Washington and Oregon ranges from 3 to 4 pounds of fresh fruit to 1 pound dried; in California, the drying ratio is approximately 3½ pounds fresh to 1 pound dried.

⁵ Washington, Oregon, and California.

⁶ Preliminary.

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TABLE 275.—*Strawberries, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-48*¹

Year	Acreage for harvest		Yield per acre	Production ²	Price	Farm value ³	Year	Acreage for harvest		Yield per acre	Production ²	Price	Farm value ³
	Acres	Crates ⁴						Acres	Crates ⁴				
1929	206,890	62.3	12,886	3.12	40,202	1939	161,100	73.2	11,786	2.44	28,673		
1930	178,470	51.2	9,143	3.98	36,421	1940	164,350	75.0	12,319	2.45	29,672		
1931	156,190	73.8	11,527	3.17	36,502	1941	169,020	74.0	12,506	2.48	29,754		
1932	190,990	68.5	13,088	1.93	24,645	1942	155,840	82.6	12,870	3.18	38,630		
1933	197,490	61.7	12,187	1.74	20,719	1943	111,490	57.9	6,459	6.33	40,787		
1934	197,260	53.0	10,460	2.04	21,154	1944	77,350	56.4	4,366	7.93	34,544		
1935	159,000	68.0	10,811	2.33	25,211	1945	77,600	67.0	5,201	8.61	44,682		
1936	155,320	58.0	9,005	2.79	25,140	1946	91,810	76.3	7,004	9.77	68,453		
1937	143,550	75.3	10,809	2.96	32,047	1947	116,360	76.4	8,895	7.55	67,174		
1938	155,310	64.2	9,973	2.72	26,760	1948 ⁵	120,945	82.6	9,992	8.07	80,621		

¹ Includes quantities used for processing.² Includes the following quantities not harvested which are excluded in computing value: 305,000 crates in 1932, 280,000 in 1933, 80,000 in 1934, 134,000 in 1938, 28,000 in 1939, 199,000 in 1940, 510,000 in 1941, 740,000 in 1942, 20,000 in 1943, 9,000 in 1944, and 10,000 in 1945.³ Value is for the marketing season and should not be confused with calendar-year income.⁴ Equivalent 24-quart crates (approximately 36 pounds). ⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics 1942, table 330.

TABLE 276.—*Strawberries, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1937-46, annual 1947 and 1948*¹

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
	Acres	Acres	Acres	1,000 crates ³	1,000 crates ³	1,000 crates ³	Dollars	Dollars	Dollars
Winter: Florida	5,180	4,750	4,200	372	309	189	7.20	11.55	10.60
Early spring:									
Louisiana	18,210	21,000	19,000	1,103	840	817	5.80	9.00	10.27
Alabama	2,770	2,100	2,200	217	136	154	4.29	5.10	6.25
Texas	1,360	650	1,400	79	39	63	5.76	9.65	9.00
California	1,470	1,250	1,250	230	281	312	6.78	10.80	9.40
Total or average	23,810	25,000	23,850	1,629	1,296	1,346	5.67	9.00	9.55
Midspring:									
Mississippi	200			13			3.39		
Georgia	140			9			2.61		
South Carolina	280	250	250	24	19	25	5.36	7.60	8.50
North Carolina	4,570	2,400	2,300	409	144	196	5.06	7.35	8.45
Tennessee	9,360	8,500	8,500	599	765	680	4.03	5.80	6.80
Arkansas	12,290	11,000	10,400	729	748	468	4.16	5.85	7.30
Oklahoma	760	850	900	51	68	63	4.32	6.85	7.70
Kansas	1,140	1,550	1,700	48	85	77	4.40	6.50	7.75
Missouri	4,570	3,800	4,000	227	228	220	5.00	7.30	8.40
Illinois	3,450	3,500	3,000	172	280	195	4.72	6.55	7.50
Kentucky	5,990	4,500	5,000	342	360	350	4.65	6.60	7.50
Virginia	5,980	4,100	4,300	375	271	525	4.48	5.30	7.30
Maryland	5,090	2,700	3,000	315	135	150	4.64	7.30	8.40
Delaware	2,260	950	1,050	126	43	47	4.66	7.45	7.90
California	2,320	1,800	2,800	356	531	742	5.97	9.50	7.90
Total or average	58,400	45,900	47,200	3,802	3,677	3,738	4.51	6.72	7.56
Late spring:									
New Jersey	3,380	3,100	3,200	188	155	240	5.16	7.80	8.16
Pennsylvania	3,020	2,200	1,900	211	143	152	5.52	8.00	8.35
Ohio	3,600	2,200	2,000	305	165	150	5.23	8.60	8.80
Indiana	2,220	1,600	1,900	159	128	238	4.82	7.55	9.20
New York	3,870	3,800	3,500	320	304	315	5.60	8.85	8.50
Michigan	7,790	7,000	7,500	693	770	750	4.66	7.35	8.55
Wisconsin	2,040	2,000	2,300	165	180	184	4.74	6.90	8.5
Iowa	1,000	1,050	840	55	52	30	4.90	8.20	10.00
Utah	1,060	760	950	64	72	86	6.62	12.00	10.00
Washington	5,460	6,000	6,600	524	720	924	4.26	8.00	7.40
Oregon	9,910	11,000	15,000	840	924	1,650	4.29	6.35	7.35
Total or average	43,350	40,710	45,690	3,526	3,613	4,719	4.76	7.54	7.95
United States	130,740	116,360	120,940	9,329	8,895	9,992	4.89	7.55	8.07

See footnotes on page 227.

TABLE 277.—*Fresh fruits: Carlot rail and boat shipments of specified commodities, United States, 1939-48*¹

Year	Apples ²		Citrus fruits				Grapes		Peaches	Pears ²
	East-ern	West-ern	Oranges ³	Grape-fruit	Lemons	Mixed citrus	Calif-ornia	Other		
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1939.....	22,725	28,564	112,147	36,867	20,635	15,619	31,415	403	20,041	16,043
1940.....	15,212	29,609	105,090	24,823	19,875	10,086	34,252	249	20,308	15,484
1941.....	16,548	30,100	114,074	29,714	24,863	11,431	33,657	135	22,843	14,862
1942.....	20,446	29,324	119,988	32,179	19,096	13,088	30,792	385	22,716	15,130
1943.....	10,155	26,388	110,370	31,700	20,376	22,361	22,312	374	12,465	14,695
1944.....	16,568	38,207	126,035	34,454	18,674	26,473	23,841	409	26,744	17,111
1945.....	5,983	37,705	118,788	35,916	18,170	21,281	28,496	180	36,687	19,834
1946.....	15,114	39,189	104,111	38,254	17,454	23,724	29,858	199	31,811	20,406
1947.....	5,021	41,231	106,250	37,604	16,709	16,221	34,657	354	26,443	19,678
1948.....	3,747	29,959	85,180	30,136	15,404	15,152	30,139	195	16,791	11,183

Year	Apricots	Cherries	Cran-berries	Plums and fresh prunes	Straw-berries	Mixed deciduous fruits	Total fruits
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1939.....	1,327	1,952	1,697	6,253	7,251	2,102	325,041
1940.....	1,124	1,812	1,256	6,998	5,070	1,823	293,071
1941.....	1,112	2,153	1,507	6,783	5,285	1,590	316,657
1942.....	1,408	2,244	1,489	7,225	6,628	1,631	328,769
1943.....	1,249	2,103	1,107	6,185	2,523	1,437	285,800
1944.....	2,446	2,152	643	8,954	1,351	1,606	345,668
1945.....	2,333	2,768	1,615	8,145	2,056	1,837	341,344
1946.....	2,403	2,539	952	8,867	2,383	1,507	338,771
1947.....	2,272	2,270	928	8,781	3,096	1,308	322,823
1948.....	1,675	1,718	1,431	7,384	2,250	1,212	253,556

¹ Figures for all commodities are on a calendar-year basis, except as indicated in footnote 2.

² Season beginning in June of year indicated and ending the following spring.

³ Includes Satsumas and tangerines.

Production and Marketing Administration. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

FOOTNOTES FOR TABLE 276:

¹ Includes quantities used for processing.

² Preliminary.

³ Equivalent 24-quart crates (approximately 36 pounds).

⁴ Includes some quantities not harvested.

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TABLE 278.—Fruits for fresh consumption: Season average price per unit received by growers, selected States, average 1935-39, annual 1944-48

Crop and State	Unit	Average 1935-39	1944	1945	1946	1947	1948 ¹
		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Apricots:							
Utah.....	Ton.....	48.20	123.00	100.00	100.00	105.00	60.00
Washington.....	do.....	53.90	148.00	152.00	131.00	121.00	89.50
California.....	do.....	47.00	165.00	156.00	150.00	123.00	97.30
United States.....	do.....	48.70	156.00	149.00	140.00	121.00	89.60
Cherries, sweet:							
Washington.....	do.....	² 134.00	360.00	321.00	356.00	419.00	338.00
California.....	do.....	² 108.00	358.00	353.00	373.00	319.00	408.00
Figs, California ²	do.....	52.70	183.00	180.00	211.00	168.00	116.00
Grapefruit:							
Florida, all.....	Box.....	² 83	2.17	1.96	1.42	1.01	1.44
Seedless.....	do.....	² 91	2.28	2.03	1.39	1.08	1.58
Other.....	do.....	² 76	2.03	1.84	1.48	.90	1.16
Texas, all.....	do.....	² 75	1.71	1.64	1.36	.90	1.01
Arizona, all.....	do.....	² 52	2.91	2.18	1.66	1.85	2.32
California, all.....	do.....	² 87	2.82	2.35	2.17	2.19	2.97
Desert Valley.....	do.....	² 66	2.17	1.95	1.54	1.96	2.32
Other.....	do.....	² 1.11	3.19	2.59	2.57	2.34	3.25
California-Arizona Desert Valley.....	do.....	² 56	2.68	2.11	1.62	1.89	2.32
United States.....	do.....	² 67	2.09	1.86	1.47	1.08	1.46
Lemons, California.....	do.....	² 2.83	4.60	4.25	5.18	5.34	7.10
Limes, Florida.....	do.....	3.65	5.58	4.60	4.95	4.00	4.10
Oranges:							
Florida:							
Early and midseason.....	do.....	² 84	2.58	2.66	1.68	1.24	1.31
Valencias.....	do.....	² 1.32	2.96	3.12	1.95	1.35	2.77
All oranges, except tangerines.....	do.....	² 1.01	2.75	2.87	1.79	1.29	2.00
Tangerines.....	do.....	² 1.00	2.81	3.35	2.32	1.71	2.22
All oranges and tangerines.....	do.....	² 1.01	2.75	2.82	1.83	1.33	2.02
Texas, all.....	do.....	² 1.18	2.69	2.62	2.13	1.84	1.65
Arizona, all.....	do.....	² 1.35	3.93	4.43	4.06	2.91	4.93
California, all.....	do.....	² 1.49	3.74	4.25	2.86	2.97	3.55
Navel and miscellaneous.....	do.....	² 1.28	3.72	3.83	3.21	2.73	3.82
Valencias.....	do.....	² 1.66	3.74	4.58	2.61	3.17	3.38
California-Arizona combined, all.....	do.....	² 1.49	3.74	4.26	2.89	2.97	3.58
United States, except tangerines.....	do.....	² 1.29	3.35	3.57	2.40	2.21	2.63
United States, including tangerines.....	do.....	² 1.28	3.32	3.56	2.40	2.19	2.61
Grapes:							
California, all ³	Ton.....	21.10	113.00	71.10	109.00	50.90	52.10
Shipped fresh out of State.....	do.....	21.40	114.00	70.20	110.00	50.70	53.00
Intrastate, used fresh.....	do.....	18.60	110.00	77.80	105.00	52.20	46.40
Peaches:							
California, all.....	Bushel.....	.76	2.68	2.73	3.01	2.02	2.19
Clingstone.....	do.....	.72	2.23	2.86	2.62	1.91	2.31
Freestone.....	do.....	.78	2.74	2.72	3.03	2.03	2.18
United States ⁴	do.....	1.07	2.74	2.56	2.50	1.94	2.40
Pears:							
Washington ⁶	do.....	.50	2.01	2.23	2.16	1.78	1.84
Oregon ⁶	do.....	.54	2.43	2.39	2.48	1.35	1.43
California ⁷	do.....	.65	2.43	2.14	2.31	1.87	2.62
United States ⁸	do.....	.63	2.13	2.14	2.25	1.70	1.86
Plums:							
Michigan.....	Ton.....	35.80	130.00	140.00	95.00	105.00	83.40
California.....	do.....	48.10	124.00	147.00	146.00	161.00	162.00
United States.....	do.....	47.10	124.00	147.00	144.00	159.00	149.00
Prunes:							
Idaho.....	do.....	35.90	96.00	86.20	114.00	69.00	65.70
Washington.....	do.....	38.40	114.00	113.00	128.00	119.00	72.50
Oregon.....	do.....	33.20	116.00	114.00	104.00	104.00	85.40
United States.....	do.....	35.50	107.00	102.00	113.00	86.50	75.50
Small fruits in New Jersey:							
Blackberries and dewberries.....	Quart.....	.10	.26	.32	.31	.22	.30
Raspberries.....	do.....	.15	.46	.51	.62	.43	.43
Strawberries:							
Louisiana.....	24-quart.....	⁹ 3.40	11.30	10.58	11.34	9.61	11.62
Washington.....	do.....	⁹ 2.93	5.09	7.71	11.98	10.15	9.14
Oregon.....	do.....	⁹ 3.02	7.76	7.64	11.11	7.06	9.05
United States ¹⁰	do.....	⁹ 2.77	8.00	8.96	9.82	7.73	8.35

¹ Preliminary. ² 1938-39 average. ³ Bulk fruit at first delivery point.

⁴ Revised.

⁵ California for fresh consumption; other States all methods of sale.

⁶ Packing-house-door returns per Northwest box.

⁷ Bulk fruit at first delivery point per equivalent 48-pound bushel.

⁸ Packing-house-door returns for fresh consumption in Pacific Coast States and average price per bushel for other States.

⁹ 1937-39 average.

¹⁰ Strawberries for fresh use in Louisiana, Washington, and Oregon, and all strawberries in other States.

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TABLE 279.—Fruits, canned: United States pack of selected items, 1929-48

Season	Apples and apple-sauce	Apricots	Berries	Cherries	Grapefruit segments ¹	Olives	Peaches	Pears	Pine-apple ²	Plums and prunes	Salad and cocktail	Total of these items
	Million cases ³	Million cases ³	Million cases ³	Million cases ³	Million cases ³	Million cases ³	Million cases ³	Million cases ³	Million cases ³	Million cases ³	Million cases ³	Million cases ³
1929	4.0	4.0	2.1	1.9	1.2	0.6	8.3	4.6	9.9	1.2	1.7	39.5
1930	2.9	2.0	1.6	2.1	2.0	.6	13.1	4.3	9.7	.9	1.7	40.9
1931	2.7	2.0	2.2	1.6	.7	.4	8.3	3.7	11.0	.9	1.3	34.8
1932	3.1	1.8	1.0	1.8	1.5	.4	6.3	3.4	8.8	.6	1.4	30.1
1933	3.2	2.4	1.2	2.2	1.7	.6	10.4	4.6	9.8	1.0	2.3	39.3
1934	3.8	2.0	1.6	2.0	2.6	.6	8.8	5.7	12.2	1.3	2.6	43.2
1935	3.5	3.2	1.4	2.6	1.8	.5	11.5	4.5	10.9	1.9	3.0	43.9
1936	4.1	2.9	1.3	1.7	3.1	1.0	11.0	5.9	13.2	2.0	3.7	49.9
1937	4.7	5.6	1.5	2.6	2.6	.7	13.6	4.9	14.3	1.9	4.5	56.9
1938	2.7	1.7	1.2	2.1	3.0	.6	10.2	4.7	9.1	.8	2.8	38.9
1939	4.9	3.4	1.2	3.5	3.0	.9	12.0	4.6	13.7	2.3	5.3	54.8
1940	4.1	2.2	1.2	3.3	2.2	1.1	11.3	5.5	11.6	1.3	5.0	48.8
1941	7.2	4.3	1.7	2.6	3.3	1.2	15.1	6.6	15.7	2.3	5.7	65.3
1942	8.7	3.2	1.3	3.5	.7	.7	16.2	5.9	8.0	2.1	6.2	56.5
1943	4.0	1.2	1.0	1.3	.7	1.0	10.9	4.5	6.5	2.8	5.7	39.6
1944	6.1	7.8	.5	3.5	.3	.9	13.6	4.6	4.9	1.4	6.6	50.2
1945	2.7	4.3	.4	2.4	1.9	.9	14.8	4.7	4.1	1.9	6.6	44.7
1946	9.6	10.6	.9	4.3	3.9	1.9	20.3	5.5	9.4	3.6	8.0	78.0
1947	6.5	3.3	1.0	2.4	2.4	1.0	19.1	5.7	10.2	2.0	10.2	63.8
1948 ⁴	4.7	4.8	1.9	3.6	3.8	.9	17.4	4.0	-----	.9	10.8	52.8

¹ Including shipments from Puerto Rico.

² Shipments from Hawaii to the United States, plus "prepared or preserved" shipments from Puerto Rico and imports; calendar year basis. Shipments from Hawaii not available after March 31, 1948.

³ In terms of cases of 24 No. 2½ cans. ⁴ Preliminary. ⁵ Excluding pineapple.

Bureau of Agricultural Economics. In addition to the canned fruits shown in this table, considerable quantities of the following products also are canned: Cranberries, citrus salad, figs, fruit puree, and orange segments.

TABLE 280.—Fruit juices, canned: United States packs, and receipts from Puerto Rico and Hawaii, 1928-47

Mainly season beginning November	Citrus juices						Pine-apple juice from Hawaii	Grape juice	Prune juice	Apple juice	Fruit nectars	Total fruit juices
	Grapefruit		Orange	Blended orange and grapefruit	Lemon	Total citrus ¹						
	United States pack	Receipts from Puerto Rico										
	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²
1928	205	-----	-----	-----	-----	205	-----	-----	-----	-----	-----	1,317
1929	192	-----	38	-----	-----	230	-----	1,112	-----	-----	-----	1,386
1930	462	5	94	-----	-----	561	-----	1,200	-----	-----	-----	1,761
1931	341	1	36	-----	-----	378	-----	1,296	-----	-----	-----	1,674
1932	779	3	99	-----	-----	881	1	1,128	-----	-----	-----	2,101
1933	844	4	303	-----	-----	1,151	-----	961	-----	-----	-----	2,112
1934	3,040	18	945	-----	42	4,045	3,095	1,283	40	(3)	50	8,513
1935	2,602	50	1,036	85	141	3,914	7,753	1,604	70	(3)	140	13,481
1936	6,616	205	1,410	272	249	8,752	9,418	1,778	150	(3)	355	20,453
1937	8,811	104	1,040	547	212	10,714	7,277	1,950	950	(3)	1,585	22,476
1938	11,624	47	1,263	717	59	13,710	10,626	2,533	870	(3)	705	28,444
1939	10,993	36	3,595	1,433	128	16,125	10,392	3,115	230	435	540	30,837
1940	16,788	31	4,094	2,569	294	23,776	14,364	3,178	290	530	1,800	43,988
1941	12,763	52	4,777	2,342	228	20,182	7,935	2,610	505	2,030	1,695	34,957
1942	23,602	33	2,823	3,702	29	30,189	6,917	2,918	1,740	1,595	725	44,084
1943	26,092	17	8,446	6,283	111	40,949	4,376	1,555	2,320	1,595	290	51,085
1944	22,435	217	16,777	8,075	330	47,834	4,297	1,995	2,465	2,465	870	59,926
1945	26,062	128	22,182	13,461	627	62,460	10,529	2,550	4,060	1,305	290	82,644
1946	17,614	219	19,717	10,459	327	48,336	11,581	3,400	4,612	3,073	1,479	76,541
1947	17,450	206	27,308	12,369	492	57,825	(3)	3,500	4,596	1,343	1,500	-----

¹ Excluding citrus concentrates, which amounted to large quantities particularly during World War II. Also excludes tangerine juice, which in the 3 seasons beginning with 1945 amounted to 523,000, 1,180,000, and 592,000 cases respectively.

² Equivalent cases of 24 no. 2 cans.

³ Included with fruit nectars.

⁴ Includes 1,450,000 cases of berry juices in 1945 and 4,060,000 cases in 1946.

⁵ Reports from Hawaii not available after Mar. 31, 1948.

Production and Marketing Administration. Based on data obtained from various canners' associations and individual canners. Receipts from Puerto Rico and Hawaii from reports of the Department of Commerce.

TABLE 281.—*Fruits, dried: Estimated commercial production in specified foreign countries, averages 1935-39 and 1940-44, annual 1948-48*

Commodity and country	Average		1943	1944	1945	1946	1947 ¹	1948 ¹
	1935-39	1940-44						
Apples, dried:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Australia.....	500	1,500	1,900	2,300	2,000	2,000	1,500	1,800
Canada.....	3,000	5,500	6,500	6,700	800	2,200	3,300	1,000
Union of South Africa.....	100	200	200	200	100	100	100	100
Total.....	3,600	7,200	8,600	9,200	2,900	4,300	4,900	2,900
Apricots, dried:								
Australia.....	1,600	1,900	1,400	2,100	900	1,500	1,400	1,100
Spain.....	200	4,500	5,500	9,600	2,600	2,200	3,900	1,800
Syria.....	900	700	1,000	800	600	600	500	1,000
Union of South Africa.....	1,700	800	700	900	700	100	500	400
Total.....	4,400	7,900	8,600	13,400	4,800	4,400	6,300	4,300
Currants (dried grapes):								
Australia.....	21,600	24,500	23,800	28,400	19,700	15,700	12,700	19,300
Greece.....	135,700	78,100	44,900	55,000	41,800	62,200	84,500	77,000
Union of South Africa.....	700	1,000	900	1,100	1,100	1,200	1,000	1,100
Total.....	158,000	103,600	69,600	84,500	62,600	79,100	98,200	97,400
Figs, dried:								
Algeria.....	18,500	16,300	17,200	9,500	10,400	22,700	48,600	40,600
Argentina.....	400	600	400	200	300	1,300	1,000	1,100
Greece.....	22,800	21,100	16,500	13,200	19,800	21,400	27,800	25,300
Italy.....	87,200	81,900	66,000	70,400	59,200	60,500	66,000	67,500
Portugal.....	5,700	9,700	12,100	8,800	5,500	11,000	10,400	9,900
Turkey.....	37,000	30,600	27,500	35,200	28,600	38,500	37,400	33,000
Union of South Africa.....	100	200	200	200	200	200	200	200
Total.....	171,700	160,400	139,900	137,500	124,000	155,600	191,400	177,600
Peaches, dried:								
Argentina.....	1,200	2,200	4,300	2,500	3,200	4,300	3,500	3,300
Australia.....	500	500	400	500	600	500	400	600
Chile.....	1,700	1,100	900	1,000	800	800	900	900
Union of South Africa.....	700	900	1,100	1,300	900	800	900	800
Total.....	4,100	4,700	6,700	5,300	5,500	6,400	5,700	5,600
Pears, dried:								
Argentina.....	400	700	800	1,000	900	2,700	1,900	1,000
Australia.....	300	400	400	500	400	300	400	200
Union of South Africa.....	200	800	1,300	500	1,000	300	600	500
Total.....	900	1,900	2,500	2,000	2,300	3,300	2,900	1,700
Prunes, dried:								
Argentina.....	1,500	2,800	4,200	2,900	4,300	4,800	6,300	5,200
Australia.....	2,900	3,100	3,100	3,600	1,900	3,000	2,200	3,600
Bulgaria.....	9,400	4,900	8,000	2,000	3,000	3,000	1,200	3,000
Chile.....	1,100	1,300	1,300	1,900	1,800	2,600	2,900	3,200
France.....	4,700	2,100	2,700	3,800	1,100	4,100	11,000	8,100
Rumania.....	12,000	3,000	6,000	1,100	7,700	5,000	2,000	2,000
Union of South Africa.....	1,100	1,100	900	1,600	1,300	1,600	1,900	1,900
Yugoslavia.....	30,500	5,100	17,600	1,100	11,000	7,200	9,000	12,000
Total.....	63,200	23,400	43,800	18,000	32,100	31,300	36,500	39,000
Raisins:								
Argentina.....	4,600	6,000	8,300	7,100	3,600	4,400	5,000	7,200
Australia.....	60,300	79,200	78,000	88,400	56,500	65,400	50,500	70,100
Chile.....	1,800	1,900	2,200	900	900	1,300	1,000	700
Greece.....	32,700	21,400	17,600	17,600	9,400	20,900	26,400	25,300
Iran.....	36,200	34,000	38,500	33,000	33,000	35,800	22,000	41,800
Spain.....	14,500	9,000	10,400	10,400	8,600	6,100	11,300	6,900
Turkey.....	73,800	51,000	77,000	49,500	71,500	60,600	33,000	77,000
Union of South Africa.....	10,000	11,700	12,500	12,200	11,500	12,300	9,500	9,400
Total.....	233,900	214,200	244,500	219,100	195,000	206,700	158,700	238,400

¹ Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research and other information. Data for 1930-41 in *Agricultural Statistics, 1945, tables 247-254*. Data for 1942 in the 1948 book, table 275.

TABLE 282.—Dried fruits: Production (dry basis), United States, 1929-48

Year	Apples	Apricots	Berries	Dates	Figs	Peaches	Pears	Prunes ¹	Raisins	Other grapes	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1929	25,300	22,110	-----	870	17,000	15,500	4,200	159,700	215,000	9,500	469,180
1930	26,300	23,820	-----	1,660	21,000	26,100	4,510	284,800	192,000	3,500	583,590
1931	22,600	37,640	500	1,215	17,000	21,500	4,370	242,100	169,000	6,600	522,425
1932	23,550	35,300	250	2,160	19,000	22,200	5,460	194,100	262,000	3,500	567,520
1933	25,800	37,450	350	2,450	21,500	23,360	6,970	205,100	195,000	3,250	521,230
1934	19,500	16,800	300	3,160	22,900	25,740	4,930	200,800	171,000	2,800	467,930
1935	26,800	25,825	300	3,250	24,000	19,540	6,100	297,000	203,000	1,000	605,815
1936	20,700	32,200	400	3,970	20,000	26,215	8,100	184,000	182,000	1,400	478,985
1937	25,500	34,300	250	3,630	28,700	22,900	3,500	255,400	247,000	1,500	622,680
1938	20,000	21,400	350	3,530	31,500	21,960	6,840	238,000	290,000	2,200	635,780
1939	25,400	41,000	250	2,600	26,000	24,000	8,910	213,400	245,000	2,150	588,710
1940	12,000	10,300	150	6,200	32,000	24,420	3,110	177,400	171,000	1,150	437,730
1941	17,000	19,700	45	7,790	33,500	14,800	3,660	184,600	209,000	1,000	489,095
1942	21,000	20,800	50	5,740	28,200	23,200	2,740	176,800	254,000	2,250	536,780
1943	17,500	6,600	-----	10,770	36,700	16,400	4,150	207,700	401,000	450	701,270
1944	17,000	25,600	-----	13,190	35,200	26,700	4,040	163,150	309,500	-----	594,380
1945	14,600	7,800	-----	6,800	32,600	22,800	5,450	233,750	241,000	1,300	566,000
1946	18,300	17,950	-----	16,720	36,600	25,000	4,580	222,250	193,000	100	534,500
1947 ²	15,000	15,230	-----	10,180	38,000	17,100	2,810	200,200	306,000	275	604,795
1948 ²	7,700	12,400	-----	15,070	30,300	8,120	970	176,350	223,000	550	474,460

¹ Figures on dried prunes are for harvested quantities only; additional quantities of California prunes, in some years, were not harvested.

² Preliminary.

Bureau of Agricultural Economics. Figures on dates, figs, prunes, and raisins compiled from official reports of the Bureau. Data on other fruits from trade sources or from Giannini Foundation of Agricultural Economics, University of California. All figures on a natural condition basis.

TABLE 283.—Fruits, frozen: Commercial pack, by kinds, United States, 1938-47

Commodity	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples and applesauce	1,070	2,127	4,008	10,000	15,100	27,800	52,400	92,985	78,220	28,573
Apricots	193	304	175	700	5,300	10,000	42,600	65,158	43,571	6,007
Cherries, red, tart	29,017	39,733	39,963	43,741	41,800	23,000	55,100	16,144	88,061	67,002
Grapes	7,076	8,787	10,011	16,800	8,200	10,200	11,400	10,185	12,445	20,975
Peaches	4,407	6,812	5,377	6,600	13,800	17,000	45,600	103,634	65,140	27,034
Prunes and plums	195	(¹)	(¹)	400	2,900	22,100	18,100	18,368	14,106	2,843
Fruit juices	3,285	1,545	2,297	6,689	5,400	14,400	9,400	24,338	262,930	313,212
Miscellaneous fruits	7,404	3,051	5,056	-----	-----	-----	12,400	-----	-----	-----
Berries:										
Strawberries	55,533	50,779	62,316	79,537	63,800	29,800	34,800	36,917	78,059	109,036
Raspberries	10,530	10,362	16,481	22,254	20,400	20,000	18,700	16,731	29,421	32,517
Blackberries	3,990	7,415	9,646	9,031	8,200	8,300	16,200	21,503	19,750	14,510
Blueberries ⁴	1,681	1,106	2,563	2,187	1,700	2,700	5,000	7,829	10,240	5,407
Loganberries	1,610	1,438	2,467	3,465	2,700	1,300	3,160	2,522	3,017	2,299
Elderberries	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Boysenberries	1,407	5,899	11,688	4,364	2,100	1,700	4,200	7,084	10,905	12,495
Youngberries	-----	-----	-----	-----	2,100	1,200	2,500	2,551	1,766	1,161
Gooseberries	-----	-----	-----	-----	600	1,200	1,600	1,558	1,430	93
Currants	1,787	1,260	396	2,035	3,400	2,600	4,800	2,668	4,219	4,089
Total	129,185	140,618	172,444	207,803	197,500	193,300	337,900	430,177	523,281	347,251

¹ Included with "Miscellaneous fruits."

² Includes 23,006,000 pounds of pineapple, 7,831,000 pounds of sweet cherries, and 32,093,000 pounds of miscellaneous fruits.

³ Includes 5,909,000 pounds of pineapple, 357,000 pounds of sweet cherries, and 6,946,000 pounds of miscellaneous fruits.

⁴ Includes huckleberries.

Bureau of Agricultural Economics. Data for 1938-41 from "Western Canner and Packer" (Yearbook for 1943); 1942-44 from Inter-Agency Supply Estimates Committee, Dept. of Agriculture; 1945-47 from National Association of Frozen Food Packers. Total packs of frozen fruits for years 1925-37 in Agricultural Statistics, 1948, table 278.

TABLE 284.—Fruits, frozen: United States pack, by kinds and areas, 1948¹

Commodity	Northeast ²	South ³	Midwest ⁴	West ⁵	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples and applesauce.....	12,364	3,032	6,337	5,820	27,552
Apricots.....				2,477	2,477
Cherries, red, tart.....	⁶ 26,397		52,870	8,532	87,798
Cherries, sweet.....	(⁷)	(⁷)	(⁷)	(⁷)	664
Grapes and pulp.....	4,024	150	143	1,194	5,511
Peaches.....	1,298	1,599	1,372	9,329	13,598
Pineapple.....	(⁷)	(⁷)	(⁷)	(⁷)	⁸ 3,677
Prunes.....				2,125	2,125
Berries:					
Blackberries.....	30	645	133	8,938	9,745
Blueberries.....	4,726		2,851	84	7,661
Boysenberries.....		745		⁹ 8,087	8,832
Currants.....	2,641		589	650	3,880
Gooseberries.....	(⁷)	(⁷)	(⁷)	(⁷)	44
Loganberries.....				4,174	4,174
Raspberries, black.....	⁶ 1,078		1,054	2,387	4,519
Raspberries, red.....	⁶ 693		973	21,532	23,198
Strawberries.....	9,147	39,007	9,264	102,659	160,077
Youngberries.....				663	663
Miscellaneous ¹⁰	667	1,727	135	8,935	11,463
Total of above.....	63,028	47,506	76,566	190,559	377,660
Orange juice, concentrated.....	(⁷)	(⁷)	(⁷)	(⁷)	^{1,000} gallons 2,500

¹ The figures in this tabulation are for the commercial pack only and do not include quantities of fruit frozen by industrial users or other types of processors, who use all or the largest portion of their frozen pack as raw material for the manufacture of jams, jellies, and other fruit spreads, ice cream, bakery goods, or alcoholic beverages. The tabulation also does not include custom freezing for industrial users nor quantities produced in frozen-food locker plants.

² Maine, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

³ Missouri, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Texas, Kentucky, and West Virginia.

⁴ Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, and Nebraska.

⁵ Montana, Idaho, Colorado, Arizona, Utah, Washington, Oregon, and California.

⁶ Includes some packed in the South.

⁷ Data by regions not available for publication.

⁸ Data by regions not available; includes Hawaiian pack.

⁹ Includes some packed in the Midwest.

¹⁰ Bananas, cantaloups, citrus fruit, coconuts, cranberries, dewberries, elderberries, feijoa, figs, fruit juices, guavas, huckleberries, melon balls, mixed fruits, nectarines, oranges, orange puree, pears, persimmons, plums, quinces, and tangerines.

National Association of Frozen Food Packers; annual report published in April 1949.

TABLE 285.—Fruits: Total and per capita civilian consumption, United States, 1929-48¹

Year	Total fresh fruits		Fresh apples ²		Fresh citrus fruits		Total other fresh fruits ³ excluding citrus and apples		Canned fruits ⁴		Canned juices ⁵		Dried fruits ⁶		Frozen fruits ⁷	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
1929-----	<i>Mil. lb.</i> 17,595	<i>Lb.</i> 143.5	<i>Mil. lb.</i> 4,837	<i>Lb.</i> 39.4	<i>Mil. lb.</i> 4,854	<i>Lb.</i> 39.6	<i>Mil. lb.</i> 7,904	<i>Lb.</i> 64.5	<i>Mil. lb.</i> 1,502	<i>Lb.</i> 12.2	<i>Mil. lb.</i> 40	<i>Lb.</i> .3	<i>Mil. lb.</i> 646	<i>Lb.</i> 5.2	<i>Mil. lb.</i> 71	<i>Lb.</i> 0.6
1930-----	16,614	134.2	5,180	41.8	3,848	31.1	7,586	61.3	1,593	12.8	40	.3	668	5.4	65	.5
1931-----	20,381	163.3	6,409	51.4	5,250	42.0	8,722	69.9	1,349	10.8	53	.4	587	4.7	51	.4
1932-----	16,132	128.4	4,888	38.9	4,583	36.5	6,661	53.0	1,283	10.2	54	.4	681	5.4	78	.6
1933-----	15,966	126.4	5,029	39.8	4,941	39.1	5,996	47.5	1,477	11.6	57	.5	658	5.2	64	.5
1934-----	15,031	118.3	3,193	25.1	5,024	39.5	6,814	53.7	1,585	12.4	65	.5	645	5.1	62	.5
1935-----	17,376	135.8	4,189	32.7	5,679	44.4	7,508	58.7	1,712	13.3	253	2.0	757	5.9	64	.5
1936-----	16,445	127.6	3,534	27.4	5,915	45.9	6,996	54.3	2,144	16.6	308	2.4	699	5.4	86	.7
1937-----	18,253	140.8	4,323	33.3	5,730	44.2	8,200	63.3	1,743	13.4	579	4.5	753	5.8	66	.5
1938-----	17,416	133.3	3,658	28.0	6,372	48.8	7,386	56.5	2,002	15.3	602	4.6	722	5.5	132	1.0
1939-----	19,875	150.9	4,021	30.5	8,030	61.0	7,825	59.4	2,098	15.9	775	5.9	836	6.3	148	1.1
1940-----	18,841	141.8	3,918	29.5	7,495	56.4	7,428	55.9	2,516	18.8	955	7.2	848	6.4	169	1.3
1941 ⁸ -----	19,733	148.8	4,177	31.5	7,608	57.4	7,948	59.0	2,370	17.8	1,138	8.6	542	4.1	177	1.3
1942 ⁸ -----	17,487	132.1	3,693	27.9	7,585	57.3	6,209	46.9	2,292	17.6	1,098	8.3	571	4.4	184	1.4
1943 ⁸ -----	15,680	121.0	3,214	24.8	7,776	60.0	4,690	36.2	1,409	10.9	996	7.7	767	5.9	145	1.1
1944 ⁸ -----	18,573	143.7	3,286	25.4	8,771	67.9	6,516	50.4	1,218	9.4	1,359	10.5	791	6.1	259	2.0
1945 ⁸ -----	18,778	144.7	2,970	22.9	8,593	66.2	7,215	55.6	2,213	16.4	1,413	10.9	797	5.9	298	2.3
1946 ⁸ -----	19,634	140.9	3,232	23.2	8,182	58.7	8,220	59.0	3,033	21.4	2,473	17.7	641	4.5	432	3.1
1947 ⁸ -----	20,879	145.5	3,619	25.2	8,874	61.9	8,386	58.4	2,707	18.7	2,341	16.3	641	4.4	459	3.2
1948 ⁸ 10-----	19,178	131.1	3,776	25.8	7,881	53.9	7,521	51.4	2,692	18.3	2,648	18.1	595	4.0	433	3.0

¹ Fresh fruits, canned juices, and frozen fruits are on a calendar-year basis. Canned and dried fruits are on a pack-year basis. In the years 1941-48 fresh citrus fruits are on a crop-year basis, beginning in November of the preceding year.

² Excludes noncommercial apples beginning with 1934.

³ Apricots, avocados, bananas, cherries (including an estimate for noncommercial), cranberries, figs, grapes, peaches, pears, pineapples, plums and prunes (including an estimate for noncommercial), and strawberries (including an estimate for noncommercial).

⁴ Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, citrus segments, olives (including brined), pineapple, plums, prunes, peaches, and pears.

⁵ Grapefruit, orange, blended citrus, and lemon juices (single-strength juices 1929-48; concentrated juices converted to single-strength basis 1941-48), pineapple, apple, berry, grape, and prune juices and fruit nectars.

⁶ Dried packs of apples, apricots, Zante currants, dates, figs, peaches, pears,

prunes, and raisins except for unmerchantable figs and substandard prunes. Data are in terms of processed dried weight.

⁷ Principally cherries, apples, peaches, apricots, strawberries, and other berries.

⁸ The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of children under 5 years of age, and for members of the armed forces not eating out of civilian food supplies.

⁹ Corresponding data on a calendar-year basis are as follows: 1943-1,657 and 12.8; 1944-1,197 and 9.3; 1945-1,856 and 14.3; 1946-3,042 and 21.8; 1947-2,613 and 18.2; 1948-2,634 and 18.0.

¹⁰ Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 240.

TABLE 286.—Fruits for processing: Season average price per unit received by growers, selected States, average 1935-39, annual 1944-48

Crop and State	Unit	Average	1944	1945	1946	1947	1948 ¹
		1935-39					
Apples for canning:		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York	Ton	13.30	64.20	(?)	78.00	51.60	57.40
Pennsylvania, Maryland, Virginia	do.	12.10	58.10	122.00	79.60	65.20	43.90
Washington, Oregon	do.	3.18	57.80	61.40	53.60	24.20	21.90
United States	do.	9.65	59.60	107.00	76.60	56.50	47.00
Apples for drying:							
New York	do.	7.32	59.20	(?)	37.00	17.80	24.40
Virginia	do.	⁴ 6.30	30.80	(?)	33.30	(?)	(?)
West Virginia	do.	⁵ 7.63	40.00	(?)	57.10	35.40	(?)
Washington	do.	3.22	40.40	54.20	29.00	11.30	15.70
California	do.	7.50	54.20	62.50	43.80	11.70	18.80
Apricots for canning:							
Utah	do.	25.00	88.00	80.00	80.00	65.00	12.00
Washington	do.	30.20	89.50	105.00	84.00	69.00	43.00
California	do.	35.20	92.00	110.00	97.00	73.00	57.00
United States	do.	34.80	92.00	109.00	96.50	72.60	56.50
Apricots, dried: California	do.	209.00	610.00	632.00	600.00	480.00	418.00
Cherries, sweet, for processing:							
Michigan	do.	⁴ 96.50	204.00	352.00	256.00	206.00	230.00
Washington	do.	⁶ 58.20	229.00	246.00	253.00	182.00	247.00
Oregon	do.	⁶ 60.50	245.00	243.00	258.00	195.00	261.00
California	do.	109.00	254.00	267.00	291.00	236.00	315.00
Figs for canning:							
California	do.	63.20	125.00	125.00	129.00	105.00	92.00
Texas	do.	56.80	168.00	152.00	174.00	174.00	112.00
United States	do.	62.00	127.00	128.00	133.00	109.00	93.10
Grapefruit:							
Florida	Box	⁶ .20	1.72	1.20	.46	.17	.40
Texas	do.	.23	1.25	1.05	.50	.26	.35
Arizona	do.	⁶ .13	.99	.81	.15	.21	.24
California	do.	⁶ .22	.72	.55	.12	.07	.12
United States	do.	⁶ .18	1.49	1.12	7.44	.19	.38
Grapes for processing:							
New York (Concords only)	Ton	⁸ 37.00	86.00	130.00	150.00	100.00	100.00
Pennsylvania (Concords only)	do.	⁶ 40.00	95.00	138.00	140.00	102.00	100.00
Michigan	do.	42.00	88.80	136.00	139.00	83.00	99.00
Washington	do.	⁹ 32.00	58.50	61.80	81.60	65.30	40.70
California (all varieties):							
Canned	do.	21.20	55.00	62.00	75.00	57.00	48.50
Dried	do.	55.70	200.00	203.00	312.00	132.00	134.00
For wine and brandy	do.	13.90	100.00	55.10	90.70	29.80	30.30
Lemons: California	Box	⁶ .66	1.20	.75	.74	.60	.69
Oranges (including tangerines):							
Florida	do.	⁶ .19	2.49	2.68	.73	.74	1.42
Texas	do.	¹⁰ .60		2.05	.85	.61	.63
Arizona	do.	⁹ 1.20	1.15	1.43	.94	.82	.78
California	do.	⁶ .25	1.62	2.03	.72	.77	1.31
United States	do.	⁶ .18	2.14	2.50	.73	.75	1.37
Peaches for canning:							
California	Ton	25.50	62.10	63.30	63.30	49.00	62.10
Clingstone	do.	25.70	62.30	63.50	63.50	49.70	63.30
Freestone	do.	21.40	55.00	57.00	59.00	40.00	50.00
Peaches, dried: California							
Clingstone	do.	125.00	451.00	458.00	333.00	195.00	301.00
Freestone	do.	107.00	340.00	285.00	282.00	156.00	252.00
Pears, for canning:							
Bartlett:							
Washington	do.	19.80	72.00	72.00	77.50	74.00	110.00
Oregon	do.	23.70	84.90	80.00	94.00	82.40	96.60
California	do.	23.40	80.00	72.00	100.00	73.00	120.00
Pacific Coast	do.	21.60	77.20	72.60	91.70	74.00	116.00
Pears, dried:							
California, all	do.	118.00	340.00	350.00	365.00	275.00	385.00
Bartlett	do.	118.00	340.00	358.00	374.00	275.00	385.00
Other	do.	¹¹ 99.00		242.00	267.00		
Plums, for canning: California	do.	25.80	58.00	55.00	70.00	67.00	60.00
Strawberries:							
Washington	Pound	.057	.158	.173	.267	.196	.202
Oregon	do.	.059	.173	.173	.275	.172	.200
Louisiana	do.	.044	.221	.262	.267	.218	.232
United States	do.	.057	.182	.194	.271	.187	.204

¹ Preliminary.² Quantity negligible.³ None dried.⁴ 1936-39 average.⁵ Average for 1936, 1937, and 1939.

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⁶ 1938-39 average.⁷ Revised.⁸ 1937-39 average.⁹ 1939 only.¹⁰ Average for 1937 and 1939.¹¹ 1936 only.

Vegetables and Melons

This section includes statistics on potatoes, sweetpotatoes, and all crops commonly called commercial truck crops for both fresh market and processing.

Commercial truck crops, which are harvested in some sections of the country every month of the year, are for the most part extremely perishable and must be marketed quickly to avoid waste. Production estimates are made at frequent intervals to be of most use in providing a basis for orderly marketing. Such estimates also indicate aggregate supplies, as well as quantities of each crop that will be available during a given period.

The seasonal groupings of truck crops for fresh market, adopted in 1943, correspond to the four seasons of the year. The name of each group, shown below, indicates the period when heaviest supplies of each crop are usually available, so that it is relatively easy to interpret the reports in terms of total production of all commercial truck crops for a given period.

Seasonal Groupings on Basis of the Most Active Harvesting Period

Winter: January, February, and March. Summer: July, August, and September.
Spring: April, May, and June. Fall: October, November, and December.

Subgroups for Most Crops

Early winter: January and first half of February.	Early summer: July and first half of August.
Late winter: Second half of February and all of March.	Late summer: Second half of August and all of September.
Early spring: April and first half of May.	Early fall: October and first half of November.
Late spring: Second half of May and all of June.	Late fall: Second half of November and all of December.

Subgroups for Short-Season Crops

Early spring: April.	Early summer: July.
Midspring: May.	Midsummer: August.
Late spring: June.	Late summer: September.

The beginning and the ending of these seasons are not fixed dates but approximations, as there is necessarily some overlapping of the seasons outlined above.

The estimates of commercial truck crops for fresh market include only acreages of specified crops in important areas, which are generally recognized as growing these crops in substantial quantities for shipment to market. They do not include farm gardens or strictly local market areas. The acreages for fresh market are those for harvest. Acreages only partly harvested or not harvested at all because of low prices or other economic factors are included, but acreages lost or abandoned from natural causes are not included.

The estimates of truck crops for commercial processing include acreages grown under contract, acreages grown by processors, and equivalent acreages for tonnage procured through open-market purchases. Such equivalent acreages are not duplicated in the fresh-market estimates. The estimates of truck crops for processing include quantities procured for commercial canning, freezing, and other processing, exclusive of dehydration. Quantities procured for dehydration are included in the estimates of truck crops for fresh market.

TABLE 287.—*Truck crops, commercial: Acreage, production, and value, United States, 1929-48*

Year	Acreage ¹			Production ²			Farm value ³		
	For fresh market ⁴	For processing ⁵	Total	For fresh market ⁴	For processing ⁵	Total	For fresh market ⁴	For processing ⁵	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929.....	1,381,710	1,181,410	2,563,120	6,057,100	3,033,500	9,090,600	242,470	64,599	307,069
1930.....	1,533,230	1,374,740	2,907,970	6,155,100	3,332,000	9,487,100	222,343	70,856	293,199
1931.....	1,571,900	1,117,390	2,689,290	5,945,100	2,380,100	8,325,200	188,632	42,145	230,777
1932.....	1,630,740	779,370	2,410,110	6,003,900	2,043,100	8,047,000	152,035	26,549	178,584
1933.....	1,536,590	894,260	2,430,850	5,333,000	1,982,800	7,315,800	155,521	30,117	185,638
1934.....	1,728,280	1,153,050	2,881,336	6,176,000	2,636,000	8,812,000	175,758	41,467	217,225
1935.....	1,695,850	1,454,350	3,150,200	5,986,300	3,352,300	9,338,600	188,110	55,509	243,619
1936.....	1,793,260	1,364,940	3,158,200	6,203,000	3,323,100	9,526,100	198,875	56,960	255,835
1937.....	1,710,340	1,562,470	3,272,810	6,294,900	3,835,600	10,130,500	212,855	70,388	283,243
1938.....	1,751,880	1,393,840	3,145,720	6,718,400	3,623,300	10,341,700	187,600	64,431	252,031
1939.....	1,769,940	1,153,430	2,923,370	6,723,300	3,410,000	10,133,300	212,971	55,665	268,636
1940.....	1,710,650	1,393,990	3,104,640	6,821,600	3,992,500	10,814,100	222,328	68,377	290,705
1941.....	1,681,750	1,664,370	3,346,120	6,537,300	5,135,900	11,673,200	277,547	98,588	376,135
1942.....	1,649,350	1,996,740	3,646,090	6,993,600	5,860,200	12,853,800	365,753	153,132	518,885
1943.....	1,572,690	1,958,020	3,530,710	6,674,600	5,108,200	11,782,800	555,667	180,443	736,110
1944.....	1,878,630	1,984,290	3,862,920	7,984,600	5,544,800	13,529,400	528,260	198,948	727,208
1945.....	1,892,510	1,943,360	3,835,870	8,345,000	5,388,200	13,733,200	622,852	202,521	825,373
1946.....	2,046,540	2,062,090	4,108,630	9,064,900	6,304,100	15,369,000	577,266	249,489	826,755
1947.....	1,842,760	1,878,760	3,721,520	7,965,300	5,562,700	13,528,000	624,067	212,523	836,590
1948 ⁶	1,801,840	1,709,660	3,511,500	8,337,600	5,458,500	13,796,100	599,561	214,355	813,916

¹ Acreage for fresh market is acreage for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Acreage for processing is acreage harvested.

² Production for fresh market includes some quantities not marketed because of low prices or other economic factors, and excluded in computing value.

³ Value for fresh market is for the marketing season and should not be confused with calendar-year income.

⁴ Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons. Shallots not included prior to 1937; sweet corn in two States 1929-33, three States 1939-48.

⁵ Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes. Production and value of lima beans and green peas are on a shelled basis.

⁶ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 acreage and value in Agricultural Statistics, 1942, table 415.

TABLE 288.—Truck crops, commercial: Acreage, by States, average 1937-46, annual 1947 and 1948¹

State and division	For fresh market ²			For processing ³			Total		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948 ⁴	Average 1937-46	1947	1948 ⁴
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Maine.....				19,060	20,310	19,720	19,060	20,310	19,720
New Hampshire.....				440	410	360	410	410	360
Vermont.....				1,190	700	1,010	1,190	700	1,010
Massachusetts.....	3,620	2,600	2,510	790	860	670	4,410	3,460	3,180
Connecticut.....				320	260	320	320	260	320
New York.....	121,410	127,000	122,550	108,250	92,700	111,440	229,660	219,700	233,990
New Jersey.....	95,940	96,350	93,400	63,710	70,850	61,500	159,650	167,200	154,900
Pennsylvania.....	34,230	36,490	36,180	56,190	63,710	49,940	90,420	100,200	86,120
North Atlantic.....	255,200	262,440	254,640	249,950	249,830	244,960	505,150	512,270	499,600
Ohio.....	15,720	10,720	11,220	62,970	62,130	50,810	78,690	72,850	62,030
Indiana.....	22,990	23,100	21,650	157,640	147,500	130,620	180,630	170,600	152,270
Illinois.....	26,070	24,050	24,050	101,870	109,820	102,150	127,940	133,870	126,200
Michigan.....	37,280	37,100	38,700	62,100	67,040	74,900	99,380	104,140	113,600
Wisconsin.....	10,590	10,900	11,200	220,580	279,470	260,960	231,170	230,370	272,150
Minnesota.....	6,110	5,730	6,520	104,940	127,140	128,820	111,050	132,870	135,340
Iowa.....	4,660	3,470	3,230	51,850	42,320	39,320	56,510	45,790	42,550
Missouri.....	18,880	13,700	12,000	15,210	11,300	9,920	34,090	25,000	21,920
South Dakota.....				580	1,120	300	580	1,120	300
Nebraska.....				3,740	1,980	3,080	3,740	1,980	3,080
Kansas.....	990	860	780	970	1,350	880	1,960	2,210	1,660
North Central.....	143,280	129,630	129,350	782,450	851,170	801,760	925,730	980,800	931,110
Delaware.....	8,870	7,470	6,790	32,590	34,350	34,350	41,460	41,820	41,140
Maryland.....	32,280	33,100	27,850	128,830	113,200	84,800	161,110	146,300	112,650
Virginia.....	28,250	21,070	18,450	45,610	38,000	29,410	73,860	69,070	47,860
West Virginia.....				900	400	300	900	400	300
North Carolina.....	46,740	49,130	47,600	8,170	8,800	8,200	54,910	57,930	55,800
South Carolina.....	64,560	61,750	49,000	5,510	6,400	5,200	70,070	68,150	54,200
Georgia.....	82,580	82,050	63,120	19,130	23,000	19,000	101,710	105,050	82,120
Florida.....	173,970	201,200	217,030	11,720	10,100	10,600	185,690	211,300	227,630
South Atlantic.....	437,250	455,770	429,840	252,460	234,250	191,860	689,710	690,020	621,700
Kentucky.....	1,570	1,000	800	5,400	5,100	4,400	6,970	6,100	5,200
Tennessee.....	9,680	8,450	7,600	16,500	14,940	11,760	26,180	23,390	19,360
Alabama.....	16,840	18,300	18,650	1,800	2,160	2,100	18,640	20,460	20,750
Mississippi.....	26,090	17,900	19,350	7,250	7,200	6,300	33,340	25,100	25,650
Arkansas.....	13,500	17,250	15,400	32,190	33,650	30,600	45,690	50,900	46,000
Louisiana.....	37,540	33,200	28,350	4,690	3,440	2,330	42,230	36,640	30,680
Oklahoma.....	16,310	15,000	16,600	14,300	13,580	9,500	30,610	28,580	26,100
Texas.....	292,370	321,700	319,100	32,780	30,300	35,500	325,150	352,000	354,600
South Central.....	413,900	432,800	425,850	114,910	110,370	102,490	528,810	543,170	528,340
Montana.....				3,680	3,900	2,350	3,680	3,900	2,350
Idaho.....	11,720	10,230	9,870	6,610	20,800	21,670	18,330	31,030	31,540
Wyoming.....				1,030	1,470	1,320	1,030	1,470	1,320
Colorado.....	48,930	46,550	45,200	12,770	13,040	12,780	61,700	59,590	54,480
New Mexico.....	4,110	4,150	5,040	920	700	460	5,030	4,850	9,000
Arizona.....	59,220	84,350	86,770	70	100	100	59,290	84,450	86,870
Utah.....	4,530	3,340	3,320	24,480	24,950	22,740	29,010	28,290	26,060
Nevada.....	450	550	400				450	550	400
Washington.....	18,620	19,680	19,220	52,760	78,340	72,130	71,380	98,020	91,350
Oregon.....	14,090	15,720	14,730	43,420	76,200	61,300	57,510	91,920	76,030
California.....	355,200	377,550	377,610	165,740	213,640	173,740	520,940	591,190	551,350
Western.....	516,890	562,120	562,160	311,480	433,140	368,590	828,370	995,260	930,750
United States.....	1,766,520	1,842,760	1,801,840	1,711,250	1,878,760	1,709,660	3,477,770	3,721,520	3,511,500

¹ Acreage for fresh market is acreage for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Acreage for processing is acreage harvested.

² Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

³ Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

⁴ Preliminary.

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TABLE 289.—Truck crops, commercial: Production, by States, average 1937-46, annual 1947 and 1948¹

State and division	For fresh market ²			For processing ³			Total		
	Average 1937-46	1947	1948 ⁴	Average 1937-46	1947	1948 ⁴	Average 1937-46	1947	1948 ⁴
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Maine.....				51,980	45,890	34,050	52,000	45,900	34,100
New Hampshire.....				1,660	1,670	850	1,600	1,700	800
Vermont.....				3,280	1,660	2,600	3,300	1,700	2,600
Massachusetts.....	21,800	13,400	10,200	2,410	3,020	1,680	24,200	16,400	11,900
Connecticut.....				1,230	590	980	1,200	600	1,000
New York.....	742,900	614,300	792,000	381,080	249,840	452,000	1,124,000	864,100	1,244,000
New Jersey.....	296,800	304,300	320,700	230,500	339,870	204,530	527,300	644,200	525,200
Pennsylvania.....	156,800	159,100	170,400	179,800	246,030	212,900	336,600	405,100	383,300
North Atlantic.....	1,218,300	1,091,100	1,293,300	851,940	888,570	909,590	2,070,200	1,979,700	2,202,900
Ohio.....	115,800	73,200	94,700	245,520	173,800	317,160	361,300	247,000	411,900
Indiana.....	102,400	102,000	99,600	566,650	491,850	611,800	669,000	593,800	711,400
Illinois.....	104,300	90,900	104,300	246,290	220,750	283,540	350,600	311,600	387,800
Michigan.....	282,100	275,300	336,600	118,590	103,650	170,980	400,700	379,000	507,600
Wisconsin.....	96,300	97,900	114,000	374,960	483,750	466,320	471,300	581,600	580,300
Minnesota.....	55,000	56,200	73,500	228,950	219,560	292,450	284,000	275,800	366,000
Iowa.....	25,700	19,600	21,900	129,620	55,600	115,830	155,300	75,200	137,700
Missouri.....	60,600	38,300	38,100	38,000	15,970	23,690	98,600	54,300	61,800
South Dakota.....				1,230	2,390	640	1,200	2,000	600
Nebraska.....				7,040	3,340	7,960	7,000	3,300	8,000
Kansas.....	3,400	4,700	4,400	1,100	650	900	4,500	5,400	5,300
North Central.....	845,600	758,100	887,100	1,957,950	1,771,310	2,291,270	2,803,500	2,529,400	3,178,400
Delaware.....	31,900	27,200	25,200	65,820	83,660	61,060	97,700	110,900	86,300
Maryland.....	101,200	113,300	93,500	352,180	360,440	232,880	453,400	473,700	329,400
Virginia.....	85,100	65,100	67,100	117,150	127,590	88,470	202,200	192,700	155,600
West Virginia.....				3,350	2,000	1,200	3,300	2,000	1,200
North Carolina.....	115,600	124,100	137,200	14,740	18,060	14,560	130,300	142,100	151,800
South Carolina.....	132,200	150,500	110,500	8,070	9,700	6,050	140,300	160,200	118,500
Georgia.....	229,100	265,100	199,700	22,010	25,380	24,660	251,100	290,500	224,300
Florida.....	610,800	663,500	862,600	23,570	18,880	20,720	634,400	682,400	883,300
South Atlantic.....	1,305,800	1,408,800	1,495,800	606,890	645,710	449,600	1,912,700	2,054,500	1,945,400
Kentucky.....	6,600	4,400	3,600	13,530	10,780	15,550	20,100	15,200	19,100
Tennessee.....	39,700	40,700	33,600	32,500	27,640	33,220	72,200	68,300	66,800
Alabama.....	50,600	49,400	49,800	2,500	3,740	4,590	53,100	53,100	54,400
Mississippi.....	75,500	43,200	53,200	8,640	9,600	9,540	84,100	52,800	62,700
Arkansas.....	32,600	37,200	36,900	62,350	46,140	51,460	95,000	83,400	88,400
Louisiana.....	81,200	76,200	60,000	5,150	3,760	1,860	86,400	80,000	61,900
Oklahoma.....	41,200	33,600	43,600	21,390	17,710	11,320	62,600	51,300	54,900
Texas.....	649,900	815,500	796,800	67,500	59,820	73,870	717,400	875,300	870,700
South Central.....	977,300	1,100,200	1,077,500	213,560	179,190	201,410	1,190,900	1,279,400	1,278,900
Montana.....				6,420	4,770	4,400	6,400	4,800	4,400
Idaho.....	77,200	72,900	70,400	17,160	46,220	61,300	94,400	119,100	131,700
Wyoming.....				1,870	2,110	1,810	1,900	2,100	1,800
Colorado.....	283,000	311,400	312,400	46,040	58,870	53,320	329,000	370,300	365,700
New Mexico.....	21,000	27,300	29,200	3,980	1,280	700	25,000	28,600	29,900
Arizona.....	307,100	508,000	519,200	290	410	460	307,400	508,400	519,600
Utah.....	37,100	47,900	41,800	95,010	116,480	111,680	132,100	164,400	153,500
Nevada.....	4,500	8,200	5,500				4,500	8,200	5,500
Washington.....	120,300	144,300	129,300	93,060	138,440	137,760	213,400	282,700	267,100
Oregon.....	115,100	145,000	128,500	92,470	154,740	144,000	207,600	299,700	272,500
California.....	1,904,300	2,342,100	2,347,600	833,610	1,554,620	1,091,200	2,737,900	3,896,700	3,438,800
Western.....	2,869,700	3,607,100	3,583,900	1,189,910	2,077,940	1,606,630	4,059,600	5,685,000	5,190,500
United States.....	7,216,600	7,965,300	8,337,600	4,820,250	5,562,720	5,468,500	12,036,900	13,528,000	13,796,100

¹ Production for fresh market includes some quantities not harvested because of low prices or other economic factors, and excluded in computing value.

² Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

³ Asparagus, lima beans (shelled basis), snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas (shelled basis), pimientos, spinach, and tomatoes.

⁴ Preliminary.

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TABLE 290.—Truck crops, commercial: Farm value, by States, average 1937-46, annual 1947 and 1948¹

State and division	For fresh market ²			For processing ³			Total		
	Average 1937-46	1947	1948 ⁴	Average 1937-46	1947	1948 ⁴	Average 1937-46	1947	1948 ⁴
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....				1,582	2,074	1,783	1,582	2,074	1,783
New Hampshire.....				34	53	28	34	53	28
Vermont.....				71	64	99	71	64	99
Massachusetts.....	1,053	1,426	838	102	164	109	1,155	1,590	947
Connecticut.....				37	39	51	37	39	51
New York.....	31,808	48,487	44,588	9,751	9,563	17,363	41,559	58,050	61,951
New Jersey.....	18,701	24,799	31,006	8,329	14,874	10,099	27,030	39,673	41,105
Pennsylvania.....	7,405	10,514	9,836	5,052	9,329	7,949	12,457	19,843	17,785
North Atlantic.....	68,968	85,226	86,268	24,958	36,160	37,481	83,926	121,386	123,749
Ohio.....	5,840	6,605	6,273	4,370	4,232	8,077	10,210	10,837	14,350
Indiana.....	3,633	6,291	4,167	10,717	12,514	16,269	14,350	18,805	20,436
Illinois.....	3,949	6,997	6,146	5,524	7,993	9,951	9,473	14,990	16,097
Michigan.....	12,938	23,888	17,943	4,196	5,601	8,315	17,134	29,489	26,258
Wisconsin.....	1,678	5,111	2,935	12,833	21,114	19,476	14,511	26,225	22,411
Minnesota.....	1,502	4,631	2,865	4,471	7,448	9,558	5,873	12,079	12,223
Iowa.....	1,740	1,329	970	2,063	1,342	2,912	2,803	2,671	3,882
Missouri.....	1,810	2,499	2,508	831	480	903	2,641	2,979	3,411
South Dakota.....				19	47	16	19	47	16
Nebraska.....				126	80	180	126	80	180
Kansas.....	199	420	290	53	39	45	252	459	335
North Central.....	32,290	57,771	43,897	45,203	60,890	75,702	77,493	118,661	119,599
Delaware.....	967	1,289	1,662	2,290	3,496	3,775	3,257	4,785	5,337
Maryland.....	4,473	7,361	8,003	9,246	11,173	9,366	13,719	18,534	17,369
Virginia.....	3,374	5,148	4,356	3,170	4,350	3,643	6,644	9,498	7,999
West Virginia.....				64	61	36	64	61	36
North Carolina.....	4,486	6,968	8,815	539	1,197	1,184	5,025	8,165	9,999
South Carolina.....	5,536	5,617	6,821	305	368	243	5,841	5,985	7,064
Georgia.....	6,299	8,077	9,327	940	1,503	1,931	7,239	9,580	11,258
Florida.....	50,767	70,806	79,341	1,330	1,312	1,265	52,097	72,118	80,606
South Atlantic.....	75,902	105,266	118,225	17,884	23,460	21,443	93,786	128,726	139,668
Kentucky.....	401	358	260	264	349	563	665	707	823
Tennessee.....	1,694	1,857	1,831	917	1,123	1,875	2,611	2,980	3,706
Alabama.....	2,094	2,952	3,477	64	143	238	2,158	3,095	3,715
Mississippi.....	2,454	4,128	3,064	271	600	754	2,725	4,728	3,818
Arkansas.....	1,383	2,248	2,520	2,537	2,070	3,059	3,920	4,318	5,579
Louisiana.....	4,238	4,596	5,367	214	275	127	4,452	4,871	5,494
Oklahoma.....	982	1,068	1,361	1,171	890	947	2,153	1,958	2,308
Texas.....	27,492	43,787	49,609	1,833	2,458	2,669	29,325	46,245	52,278
South Central.....	40,737	60,994	67,489	7,271	7,908	10,232	48,008	68,902	77,721
Montana.....				217	269	206	217	269	206
Idaho.....	2,120	2,979	1,758	504	2,289	2,263	2,624	5,268	4,021
Wyoming.....				66	91	124	66	91	124
Colorado.....	10,281	21,447	11,541	1,177	2,118	2,141	11,458	23,565	13,682
New Mexico.....	1,057	2,172	1,896	86	93	49	1,143	2,265	1,945
Arizona.....	19,858	39,689	49,270	14	22	25	19,872	39,711	49,295
Utah.....	1,287	4,445	2,094	2,670	4,120	3,349	3,957	8,565	5,443
Nevada.....	167	924	275				167	924	275
Washington.....	5,399	8,799	8,151	5,084	9,547	9,494	10,483	18,346	17,645
Oregon.....	4,724	9,530	5,547	4,990	11,352	10,981	9,714	20,882	16,528
California.....	123,541	224,825	203,150	24,071	54,204	40,865	147,612	279,029	244,015
Western.....	168,435	314,810	283,682	38,879	84,105	69,497	207,314	398,915	353,179
United States.....	376,332	624,067	599,561	134,195	212,523	214,355	510,527	836,590	813,916

¹ Value for fresh market is for the marketing season and should not be confused with calendar-year income.

² Artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, Honey Ball melons, Honey Dew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons.

³ Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, pimientos, spinach, and tomatoes.

⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 291.—*Artichokes, globe, commercial crop: Acreage, yield, production, season average price per box received by farmers, and value, California, 1929-48*

Year	Acreage for harvest	Yield per acre	Production	Price	Farm value ¹	Year	Acreage for harvest	Yield per acre	Production	Price	Farm value ¹
	<i>Acres</i>	<i>Boxes²</i>	<i>1,000 boxes²</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Boxes²</i>	<i>1,000 boxes²</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	8,900	111	988	2.36	2,332	1939	10,200	110	1,122	1.80	2,020
1930	8,150	124	1,011	2.10	2,123	1940	10,600	80	848	1.70	1,442
1931	7,500	109	818	1.70	1,391	1941	10,000	70	700	2.10	1,470
1932	6,330	90	570	2.10	1,197	1942	9,600	90	864	1.80	1,555
1933	6,350	117	743	1.24	921	1943	8,700	95	826	2.80	2,313
1934	8,350	127	1,060	1.00	1,060	1944	6,600	115	759	3.30	2,505
1935	9,000	113	1,017	1.70	1,729	1945	6,500	105	682	3.35	2,285
1936	9,100	95	864	2.00	1,728	1946	7,000	100	700	3.75	2,625
1937	10,100	80	808	1.60	1,293	1947	7,250	105	761	3.00	2,283
1938	9,700	90	873	2.15	1,877	1948 ³	7,450	110	820	3.50	2,870

¹ Value is for the marketing season and should not be confused with calendar-year income.

² Equivalent boxes (approximately 40 pounds).

³ Preliminary.

Bureau of Agricultural Economics. Data for 1925-28 in *Agricultural Statistics, 1942*, table 333.

TABLE 292.—*Asparagus, commercial crop: Acreage, yield, production, season average price per crate and per ton received by farmers, and value, United States, 1929-48*

Year	For fresh market ¹					For processing ²				
	Acreage for harvest	Yield per acre	Production	Price	Farm value ³	Acreage harvested	Yield per acre	Production	Price	Farm value ³
	<i>Acres</i>	<i>Crates⁴</i>	<i>1,000 crates⁴</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	50,320	64	3,221	2.81	9,067	42,540	1.57	66,790	82.00	5,477
1930	55,750	72	4,001	2.67	10,674	41,990	1.59	66,760	81.00	5,408
1931	65,710	67	4,378	2.18	9,533	37,400	1.17	43,760	75.00	3,282
1932	79,430	63	5,036	1.56	7,860	32,100	1.10	35,310	51.00	1,801
1933	69,640	67	4,634	1.38	6,382	48,790	1.11	54,160	46.00	2,491
1934	73,540	72	5,279	1.37	7,236	42,410	1.18	50,040	67.00	3,353
1935	64,550	70	4,489	1.56	6,994	48,500	1.17	56,740	76.00	4,312
1936	68,060	78	5,299	1.65	8,757	42,220	1.40	59,110	79.00	4,670 ⁵
1937	67,170	78	5,242	1.78	9,333	43,750	1.17	51,190	90.95	4,656
1938	68,330	74	5,067	1.77	8,970	47,510	.94	44,660	71.10	3,175
1939	60,010	73	4,391	1.70	7,449	64,990	1.03	66,990	76.80	5,145
1940	67,080	77	5,190	1.87	9,696	65,970	1.17	77,110	89.34	6,889
1941	70,670	75	5,267	2.10	11,066	63,260	1.14	72,330	100.73	7,286
1942	58,880	80	4,721	2.29	10,808	77,150	1.22	94,070	115.57	10,872
1943	61,110	80	4,908	3.29	16,167	72,540	1.21	87,530	144.32	12,632
1944	53,900	83	4,479	3.45	15,440	78,470	1.29	101,380	149.30	15,136
1945	43,680	83	3,645	4.19	15,287	83,330	1.23	102,340	163.19	16,701
1946	41,940	98	4,092	3.86	15,789	82,040	1.46	119,970	179.27	21,507
1947	47,190	92	4,350	3.75	16,298	74,610	1.34	100,100	134.70	13,483
1948 ⁵	42,760	87	3,721	3.55	13,217	80,870	1.14	91,800	153.86	14,124

¹ Includes quantities used for processing in States other than California from 1929 to 1938.

² California only from 1929 to 1938. Additional States included, beginning with 1939, so that the total is now 17 States.

³ Value is for the marketing season and should not be confused with calendar-year income.

⁴ Equivalent crates (approximately 30 pounds).

⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in *Agricultural Statistics, 1942*, table 334; production of fresh market crop in 24-pound crates.

TABLE 293.—Asparagus, commercial crop: Acreage, production, and season average price per crate and per ton received by farmers, by States, average 1939-46, annual 1947 and 1948

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1939-46	1947	1948 ¹	Average 1939-46	1947	1948 ¹	Average 1939-46	1947	1948 ¹
For fresh market:									
Early spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates ²</i>	<i>1,000 crates ²</i>	<i>1,000 crates ²</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	25,760	22,870	19,240	1,930	2,058	1,385	2.87	4.00	3.25
Arizona.....	140			8			3.37		
Oregon.....	560	500	400	50	36	30	2.59	3.75	3.05
Washington.....	33,290	2,700	2,000	478	405	320	2.16	2.40	2.50
Georgia.....	1,060			20			2.64		
South Carolina.....	6,760	1,500	1,000	214	45	30	2.95	3.40	3.00
Total or average ..	37,570	27,570	22,640	2,700	2,544	1,765	2.75	3.73	3.11
Late spring:									
Maryland.....	1,640	1,250	1,150	156	119	115	2.68	3.70	3.75
Delaware.....	650	450	800	57	38	68	2.44	3.55	3.75
New Jersey.....	9,960	11,000	11,500	1,112	1,144	1,254	2.86	3.55	3.70
Pennsylvania.....	2,170	2,240	1,960	187	157	157	3.56	4.10	4.45
Massachusetts.....	1,810	1,700	1,650	118	109	96	3.82	4.85	5.05
Michigan.....	980	700	800	87	63	72	3.06	3.75	4.55
Illinois.....	2,220	2,100	2,100	159	168	185	2.57	4.35	4.65
Iowa.....	160	180	160	10	8	9	2.64	3.75	4.00
Total or average ..	19,590	19,620	20,120	1,887	1,806	1,956	2.95	3.77	3.95
United States.....	57,160	47,190	42,760	4,587	4,350	3,721	2.84	3.75	3.55
For processing:				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
New Jersey.....	10,400	13,000	13,000	17,670	21,450	16,900	123.50	102.00	125.50
Illinois.....	5,430	6,000	6,600	6,480	9,000	9,200	133.70	160.00	144.50
Michigan.....	2,910	4,500	4,900	3,800	6,750	6,120	129.60	133.80	135.00
Iowa.....	660	750	660	640	940	920	113.20	135.00	136.90
Maryland.....	540	750	650	780	1,050	980	116.20	169.80	172.00
Delaware.....	910	1,350	1,000	1,190	1,690	1,300	106.20	155.60	160.00
Washington.....	5,050	6,400	7,500	7,550	8,960	12,000	123.00	144.80	160.00
Oregon.....	200	100	200	280	100	200	125.60	105.00	175.00
California.....	46,210	40,180	45,290	50,830	49,020	43,030	130.10	141.20	167.90
Other States ³	1,160	1,580	1,070	1,000	1,140	1,150	120.99	135.96	143.48
Total or average ..	73,470	74,610	80,870	90,220	100,100	91,800	127.32	134.70	153.86
Grand total.....	130,630	121,800	123,630	Tons 159,020	Tons 165,350	Tons 147,620	4 155.54	4 180.11	4 185.21

¹ Preliminary.

² Equivalent crates (approximately 30 pounds).

³ Indiana, Minnesota, New York, Ohio, Pennsylvania, South Carolina, Utah, and Wisconsin.

⁴ Derived price per ton.

Bureau of Agricultural Economics.

TABLE 294.—Beans, green lima, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For fresh market:									
Winter: Florida.....	Acres 2,150	Acres 1,200	Acres 1,500	1,000 bushels ² 3 125	1,000 bushels ² 102	1,000 bushels ² 3 128	Dollars 3.32	Dollars 4.50	Dollars 3.00
Spring:									
Florida.....	2,990	3,700	2,350	3 226	3 240	3 223	2.30	2.85	2.55
Georgia.....	2,120	1,400	1,200	114	84	66	1.72	2.95	3.20
South Carolina..	3,010	1,400	1,200	145	70	78	1.96	2.30	2.50
Total or average	8,120	6,500	4,750	485	394	367	2.05	2.77	2.66
Summer:									
North Carolina..	1,090	300	300	51	18	24	2.27	3.10	2.00
Virginia.....	150			6			1.39		
Maryland.....	1,340	1,300	1,100	97	104	82	1.96	1.75	3.55
New Jersey.....	3,230	2,400	2,600	243	240	208	2.10	2.10	2.95
New York.....	3,480	3,750	3,600	325	506	414	2.23	1.95	2.75
Total or average	9,280	7,750	7,600	722	868	728	2.11	1.99	2.87
Fall:									
Virginia.....	720	600	600	37	57	57	1.93	2.65	2.10
United States...	20,280	16,050	14,450	1,368	1,421	1,280	2.18	2.41	2.79
For processing:				Tons ⁴	Tons ⁴	Tons ⁴			
New York.....	750	1,000	1,400	350	850	860	83.40	144.90	162.20
New Jersey.....	12,300	16,700	14,200	6,450	11,770	8,730	112.10	146.10	164.40
Pennsylvania.....	1,550	4,200	3,700	750	2,250	2,440	98.40	133.00	142.70
Ohio.....	1,070	810	800	420	320	360	67.20	102.50	107.60
Michigan.....	2,580	2,300	2,600	1,300	520	910	73.80	130.80	124.70
Wisconsin.....	2,410	4,800	4,900	1,500	2,400	2,920	80.40	119.50	141.40
Delaware.....	11,460	13,900	16,200	6,640	9,730	10,770	77.00	117.30	136.00
Maryland.....	3,210	3,700	3,800	1,690	1,910	2,530	75.80	117.00	117.20
Virginia.....	5,040	3,000	3,400	2,680	1,280	2,570	73.70	101.50	101.70
Utah.....	930	100		630	70		88.40	105.00	
Washington.....	370	800	1,230	240	720	950	78.80	125.30	165.00
California.....	3,220	16,300	21,700	2,790	18,830	27,780	124.80	173.40	186.70
Other States ⁵	11,650	13,960	12,080	6,490	5,840	8,640	80.14	113.53	145.25
Total or average ..	56,540	81,570	86,010	31,930	56,490	69,460	89.58	142.49	159.93
Grand total.....	76,820	97,620	100,460	42,870	67,860	79,700	⁶ 136.78	⁶ 168.98	⁶ 183.44

¹ Preliminary.

² Approximately 32 pounds, in the shell.

³ Includes some quantities not harvested.

⁴ Shelled basis: 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

⁵ Arkansas, Colorado, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Louisiana, Minnesota, Mississippi, North Carolina, Oklahoma, Oregon, and Tennessee.

⁶ Derived price per ton on shelled basis.

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TABLE 295.—*Beans, green lima, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-48*

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Acreage harvested	Yield per acre	Production	Price	Farm value ²
	<i>Acres</i>	<i>Bushels³</i>	<i>1,000 bushels³</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds⁴</i>	<i>Tons⁴</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	6,650	77	510	1.79	913	24,570	1,018	12,510	85.29	1,067
1930	13,300	62	818	1.61	1,318	30,980	838	12,980	86.59	1,124
1931	13,880	69	951	1.59	1,515	28,760	1,065	15,310	77.14	1,181
1932	15,320	73	1,115	1.07	1,195	17,880	1,084	9,690	55.83	541
1933	14,950	51	756	1.07	807	16,430	1,079	8,860	56.66	502
1934	15,900	54	864	1.26	1,089	24,550	1,422	17,450	58.57	1,022
1935	14,000	65	910	1.42	1,291	27,460	1,141	15,660	61.88	966
1936	15,800	75	1,178	1.26	1,486	32,740	1,230	20,140	61.02	1,229
1937	17,950	56	998	1.92	1,921	43,400	1,070	23,220	66.06	1,534
1938	21,450	58	1,246	1.33	1,660	52,970	1,085	28,760	64.88	1,864
1939	23,100	70	1,627	1.30	2,110	49,440	1,205	29,790	64.22	1,913
1940	22,300	64	1,426	1.38	1,969	46,520	1,124	26,140	70.35	1,839
1941	25,050	61	1,531	1.51	2,312	62,650	1,216	38,090	71.25	2,714
1942	22,380	70	1,574	1.82	2,863	66,080	1,145	37,830	84.59	3,200
1943	19,150	63	1,206	2.69	3,240	60,810	900	27,360	104.93	2,871
1944	17,380	65	1,137	3.03	3,441	58,410	1,034	30,200	124.11	3,748
1945	16,750	83	1,391	3.65	5,027	57,800	1,153	33,330	118.93	3,964
1946	17,300	90	1,549	3.21	4,697	67,280	1,326	44,610	126.90	5,661
1947	16,050	89	1,421	2.41	3,401	81,570	1,385	56,490	142.49	8,049
1948 ⁵	14,450	89	1,280	2.79	3,456	86,010	1,615	69,460	159.93	11,109

¹ Includes the following quantities not harvested and excluded in computing value: 14,000 bushels in 1945, 87,000 in 1946, 11,000 in 1947, and 40,000 in 1948.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Approximately 32 pounds, in the shell.

⁴ Shelled basis. Two pounds of lima beans in the shell produce approximately one pound of shelled beans.

⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 336.

TABLE 296.—*Beans, snap, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-48*

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Acreage harvested	Yield per acre	Production	Price	Farm value ²
	<i>Acres</i>	<i>Bushels³</i>	<i>1,000 bushels³</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	110,630	93	10,246	1.57	16,036	65,040	1.42	92,300	62.73	5,790
1930	127,330	88	11,210	1.37	14,866	78,690	1.15	90,400	62.15	5,618
1931	127,490	93	11,856	1.20	14,018	52,710	1.30	68,700	52.98	3,640
1932	135,410	88	11,968	.95	10,857	40,770	1.40	48,900	37.97	1,667
1933	154,020	89	13,650	.85	11,007	40,770	1.48	60,200	38.59	2,323
1934	177,020	84	14,918	.90	12,758	45,100	1.47	66,100	41.41	2,737
1935	175,280	80	14,045	1.02	14,230	49,590	1.64	81,500	43.06	3,509
1936	177,750	75	13,316	1.16	15,436	50,180	1.52	76,500	44.46	3,401
1937	157,900	78	12,247	1.34	16,407	63,720	1.68	107,000	47.94	5,130
1938	182,276	90	16,423	.82	13,157	73,570	1.75	128,400	44.84	5,758
1939	172,570	94	16,289	1.00	16,314	52,910	1.78	94,100	42.27	3,978
1940	163,450	102	16,728	1.09	18,033	62,000	1.84	114,220	42.93	4,904
1941	167,510	88	14,738	1.50	22,110	87,800	1.64	144,320	53.40	7,707
1942	159,560	102	16,326	1.69	27,257	135,260	1.73	233,500	74.88	17,485
1943	193,250	96	18,539	2.25	41,618	161,370	1.63	262,300	93.69	24,574
1944	198,600	83	16,506	2.31	37,904	154,400	1.46	225,700	97.24	21,648
1945	180,180	97	17,442	2.59	42,797	131,010	1.69	221,500	104.23	23,087
1946	183,030	103	18,882	2.40	43,014	122,760	1.69	207,400	117.76	23,424
1947	182,080	97	17,614	2.20	24,243	102,380	1.65	169,300	104.03	17,612
1948 ⁵	173,960	101	17,534	2.48	40,860	94,500	1.89	178,900	120.84	21,618

¹ Includes the following quantities not harvested and excluded in computing value: 382,000 bushels in 1930, 192,000 in 1931, 742,000 in 1932, 686,000 in 1933, 740,000 in 1934, 159,000 in 1935, 374,000 in 1938, 42,000 in 1939, 113,000 in 1940, 163,000 in 1942, 76,000 in 1943, 98,000 in 1944; 900,000 in 1945, 944,000 in 1946, 2,015,000 in 1947, and 1,028,000 in 1948.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Approximately 30 pounds.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 333.

TABLE 297.—Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For fresh market:									
Winter: Florida.....	Acres 28,530	Acres 25,500	Acres 32,800	1,000 bushels ² 2,312	1,000 bushels ² 2,168	1,000 bushels ² 2,788	Dollars 2.25	Dollars 2.75	Dollars 2.60
Early spring:									
Texas.....	4,820	5,200	3,400	305	328	187	1.66	2.20	2.20
Florida.....	17,010	26,700	16,900	1,633	2,002	1,436	1.92	2.60	2.70
Total or average.....	21,830	31,900	20,300	1,938	2,330	1,623	1.86	2.53	2.64
Midspring:									
California.....	5,800	5,000	4,300	800	850	731	1.96	2.70	2.45
Louisiana.....	7,800	5,400	4,800	482	281	336	1.57	2.30	2.75
Mississippi.....	3,820	3,000	3,000	244	300	255	1.35	2.00	2.95
Alabama.....	1,450	1,600	1,600	100	112	80	1.44	2.15	3.20
Georgia.....	4,100	3,000	2,100	244	165	101	1.43	1.65	3.00
South Carolina.....	6,690	5,700	4,600	414	399	322	1.45	1.50	3.00
Total or average.....	29,660	23,700	20,400	2,285	2,107	1,825	1.63	2.22	2.74
Late spring:									
North Carolina.....	6,420	5,100	5,400	403	434	432	1.34	1.55	2.75
Arkansas.....	1,910	2,400	2,200	117	156	132	1.12	1.30	2.20
Tennessee.....	490			27			1.27		
Virginia.....	3,100	2,600	2,200	196	187	209	1.25	1.50	2.20
Total or average.....	11,920	10,100	9,800	744	777	773	1.27	1.48	2.51
Early summer:									
Maryland.....	4,140	4,600	4,000	326	437	300	1.50	1.75	2.60
Delaware.....	130	150	150	10	15	11	1.46	1.40	2.60
New Jersey.....	6,030	4,700	4,500	641	517	495	1.43	1.85	2.30
New York.....	2,240	2,600	2,400	347	455	384	1.83	1.55	2.65
Pennsylvania.....	3,370	3,700	3,200	522	629	576	1.54	1.75	2.50
Illinois.....	2,620	2,000	1,700	226	160	136	1.62	2.35	2.60
Total or average.....	18,080	17,750	15,950	2,003	2,213	1,902	1.52	1.79	2.50
Late summer:									
Alabama.....	2,250	2,200	2,100	167	132	158	1.87	2.60	3.15
Georgia.....	2,120	2,000	2,000	200	208	204	1.36	1.60	2.65
North Carolina.....	5,180	7,680	5,400	499	922	594	1.24	1.30	2.60
Virginia.....	1,030	700	500	81	77	41	1.11	1.15	2.40
New York.....	10,110	13,600	12,000	1,458	2,312	1,820	1.64	1.75	2.50
Michigan.....	2,680	3,600	3,200	225	285	304	1.72	2.85	2.65
Colorado.....	1,740	800	800	259	104	120	1.36	2.40	2.30
Tennessee.....	1,330	1,150	900	153	168	76	1.26	1.15	2.55
Total or average.....	25,150	31,730	26,900	2,931	4,211	3,417	1.49	1.74	2.56
Early fall:									
New Jersey.....	4,290	3,700	3,900	379	278	351	1.30	2.15	1.80
Maryland.....	1,080	1,100	1,200	76	88	90	1.36	2.20	1.95
Virginia.....	4,600	4,800	3,900	342	600	615	1.32	2.70	1.55
North Carolina.....	920	900	1,000	54	36	50	1.15	1.40	1.75
South Carolina.....	2,730	3,500	4,000	217	158	240	1.54	2.00	2.15
Mississippi.....	1,110	1,700	2,000	63	60	150	1.54	2.95	2.20
Louisiana.....	3,210	2,400	2,300	218	150	173	1.73	2.40	2.30
California.....	3,700	3,400	4,000	689	731	800	1.96	2.75	2.60
Total or average.....	21,630	21,500	22,300	2,029	2,071	2,346	1.58	2.54	2.14
Late fall:									
Florida.....	16,750	17,900	23,000	2,054	1,611	2,760	1.92	2.55	2.20
Texas.....	2,270	2,000	2,500	117	126	100	1.57	2.15	2.40
Total or average.....	19,020	19,900	25,500	2,170	1,737	2,860	1.90	2.52	2.21
United States.....	175,830	182,080	173,950	16,412	17,614	17,634	1.70	2.20	2.48

See footnotes at end of table.

TABLE 297.—Beans, snap, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948—Continued

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For processing:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	2,140	2,250	2,450	4,980	5,600	5,400	65.20	98.00	98.00
New York.....	12,730	19,000	21,900	21,790	26,600	35,000	82.10	108.10	136.70
New Jersey.....	2,360	1,600	2,000	3,070	3,500	2,400	82.60	110.50	167.00
Pennsylvania.....	3,670	4,000	2,600	5,920	9,200	4,900	64.90	96.80	103.10
Indiana.....	1,390	100	300	1,290	100	400	62.30	90.00	91.80
Michigan.....	6,670	6,800	5,300	8,680	4,100	6,900	66.10	108.30	110.30
Wisconsin.....	9,530	10,600	9,600	13,600	10,600	13,400	68.00	104.80	122.50
Missouri.....	980	800	800	1,220	800	1,200	67.70	80.00	120.00
Delaware.....	1,410	1,400	1,500	1,640	1,500	2,100	68.80	80.00	97.40
Maryland.....	11,610	7,900	6,700	16,830	11,100	8,700	71.40	83.10	104.00
Virginia.....	2,680	2,100	1,800	3,590	2,700	2,700	66.00	91.60	107.00
North Carolina.....	1,670	1,200	1,100	1,960	1,600	1,500	63.90	88.00	164.50
South Carolina.....	2,180	1,000	700	1,970	1,000	760	53.00	70.00	80.00
Georgia.....	2,090	1,000	200	1,910	1,200	300	58.40	85.00	150.00
Florida.....	8,100	6,800	6,660	12,640	9,000	9,800	66.40	102.40	98.00
Tennessee.....	3,890	4,300	3,700	5,480	6,000	6,300	63.30	91.00	165.00
Mississippi.....	2,210	1,700	1,600	2,070	2,600	2,200	59.10	100.00	134.00
Arkansas.....	8,240	6,600	4,800	11,160	5,900	7,200	74.30	77.50	139.80
Louisiana.....	2,980	1,850	1,400	2,500	1,100	800	58.20	80.00	80.00
Oklahoma.....	3,360	3,000	2,200	3,770	2,100	3,100	70.60	94.00	156.20
Texas.....	4,730	7,500	6,500	7,270	9,000	7,800	60.90	72.50	80.00
Colorado.....	1,190	1,200	1,400	3,370	3,400	4,300	58.00	96.30	94.90
Utah.....	820	350	300	2,800	900	900	66.70	103.30	92.30
Washington.....	1,570	2,000	2,500	6,500	9,600	10,000	74.20	123.70	118.20
Oregon.....	3,460	4,700	4,900	20,180	32,900	34,800	80.80	128.40	123.30
California.....	930	950	850	4,560	4,800	4,800	77.20	103.70	104.50
Other States ⁴	1,890	1,680	800	3,090	2,400	1,300	62.90	95.00	98.46
Total or average.....	104,480	102,380	94,500	173,840	169,300	178,900	71.92	104.03	120.84
Grand total.....	280,310	284,460	268,450	420,020	433,500	441,900	7100.16	7128.58	7146.46

¹ Preliminary. ² Approximately 30 pounds. ³ Includes some quantities not harvested.

⁴ Average 1939-46. ⁵ Average 1938-46.

⁶ Alabama, Idaho, Illinois, Iowa, Kentucky, Massachusetts, Montana, Nebraska, New Mexico, Ohio, Vermont, and Wyoming. ⁷ Derived price per ton.

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TABLE 298.—Beets, commercial crop: Acreage yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-48

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Acreage harvested	Yield per acre	Production	Price	Farm value ³
	<i>Acres</i>	<i>Bushels³</i>	<i>bushels³</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	9,810	210	2,058	0.64	1,307	6,920	5.20	36,000	17.39	626
1930.....	10,700	206	2,206	.60	1,331	10,720	5.21	55,900	15.40	861
1931.....	11,360	204	2,323	.41	864	4,750	6.34	30,100	11.76	354
1932.....	11,710	167	1,960	.40	789	2,970	7.27	21,600	8.56	185
1933.....	10,960	176	1,924	.43	921	4,040	6.14	24,800	9.72	241
1934.....	13,150	191	2,506	.46	1,142	6,820	5.88	40,100	10.47	420
1935.....	11,410	171	1,950	.56	1,098	8,210	5.80	47,600	10.21	486
1936.....	12,090	178	2,153	.46	933	8,350	5.64	47,100	12.42	585
1937.....	10,630	187	1,988	.52	1,036	12,150	5.15	62,600	11.80	738
1938.....	10,920	193	2,105	.39	809	11,080	6.39	70,800	9.79	693
1939.....	11,690	182	2,131	.43	907	8,320	5.37	44,700	12.66	566
1940.....	12,100	185	2,240	.48	1,072	12,400	5.70	70,700	12.22	864
1941.....	12,270	172	2,108	.43	914	17,790	7.48	133,000	13.11	1,743
1942.....	11,380	187	2,128	.62	1,330	16,730	7.88	131,900	15.17	2,001
1943.....	12,300	179	2,203	1.21	2,668	18,100	7.70	139,400	20.76	2,894
1944.....	13,640	182	2,482	.77	1,903	18,480	9.18	169,600	20.64	3,500
1945.....	11,600	186	2,136	.85	1,809	18,400	10.15	186,700	19.81	3,698
1946.....	12,030	187	2,249	.81	1,711	16,510	8.56	141,380	18.58	2,627
1947.....	9,970	195	1,942	.82	1,593	10,270	7.26	74,600	19.73	1,472
1948 ⁴	10,450	189	1,972	1.06	2,100	12,990	7.50	97,400	23.08	2,248

See footnotes on page 246.

TABLE 299.—*Beets, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948*

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels</i> ²	<i>1,000 bushels</i> ²	<i>1,000 bushels</i> ²	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
For fresh market:									
Winter: Texas.....	7,350	6,300	7,100	³ 1,050	976	1,065	0.36	0.65	0.65
Spring:									
Louisiana.....	880	500	400	111	48	36	.78	1.00	1.30
Mississippi.....	20			2			.42		
South Carolina.....	320	450	300	79	94	63	1.41	1.30	2.25
North Carolina.....	220	250	250	³ 49	³ 41	42	1.21	1.70	2.25
Virginia.....	320	170	100	90	62	45	.88	1.25	2.65
Total or average.....	1,770	1,370	1,050	332	245	186	1.07	1.29	2.16
Summer:									
New Jersey.....	1,690	1,300	1,300	396	351	351	1.00	.85	1.60
Pennsylvania.....	1,040	1,000	1,000	399	370	370	.82	.95	1.20
Total or average.....	2,730	2,300	2,300	795	721	721	.91	.90	1.40
United States.....	11,850	9,970	10,450	2,177	1,942	1,972	.65	.82	1.06
For processing:				<i>Tons</i>	<i>Tons</i>	<i>Tons</i>			
New York.....	4,580	2,300	2,900	39,220	14,300	29,600	16.40	24.60	29.40
New Jersey.....	610	350	600	5,300	2,500	3,900	16.10	25.00	25.50
Indiana.....	240	100	100	1,010	500	400	15.50	20.00	21.00
Michigan.....	1,040	670	900	6,910	4,500	4,700	14.60	17.10	21.00
Wisconsin.....	4,410	4,000	5,900	34,680	34,800	41,300	13.50	17.10	18.90
Oregon.....	1,350	1,100	1,100	13,610	9,400	10,000	18.00	22.00	25.10
Other States ⁴	2,770	1,750	1,490	14,350	8,600	7,500	15.47	19.65	18.67
Total or average.....	15,000	10,270	12,990	115,080	74,600	97,400	15.45	19.73	23.08
Grand total.....	26,850	20,240	23,440	<i>Tons</i> 171,680	<i>Tons</i> 125,100	<i>Tons</i> 148,700	⁵ 19.55	⁵ 24.52	⁵ 29.24

¹ Preliminary.

² Equivalent bushels of beets without tops (approximately 52 pounds).

³ Includes some quantities not harvested.

⁴ California, Colorado, Georgia, Illinois, Iowa, Louisiana, Maine, Maryland, Minnesota, Mississippi, Missouri, Nebraska, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Texas, Utah, Virginia, and Washington.

⁵ Derived price per ton.

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FOOTNOTES FOR TABLE 298:

¹ Includes the following quantities not harvested and excluded in computing value: 200,000 bushels in 1931, 5,000 in 1935, 126,000 in 1936, 30,000 in 1938, 146,000 in 1946 and 5,000 in 1947.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Equivalent bushels of beets without tops (approximately 52 pounds).

⁴ Preliminary.

Bureau of Agricultural Economics. Data 1923-28 in Agricultural Statistics, 1942, table 341.

TABLE 300.—Cabbage, commercial crop: Stocks, acreage, yield, production, season average price per ton received by farmers, and value, United States, 1929-48

Year	Stocks, Jan. 1 ²	For fresh market ¹					For sauerkraut				
		Acreage for harvest	Yield per acre	Production ³	Price	Farm value ⁴	Acre- age har- vested	Yield per acre	Production	Price	Farm value ⁴
	Tons	Acres	Tons	Tons	Dol- lars	1,000 dollars	Acres	Tons	Tons	Dol- lars	1,000 dollars
1929.....	61,940	136,790	7.19	983,400	20.20	19,863	20,530	8.43	173,000	10.22	1,768
1930.....	55,040	132,690	6.48	860,300	21.35	18,370	28,100	7.61	213,800	7.74	1,654
1931.....	55,570	148,360	6.62	982,500	11.34	10,780	19,210	7.11	136,500	6.03	823
1932.....	60,050	144,700	6.87	994,700	12.59	12,113	16,160	9.40	151,900	4.11	625
1933.....	85,150	136,110	5.80	788,900	21.03	16,453	16,440	5.80	95,400	11.21	1,069
1934.....	34,790	204,310	6.52	1,332,600	10.35	12,636	25,710	8.39	215,700	6.35	1,369
1935.....	82,200	152,580	6.67	1,017,000	13.99	14,162	16,500	8.17	134,800	5.17	697
1936.....	78,600	165,090	5.97	986,300	19.57	18,282	18,980	6.06	115,100	13.17	1,516
1937.....	45,810	160,060	6.19	991,300	15.00	14,546	24,840	5.99	148,900	9.68	1,442
1938.....	30,460	158,720	7.73	1,227,100	9.26	10,850	17,740	11.01	195,400	5.29	1,033
1939.....	78,020	152,880	6.26	957,100	16.25	14,856	19,710	7.44	146,600	7.59	1,113
1940.....	41,120	160,800	6.86	1,102,600	12.32	13,555	20,720	8.94	185,200	5.43	1,006
1941.....	60,030	139,940	6.70	937,700	21.24	19,831	23,480	8.99	211,000	9.70	2,047
1942.....	60,210	170,410	7.31	1,245,600	17.83	20,423	15,000	10.75	161,300	7.96	1,284
1943.....	58,060	166,040	6.15	1,021,700	48.59	49,351	13,860	7.75	107,400	21.89	2,351
1944.....	25,740	219,700	6.33	1,390,800	32.66	41,922	16,720	7.05	117,900	14.83	1,749
1945.....	22,690	192,080	8.03	1,541,700	28.30	41,468	22,730	10.26	233,300	13.31	3,105
1946.....	48,200	177,500	7.81	1,386,000	29.47	39,156	24,450	11.01	269,200	13.14	3,538
1947.....	113,900	162,060	7.05	1,142,300	42.67	47,869	9,810	7.37	72,300	17.22	1,245
1948 ⁵	6,300	179,500	7.43	1,334,100	30.27	38,806	19,270	10.48	201,900	15.10	3,048

¹ Includes production used for dehydration.² In the hands of growers and local dealers, from crop of preceding year.³ Includes the following quantities not harvested and excluded in computing value: 31,600 tons in 1931, 32,800 in 1932, 6,500 in 1933, 111,800 in 1934, 4,900 in 1935, 52,000 in 1936, 21,800 in 1937, 55,200 in 1938, 42,800 in 1939, 2,000 in 1940, 4,000 in 1941, 100,200 in 1942, 6,100 in 1943, 107,200 in 1944, 76,200 in 1945, 57,400 in 1946, 20,400 in 1947, and 52,000 in 1948.⁴ Value is for the marketing season and should not be confused with calendar-year income.⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 343.

TABLE 301.—Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, by States, average 1937-46, annual 1947 and 1948

Utilization, group, and State	Acreage			Production ¹			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
For fresh market:									
Winter:									
California.....	<i>Acres</i> 11,890	<i>Acres</i> 9,500	<i>Acres</i> 9,400	<i>Tons</i> 99,000	<i>Tons</i> 76,000	<i>Tons</i> 95,900	<i>Dollars</i> 23.07	<i>Dollars</i> 40.50	<i>Dollars</i> 37.00
Arizona.....	930	900	1,500	9,900	9,400	² 16,500	36.02	51.80	64.40
Texas.....	31,040	29,000	41,000	² 140,900	179,800	205,000	19.80	20.90	22.70
Florida.....	13,530	12,200	16,700	² 95,800	² 100,000	² 145,300	32.31	34.70	52.50
Total or average.....	57,390	51,600	68,600	345,600	365,200	462,700	24.90	29.25	35.56
Early spring:									
Louisiana.....	5,520	8,000	5,000	² 22,500	36,000	20,000	28.21	19.80	45.20
Mississippi.....	7,290	5,100	6,000	² 35,400	21,400	² 29,400	26.15	92.50	20.60
Alabama.....	1,380	1,600	1,300	7,400	5,600	6,500	38.03	42.50	51.40
Georgia, south.....	3,710	5,600	6,200	19,500	25,200	² 27,900	32.97	43.30	48.20
South Carolina.....	1,800	1,200	1,600	² 12,700	6,000	10,400	35.15	58.40	37.20
Total or average.....	19,700	21,500	20,100	97,400	94,200	94,200	29.38	46.41	38.22
Late spring:									
North Carolina.....	1,600	1,700	2,000	² 8,000	7,600	² 12,000	30.87	83.20	35.30
Virginia.....	2,100	1,500	1,500	² 11,600	5,400	11,200	31.15	66.00	32.50
Maryland.....	1,470	1,500	1,200	7,300	7,500	6,000	30.61	45.00	28.50
Tennessee.....	2,860	3,200	3,200	² 19,400	22,400	17,600	26.25	42.20	24.60
Kentucky.....	280	300	300	² 1,900	2,000	1,600	37.40	47.00	55.00
Ohio, southeast.....	470	580	550	4,400	5,200	4,400	36.48	46.50	52.00
Missouri.....	1,140	1,100	1,000	6,300	4,400	4,500	25.95	35.00	40.00
Washington.....	490	620	650	² 2,600	3,700	3,600	35.21	60.00	45.00
Total or average.....	10,410	10,500	10,400	61,300	58,200	60,900	29.56	51.25	33.61
Early summer:									
New Jersey.....	4,140	4,500	4,700	25,500	29,200	29,600	29.58	48.20	41.60
New York, Long Island.....	1,100	1,100	1,000	10,500	9,900	² 11,000	28.14	37.20	35.40
Georgia.....	700	850	1,000	3,200	4,100	5,000	28.71	61.70	42.10
Indiana.....	480	400	500	3,400	2,800	3,000	28.28	51.00	47.50
Illinois.....	3,170	3,000	2,800	20,600	18,000	22,400	21.39	60.00	41.50
Iowa.....	1,120	1,000	900	8,300	7,500	7,600	21.88	50.00	40.00
Total or average.....	10,720	10,850	10,900	71,600	71,500	78,600	25.77	50.71	40.88
Late summer:									
Colorado.....	1,560	1,800	1,700	² 16,400	21,600	² 18,700	17.64	40.80	17.60
Utah.....	480	360	450	6,600	5,000	² 5,800	18.29	45.00	15.00
New Mexico.....	840	400	280	5,300	2,000	1,400	24.65	80.00	60.00
Minnesota.....	870	350	270	6,900	2,400	2,300	20.49	66.00	29.20
Ohio.....	2,100	1,100	1,100	16,000	8,200	9,400	33.55	61.00	33.50
Pennsylvania.....	5,200	5,800	5,700	41,100	46,400	² 54,200	27.49	45.30	27.40
Virginia, southwest.....	3,010	1,700	1,300	² 18,300	12,900	² 10,000	20.77	53.80	31.80
North Carolina.....	4,190	3,600	3,800	25,900	27,000	28,500	23.00	41.70	33.00
Total or average.....	18,240	15,110	14,600	136,400	125,500	130,300	24.01	45.93	29.09
Early fall (domestic):									
New York, Long Island.....	1,000	900	1,000	10,200	9,400	² 9,000	23.7	53.40	35.00
New York, other.....	4,110	4,550	3,300	² 43,500	39,100	36,300	15.48	37.50	21.40
New Jersey.....	2,190	2,300	2,400	11,700	13,100	13,700	25.04	50.00	36.80
Michigan.....	3,110	4,200	4,400	24,400	35,700	37,400	33.62	72.70	32.00
Wisconsin.....	5,540	5,300	5,500	51,600	45,000	52,200	13.51	29.80	18.00
Washington.....	1,100	1,550	1,550	6,800	10,800	9,300	32.38	45.00	44.00
Total or average.....	17,050	18,800	18,150	148,200	153,100	157,900	20.14	46.02	26.18

See footnotes at end of table.

TABLE 301.—Cabbage, commercial crop: Acreage, production, and season average price per ton received by farmers, by States, average 1937-46, annual 1947 and 1948—Continued

Utilization, group, and State	Acreage			Production ¹			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
For fresh market— Continued:									
Early fall (Danish):	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	18,300	14,400	15,000	³ 170,900	108,000	157,500	18.90	54.70	17.00
Pennsylvania.....	2,810	2,700	3,000	23,600	21,600	27,000	22.12	44.00	21.50
Ohio.....	950	800	950	6,700	6,000	9,000	32.47	58.00	36.90
Indiana.....	340	300	300	2,500	2,400	2,100	24.89	48.70	46.00
Michigan.....	1,280	2,000	2,100	10,600	14,000	16,800	30.41	80.00	31.00
Wisconsin.....	3,460	3,600	3,800	³ 29,200	29,800	38,000	15.49	49.00	20.00
Minnesota.....	1,280	1,400	1,700	9,900	11,200	³ 15,300	19.00	42.40	28.00
Colorado.....	3,260	3,300	3,600	³ 38,000	49,600	³ 42,000	15.72	30.00	13.50
Total or average.....	31,670	28,400	30,350	291,500	242,500	307,700	18.76	48.92	19.46
Late fall:									
Oregon.....	1,430	1,700	2,200	³ 10,200	12,800	15,400	29.12	37.60	26.00
Virginia.....	190	100	200	1,100	600	1,200	30.54	75.00	32.50
North Carolina.....	1,610	2,300	2,600	7,700	8,000	16,200	27.31	80.00	29.30
South Carolina.....	1,400	1,200	1,500	9,100	10,800	9,000	33.27	90.00	35.60
Total or average.....	4,620	5,300	6,400	28,100	32,100	41,800	29.52	66.39	29.52
United States.....	169,810	162,060	179,500	1,180,200	1,142,300	1,334,100	23.09	42.67	30.27
For sauerkraut:									
New York.....	7,080	3,800	8,200	74,760	27,400	94,300	10.50	19.30	16.00
Ohio.....	2,060	900	1,400	17,030	4,000	18,800	10.10	15.50	12.80
Indiana.....	1,360	100	1,500	8,650	600	9,000	12.40	16.00	22.00
Illinois.....	410	200	290	2,890	1,200	1,600	13.10	19.00	15.30
Michigan.....	810	270	600	6,110	1,800	6,900	10.30	16.80	14.90
Wisconsin.....	5,130	2,700	4,500	42,700	20,000	41,400	10.80	12.90	12.60
Minnesota.....	210	140	180	1,660	800	1,500	9.20	12.30	13.20
Colorado.....	260	70	300	2,720	800	3,300	11.30	17.90	14.20
Washington.....	330	240	200	3,550	2,600	3,400	11.70	13.80	15.10
Other States ⁴	2,270	1,390	2,190	17,550	13,100	21,700	13.45	20.84	15.35
Total or average.....	19,920	9,810	19,270	177,620	72,300	201,900	10.88	17.22	15.10
Grand total.....	189,730	171,870	198,770	1,357,800	1,214,600	1,536,000	⁵ 21.52	⁵ 41.13	⁵ 28.20

¹ Fresh market crop includes production used for dehydration.

² Preliminary.

³ Includes some quantities not harvested.

⁴ Florida, Iowa, Maryland, Missouri, New Jersey, North Carolina, Oregon, Pennsylvania, Tennessee, Texas, Utah, and Virginia.

⁵ Derived price per ton.

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TABLE 302.—Cantaloups and other muskmelons,¹ commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1937-46, annual 1947 and 1948

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates³</i>	<i>1,000 crates³</i>	<i>1,000 crates³</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Arizona ⁴.....	.....	9,000	12,600	.....	963	1,310	.....	4.00	3.00
California ⁵	17,600	23,230	16,800	⁶ 2,095	2,207	1,680	3.11	4.20	4.65
Florida.....	520	800	1,200	⁶ 28	64	78	2.80	2.25	4.00
Total or average....	18,130	33,030	30,600	2,123	3,234	3,068	3.10	4.10	3.87
Early summer:									
Arizona ⁴	11,050	10,800	12,100	⁶ 1,185	1,512	1,537	2.48	2.95	3.00
Nevada.....	110	.....	.....	11	.....	.....	1.08	.....	.....
Georgia.....	6,070	4,300	3,200	⁶ 264	322	240	1.75	1.50	2.75
South Carolina.....	3,800	4,000	3,000	192	160	150	1.33	1.15	2.30
Total or average....	21,030	19,100	18,300	1,652	1,994	1,927	2.22	2.57	2.91
Midsummer:									
California ⁵	13,430	31,100	31,900	2,198	3,888	3,828	2.24	3.50	2.80
Washington.....	1,580	2,000	1,750	⁶ 264	⁶ 368	⁶ 254	1.50	2.00	2.20
New Mexico.....	990	1,150	1,060	83	108	95	2.00	2.45	1.85
Texas.....	5,280	5,400	4,600	273	324	299	2.18	3.65	3.65
Oklahoma.....	1,850	2,000	1,800	114	120	90	1.27	1.20	1.45
Arkansas.....	1,820	2,000	1,800	98	110	117	1.18	1.50	1.20
North Carolina.....	5,330	5,100	4,800	326	255	240	1.45	1.75	2.45
Maryland.....	6,240	6,300	4,400	⁶ 519	378	352	1.58	2.35	2.40
Delaware.....	3,250	2,600	2,100	⁶ 277	166	168	1.54	2.35	2.50
Indiana.....	6,320	6,100	4,800	⁶ 435	390	360	1.96	2.25	1.85
Illinois.....	1,560	1,400	1,500	102	77	75	1.59	2.80	1.95
Iowa.....	720	480	420	55	24	36	1.81	2.35	2.00
Total or average....	48,380	65,630	60,930	4,745	6,198	5,914	1.93	3.06	2.63
Late summer:									
Oregon.....	760	500	300	109	90	36	1.77	2.30	2.25
Utah.....	720	280	350	73	48	⁶ 77	1.52	2.95	2.20
Colorado.....	4,160	4,000	4,100	410	460	⁶ 410	1.55	1.95	1.40
Kansas.....	690	400	280	52	55	35	1.90	2.80	2.25
Michigan.....	4,040	2,700	3,000	⁶ 358	189	300	2.59	4.55	3.40
Ohio.....	2,660	1,260	1,200	188	54	72	2.14	3.85	2.10
New Jersey.....	2,790	1,800	1,800	204	131	117	1.70	2.60	2.25
New York.....	1,990	1,200	1,500	141	88	112	3.27	5.30	4.75
Total or average....	17,820	12,140	12,530	1,536	1,115	1,150	2.05	2.94	2.61
United States.....	105,360	129,900	122,360	10,057	12,541	12,068	2.23	3.24	2.99

¹ Includes Casaba and Persian melons, but not Honey Balls or Honey Dews. (See tables 319-322 on these last-mentioned crops.)

² Preliminary.

³ Equivalent jumbo crates (approximately 70 pounds).

⁴ Spring crop included with early summer crop prior to 1947.

⁵ Riverside County included in mid-summer group prior to 1947; in spring crop thereafter.

⁶ Includes some quantities not harvested.

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TABLE 303.—Cantaloups and other muskmelons,¹ commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-48

Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value	Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value
	<i>Acres</i>	<i>Crates³</i>	<i>1,000 crates³</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates³</i>	<i>1,000 crates³</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	95,060	124	11,828	1.73	20,421	1939.....	118,610	84	10,014	1.17	11,682
1930.....	111,170	98	10,913	1.59	17,370	1940.....	110,210	89	9,802	1.24	12,087
1931.....	121,670	102	12,353	1.13	13,545	1941.....	111,490	89	9,963	1.44	14,026
1932.....	118,020	99	11,711	.96	9,626	1942.....	93,850	87	8,239	2.42	19,886
1933.....	97,200	93	8,993	.94	8,027	1943.....	70,760	113	7,981	4.35	34,700
1934.....	92,190	97	8,910	1.20	10,688	1944.....	94,640	102	9,694	3.05	29,471
1935.....	101,400	94	9,535	1.04	9,629	1945.....	108,640	95	10,295	2.99	30,646
1936.....	101,340	94	9,553	1.19	10,986	1946.....	131,850	105	13,828	3.10	42,608
1937.....	104,020	98	10,226	1.32	13,549	1947.....	129,900	97	12,541	3.24	40,539
1938.....	109,490	96	10,525	1.21	11,155	1948 ⁴	122,360	99	12,068	2.99	35,612

¹ Includes Casaba and Persian melons, but not Honey Balls or Honey Dews. (See tables 319-322 on these last-mentioned melons.)

² Includes the following quantities not harvested and excluded in computing value: 380,000 crates in 1931, 1,650,000 in 1932, 416,000 in 1933, 300,000 in 1935, 355,000 in 1936, 1,281,000 in 1938, 89,000 in 1940, 171,000 in 1941, 21,000 in 1942, 12,000 in 1944, 43,000 in 1945, 66,000 in 1946, 40,000 in 1947, and 171,000 in 1948.

³ Equivalent jumbo crates (approximately 70 pounds).

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 346, where Honey Ball and Honey Dew melons are included and production is in standard crates containing approximately 60 pounds.

TABLE 304.—Carrots, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-48¹

Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³	Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³
	<i>Acres</i>	<i>Bu.⁴</i>	<i>1,000 bu.⁴</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.⁴</i>	<i>1,000 bu.⁴</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	32,770	344	11,273	0.68	7,521	1939.....	51,140	319	16,313	0.68	11,146
1930.....	34,820	339	11,821	.68	7,991	1940.....	54,770	309	16,909	.73	12,294
1931.....	34,040	332	11,290	.60	6,151	1941.....	56,110	325	18,254	.79	14,351
1932.....	35,650	306	10,904	.65	6,876	1942.....	60,780	333	20,216	1.21	24,445
1933.....	37,420	285	10,666	.59	6,298	1943.....	87,590	342	29,944	1.29	38,289
1934.....	40,960	310	12,705	.62	7,872	1944.....	79,330	338	26,833	1.27	33,907
1935.....	39,800	321	12,782	.68	8,687	1945.....	87,160	356	31,043	1.28	39,708
1936.....	45,090	306	13,812	.63	8,721	1946.....	80,620	328	26,480	1.35	34,845
1937.....	46,810	317	14,822	.69	10,212	1947.....	70,350	327	23,029	1.70	38,266
1938.....	50,980	318	16,214	.59	9,584	1948 ⁴	75,400	347	26,128	1.8	48,611

¹ Includes quantities used for processing and for dehydration.

² Includes the following quantities not harvested and excluded in computing value: 235,000 bushels in 1929, 1,056,000 in 1931, 265,000 in 1932, 7,000 in 1935, 5,000 in 1936, 81,000 in 1938; 216,000 in 1943, 63,000 in 1944, 90,000 in 1945, 583,000 in 1946, 465,000 in 1947, and 220,000 in 1948.

³ Value is for the marketing season and should not be confused with calendar-year income.

⁴ Equivalent bushels of carrots without tops (approximately 50 pounds).

⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1923-28 in Agricultural Statistics, 1942, table 349.

TABLE 305.—Carrots, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948 ¹

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels ³</i>	<i>1,000 bushels ³</i>	<i>1,000 bushels ³</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
California.....	8,660	10,200	8,900	3,156	3,978	3,872	1.22	1.60	3.60
Arizona.....	1,790	4,700	3,800	538	1,269	1,083	1.47	1.95	3.65
Texas.....	13,850	16,590	17,800	2,367	2,970	3,293	.42	.70	.95
Louisiana.....	1,820	1,250	1,150	224	131	121	.84	1.45	1.70
Florida.....	4820	500	400	4235	80	70	4.85	1.25	3.00
Total or average...	26,380	33,150	32,050	6,332	8,428	8,439	.92	1.33	2.54
Spring:									
California.....	6,790	5,300	5,600	2,681	2,624	2,772	1.16	1.80	2.10
Arizona.....	2,590	5,100	2,800	982	2,372	1,414	1.32	1.55	3.75
Mississippi.....	40			5			.55		
Total or average...	9,430	10,400	8,400	3,618	4,996	4,186	1.20	1.69	2.66
Summer:									
North Carolina.....	80			14			.94		
Virginia.....	80			20			.85		
New Jersey.....	1,560	1,300	1,400	386	306	385	1.10	1.35	1.60
New York.....	1,430	1,250	1,150	600	475	518	1.05	1.25	.85
Ohio.....	1,660	1,440	1,580	832	720	869	1.12	1.95	1.35
Colorado.....	1,570	1,500	2,000	391	412	550	.84	1.50	1.00
Total or average...	6,380	5,490	6,130	2,244	1,913	2,322	1.04	1.58	1.20
Fall:									
California.....	10,400	8,100	12,000	4,156	2,430	3,600	1.19	3.30	1.80
Oregon.....	810	700	800	330	298	360	1.33	2.35	1.90
Washington.....	1,340	1,800	1,900	556	828	922	.86	1.25	1.20
Idaho.....	4420	130	470	4122	44	150	41.02	.55	.65
Utah.....	4280	400	700	477	190	280	4.58	3.15	2.00
New Mexico.....	41,510	1,700	2,300	4425	595	632	41.45	2.35	1.45
Minnesota.....	270	380	750	103	175	412	.62	.55	.50
Illinois.....	2,170	1,800	2,400	858	720	960	.68	1.50	.90
Indiana.....	140			67			.59		
Michigan.....	1,580	1,800	2,000	849	1,062	1,440	.62	1.25	.70
Pennsylvania.....	1,640	1,800	2,000	571	486	500	.98	1.95	1.05
New York.....	3,240	2,700	3,500	1,520	864	1,925	.67	1.30	.60
Total or average...	23,340	21,310	28,820	9,509	7,692	11,181	.95	2.12	1.21
United States.....	65,530	70,350	75,400	21,703	23,029	26,128	.99	1.70	1.88

¹ Includes quantities used for processing and dehydration.

² Preliminary.

³ Equivalent bushels of carrots without tops (approximately 50 pounds).

⁴ Short-time average: Florida, 1945-46; Idaho, Utah, and New Mexico, 1939-46.

⁵ Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 306.—Cauliflower, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-48¹

Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³	Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³
	<i>Acres</i>	<i>Crates⁴</i>	<i>1,000 crates⁴</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates⁴</i>	<i>1,000 crates⁴</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	26,350	266	7,016	0.81	5,656	1939.....	29,350	308	9,040	0.64	5,780
1930.....	30,120	226	6,808	.85	5,780	1940.....	31,670	309	9,798	.58	5,665
1931.....	29,960	252	7,556	.75	5,649	1941.....	32,080	262	8,392	.79	6,632
1932.....	32,060	238	7,624	.61	4,478	1942.....	32,230	294	9,481	1.03	9,758
1933.....	30,340	236	7,167	.56	3,983	1943.....	26,440	286	7,569	1.87	14,170
1934.....	29,150	233	6,787	.58	3,970	1944.....	31,160	305	9,505	1.56	14,810
1935.....	27,890	246	6,872	.65	4,351	1945.....	37,420	311	11,640	1.58	18,413
1936.....	29,790	256	7,626	.71	5,437	1946.....	42,210	302	12,741	1.47	18,390
1937.....	29,470	294	8,677	.71	6,159	1947.....	39,540	291	11,499	1.51	17,411
1938.....	27,830	297	8,265	.57	4,689	1948 ⁵	38,300	323	12,375	1.40	17,277

¹ Includes the headed type of broccoli and quantities of cauliflower used for processing.² Includes the following quantities not harvested and excluded in computing value: 336,000 crates in 1932, 127,000 in 1935, 30,000 in 1944, 202,000 in 1946, and 20,000 in 1948.³ Value is for the marketing season and should not be confused with calendar-year income.⁴ Equivalent 1½-bushel crates (approximately 37 pounds). ⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-23 in Agricultural Statistics, 1942, table 352.

TABLE 307.—Cauliflower, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1937-46, annual 1947 and 1948¹

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates³</i>	<i>1,000 crates³</i>	<i>1,000 crates³</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter:									
California.....	7,360	11,000	8,900	2,104	2,750	2,759	.90	1.20	1.15
Arizona.....	1,030	2,700	2,350	330	840	736	1.06	1.30	1.35
Oregon.....	180	290	200	33	29	30	1.22	1.10	1.30
Texas.....	420	700	800	77	122	156	1.50	1.75	1.50
Florida.....	4500	600	400	148	120	90	2.12	1.75	2.00
Total or average...	9,100	15,290	12,650	2,573	3,861	3,771	.95	1.26	1.23
Spring:									
California.....	8,530	10,900	11,300	2,791	3,652	4,124	1.05	1.45	1.20
Washington.....	620	650	650	268	276	273	1.06	1.20	1.35
Total or average...	9,160	11,550	11,950	3,058	3,928	4,397	1.05	1.43	1.21
Summer:									
New Jersey.....	1,290	1,000	1,100	270	225	248	1.28	1.70	2.40
New York.....	2,660	2,400	2,600	920	600	975	1.67	2.55	2.30
Colorado.....	3,320	3,400	3,200	883	1,020	880	.63	1.05	.85
Utah.....	10			6			1.12		
Total or average...	7,280	6,800	6,900	2,079	1,845	2,103	1.17	1.62	1.70
Fall:									
New York, Long Island.....	4,590	3,600	3,900	1,289	1,080	1,365	1.32	2.45	2.00
Michigan.....	1,190	1,000	1,400	296	330	259	1.46	2.45	2.00
Oregon.....	910	1,300	1,500	274	455	480	.94	1.10	1.10
Total or average...	6,450	5,900	6,800	1,800	1,865	2,104	1.23	2.12	1.90
United States.....	31,990	39,540	38,300	9,511	11,499	12,375	1.08	1.51	1.40

¹ Includes the headed type of broccoli, and quantities of cauliflower used for processing.² Preliminary.³ Equivalent 1½-bushel crates (approximately 37 pounds).⁴ Short-time averages: Florida, 1945-46; Michigan, 1939-46.⁵ Includes some quantities not harvested.

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TABLE 308.—*Celery, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1937-46, annual 1947 and 1948*¹

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
Winter:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 crates³</i>	<i>1,000 crates³</i>	<i>1,000 crates³</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Florida.....	5,840	7,100	6,300	⁴ 3,023	2,840	⁴ 3,402	2.02	3.40	2.10
California.....	1,880	2,570	3,570	1,304	1,863	2,499	1.97	3.10	2.00
Arizona.....	⁵ 590	550	600	⁵ 402	378	439	⁵ 2.40	3.45	1.80
Total or average...	7,840	10,220	10,470	4,408	5,081	6,340	1.99	3.29	2.03
Spring:									
Florida.....	3,050	4,300	5,300	⁴ 1,425	1,806	2,279	2.61	4.25	1.75
California.....	1,600	2,000	2,200	1,436	2,520	3,080	2.04	3.90	1.60
Total or average...	4,660	6,300	7,500	2,862	4,326	5,359	2.34	4.05	1.66
Summer:									
New York.....	520	650	700	202	244	298	2.91	2.70	1.55
New Jersey.....	1,150	1,200	1,100	284	324	385	2.41	2.50	1.80
Ohio.....	1,160	890	890	532	222	⁴ 445	2.39	3.30	2.65
Michigan.....	2,060	1,900	1,800	998	902	⁴ 990	1.83	1.90	1.30
Indiana.....	20			7			1.30		
Oregon.....	490	280	230	269	185	108	1.75	2.70	2.00
Total or average...	5,390	4,920	4,720	2,293	1,877	2,226	2.11	2.35	1.74
Early fall:									
New York.....	4,140	3,400	2,700	⁴ 1,477	1,020	1,107	1.58	1.80	2.15
Pennsylvania.....	860	450	400	302	162	148	1.98	2.75	2.20
Ohio.....	890	560	500	342	168	⁴ 175	2.14	3.20	2.80
Indiana.....	80			31			1.98		
Michigan.....	4,460	3,000	2,600	1,817	1,200	1,274	1.16	1.85	1.50
Colorado.....	1,330	1,200	1,200	⁵ 451	408	396	2.43	3.30	1.80
Utah.....	530	750	420	⁵ 219	502	273	1.68	2.35	2.55
Washington.....	520	560	620	⁵ 281	314	341	1.26	1.60	1.35
Total or average...	12,820	9,920	8,440	4,920	3,774	3,714	1.54	2.14	1.88
Late fall:									
California.....	10,160	9,400	8,800	3,320	5,405	5,060	2.02	1.80	2.00
New Jersey.....	520	550	400	110	143	132	1.83	2.15	1.95
Total or average...	10,680	9,950	9,200	3,431	5,548	5,192	2.02	1.81	2.00
United States.....	41,390	41,310	40,330	17,914	20,606	22,831	1.92	2.75	1.88

¹ Includes some quantities used for processing.

² Preliminary.

³ Equivalent ½-size crates (approximately 65 pounds).

⁴ Includes some quantities not harvested.

⁵ Average 1945-46.

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TABLE 309.—*Celery, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States 1929-48*¹

Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³	Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³
	<i>Acres</i>	<i>Crates⁴</i>	<i>1,000 crates⁴</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates⁴</i>	<i>1,000 crates⁴</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	35,220	409	14,301	1.20	17,267	1939	39,810	428	17,030	1.13	19,187
1930	35,060	430	15,073	1.21	18,307	1940	40,230	423	17,012	1.27	21,669
1931	35,180	380	13,367	1.39	18,542	1941	41,060	453	18,620	1.51	28,102
1932	34,220	405	13,855	.85	11,505	1942	40,630	427	17,335	2.04	35,321
1933	34,890	393	13,714	.91	12,187	1943	38,940	422	16,443	3.24	53,090
1934	36,130	386	13,636	.99	13,793	1944	40,690	443	18,040	2.69	47,428
1935	35,840	342	12,268	1.98	16,919	1945	43,890	447	19,622	3.19	62,253
1936	38,120	367	13,983	1.27	17,737	1946	48,250	484	23,329	1.91	42,971
1937	40,180	378	15,185	1.28	19,478	1947	41,310	499	20,606	2.75	56,759
1938	40,190	407	16,358	1.01	16,039	1948 ⁵	40,330	566	22,831	1.88	41,023

¹ Includes quantities used for processing.² Includes the following quantities not harvested and excluded in computing value: 278,000 crates in 1932, 347,000 in 1933, 424,000 in 1938, 52,000 in 1943, 400,000 in 1944, 102,000 in 1945, 809,000 in 1946, and 1,056,000 in 1948.³ Value is for the marketing season and should not be confused with calendar-year income.⁴ Equivalent ½-size crates (approximately 65 pounds).⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 354, where quantities and prices are as of equivalent ⅔-size crates containing approximately 90 pounds.

TABLE 310.—*Corn, sweet, commercial crop for processing: Acreage, yield, production, and season average price per ton received by farmers, and value, United States, 1929-48*

Year	Acreage for harvest	Yield per acre	Production in bush	Price	Farm value ¹	Year	Acreage for harvest	Yield for acre	Production in bush	Price	Farm value ¹
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	359,800	1.96	706,900	13.09	9,254	1939	248,260	2.66	661,100	8.40	5,556
1930	376,760	1.76	661,400	13.22	8,742	1940	317,200	2.31	731,500	8.81	6,447
1931	358,030	2.19	785,100	11.06	8,681	1941	444,270	2.56	1,135,700	9.68	10,993
1932	165,130	2.34	387,200	7.50	2,905	1942	485,610	2.64	1,282,500	13.44	17,236
1933	199,670	1.97	394,300	8.01	3,159	1943	510,110	2.29	1,170,600	18.34	21,464
1934	287,630	1.73	498,000	8.46	4,211	1944	489,920	2.13	1,043,500	19.33	20,175
1935	401,610	2.14	859,900	9.31	8,007	1945	483,870	2.34	1,131,600	19.21	21,742
1936	372,420	1.63	607,500	10.21	6,200	1946	500,910	2.48	1,241,800	19.85	24,651
1937	438,810	2.23	978,100	11.56	11,311	1947	492,590	2.22	1,091,600	20.82	22,722
1938	345,160	2.56	882,800	9.98	8,808	1948 ²	474,420	2.80	1,326,200	23.57	31,254

¹ Value is for the marketing season and should not be confused with calendar-year income.² Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 357.

TABLE 311.—Corn, sweet, commercial crop: Acreage, production, and season average price per 1,000 ears and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948¹

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
For fresh market: ¹									
Summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 ears³</i>	<i>1,000 ears³</i>	<i>1,000 ears³</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New Jersey	21,500	23,000	24,000	103,450	112,700	108,000	18.63	31.80	24.50
New York	23,350	30,800	34,000	119,989	160,160	170,000	15.72	29.70	21.00
Pennsylvania	4 11,500	10,000	9,900	4 56,650	47,000	47,520	4 17.29	27.50	24.60
Total 3 States.....	52,900	63,800	67,900	263,094	319,860	325,520	16.71	30.12	22.68
For processing:				<i>Tons⁵</i>	<i>Tons⁵</i>	<i>Tons⁵</i>			
Maine	11,710	10,800	10,300	41,740	33,500	22,700	21.40	30.00	29.00
New Hampshire	440	390	330	1,660	1,600	800	20.60	30.50	29.40
Vermont	1,010	550	790	2,840	1,300	2,100	16.10	24.30	25.09
New York	23,010	22,200	25,600	54,400	48,800	69,100	14.90	19.30	24.00
Pennsylvania	12,670	11,600	11,600	24,860	23,200	24,400	15.10	22.30	27.80
Ohio	23,110	23,100	20,400	48,250	46,200	61,200	12.60	18.30	23.10
Indiana	45,930	44,900	35,400	80,230	89,800	70,800	14.40	19.40	22.90
Illinois	65,350	70,600	63,600	167,290	134,100	184,400	14.00	20.90	24.10
Michigan	3,940	3,200	3,700	5,070	3,200	6,300	13.90	18.70	22.00
Wisconsin	57,860	99,700	99,700	132,700	219,300	239,300	12.80	18.90	23.60
Minnesota	70,030	78,200	78,800	195,290	172,000	244,300	11.90	19.20	20.60
Iowa	41,720	35,100	33,000	102,010	45,600	99,000	12.20	18.80	21.70
Nebraska	2,770	1,400	2,500	5,150	2,700	6,500	11.70	18.10	20.60
Delaware	3,110	5,100	4,300	6,920	13,300	11,600	14.20	20.20	20.50
Maryland	37,910	41,500	35,200	78,560	95,400	91,500	14.80	20.60	22.00
Virginia	730	500	500	1,230	1,600	1,500	17.10	19.70	21.00
Idaho	4,030	8,600	11,800	13,200	28,400	51,900	15.00	22.30	25.60
Utah	1,160	4,700	6,200	4,000	18,300	23,600	16.30	22.30	24.30
Washington	7,740	12,000	11,600	27,570	51,600	52,200	17.10	22.80	25.00
Oregon	4,000	11,200	11,700	12,260	42,600	42,100	19.20	36.10	38.90
Other States ⁶	8,180	7,250	7,400	20,600	19,100	20,900	13.63	18.48	22.78
Total or average....	426,410	492,590	474,420	1,025,920	1,091,600	1,326,200	13.86	20.82	23.57

¹ Sweet corn for market is reported for 3 States only. Data are not available for other States where it is grown in commercial quantities for fresh market.

² Preliminary. ³ 1,000 ears weigh approximately 700 pounds.

⁴ Average 1939-46. ⁵ Tonnage in husk.

⁶ Arkansas, Colorado, Montana, New Jersey, Oklahoma, South Dakota, Tennessee, Texas, and Wyoming.

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TABLE 312.—Cucumbers, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-48

Year	For fresh market					For pickles					Pickle stocks on hand Oct. 1 ³
	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Acreage harvested	Yield per acre	Production	Price	Farm value ²	
	<i>Acres</i>	<i>Bushels</i> ⁴	<i>1,000 bushels</i> ⁴	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Bushels</i> ⁴	<i>1,000 bushels</i> ⁴	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 bushels</i>
1929.....	45,990	109	5,002	1.56	7,816	78,180	49	3,798	0.81	3,086	5,146
1930.....	62,940	109	6,879	1.05	5,619	114,520	64	7,295	.79	5,784	7,955
1931.....	53,210	95	5,065	.78	3,846	82,470	67	5,547	.70	3,884	8,719
1932.....	48,100	87	4,200	.73	2,983	30,910	56	1,727	.50	857	6,406
1933.....	45,360	85	3,844	.76	2,914	54,660	63	3,459	.45	1,545	5,799
1934.....	47,030	92	4,332	.88	3,820	77,470	54	4,189	.47	1,961	5,539
1935.....	48,070	104	5,019	.80	3,825	86,970	55	4,788	.51	2,438	5,963
1936.....	48,350	88	4,262	.95	4,066	86,020	70	6,046	.56	3,387	6,507
1937.....	45,040	94	4,216	1.07	4,501	108,070	71	7,761	.60	4,619	8,518
1938.....	44,850	108	4,857	.80	3,886	82,290	74	6,093	.59	3,579	9,161
1939.....	45,260	112	5,059	.97	4,776	57,160	67	3,837	.58	2,222	6,790
1940.....	43,350	111	4,795	1.10	5,297	92,330	67	6,205	.58	3,603	6,985
1941.....	43,820	113	4,970	1.24	6,031	110,600	74	8,236	.68	5,626	7,995
1942.....	43,600	112	4,872	1.59	7,725	107,910	77	8,307	.80	6,605	8,651
1943.....	34,270	111	3,790	2.80	10,605	84,900	74	6,258	.94	5,909	7,008
1944.....	41,000	101	4,134	2.13	8,825	99,000	77	7,661	1.10	8,425	7,697
1945.....	46,900	118	5,527	2.49	13,773	101,390	79	7,993	1.18	9,424	7,966
1946.....	59,310	118	6,975	2.39	16,526	134,580	78	10,507	1.40	14,703	9,754
1947.....	59,900	108	6,470	2.14	13,335	127,290	80	10,233	1.35	13,824	10,696
1948 ⁵	55,050	120	6,626	2.39	15,682	122,420	79	9,642	1.65	15,896	9,862

¹ Includes the following quantities not harvested and excluded in computing value: 1,551,000 bushels in 1930, 124,000 in 1931, 100,000 in 1932, 227,000 in 1935, 133,000 in 1939, 96,000 in 1941, 6,000 in 1945, 57,000 in 1946, 229,000 in 1947, and 52,000 in 1948.

² Value is for marketing season and should not be confused with calendar-year income.

³ Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1. ⁴ Approximately 48 pounds. ⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 360.

TABLE 313.—Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For fresh market:	<i>Acres</i> ²	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels</i> ²	<i>1,000 bushels</i> ²	<i>1,000 bushels</i> ²	<i>Dollars</i> ³	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	3 600	350	1,550	2 66	35	155	6.52	9.50	3.50
Early spring:									
Florida.....	5,870	8,650	7,600	682	778	1,254	2.87	3.65	3.15
Texas.....	3,960	4,800	4,200	4 222	264	231	1.72	2.35	2.70
Total or average...	9,830	13,450	11,800	903	1,042	1,485	2.54	3.32	3.08
Late spring:									
Louisiana.....	660	800	750	61	48	75	1.34	1.65	2.40
Alabama.....	1,260	1,400	1,450	4 194	210	145	1.24	1.70	2.30
Georgia.....	1,300	1,500	900	100	100	60	1.22	1.80	2.80
South Carolina.....	5,210	7,000	5,000	4 406	700	450	1.54	1.40	2.95
North Carolina.....	4,250	7,400	6,700	304	592	536	1.34	1.75	1.70
Arkansas.....	720	1,500	1,200	73	150	120	1.18	1.40	1.65
California.....	1,940	2,700	2,800	487	648	644	1.62	2.00	1.60
Total or average...	15,340	22,300	18,800	1,626	2,448	2,030	1.44	1.71	2.04
Early summer:									
Virginia.....	180	150	200	18	16	18	1.22	.95	2.65
Maryland.....	3,110	3,700	3,000	419	444	330	1.10	1.50	3.10
Delaware.....	1,230	1,000	800	151	125	88	1.06	1.45	2.95
New Jersey.....	2,810	3,800	3,500	451	646	612	1.48	1.10	2.20
Illinois.....	2,040	2,200	2,000	200	165	140	1.42	2.20	2.25
Total or average...	9,360	10,850	9,500	1,239	1,396	1,188	1.28	1.39	2.52

See footnotes at end of table.

TABLE 313.—Cucumbers, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948—Continued

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For fresh market (cont'd):									
Late summer:									
New York.....	4,580	5,600	5,000	599	756	725	1.45	1.85	1.90
Pennsylvania.....	³ 700	600	600	³ 138	108	150	³ 1.81	1.60	2.40
Michigan.....	960	1,200	1,200	103	114	132	1.60	2.70	2.20
Total or average...	6,100	7,400	6,800	813	978	1,007	1.48	1.92	2.01
Early fall:									
Louisiana.....	1,020	900	900	95	54	58	1.80	3.35	2.30
Georgia.....	800	450	700	28	13	28	1.56	3.75	1.80
Total or average...	1,820	1,350	1,600	123	67	86	1.77	3.43	2.13
Late fall:									
Florida.....	2,180	4,200	5,000	⁴ 202	⁴ 504	⁴ 675	3.20	3.50	2.00
United States.....	44,740	59,900	55,050	4,920	6,470	6,626	1.66	2.14	2.39
For pickles:									
Massachusetts.....	770	860	670	99	126	70	.95	1.30	1.55
New York.....	840	1,100	1,400	76	57	84	1.00	1.45	2.35
Ohio.....	3,640	2,800	2,300	180	207	221	.95	1.40	1.85
Indiana.....	5,280	7,300	4,400	275	321	304	.85	1.20	1.35
Illinois.....	1,270	1,000	1,000	79	48	36	1.00	1.40	1.50
Michigan.....	27,500	35,600	40,000	1,734	2,172	2,400	.90	1.40	1.65
Wisconsin.....	14,150	19,900	20,400	1,068	1,950	1,714	.90	1.35	1.65
Minnesota.....	1,600	1,600	1,800	109	141	160	.75	1.20	1.30
Iowa.....	1,430	600	700	74	25	55	.70	1.05	1.20
Missouri.....	1,200	900	500	62	32	40	.90	1.55	1.40
Maryland.....	3,340	5,800	4,000	288	505	384	.80	1.35	2.15
Delaware.....	1,160	1,100	1,400	73	91	88	.90	1.50	1.80
Virginia.....	3,980	6,400	4,400	289	518	224	.85	1.25	1.60
North Carolina.....	5,840	7,400	6,800	461	644	490	.75	1.60	1.85
South Carolina.....	890	1,900	1,500	81	141	90	.70	.85	.95
Georgia.....	3,140	6,000	4,500	202	354	270	.90	1.30	2.35
Louisiana.....	500	830	430	32	58	15	.70	2.60	3.00
Texas.....	4,890	4,300	3,400	238	280	228	.80	1.45	1.90
Colorado.....	1,670	2,300	2,700	295	430	518	.70	1.20	1.45
Washington.....	500	600	1,100	94	146	169	.95	1.25	1.45
Oregon.....	1,150	1,000	1,200	196	212	132	.90	1.55	2.10
California.....	2,640	2,020	2,830	679	697	863	.75	1.10	1.15
Other States ⁵	10,440	15,980	14,990	602	1,078	1,087	.71	1.38	1.74
Total or average...	97,820	127,290	122,420	7,286	10,233	9,642	.84	1.35	1.65
Grand total.....	142,560	187,190	177,470	12,206	16,703	16,268	1.20	1.65	1.95

¹ Preliminary.² Approximately 48 pounds.³ Average: 1945-46 for Florida; 1939-46 for Pennsylvania.⁴ Includes some quantities not harvested.⁵ Alabama, Arizona, Arkansas, Connecticut, Florida, Kansas, Kentucky, Maine, Mississippi, Nebraska, New Hampshire, New Jersey, Oklahoma, Pennsylvania, South Dakota, Tennessee, and Utah.

Bureau of Agricultural Economics.

TABLE 314.—*Eggplant, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-48*

Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²
	<i>Acres</i>	<i>Bu.³</i>	<i>1,000 bu.³</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.³</i>	<i>1,000 bu.³</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	4,090	241	986	1.06	1,049	1939	4,600	218	1,003	0.68	679
1930	4,400	199	876	.76	665	1940	3,700	205	758	.88	664
1931	3,750	234	876	.80	704	1941	4,750	219	1,040	.84	876
1932	4,100	220	903	.59	537	1942	4,050	228	922	1.21	1,118
1933	4,050	205	832	.59	491	1943	5,250	217	1,140	1.98	2,255
1934	3,850	201	775	.52	406	1944	5,850	237	1,386	1.40	1,812
1935	3,030	220	666	.83	550	1945	6,050	254	1,538	1.93	2,842
1936	3,700	259	960	.50	477	1946	6,800	265	1,804	1.53	2,481
1937	3,650	221	806	.82	661	1947	5,550	197	1,093	1.90	2,072
1938	4,350	247	1,073	.56	604	1948 ⁴	6,680	246	1,645	1.49	2,022

¹ Includes some quantities not harvested and excluded in computing value: 90,000 bushels in 1944, 62,000 in 1945, 178,000 in 1946, and 289,000 in 1948.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Approximately 33 pounds.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1921-28 in Agricultural Statistics, 1942, table 362.

TABLE 315.—*Eggplant, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948*

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	<i>Acres</i> ²	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels</i> ²	<i>1,000 bushels</i> ²	<i>1,000 bushels</i> ²	<i>Dollars</i> ²	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida	570	900	330	216	216	102	1.96	2.15	3.50
Spring: Florida	940	1,400	2,500	332	280	812	1.27	2.30	1.20
Summer:									
Louisiana	540	350	350	77	51	52	1.12	1.45	1.25
New Jersey	1,460	1,700	1,900	353	400	475	.86	1.35	1.00
Total or average	2,000	2,050	2,250	430	451	527	.91	1.36	1.03
Fall:									
Florida	1,060	500	800	169	38	100	1.60	3.95	3.00
Texas	510	700	800	66	108	104	.96	1.85	1.80
Total or average	1,580	1,200	1,600	234	146	204	1.38	2.40	2.39
United States	4,900	5,550	6,680	1,147	1,093	1,645	1.18	1.90	1.49

¹ Preliminary.

² Approximately 33 pounds.

³ Average 1940-46.

⁴ Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 316.—*Escarole, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Florida, 1929-48*

Year	Acreage for harvest		Yield per acre	Pro-duction ¹	Price	Farm value ²	Year	Acreage for harvest		Yield per acre	Pro-duction ¹	Price	Farm value ²
	Acres	Bu. ³	1,000 bu. ³	Dollars	1,000 dollars	Acres		Bu. ³	1,000 bu. ³	Dollars	1,000 dollars		
1929	500	902	451	0.51	230	1939	1,000	645	645	0.41	264		
1930	450	1,113	501	.91	456	1940	1,350	589	795	.38	302		
1931	850	632	537	.39	209	1941	1,000	554	554	.66	366		
1932	700	479	335	.61	204	1942	1,200	596	715	.47	336		
1933	700	843	590	.36	212	1943	1,450	518	751	1.52	1,142		
1934	700	932	652	.41	267	1944	2,350	629	1,478	.78	647		
1935	650	648	421	.57	240	1945	2,800	459	1,285	1.45	1,382		
1936	700	726	508	.41	208	1946	2,500	554	1,385	.80	875		
1937	900	667	600	.51	306	1947	2,700	355	958	1.35	1,293		
1938	1,000	680	680	.30	204	1948 ⁴	3,100	460	1,426	1.10	1,285		

¹ Includes the following quantities not harvested and excluded in computing value: 649,000 bushels in 1944; 332,000 in 1945, 291,000 in 1946, and 258,000 in 1948.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Approximately 25 pounds.

⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 317.—*Garlic, commercial crop: Acreage, yield, production, season average price per sack received by farmers, and value, 3 States,¹ 1932-48*

Year	Acreage for harvest		Yield per acre	Pro-duction	Price	Farm value ²	Year	Acreage for harvest		Yield per acre	Pro-duction	Price	Farm value ²
	Acres	Sacks ³	1,000 sacks ³	Dollars	1,000 dollars	Acres		Sacks ³	1,000 sacks ³	Dollars	1,000 dollars		
1932	4,500	30.9	139	2.61	363	1940	3,890	36.5	142	7.43	1,055		
1933	4,110	29.9	123	3.22	396	1941	3,980	38.9	155	9.63	1,492		
1934	3,600	34.4	124	3.65	453	1942	4,820	45.0	217	4.18	906		
1935	3,160	38.9	123	3.97	488	1943	3,350	39.1	131	10.40	1,363		
1936	3,900	38.2	149	4.11	613	1944	3,400	44.1	150	16.16	2,425		
1937	4,250	44.0	187	2.68	501	1945	3,400	52.1	177	18.25	3,230		
1938	4,460	40.8	182	3.01	547	1946	4,150	49.2	204	13.67	2,788		
1939	4,300	41.6	179	3.15	563	1947	4,180	45.0	188	10.01	1,882		
						1948 ⁴	3,020	43.0	130	19.70	2,561		

¹ Louisiana, Texas, and California.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Equivalent 100-pound sacks. ⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 318.—*Garlic, commercial crop: Acreage, production, and season average price per sack received by farmers, by States, average 1937-46, annual 1947 and 1948*

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
Spring:									
Louisiana	Acres	Acres	Acres	1,000 sacks ²	1,000 sacks ²	1,000 sacks ²	Dollars	Dollars	Dollars
Texas	820	900	900	11	11	12	5.98	20.00	13.50
	980	400	500	14	8	9	3.47	6.50	6.50
Total or average	1,800	1,300	1,400	26	19	21	4.74	14.32	10.48
Summer: California	2,170	2,850	2,780	141	185	167	8.46	13.60	9.60
Total, 3 States	3,980	4,150	4,180	167	204	188	7.90	13.67	9.70

¹ Preliminary.

² Equivalent 100-pound sacks.

Bureau of Agricultural Economics.

TABLE 319.—Honey Ball melons, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, 2 States,¹ 1929-48

Year	Acreage for harvest	Yield per acre	Production	Price	Farm value ²	Year	Acreage for harvest	Yield per-acre	Production	Price	Farm value ²
	Acres	Crates ³	1,000 crates ³	Dollars	1,000 dollars		Acres	Crates ³	1,000 crates ³	Dollars	1,000 dollars
1929	5,150	110	567	1.66	944	1939	3,380	93	314	1.46	459
1930	7,230	124	897	1.73	1,552	1940	4,020	72	290	2.05	594
1931	7,280	137	999	1.05	1,050	1941	3,560	96	343	1.77	608
1932	6,350	120	4,761	1.04	641	1942	2,690	121	326	2.64	860
1933	7,470	95	4,707	1.11	693	1943	950	120	114	7.00	798
1934	7,750	138	380	1.52	577	1944	1,040	141	147	4.08	600
1935	3,980	122	486	1.11	540	1945	1,680	129	216	3.54	765
1936	3,260	130	424	1.35	571	1946	2,000	96	193	3.88	748
1937	3,320	139	463	1.44	669	1947	640	110	70	5.10	357
1938	2,470	133	328	1.68	552	1948 ⁴	1,100	60	66	3.95	261

¹ California and Arizona.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Equivalent jumbo crates (approximately 70 pounds).

⁴ Includes 144,000 crates in 1932 and 81,000 in 1933 not harvested and excluded in computing value.

⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 320.—Honey Ball melons, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1937-46, annual 1947 and 1948

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	Acres	Acres	Acres	1,000 crates ²	1,000 crates ²	1,000 crates ²	Dollars	Dollars	Dollars
Spring: California	2,170	640	1,100	228	70	66	3.00	5.10	3.95
Summer:									
California	310			42			2.02		
Arizona	40			4			1.94		
Total or average	340			46			2.09		
United States	2,510	640	1,100	273	70	66	2.95	5.10	3.95

¹ Preliminary.

² Equivalent jumbo crates (approximately 70 pounds).

Bureau of Agricultural Economics.

TABLE 321.—*Honey Dew melons, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-48*

Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²
1929	12,680	341	4,327	0.56	2,419	1939	13,350	235	3,137	0.64	2,021
1930	15,110	274	4,135	.88	3,634	1940	14,360	169	2,428	.93	2,266
1931	15,200	294	4,462	.52	2,216	1941	11,320	236	2,667	.90	2,394
1932	16,400	302	4,957	.43	1,440	1942	8,780	242	2,126	1.52	3,225
1933	10,650	266	2,838	.58	1,401	1943	8,480	303	2,570	2.63	6,765
1934	8,150	323	2,634	.74	1,945	1944	12,990	255	3,311	1.80	5,949
1935	12,110	268	3,249	.57	1,836	1945	17,350	251	4,356	1.89	8,237
1936	12,780	269	3,432	.60	2,049	1946	21,740	211	4,591	1.76	8,091
1937	13,320	285	3,792	.60	2,270	1947	14,970	233	3,487	2.02	7,039
1938	12,310	250	3,072	.64	1,970	1948 ⁴	11,700	267	3,129	1.82	5,684

¹ Includes 239,000 crates in 1931; 1,612,000 in 1932, and 438,000 in 1933 not harvested and excluded in computing value.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Equivalent standard Honey Dew crates (approximately 35 pounds).

⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 322.—*Honey Dew melons, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1937-46, annual 1947 and 1948*

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	Acres	Acres	Acres	1,000 crates ²	1,000 crates ²	1,000 crates ²	Dollars	Dollars	Dollars
Spring: California	3,740	2,940	150	873	294	33	1.50	2.30	2.15
Summer:									
Arizona	2,050	3,200	3,900	584	896	1,248	1.41	1.90	1.90
California	5,420	8,200	7,300	1,401	2,173	1,788	1.31	2.05	1.75
Colorado	1,950	350	100	301	54	10	1.03	1.75	1.50
Kansas	³ 760	280	250	³ 156	70	50	³ 1.52	1.60	1.95
Total or average	9,660	12,030	11,550	2,332	3,193	3,096	1.30	1.99	1.81
United States	13,400	14,970	11,700	3,205	3,487	3,129	1.33	2.02	1.82

¹ Preliminary.

² Equivalent standard Honey Dew crates (approximately 35 pounds).

³ Average, 1944-46.

Bureau of Agricultural Economics.

TABLE 323.—*Kale, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Virginia, 1929-48*

Year	Acreage for harvest	Yield per acre	Production	Price	Farm value ¹	Year	Acreage for harvest	Yield per acre	Production	Price	Farm value ¹
1929	1,800	450	810	0.35	284	1939	1,800	450	810	.25	202
1930	1,800	410	738	.40	295	1940	1,400	260	364	.40	146
1931	2,400	230	552	.50	276	1941	1,700	520	884	.23	203
1932	1,800	600	1,080	.20	216	1942	1,600	275	440	.55	242
1933	1,800	500	900	.35	315	1943	1,650	445	734	.85	624
1934	2,300	185	426	.40	170	1944	2,350	350	822	.64	526
1935	2,000	200	400	.35	140	1945	1,900	350	665	.65	432
1936	1,600	275	440	.30	132	1946	1,700	327	556	.85	473
1937	1,300	410	533	.30	160	1947	1,800	347	625	.60	375
1938	1,400	490	686	.30	206	1948 ³	1,300	404	525	1.05	551

¹ Value is for the marketing season and should not be confused with calendar-year income.

² Approximately 18 pounds.

³ Preliminary.

Bureau of Agricultural Economics. Data for 1928 in Agricultural Statistics, 1942, table 366.

TABLE 324.—Lettuce, commercial crop: Acreage, production, and season average price per crate received by farmers, by States, average 1937-46, annual 1947 and 1948

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
Winter:									
Arizona.....	15,710	21,200	22,000	¹ 2,184	3,201	3,388	2.25	3.15	3.95
California.....	21,230	28,000	32,300	³ 3,787	5,320	5,814	2.07	3.40	3.20
Florida.....	1,620	2,050	1,650	³ 232	244	³ 219	2.17	2.90	2.50
Texas.....	⁴ 300	500	3,000	⁴ 60	88	450	⁴ 3.00	3.25	3.55
Total or average.....	38,600	51,750	58,950	6,210	8,853	9,871	2.14	3.29	3.46
Early spring:									
Arizona.....	20,590	22,200	20,000	³ 2,944	3,730	3,740	2.29	2.65	3.00
California.....	28,530	27,200	34,800	3,537	5,032	3,480	2.35	4.00	4.30
Florida.....	⁴ 330	150	100	³ 45	21	10	⁴ 3.10	2.35	2.25
Georgia.....	⁴ 410	650	170	³ 40	45	11	⁴ 3.30	5.00	6.50
South Carolina.....	880	1,000	500	³ 102	³ 60	50	2.56	3.40	4.75
North Carolina.....	1,340	1,200	1,300	³ 126	72	³ 160	2.56	4.50	4.90
Total or average.....	51,930	52,400	56,870	6,769	8,960	7,451	2.33	3.44	3.66
Late spring:									
Virginia.....	140			12			1.92		
New Jersey.....	1,630	2,200	2,400	³ 383	550	600	2.08	3.00	3.65
Pennsylvania.....	340	400	420	50	60	63	2.62	3.45	3.30
Idaho.....	550	800	800	³ 80	104	³ 99	1.42	.95	.65
Oregon.....	620	1,000	700	³ 79	³ 170	³ 119	1.58	1.30	2.10
Washington.....	1,540	1,650	1,600	³ 348	404	320	1.66	2.10	2.85
Total or average.....	4,830	6,050	5,720	952	1,288	1,201	1.80	2.37	3.14
Summer:									
California.....	21,670	22,400	22,700	4,120	6,160	6,129	2.26	3.50	3.00
Colorado.....	3,970	4,600	7,000	417	575	³ 770	1.54	2.75	2.00
New York.....	4,040	4,400	4,500	901	880	³ 1,170	1.80	2.75	2.35
Total or average.....	29,680	31,400	34,200	5,438	7,615	8,069	2.12	3.36	2.85
Fall:									
California.....	29,120	38,800	37,700	4,593	6,014	6,032	2.24	3.00	2.60
Oregon.....	1,780	2,500	2,100	³ 213	³ 375	³ 326	1.22	1.25	1.25
Washington.....	700	900	760	³ 131	207	190	1.77	1.80	1.65
Idaho.....	2,860	5,600	4,000	³ 341	³ 672	³ 500	1.12	1.00	.80
New Mexico.....	410	300	400	43	45	50	2.08	2.75	1.55
New Jersey.....	690	600	800	129	141	160	1.62	1.85	2.75
Total or average.....	35,560	48,700	45,760	5,449	7,454	7,258	2.10	2.71	2.46
United States.....	160,600	190,300	201,500	24,818	34,170	33,850	2.16	3.19	3.14

¹ Preliminary.

² Equivalent western crates (approximately 70 pounds).

³ Includes some quantities not harvested.

⁴ Short-time average: Texas—1946, first year of estimate; Florida and Georgia, 1939-46.

Bureau of Agricultural Economics.

TABLE 325.—Lettuce, commercial crop: Acreage, yield, production, season average price per crate received by farmers, and value, United States, 1929-48

Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²
	<i>Acres</i>	<i>Crates³</i>	<i>1,000 crates³</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Crates³</i>	<i>1,000 crates³</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	139,860	143	19,989	1.84	36,784	1939	165,700	141	23,362	1.38	30,294
1930	171,580	116	19,820	1.72	34,016	1940	143,470	154	22,095	1.48	31,526
1931	173,300	112	19,344	1.48	28,647	1941	156,980	147	23,049	1.67	38,542
1932	162,650	110	17,855	1.29	22,442	1942	156,290	150	23,427	2.54	59,431
1933	141,350	123	17,380	1.30	22,448	1943	137,200	178	24,465	3.31	80,861
1934	155,630	123	19,106	1.40	26,251	1944	167,880	170	28,575	2.61	74,034
1935	151,720	127	19,253	1.46	28,142	1945	172,850	170	29,406	2.93	86,059
1936	164,530	128	21,104	1.46	29,994	1946	206,030	164	33,801	2.60	85,686
1937	151,750	137	20,740	1.58	32,666	1947	190,300	180	34,170	3.19	108,226
1938	147,540	130	19,195	1.52	28,756	1948 ⁴	201,500	168	33,850	3.14	103,659

¹ Includes the following quantities not harvested and excluded in computing value: 471,000 crates in 1932, 90,000 in 1933, 300,000 in 1934, 501,000 in 1936, 110,000 in 1937, 282,000 in 1938, 1,397,000 in 1939, 735,000 in 1940, 42,000 in 1943, 173,000 in 1944, 29,000 in 1945, 831,000 in 1946; 198,000 in 1947; and 880,000 in 1948.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Equivalent western crates (approximately 70 pounds).

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 367.

TABLE 326.—Onions, commercial crop: Stocks, acreage, yield, production, season average price per 50-pound sack received by farmers, value, and foreign trade, United States, 1929-48¹

Year	Stocks Jan. 1 ²	Acreage for harvest	Yield per acre	Production ³	Price	Farm value ⁴	Foreign trade, year beginning July ⁵	
							Domestic exports	Imports
	<i>1,000 sacks⁶</i>	<i>Acres</i>	<i>Sacks⁶</i>	<i>1,000 sacks⁶</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 sacks⁶</i>	<i>1,000 sacks⁶</i>
1929	4,046	104,190	292	30,468	0.74	22,438	700	1,046
1930	6,830	96,450	319	30,785	.48	14,765	690	244
1931	7,228	101,890	224	22,827	.93	20,502	360	758
1932	3,832	124,950	250	31,298	.41	12,222	616	84
1933	8,272	107,560	235	25,241	.64	16,142	428	92
1934	6,288	116,780	233	27,203	.67	18,200	348	288
1935	6,096	146,370	202	29,529	.71	20,533	786	82
1936	7,378	175,280	198	34,688	.43	13,961	836	116
1937	7,478	136,710	221	30,240	.66	19,608	958	78
1938	6,498	140,770	219	30,846	.55	16,553	914	94
1939	7,166	132,910	272	36,311	.44	15,689	1,032	74
1940	8,592	110,390	288	31,745	.69	21,859	1,052	30
1941	8,270	98,510	308	30,373	1.13	34,218	1,114	104
1942	6,834	134,620	279	27,563	1.00	36,259	700	252
1943	8,332	110,340	272	29,974	1.07	50,149	803	154
1944	5,738	178,640	262	46,753	1.17	53,553	844	55
1945	11,519	141,200	259	36,594	1.66	60,360	1,456	457
1946	5,925	162,640	313	50,878	.89	42,985	2,458	166
1947	10,944	119,030	301	35,799	2.05	73,352	1,259	976
1948 ⁷	6,903	128,730	318	40,889	1.45	58,897	-----	-----

¹ Includes quantities used for processing and dehydration.

² In the hands of growers and local dealers, from crop of preceding year.

³ Includes the following quantities not harvested and excluded in computing value: 166,000 sacks in 1929, 86,000 in 1930, 727,000 in 1931, 1,500,000 in 1932, 198,000 in 1934, 534,000 in 1935, 1,849,000 in 1936, 491,000 in 1937, 984,000 in 1938, 609,000 in 1939, 1,217,000 in 1942, 1,154,000 in 1944, 248,000 in 1945, 2,646,000 in 1946, and 328,000 in 1948.

⁴ Value is for the marketing season and should not be confused with calendar-year income.

⁵ Reported in bushels or pounds, converted to sacks at ratio of 57 pounds per bushel and 50 pounds per sack.

⁶ Equivalent 50-pound sacks.

⁷ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 370, where quantities and prices are as of 100-pound sacks.

TABLE 327.—Onions, commercial crop: Acreage, production, and season average price per 50-pound sack received by farmers, by States, average 1937-46, annual 1947 and 1948 ¹

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
	Acres	Acres	Acres	1,000 sacks ³	1,000 sacks ³	1,000 sacks ³	Dollars	Dollars	Dollars
Early spring: Texas.....	46,070	36,400	46,600	4 3,760	4,004	4,194	1.36	1.30	2.95
Late spring:									
California.....	2,090	4,400	5,500	4 855	2,552	2,750	1.26	1.25	1.90
Arizona.....	1,180	500	570	5 299	310	314	1.94	1.35	2.65
Louisiana.....	1,760	1,550	1,250	178	124	112	1.39	1.70	2.60
Texas.....	14,080	11,200	7,900	4 1,206	1,019	553	1.18	1.60	2.80
Georgia.....	1,210	900	550	4 178	108	75	1.57	1.35	2.00
Total or average.....	19,360	18,550	15,770	2,501	4,113	3,804	1.23	1.34	2.12
Early summer:									
California.....	1,600	(⁶)	(⁶)	4 766	(⁶)	(⁶)	1.01	(⁶)	(⁶)
New Mexico.....	750	500	900	5 242	200	270	1.74	1.05	2.35
Washington.....	560	600	630	278	312	4 284	.72	1.30	1.20
Iowa.....	440	370	370	153	130	139	1.05	2.35	1.45
Oklahoma.....	1,080	500	600	4 93	42	66	.90	1.15	1.35
Kentucky.....	130			32			1.18		
Virginia.....	680	400	300	4 105	38	56	1.26	2.15	2.20
New Jersey.....	2,700	2,500	2,700	679	650	837	1.24	1.80	2.00
Total or average.....	7,500	4,870	5,500	2,204	1,372	1,652	1.05	1.62	1.87
Late summer:									
Massachusetts.....	1,800	900	860	4 797	472	353	.96	1.90	1.00
New York.....	14,130	14,000	15,100	4 6,577	4,900	8,305	1.15	2.90	1.20
Pennsylvania.....	380	400		123	140		1.23	2.20	
Eastern.....	16,310	15,300	15,960	7,497	5,512	8,658	1.13	2.80	1.19
Ohio.....	1,350	700	800	479	200	360	1.14	3.30	1.50
Indiana.....	2,370	1,700	1,150	941	799	632	1.00	2.80	1.30
Illinois.....	2,320	2,600	2,700	643	780	810	.99	2.15	1.25
Michigan.....	8,820	8,000	8,800	3,355	3,400	4,576	1.07	2.70	1.30
Wisconsin.....	1,590	2,100	1,900	4 619	924	950	.95	2.50	1.30
Minnesota.....	3,690	3,600	3,800	1,424	1,530	1,824	.86	2.55	1.10
Iowa.....	470	380	400	206	209	220	.86	2.00	1.00
Kansas.....	230	180	250	5 103	63	94	1.93	2.45	1.20
Central.....	20,680	19,260	19,800	7,698	7,905	9,466	1.00	2.60	1.26
Colorado.....	8,820	11,000	11,000	4 4,375	4,840	5,500	.74	2.10	.95
Utah.....	1,380	1,300	1,300	656	780	682	.77	2.90	1.25
Nevada.....	320	550	400	161	330	220	.88	2.80	1.25
California.....	5,610	4,000	4,400	2,361	1,800	1,870	.88	1.70	1.35
Idaho.....	3,520	2,200	2,500	4 2,134	1,672	1,688	.57	1.25	.85
Oregon.....	3,820	4,500	4,300	4 2,155	2,877	4 2,540	.81	1.78	.99
Malheur County.....	2,130	2,400	2,300	4 1,408	1,848	4 1,610	1.80	1.60	.85
Other.....	2,250	2,100	2,000	5 1,124	1,029	4 930	1.27	2.10	1.20
Washington.....	1,140	1,100	1,050	594	594	525	.66	1.45	1.15
Arizona.....	700		150	5 157		90	1.96		1.25
Western.....	24,750	24,650	25,100	12,468	12,893	13,115	.75	1.90	1.03
Total or average.....	61,740	59,210	60,860	27,664	26,310	31,239	.91	2.30	1.15
United States.....	134,670	119,030	128,730	36,128	35,799	40,889	.99	2.05	1.45

¹ Includes quantities used for processing and dehydration.

² Preliminary.

³ Equivalent 50-pound sacks.

⁴ Includes some quantities not harvested.

⁵ Average 1943-46 for Arizona and New Mexico; 1939-46 for Georgia; 1944-46 for Kansas; 1941-46 for Oregon, Malheur County and other.

⁶ Shifted to late spring, starting with 1946 crop.

Bureau of Agricultural Economics.

TABLE 328.—Peas, green, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-48

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²
	Acres	Bushels ³	1,000 bushels ³	Dollars	1,000 dollars	Acres	Pounds ⁴	Tons ⁴	Dollars	1,000 dollars
1929.....	64,150	85	5,430	1.66	9,102	232,920	1,750	203,810	57.82	11,784
1930.....	80,389	86	6,925	1.45	9,862	266,740	1,833	244,470	57.57	14,075
1931.....	84,350	77	6,457	1.43	9,218	223,350	1,320	147,400	54.53	8,038
1932.....	111,460	69	7,652	1.25	9,401	187,800	1,245	116,930	43.92	5,135
1933.....	109,020	84	9,142	.93	8,315	217,430	1,260	136,980	42.48	5,819
1934.....	97,460	77	7,491	1.38	10,303	249,870	1,324	165,370	50.09	8,288
1935.....	111,150	79	8,826	1.12	9,779	315,040	1,702	268,100	51.80	13,888
1936.....	128,720	71	9,189	1.17	10,787	296,850	1,264	187,670	51.57	9,679
1937.....	111,470	78	8,687	1.14	9,884	334,820	1,602	268,110	52.72	14,136
1938.....	95,420	83	7,928	1.22	9,698	322,360	1,877	302,540	52.77	15,965
1939.....	101,400	91	9,229	1.13	10,389	252,430	1,570	198,110	47.25	9,361
1940.....	92,620	90	8,329	1.11	9,176	330,440	1,854	306,240	48.10	14,730
1941.....	86,550	93	7,964	1.26	10,072	361,390	1,913	345,620	48.67	16,821
1942.....	70,980	92	6,557	1.61	10,572	434,120	1,953	423,910	63.71	27,007
1943.....	63,000	97	6,092	2.30	13,951	432,980	1,903	411,690	80.24	33,051
1944.....	73,340	84	6,148	2.07	12,617	437,150	1,771	387,200	83.14	32,190
1945.....	68,630	88	6,045	2.52	14,995	453,240	2,191	496,620	83.26	41,347
1946.....	62,610	84	5,275	2.04	10,609	493,000	2,119	522,270	86.13	44,982
1947.....	44,400	99	4,389	2.16	9,472	428,140	2,031	434,810	87.19	37,909
1948 ⁵	37,550	97	3,640	2.18	7,666	372,830	1,862	347,050	90.11	31,271

¹ Includes the following quantities not harvested and excluded in computing value: 110,000 bushels in 1930, 104,000 in 1932, 210,000 in 1933, 117,000 in 1935, 16,000 in 1939, 75,000 in 1940, 24,000 in 1942, 39,000 in 1944, 90,000 in 1945, 79,000 in 1946, 12,000 in 1947, and 129,000 in 1948.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Approximately 30 pounds, in the shell.

⁴ Shelled basis. Two and one-half pounds of peas in the shell produce approximately one pound of shelled peas.

⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-23 in Agricultural Statistics, 1942, table 375.

TABLE 329.—Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	Acres	Acres	Acres	1,000 bushels ²	1,000 bushels ²	1,000 bushels ²	Dollars	Dollars	Dollars
For fresh market:									
Winter:									
Florida.....	3,710	1,350	600	268	54	36	2.04	2.50	2.55
Texas.....	4,390	2,000	1,800	257	120	72	1.40	1.65	2.15
California, Imperial Valley.....	6,250	4,000	3,900	517	340	117	2.46	2.75	3.85
Total or average.....	14,350	7,350	6,300	1,042	514	225	2.05	2.47	3.10
Early spring:									
California.....	23,000	12,000	10,100	1,900	1,440	1,212	1.76	2.30	2.35
Alabama.....	40			3			1.10		
Mississippi.....	1,430	300	250	87	15	10	1.42	2.55	2.80
Georgia.....	1,560	400		87	20		1.67	2.15	
South Carolina.....	3,040	1,200	900	148	60	45	1.26	1.60	2.45
North Carolina.....	1,750	100	100	107	5	5	1.19	1.60	3.50
Virginia.....	920			60			.96		
Total or average.....	31,420	14,000	11,350	2,373	1,540	1,272	1.66	2.27	2.36

See footnotes at end of table.

TABLE 329.—Peas, green, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948—Continued

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For fresh market (cont'd):									
Late spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels²</i>	<i>1,000 bushels²</i>	<i>1,000 bushels²</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maryland.....	160			9			1.26		
New Jersey.....	1,740	1,000	900	107	35	50	1.77	2.40	2.40
Idaho.....	2,020	1,200	1,700	³ 236	168	³ 204	.75	1.00	.01
Washington.....	2,050	1,700	1,700	³ 412	374	340	1.39	2.10	1.80
Nevada.....	⁴ 20			⁴ 4			⁴ .35		
New Mexico.....	⁴ 220	100	100	⁴ 13	7	8	⁴ 3.40	2.10	1.00
Oregon.....	⁴ 950	650	600	⁴ 124	³ 110	³ 75	⁴ 2.40	2.35	2.25
Total or average.....	6,220	4,650	5,000	793	694	677	1.23	1.88	1.48
Summer:									
New York.....	4,670	2,200	2,400	480	242	300	1.60	2.65	1.80
Colorado.....	11,860	10,000	6,400	1,192	900	640	1.12	1.50	1.75
Utah.....	640			³ 76			1.32		
Idaho.....	2,430	300	600	204	21	³ 36	1.05	.50	.50
Oregon.....	700			79			1.58		
Total or average.....	20,300	12,500	9,400	2,032	1,163	976	1.26	1.72	1.73
Early fall:									
California, other.....	6,960	3,600	4,300	816	432	430	2.48	2.85	3.00
New Mexico.....	330			23			1.53		
Arizona.....	120			14			1.60		
Total or average.....	7,410	3,600	4,300	852	432	430	2.46	2.85	3.00
Late fall: California, Imperial Valley.....	2,800	2,300	1,200	133	46	60	2.52	4.20	3.00
United States.....	82,500	44,400	37,550	7,225	4,389	3,640	1.64	2.16	2.18
For processing:				<i>Tons⁵</i>	<i>Tons⁵</i>	<i>Tons⁵</i>			
Maine.....	4,920	6,580	6,250	4,180	4,340	4,560	70.90	85.60	87.40
New York.....	37,100	19,900	25,900	32,100	15,820	25,900	69.60	82.80	83.80
New Jersey.....	4,100	4,600	4,400	3,850	3,770	4,840	91.50	108.00	105.40
Pennsylvania.....	12,160	15,300	11,700	13,160	16,980	15,210	72.70	93.80	91.70
Ohio.....	6,060	2,700	2,400	4,540	1,510	1,690	60.00	77.50	81.00
Indiana.....	9,600	3,300	4,400	7,470	2,540	2,380	58.50	77.60	73.50
Illinois.....	18,100	18,100	19,300	17,070	23,170	23,740	67.20	90.70	92.70
Michigan.....	11,030	7,000	7,800	9,170	3,850	5,150	60.40	79.90	76.80
Wisconsin.....	125,060	136,500	115,000	113,540	144,010	82,220	63.40	82.90	91.40
Minnesota.....	30,450	42,700	44,100	27,800	40,350	38,810	64.30	81.30	100.90
Iowa.....	3,210	3,800	3,150	3,060	2,090	3,090	63.70	81.30	91.60
Maryland.....	14,600	12,600	6,650	12,920	10,960	7,250	71.00	83.60	81.60
Delaware.....	3,520	1,600	950	2,310	860	1,780	71.30	95.70	95.60
Virginia.....	2,400	2,000	1,700	2,480	980	1,420	70.30	86.10	83.30
Idaho.....	3,620	11,600	9,400	3,420	16,820	8,980	61.30	92.20	92.20
Colorado.....	4,100	3,900	3,500	3,740	4,100	2,920	55.00	77.00	78.90
Utah.....	14,000	11,800	9,200	19,610	18,880	11,000	61.20	86.90	83.80
Washington.....	37,350	55,600	47,600	49,360	55,600	51,880	65.20	97.70	87.70
Oregon.....	31,860	57,200	41,300	34,430	58,340	48,730	61.20	83.20	88.40
California.....	3,860	4,160	3,270	3,430	3,890	2,380	55.00	76.80	76.90
Other States ⁶	8,030	7,200	4,860	7,610	5,950	3,620	59.92	81.51	88.67
Total or average.....	385,190	428,140	372,830	366,250	434,810	347,050	64.60	87.19	90.11
For freezing.....	⁷ 47,800	80,500	59,440	⁷ 35,140	71,660	58,200	⁷ 76.54	98.56	98.92
For canning and other processing.....	⁷ 351,540	347,640	313,390	⁷ 342,560	363,150	288,850	⁷ 66.48	84.94	88.33
Grand total.....	467,690	472,540	410,380	409,610	461,130	368,890	⁸ 88.31	⁸ 102.77	⁸ 105.77

¹ Preliminary.² Approximately 30 pounds, in the shell.³ Includes some quantities not harvested.⁴ Average 1939-46 for Georgia; 1941-42 for Nevada; 1945-46 for New Mexico and Oregon.⁵ Shelled basis. Two and one-half pounds of peas in the shell produce approximately one pound of shelled peas.⁶ Arkansas, Georgia, Kansas, Montana, Nebraska, Oklahoma, Tennessee, Texas, and Wyoming.⁷ Average 1939-46.⁸ Derived price per ton on shelled basis.

Bureau of Agricultural Economics.

TABLE 330.—Peppers, green, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-48

Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²
	<i>Acres</i>	<i>Bu.³</i>	<i>1,000 bu.³</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bu.³</i>	<i>1,000 bu.³</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	16,400	230	3,775	1.11	4,191	1939	23,280	247	5,740	0.86	4,917
1930	19,590	221	4,335	.94	4,055	1940	22,210	227	5,042	.86	4,321
1931	17,900	252	4,507	.77	3,443	1941	23,920	204	4,874	.95	4,651
1932	17,020	224	3,819	.72	2,747	1942	21,330	230	4,896	1.30	6,345
1933	18,650	251	4,674	.52	2,418	1943	23,440	206	4,828	2.31	11,154
1934	18,350	199	3,648	.67	2,442	1944	25,700	211	5,414	1.73	9,259
1935	17,870	206	3,680	.76	2,814	1945	28,230	232	6,563	2.03	13,322
1936	20,320	233	4,735	.62	2,874	1946	32,800	231	7,572	1.80	12,938
1937	20,600	233	4,805	.73	3,518	1947	31,150	194	6,038	2.39	14,323
1938	22,560	241	5,447	.63	3,422	1948 ⁴	33,200	225	7,470	1.75	12,628

¹ Includes the following quantities not harvested and excluded in computing value: 58,000 bushels in 1931, 115,000 in 1936, 68,000 bushels in 1944, 5,000 in 1945, 399,000 in 1946, 55,000 in 1947, and 250,000 in 1948.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Approximately 25 pounds.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1921-28 in Agricultural Statistics, 1942, table 378.

TABLE 331.—Peppers, green, commercial crop: Acreage, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels²</i>	<i>1,000 bushels²</i>	<i>1,000 bushels²</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida	2,930	3,550	2,450	³ 888	1,172	³ 980	2.06	3.75	2.45
Spring: Florida	3,060	5,400	8,300	³ 802	594	³ 1,950	1.80	5.20	1.80
Early summer:									
Louisiana	1,320	1,650	1,850	237	³ 280	333	1.43	2.80	2.00
Mississippi	330	900	1,100	46	117	107	1.22	2.30	1.70
Georgia	30			5			.96		
North Carolina	2,340	3,300	3,400	369	412	476	1.08	1.35	2.00
South Carolina	100			15			1.11		
Total or average	4,110	5,850	6,350	671	809	916	1.22	1.93	1.96
Late summer:									
New Jersey	7,830	9,300	8,500	1,728	1,767	1,913	.84	1.10	1.30
California	2,260	2,600	2,500	661	832	825	1.28	2.05	1.50
Total or average	10,090	11,900	11,000	2,390	2,599	2,738	.96	1.40	1.36
Fall:									
Virginia	4,650	800	1,400	⁴ 163	184	308	⁴ 1.60	2.30	1.20
Florida	1,800	450	900	388	88	158	1.79	3.75	3.70
Texas	2,420	3,200	2,800	379	592	420	1.14	2.30	2.45
Total or average	4,290	4,450	5,100	784	864	886	1.45	2.01	1.86
United States	24,470	31,150	33,200	5,532	6,038	7,470	1.32	2.39	1.75

¹ Preliminary.

² Approximately 25 pounds.

³ Includes some quantities not harvested.

⁴ Short-time average: Virginia, 1946—first year of estimate.

Bureau of Agricultural Economics.

TABLE 332.—*Pimientos, commercial crop for processing: Acreage, yield, production, season average price per ton received by farmers, and value, California and Georgia, 1929-48*

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	9,020	2.15	19,350	36.90	714	1939	22,090	1.05	23,210	28.13	653
1930	8,940	1.72	15,340	37.68	578	1940	15,490	.84	13,030	27.65	360
1931	6,740	1.34	9,050	33.15	300	1941	12,740	.87	11,140	33.75	376
1932	8,910	1.72	15,340	31.10	477	1942	11,440	1.28	14,650	41.84	613
1933	5,780	1.34	7,750	28.26	219	1943	8,890	.96	8,570	50.06	429
1934	9,540	1.65	15,770	29.68	468	1944	6,460	1.33	8,580	55.13	473
1935	13,560	1.44	19,570	30.35	594	1945	8,880	1.42	12,650	60.00	759
1936	11,090	1.26	14,020	29.96	420	1946	13,770	1.68	23,160	60.10	1,392
1937	12,190	1.56	19,030	33.68	641	1947	16,670	1.18	19,630	60.00	1,178
1938	26,390	1.47	38,840	33.16	1,288	1948 ¹	14,300	1.25	17,880	70.00	1,252

¹ Preliminary. Georgia only; California estimates discontinued.

Bureau of Agricultural Economics. Data for 1926-28 in Agricultural Statistics 1942, table 380.

TABLE 333.—*Potatoes: Production, farm disposition, and merchantable stocks, United States, 1939-48*

Crop of—	Production ¹	Farm disposition				Merchantable stocks on hand Jan. 1 of succeeding year ³
		Fed to livestock, shrinkage, and loss after harvest	For farm household use	Used for seed on farms where grown ²	Sold	
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939	342,420	24,319	60,709	27,374	230,018	97,216
1940	375,774	28,948	62,180	25,896	425,870	111,272
1941	355,602	27,055	60,456	26,193	241,898	104,288
1942	370,489	23,565	58,853	27,411	260,660	100,780
1943	464,999	43,108	63,073	22,636	336,182	134,020
1944	383,134	24,729	51,431	20,672	286,302	103,880
1945	418,765	27,837	50,746	18,355	321,827	120,490
1946	484,174	30,180	50,205	15,767	388,022	152,170
1947	389,048	22,703	40,129	15,041	311,175	120,670
1948 ⁶	445,850	24,578	38,372	13,999	368,901	137,520

¹ These production figures are unrevised for the years 1939-44 and do not agree with similar data in other tables.

² Relates to quantities used on farms where produced. Additional quantities of purchased potatoes are so utilized.

³ Merchantable stocks consist of potatoes held by growers, local dealers, and buyers on farms or near areas of production in the 37 late and intermediate States for sale or delivery after Dec. 31. They include potatoes held for sale or delivery to starch factories and other processors.

⁴ Included under sales are potatoes grading U. S. No. 2 or better, utilized under the Government diversion program as follows: 1937—in Maine, 2,379,000 bushels diverted to starch factories; in other States, 6,372,000 bushels diverted to livestock feed; 1940—5,263,000 bushels diverted to livestock feed.

⁵ Includes quantities diverted under Government programs to starch, dehydration, livestock feed, etc.

⁶ Preliminary.

Bureau of Agricultural Economics.

TABLE 334.—Potatoes: Acreage, production, value, and foreign trade, United States, 1929-48

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production ¹	Season average price per bushel received by farmers	Farm value	Wholesale price per bushel at New York ²	Foreign trade, year beginning July		
								Domestic exports ³	Imports ³	Net ⁴
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels	1,000 bushels
1929		2,944	109.5	322,416						
1929	3,068	3,030	110.0	333,392	1.316	438,633	1.80	2,386	6,006	-3,521
1930	3,190	3,139	109.5	343,817	.912	313,609	1.18	1,548	5,729	-4,155
1931	3,550	3,490	110.1	384,317	.460	176,932	.65	816	1,493	-585
1932	3,639	3,568	105.0	374,692	.380	141,458	.64	973	440	534
1933	3,496	3,423	100.3	343,203	.824	282,939	1.18	721	2,102	-1,381
1934		3,582	112.6	403,480						
1934	3,789	3,599	112.9	406,482	.446	181,144	.58	1,218	532	686
1935	3,558	3,469	109.2	378,895	.593	224,509	1.06	1,790	864	926
1936	3,127	2,960	109.4	323,955	1.142	370,051	1.37	1,315	1,384	-69
1937	3,119	3,055	123.2	376,448	.529	199,086	.75	2,079	683	1,396
1938	2,944	2,870	124.0	355,848	.555	197,321	.88	2,703	1,014	1,689
1939		2,644	120.4	318,256						
1939	2,867	2,813	121.7	342,372	.698	238,058	1.15	2,519	1,874	645
1940	2,886	2,832	133.1	376,920	.541	203,748	.65	2,495	930	1,565
1941	2,749	2,693	132.1	355,697	.803	285,500	1.10	2,595	592	2,003
1942	2,755	2,671	138.1	368,899	1.16	428,432	1.48	1,278	1,120	158
1943	3,355	3,239	141.7	458,887	1.30	595,754	1.67	2,531	1,491	1,040
1944		2,587	140.5	366,547						
1944	2,885	2,786	137.6	383,424	1.49	569,433	1.95	2,097	9,126	-7,029
1945	2,766	2,700	155.1	418,765	1.43	597,686	1.80	14,025	1,803	12,222
1946	2,645	2,598	186.3	484,174	1.24	598,862	1.58	13,100	4,604	8,496
1947	2,136	2,101	185.2	389,048	1.62	628,646	2.02	16,669	3,462	13,207
1948 ⁵	2,127	2,099	212.4	445,850	1.55	689,636	2.11			

¹ Includes the following quantities unharvested or not marketed on account of economic conditions (1,000 bushels): 1931-66; 1932-2,175; 1939-1,240; 1943-440; 1946-1,504. Price and value apply only to the harvested portion of the crop except in 1946 when the unharvested quantity was purchased by the Government under price-support program.

² Prices of eastern potatoes, weighted by unloads, season September-May, from records of the Production and Marketing Administration.

³ Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

⁴ The difference between total exports (domestic exports plus reexports) and total imports; beginning 1933 domestic exports minus imports for consumption;—indicates net imports.

⁵ Beginning 1933 imports for consumption.

⁶ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 383.

TABLE 335.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948¹

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Early:												
North Carolina.....	86	68	71	107	130	148	9,145	8,840	10,508	1.01	1.59	1.61
South Carolina.....	25	20	16	110	122	88	2,728	2,440	1,408	1.18	1.68	1.82
Georgia.....	24	18	16	66	79	64	1,559	1,422	1,024	1.20	1.87	1.97
Florida.....	32.6	26.6	23.7	132	123	158	4,321	3,272	3,745	1.49	1.59	2.51
Tennessee.....	41	30	27	80	96	86	3,294	2,880	2,322	1.09	1.60	1.66
Alabama.....	50	37	35	90	90	104	4,448	3,330	3,640	.96	1.46	1.71
Mississippi.....	25	20	17	67	73	71	1,680	1,460	1,207	1.06	1.56	1.96
Arkansas.....	42	28	26	80	90	91	3,312	2,520	2,366	1.09	1.56	1.71
Louisiana.....	45	31	24	60	53	59	2,688	1,643	1,416	1.06	1.60	1.91
Oklahoma.....	27	15	14	70	69	73	1,928	1,035	1,022	1.04	1.54	1.82
Texas.....	53	42	44	81	108	99	4,311	4,536	4,356	1.40	1.69	1.96
California ¹	48	62	80	322	420	405	15,768	26,040	32,400	.98	1.60	1.60
Total.....	407.4	397.6	393.7	110.8	149.4	166.2	55,181	59,418	65,414	1.09	1.60	1.72
Intermediate:												
New Jersey.....	61	58	59	173	233	231	10,473	13,514	13,629	.97	1.42	1.46
Delaware.....	4.1	3.2	2.7	85	105	80	344	336	216	1.20	1.60	1.74
Maryland.....	20.5	14.1	15.0	106	148	131	2,176	2,087	1,965	1.12	1.58	1.65
Virginia.....	74	63	63	120	150	183	8,968	9,450	11,529	1.06	1.65	1.66
Kentucky.....	42	34	31	89	99	82	3,774	3,366	2,542	1.13	1.68	1.69
Missouri.....	38	20	23	106	106	136	4,003	2,120	3,128	.98	1.51	1.56
Kansas.....	24	12	12	92	99	123	2,189	1,188	1,476	.92	1.32	1.35
Arizona.....	3.5	6.0	5.3	185	290	330	756	1,740	1,749	1.24	1.80	1.92
Total.....	267.2	210.3	211.0	122.6	160.7	171.7	32,682	33,801	36,234	1.03	1.54	1.58
Surplus late:												
Maine.....	177	184	193	285	350	380	50,964	64,400	73,340	.86	1.45	1.53
New York, Long Island.....	58	61	59	242	330	320	14,202	20,130	18,880	1.08	1.54	1.60
New York, up-State.....	138	81	85	117	160	225	15,907	12,960	19,125	1.08	1.54	1.60
Pennsylvania.....	162	109	105	123	165	185	19,816	17,985	19,425	1.19	1.75	1.65
Total.....	536	435	442	188.4	265.5	295.9	100,889	115,475	130,770	.990	1.52	1.57
Michigan.....	197	118	109	104	105	150	20,311	12,390	16,350	.98	1.72	1.40
Wisconsin.....	167	96	87	85	105	125	13,915	10,080	10,875	.94	1.64	1.60
Minnesota.....	207	121	108	94	140	155	19,334	16,940	16,740	.84	1.53	1.40
North Dakota.....	149	128	123	112	160	165	16,873	20,480	20,295	.76	1.44	1.40
South Dakota.....	30	23	20	75	85	125	2,324	1,955	2,500	.98	2.09	1.91
Total.....	751	486	447	97.7	127.3	149.4	72,758	61,845	66,760	.880	1.57	1.45
Nebraska.....	75	52	53	138	155	215	10,340	8,060	11,395	.86	1.56	1.31
Montana.....	17	13	15	112	145	160	1,875	1,885	2,400	1.07	1.98	1.60
Idaho.....	150	130	147	234	220	290	35,113	28,600	42,630	.66	1.58	1.20
Wyoming.....	14.9	10.5	12.0	146	195	200	2,111	2,048	2,400	.96	1.92	1.60
Colorado.....	81	74	78	187	250	265	15,121	18,500	20,670	.90	1.69	1.58
Utah.....	15.0	13.5	15.1	171	185	195	2,557	2,498	2,944	.92	1.97	1.57
Nevada.....	2.7	2.3	1.5	186	210	200	502	483	300	1.08	2.28	1.78
Washington.....	39	35	40	214	280	290	8,349	9,800	11,600	1.01	1.47	1.44
Oregon.....	42	38	41	219	250	280	9,299	9,500	11,480	1.05	2.01	1.48
California ¹	37	34	40	301	350	360	11,068	11,900	14,400	1.10	1.86	1.66
Total.....	473.0	402.3	442.6	202.9	231.9	271.6	96,335	93,274	120,219	.858	1.70	1.41
Total surplus late.....	1,759.6	1,323.3	1,331.6	153.9	204.5	238.6	269,982	270,594	317,749	.916	1.59	1.48

See footnotes at end of table.

TABLE 335.—Potatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948¹
—Continued.

Group and State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
Other late:	1,000 acres	1,000 acres	1,000 acres	Bu.	Bu.	Bu.	1,000 bushels	1,000 bushels	1,000 bushels	Dol-lars	Dol-lars	Dol-lars
New Hampshire.....	7.5	4.7	4.5	156	190	215	1,159	893	968	1.31	2.04	1.95
Vermont.....	12.1	7.2	7.0	134	150	185	1,613	1,080	1,295	1.30	2.13	1.90
Massachusetts.....	19.4	16.3	16.5	148	195	215	2,885	3,178	3,548	1.29	1.95	1.84
Rhode Island.....	5.5	6.3	6.8	196	240	215	1,083	1,512	1,462	1.26	1.86	1.82
Connecticut.....	17.5	14.6	14.9	184	250	225	3,218	3,650	3,352	1.28	1.94	1.87
West Virginia.....	31	25	22	97	135	95	3,029	3,375	2,090	1.28	1.83	1.96
Ohio.....	84	42	41	108	130	165	8,963	5,460	6,765	1.29	1.99	1.81
Indiana.....	44	25	23	116	150	180	4,932	3,750	4,140	1.23	2.03	1.78
Illinois.....	31	12	11	86	88	103	2,664	1,056	1,133	1.29	2.16	1.95
Iowa.....	46	13	13	99	75	110	4,457	975	1,430	1.16	2.13	1.90
New Mexico.....	3.8	3.6	3.0	77	85	90	295	306	270	1.22	1.84	1.67
Total.....	301.5	169.7	162.7	115.4	148.7	162.6	34,298	25,235	26,453	1.26	1.97	1.85
29 late States.....	2,061.1	1,493.0	1,494.3	148.5	198.1	230.3	304,280	295,829	344,202	.946	1.63	1.51
37 late and intermediate States.....	2,328.3	1,703.3	1,705.3	145.5	193.5	223.1	336,962	329,630	380,436	.954	1.62	1.52
United States.....	2,825.7	2,100.9	2,099.0	139.3	185.2	212.4	392,143	389,046	445,850	.975	1.62	1.55

¹ Early and late crops shown separately for California; total crop shown for all other States.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 336.—Potatoes, early commercial crop for market: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-48¹

Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³	Year	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³
	Acres	Bu-shels ⁴	1,000 bushels ⁴	Dollars	1,000 dollars		Acres	Bu-shels ⁴	1,000 bushels ⁴	Dollars	1,000 dollars
1929.....	275,500	132	36,402	1.28	46,471	1939.....	321,200	145	46,617	0.71	32,000
1930.....	329,200	134	44,096	1.12	49,372	1940.....	321,800	158	50,748	.67	33,991
1931.....	350,400	133	46,559	.63	29,294	1941.....	343,800	143	49,303	.67	33,115
1932.....	280,900	122	34,137	.59	20,131	1942.....	314,700	154	48,471	1.15	55,649
1933.....	263,400	121	31,991	1.03	32,965	1943.....	377,100	163	61,442	1.46	89,638
1934.....	321,000	136	43,707	.56	24,260	1944.....	375,700	140	52,574	1.51	79,230
1935.....	282,800	139	39,333	.51	20,133	1945.....	358,000	182	65,247	1.67	109,141
1936.....	278,900	136	37,931	1.33	50,415	1946.....	384,500	223	85,863	1.28	110,115
1937.....	351,500	145	51,091	.63	32,161	1947.....	304,800	218	66,491	1.54	102,604
1938.....	323,300	159	51,453	.55	28,486	1948 ⁵	320,800	239	76,780	1.64	125,801

¹ These data are included in table 334 on total potatoes.

² Includes the following quantities not harvested or not marketed and excluded in computing value: 66,000 bushels in 1931, 71,000 in 1937, and 1,240,000 in 1939.

³ Value is for marketing season and should not be confused with calendar-year income.

⁴ 60 pounds.

⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 385.

TABLE 337.—Potatoes, early commercial crop: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948¹

Group and State	Acreage			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
Winter:												
Texas.....	1,990	1,100	800	55	55	58	104	60	46	1.49	1.55	1.80
Florida.....	10,460	10,300	7,300	148	121	205	1,571	1,246	1,496	1.69	2.00	2.70
Total or average.....	12,450	11,400	8,100	134	115	190	1,675	1,306	1,542	1.68	1.98	2.67
Early spring:												
Florida.....	18,380	12,800	13,400	134	139	150	2,454	1,782	2,016	1.35	1.30	2.35
Hastings.....	13,020	9,500	10,200	142	149	160	1,832	1,416	1,632	1.38	1.30	2.50
Other.....	5,360	3,300	3,200	114	111	120	622	366	384	1.28	1.30	1.70
Texas.....	9,240	9,600	13,500	88	120	85	798	1,152	1,148	1.76	2.25	2.70
Total or average.....	27,620	22,400	26,900	118	131	118	3,252	2,934	3,164	1.44	1.67	2.48
Late spring:												
California.....	47,500	62,000	80,000	322	420	405	15,768	26,040	32,400	.98	1.60	1.60
Louisiana.....	25,500	16,000	12,000	70	60	70	1,779	960	840	1.04	1.60	1.90
Mississippi.....	4,190	2,500	1,100	86	80	85	4,358	200	94	.91	1.20	1.65
Alabama.....	24,990	18,700	18,000	117	107	140	2,884	2,001	2,520	.94	1.40	1.65
Georgia.....	2,890	1,800	1,100	116	125	90	313	225	99	1.08	1.60	1.85
South Carolina.....	14,100	11,000	8,000	141	160	100	1,955	1,760	800	1.14	1.65	1.75
Texas.....	9,020	7,400	7,700	62	75	75	553	555	578	1.16	1.50	1.85
Oklahoma.....	4,230	800	900	92	90	105	401	72	94	.88	1.30	1.75
Arkansas.....	5,390	3,700	3,900	88	95	100	474	352	390	.95	1.35	1.65
Tennessee.....	4,480	4,400	4,400	113	125	105	505	550	462	.96	1.50	1.55
North Carolina.....	35,650	29,000	31,000	144	170	210	5,126	4,930	6,510	.98	1.50	1.60
Total or average.....	177,940	157,300	168,100	168	239	266	30,115	37,645	44,787	1.00	1.57	1.62
Summer:												
Virginia.....	41,630	33,900	35,800	145	183	239	6,046	6,210	8,557	1.03	1.65	1.65
Norfolk District.....	8,770	7,500	7,800	151	200	206	1,327	1,500	1,607	1.02	1.68	1.63
Eastern Shore.....	31,240	25,500	27,000	144	178	250	4,515	4,539	6,750	1.04	1.64	1.66
Other.....	1,620	900	1,000	128	190	200	204	171	200	1.02	1.65	1.61
Maryland.....	5,960	5,500	5,800	134	200	170	809	1,100	986	1.08	1.50	1.60
Kentucky.....	3,960	3,700	3,700	130	180	120	513	666	444	1.02	1.60	1.60
Missouri.....	4,780	2,000	2,500	168	160	225	806	320	562	.89	1.40	1.50
Kansas.....	8,000	3,400	3,200	145	190	210	1,163	646	672	.88	1.25	1.30
Nebraska.....	5,020	4,400	4,000	228	240	325	1,131	1,056	1,300	.85	1.25	1.40
Texas.....	³ 7,220	7,200	7,200	³ 210	235	230	³ 1,529	1,692	1,656	⁵ 1.14	1.35	1.50
New Jersey.....	1,700	1,600	1,500	109	110	100	185	176	150	1.12	1.85	1.90
New York.....	52,320	52,000	54,000	180	245	240	9,364	12,740	12,960	.95	1.40	1.45
Total or average.....	129,150	113,700	117,700	165	216	232	21,240	24,606	27,287	.97	1.46	1.52
United States	347,160	304,800	320,800	161	218	239	56,281	66,491	76,780	1.03	1.54	1.64

¹ The States or sections are listed in the order of the usual harvesting time. Data in this table are included in table 335 on total potatoes.

² Preliminary.

³ 60 pounds.

⁴ Includes some quantities not harvested.

⁵ Average 1939-46

TABLE 338.—Potatoes: Acreage, yield per acre, and production in specified countries, average 1935-39, and annual 1946-48 ¹

Continent and country	Acreage				Yield per acre ²				Production			
	Average 1935-39 ³	1946	1947	1948 ⁴	Average 1935-39 ³	1946	1947	1948 ⁴	Average 1935-39 ³	1946	1947	1948 ⁴
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:												
Canada.....	516	520	497	508	125	154	151	181	64,386	79,938	75,190	92,100
El Salvador.....	1	1	1	2	20	19	30	50	20	19	30	100
Guatemala.....	7	12	12	12	41	50	50	50	290	600	600	600
Mexico.....	37	68	69	72	69	67	69	66	2,547	4,571	4,733	4,777
Newfoundland.....	20	20	20	20	109	110	110	94	2,185	2,200	2,200	1,870
Panama.....	1	1	1	1	40	113	57	68	40	113	57	68
United States.....	3,033	2,598	2,101	2,099	117	183	185	212	355,504	474,174	389,048	445,850
Bermuda.....	1	1	1	1	78	60	40	37	78	60	40	37
Cuba.....	16	24	25	30	117	105	120	114	1,873	2,517	3,000	3,417
Dominican Republic.....	4	4	3	3	24	19	25	24	96	77	76	73
Jamaica.....	2	2	2	3	30	59	59	50	60	118	118	100
Puerto Rico.....	1	1	1	1	23	24	24	24	23	24	24	24
Total.....	3,639	3,252	2,733	2,751	117	174	174	200	427,102	564,411	475,116	549,016
Europe:												
Albania.....	1	3	3	3	68	55	56	56	68	165	167	168
Austria.....	520	410	430	440	204	160	170	180	106,036	65,600	73,100	79,200
Belgium.....	383	196	208	218	305	277	283	360	116,872	54,279	58,793	78,376
Bulgaria.....	45	44	35	40	88	30	65	95	3,944	1,314	2,281	3,800
Czechoslovakia.....	1,766	1,582	1,482	1,362	200	213	116	177	354,022	336,553	171,875	241,683
Denmark.....	188	255	261	343	253	261	258	315	47,657	66,494	67,240	108,025
Ireland (Eire).....	328	391	383	384	300	308	253	318	98,288	120,475	97,074	122,267
Finland.....	213	190	224	257	228	172	183	280	48,624	32,623	40,932	71,834
France.....	3,489	2,760	3,106	2,587	165	167	157	223	575,533	461,827	488,539	576,204
Germany (Tri-zone).....	2,889	2,660	2,640	3,000	249	215	175	300	718,850	571,900	462,000	900,000
Germany (U. S. S. R. zone).....	2,208	2,000	2,000	1,987	242	180	150	250	534,437	360,000	300,000	496,750
Greece.....	53	74	86	68	100	118	129	169	5,308	8,745	11,063	11,519
Hungary.....	729	693	688	696	109	61	70	141	79,637	41,998	47,913	98,454
Italy.....	1,041	984	1,034	1,004	97	85	100	110	100,917	84,069	103,602	110,781
Luxemburg.....	42	20	20	22	189	246	200	267	7,929	4,931	3,997	5,874
Malta and Gozo.....	9	9	9	9	113	111	113	113	1,014	1,000	1,000	1,020
Netherlands.....	323	467	498	548	312	334	340	394	100,744	155,969	169,412	215,683
Norway.....	127	154	140	160	259	287	241	334	32,830	44,255	33,750	53,443
Poland.....	6,810	4,114	5,831	6,123	131	167	155	161	894,113	687,431	903,809	983,105
Portugal.....	77	221	237	230	270	156	159	158	20,777	34,539	37,624	36,374
Rumania.....	555	509	481	441	133	54	123	136	73,734	27,292	58,962	60,000
Spain.....	1,125	880	888	890	152	95	145	124	170,978	83,518	128,603	110,231

Sweden.....	326	353	352	365	204	202	184	218	66,631	71,320	64,604	79,546
Switzerland.....	120	196	165	154	220	202	274	268	26,430	39,675	45,209	41,298
United Kingdom.....	719	1,423	1,330	1,548	254	267	218	291	182,859	379,531	289,706	451,099
Yugoslavia.....	1,120	790	1,150	1,230	85	60	90	94	94,872	47,379	103,086	115,578
Total Europe (excl. U.S.S.R.).....	25,206	21,378	23,681	24,109	177	177	159	210	4,463,104	3,782,882	3,764,341	5,052,312
U. S. S. R. (Europe & Asia).....	21,232	18,955	20,554	22,500	131	122	128	128	2,777,395	2,312,510	2,630,000	2,880,000
Asia:												
Cyprus.....	6	6	6	7	160	200	214	191	958	1,200	1,286	1,340
Lebanon.....	12	11	11	11	68	116	116	122	816	1,280	1,280	1,340
Palestine.....	2	12	10	10	134	150	140	130	269	1,800	1,400	1,300
Syria.....	5	8	8	8	143	69	70	74	715	554	556	588
Turkey.....	135	142	153	158	49	68	78	107	6,640	9,724	11,942	16,975
Manchuria.....	600	800	950	950	100	100	93	93	60,000	80,000	88,000	88,000
India.....	449	420	410	405	150	150	146	168	67,349	63,000	60,000	68,000
Japan.....	388	477	514	558	165	136	138	143	64,100	64,678	71,098	80,028
North Korea.....	343	338	358	373	469	68	71	93	23,700	23,112	25,463	34,576
South Korea.....	47	108	115	123	164	73	72	68	7,709	7,933	8,301	8,310
Karafuto (Japanese Sakholin).....	10	10	10	10	127	130	130	130	1,270	1,300	1,300	1,300
Kwantung, Leased Territory.....	2	2	2	2	85	85	85	85	170	170	170	170
Indonesia (N. I.).....	30	15	15	15	73	60	60	60	2,200	900	900	900
Philippines, Republic of.....	1	1	1	1	70	60	60	60	8	5	6	8
Total Asia (excluding U.S.S.R.).....	2,030	2,350	2,563	2,631	116	109	106	115	235,904	255,656	271,702	302,835
South America:												
Argentina.....	373	439	425	489	71	68	92	63	26,523	29,911	39,267	30,717
Bolivia.....	65	150	150	150	52	93	98	100	3,396	14,000	14,770	15,000
Brazil.....	168	217	220	220	93	73	68	64	15,620	15,857	15,000	14,000
Chile.....	121	133	140	124	129	157	157	170	15,652	20,915	20,466	21,127
Colombia.....	170	237	240	240	79	70	77	71	13,471	16,534	18,372	17,000
Ecuador.....	80	62	60	60	55	55	51	50	4,400	3,380	3,042	3,000
Paraguay.....	1	1	1	1	58	78	80	80	58	78	80	80
Peru.....	400	360	360	360	44	62	56	56	25,000	16,000	22,450	20,209
Uruguay.....	18	20	20	24	63	55	55	57	1,135	1,108	1,099	1,379
Venezuela.....	10	10	10	10	50	50	50	50	500	500	500	588
Total.....	1,406	1,629	1,616	1,678	75	73	84	73	105,755	118,283	135,046	123,100

See footnotes at end of table.

TABLE 338.—Potatoes: Acreage, yield per acre, and production in specified countries, average 1935-39, and annual 1946-48¹—
Continued

Continent and country	Acreage				Yield per acre ²				Production			
	Average 1935-39 ³	1946	1947	1948 ⁴	Average 1935-39 ³	1946	1947	1948 ⁴	Average 1935-39 ³	1946	1947	1948 ⁴
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Africa:	40	23	17	30	109	98	97	100	4,349	2,255	1,657	3,000
Algeria.....	3	3	7	7	81	77	64	65	244	232	1,450	456
Belgian Congo.....	4	8	7	8	75	100	114	119	300	800	800	950
Kenya.....	1	1	1	1	25	27	40	50	25	27	40	50
Uganda.....	10	30	34	34	172	153	176	176	1,723	4,600	5,993	6,000
Egypt.....	1	8	11	12	7	127	118	117	7	1,014	1,300	1,400
Eritrea and Italian Somaliland.....	4	9	12	13	156	82	122	123	625	735	1,470	1,600
French Morocco.....	33	40	50	50	52	40	74	74	1,718	1,600	3,675	3,675
Madagascar.....	1	1	1	1	31	73	100	120	31	73	100	120
Mauritius.....	3	2	2	2	43	58	60	61	128	115	120	122
Mozambique.....	1	1	1	1	11	36	35	37	11	36	35	37
Nigeria and Cameroons.....	5	4	4	4	48	48	50	50	241	193	200	200
Southern Rhodesia.....	1	1	1	1	10	6	5	7	10	6	5	7
South West Africa.....	6	5	5	6	66	118	125	100	393	588	625	600
Tunisia.....	89	96	145	145	70	123	75	68	6,204	11,775	10,923	9,900
Union of South Africa.....												
Total.....	202	232	298	315	79	104	92	89	16,009	24,049	27,393	28,117
Oceania:												
Australia.....	114	145	146	120	113	140	127	135	12,900	20,312	18,591	16,221
New Zealand.....	20	19	22	20	232	227	263	250	4,650	4,322	5,787	5,000
Total.....	134	164	168	140	131	150	145	152	17,550	24,634	24,378	21,221
World total.....	53,849	47,960	51,613	54,124	149	148	142	165	8,042,819	7,082,425	7,327,976	8,956,601

¹ Years shown refer to year of harvest in the Northern Hemisphere and includes the harvest immediately following in the Southern Hemisphere.

² Yields per acre for countries having a small production were calculated on the basis of unrounded estimates of acreage.

³ Five-year average (1935-39) used, except in a few cases for which data for all five years were not available.

⁴ Preliminary.

⁵ 1940-44 average.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information.

TABLE 339.—Potatoes: United States production of certified seed, by varieties, average 1937-46, annual 1940-48

Variety	Average 1937-46	1940	1941	1942	1943	1944	1945	1946	1947	1948 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Cobbler.....	6,607	4,889	4,551	5,911	7,808	8,224	8,567	12,227	10,270	7,514
Green Mountain.....	3,110	2,960	2,781	2,393	3,126	4,318	3,377	3,486	3,312	3,327
Triumph.....	4,190	4,088	3,786	3,851	5,664	5,552	6,197	5,560	5,771	6,464
Russet Rural.....	487	512	429	416	489	537	563	764	627	490
Russet Burbank ²	1,293	863	783	760	1,485	1,783	2,985	2,492	2,250	3,466
Spaulding Rose.....	³ 94	36	20	14	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)	(⁴)
Early Ohio.....	249	429	291	174	251	238	130	168	503	285
Rural New Yorker ⁵	98	136	111	90	83	74	35	41	30	42
Katahdin.....	3,126	2,117	2,098	2,972	4,681	4,443	4,917	8,358	11,293	13,385
Chippewa.....	1,096	973	649	1,300	1,253	1,847	1,504	1,800	2,844	3,449
White Rose.....	1,164	770	830	412	1,118	1,537	2,196	3,748	3,434	4,269
Burbank.....	90	97	82	66	184	213	67	23	45	48
Sebago ⁶	³ 1,137	189	481	994	1,617	1,833	1,239	1,609	1,258	1,517
Houma ⁶	³ 170	70	268	276	204	195	107	69	118	94
Sequoia ⁶	³ 89	2	20	38	148	206	98	110	116	178
Red McClure.....	³ 529	(⁴)	(⁴)	(⁴)	330	696	539	568	852	1,030
Pontiac.....	³ 233	(⁴)	(⁴)	(⁴)	129	252	328	414	253	937
Kasota.....	³ 21	(⁴)	(⁴)	(⁴)	15	13	39	17	3	6
Menominee.....	³ 28	(⁴)	(⁴)	(⁴)	-----	13	41	57	22	8
Warba.....	³ 88	(⁴)	(⁴)	(⁴)	170	112	67	40	101	37
Red Warba.....	³ 198	(⁴)	(⁴)	(⁴)	157	250	192	338	546	493
Other varieties.....	376	600	352	825	159	161	103	518	646	1,536
Total.....	2,453	18,731	17,532	20,492	29,071	32,497	33,291	42,407	44,294	48,575

¹ Preliminary.

² Also called Netted Gem.

³ Short-time average.

⁴ Included in "Other varieties."

⁵ Also called White Rural or Smooth Rural.

⁶ Some of the production prior to 1940 may be included in "Other varieties."

Bureau of Agricultural Economics. See table 341 for data on a State basis. Data for war-approved seed potatoes 1943-45 in Agricultural Statistics, 1948, tables 333 and 336.

TABLE 340.—Potatoes: Canadian production of certified seed in New Brunswick, Nova Scotia, and Prince Edward Island, by varieties, average 1937-46, annual 1940-48

Variety	Average 1937-46	1940	1941	1942	1943	1944	1945	1946	1947	1948 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Cobbler.....	1,667	2,098	1,015	1,191	737	1,908	1,970	2,788	2,576	2,220
Green Mountain.....	2,029	2,858	1,283	1,394	851	1,533	2,404	3,134	3,182	2,267
Katahdin.....	986	1,050	849	884	1,091	1,627	1,365	2,425	3,206	5,174
Chippewa.....	8	17	9	6	4	3	7	7	9	8
Sebago.....	² 658	(³)	(³)	(³)	206	274	552	1,601	1,585	1,492
Other varieties.....	458	571	383	361	301	332	249	562	515	441
Total.....	5,410	6,594	3,539	3,836	3,190	5,677	6,547	10,517	11,073	11,602

¹ Preliminary.

² Short-time average.

³ Included in "Other varieties."

Bureau of Agricultural Economics. Obtained from official reports of Canadian seed-potato certifying agencies.

TABLE 341.—Potatoes: Production of certified seed, by States, and United States imports, average 1937-46, annual 1940-48

State	Average 1937-46	1940	1941	1942	1943	1944	1945	1946	1947	1948 ¹
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Maine.....	10,253	8,466	7,693	9,509	13,067	14,782	11,625	18,240	20,553	21,626
New Hampshire.....	33	19	46	38	46	40	43	24	37	51
Vermont.....	115	100	108	97	168	148	67	123	130	196
New York.....	799	517	617	781	1,025	1,149	1,244	1,434	1,292	1,598
New Jersey.....	67	100	60	103	53	46	38	40	30	36
Pennsylvania.....	240	220	242	211	308	298	192	368	311	459
Ohio.....	(²)				1	1	1			
Michigan.....	380	408	324	344	423	490	547	588	442	350
Wisconsin.....	405	207	177	247	219	540	787	1,064	1,403	1,505
Minnesota.....	2,581	1,954	2,122	2,412	3,505	3,880	3,535	3,920	4,593	4,689
Iowa.....									77	
North Dakota.....	3,548	2,208	2,282	3,282	5,084	4,512	6,067	6,661	6,179	6,184
South Dakota.....	472	168	276	406	887	952	1,241	530	884	1,205
Nebraska.....	770	1,007	1,007	485	483	630	1,231	1,214	676	786
Maryland.....	32	31	18	35	43	35	35	44	24	11
North Carolina.....	13	1	11	18	34	38	10	12	23	74
Georgia.....	³ 4	20	1		1	3				
Kentucky.....	3	3	2	5	2	5	3	4	3	3
Tennessee.....	39	44	38	51	37	31	49	51	55	70
Louisiana.....	12	1	7	83						
Montana.....	252	235	221	204	289	344	409	375	473	607
Idaho.....	576	380	368	262	450	776	1,468	1,381	884	1,408
Wyoming.....	326	702	275	226	185	287	350	550	295	178
Colorado.....	826	838	458	972	751	1,212	1,116	1,302	1,526	1,844
New Mexico.....	2	2					8	8		
Arizona.....	(²)									
Utah.....	96	58	58	55	61	60	173	251	242	277
Washington.....	307	424	440	165	248	321	282	491	384	565
Oregon.....	532	593	562	372	516	674	744	935	1,035	1,288
California.....	770	25	59	129	1,185	1,303	2,026	2,797	2,743	3,566
United States.....	23,453	18,731	17,532	20,492	29,071	32,497	33,291	42,407	44,294	48,575
Imports of certified seed from Canada.....	1,238	843	745	770	1,056	1,941	2,135	2,078	2,434	4,098

¹ Preliminary.² Less than 500 bushels.³ Short-time average.

Bureau of Agricultural Economics. Compiled from reports of State seed-potato certifying agencies. Imports from Foreign Commerce and Navigation of the U. S., Department of Commerce. See table 339 for data on a variety basis. Data for war-approved seed potatoes 1943-45 in Agricultural Statistics, 1948, tables 333 and 336.

TABLE 342.—Potato futures: Volume of trading and annual average of month-end open contracts, by contract markets, and highest and lowest prices, New York Mercantile Exchange, 1939-48

Year	Volume of trading			Average of open contracts			Price per 100 pounds, New York Mercantile Exchange ¹	
	Chicago Mercantile Exchange	New York Mercantile Exchange	Total	Chicago Mercantile Exchange	New York Mercantile Exchange	Total	Highest	Lowest
	Carlots ²	Carlots ²	Carlots ²	Carlots ²	Carlots ²	Carlots ²	Dollars	Dollars
1939.....	223		223	15		15		
1940.....	41		41	2		2		
1941.....	7,926	35	7,931	437	(4)	437		
1942.....	6,352	585	6,937	503	69	572	2.73	1.85
1943.....	1,187	202	1,389	122	12	134	2.94	2.20
1944.....	703	339	1,042	52	31	83	3.25	2.40
1945.....	533	80	613	43	8	51	3.25	2.40
1946.....	289	15,897	16,186	44	1,537	1,581	3.35	2.00
1947.....	25	19,376	19,401	1	1,345	1,346	4.16	2.30
1948.....	4	19,809	19,813	2	1,058	1,060	4.02	2.54

¹ Maine U. S. Standard No. 1 A. Highest and lowest prices on the Chicago Mercantile Exchange, 1938-47 in Agricultural Statistics, 1948, table 337.

² Ranging between 36,000 and 45,000 pounds at Chicago and between 40,000 and 50,000 pounds at New York.

³ Trading began Dec. 2, 1941.

⁴ Less than 1 carlot.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members. Prices from records of the New York Mercantile Exchange.

TABLE 343.—Shallots, commercial crop: Acreage, yield, production, season average price per bushel received by farmers, and value, Louisiana, 1937-48

Year	Acreage for harvest	Yield per acre	Production	Price	Farm value ¹	Year	Acreage for harvest	Yield per acre	Production	Price	Farm value ¹
	Acres	Bushels ²	1,000 bushels ²	Dollars	1,000 dollars		Acres	Bushels ²	1,000 bushels ²	Dollars	1,000 dollars
1937.....	6,000	120	721	0.71	512	1943.....	5,000	90	450	1.49	671
1938.....	5,700	86	490	1.06	520	1944.....	4,000	85	339	2.37	805
1939.....	5,400	125	367.4	.50	316	1945.....	4,900	124	609	1.66	1,011
1940.....	4,700	127	596	.65	390	1946.....	5,400	124	668	1.90	1,269
1941.....	4,100	121	495	.93	459	1947.....	4,700	94	443	1.99	882
1942.....	5,200	131	682	.88	564	1948 ⁴	4,800	106	509	1.64	836

¹ Value is for the marketing season and should not be confused with calendar-year income.

² 5 dozen bunches (approximately 25 pounds).

³ Includes 48,000 bushels not harvested and excluded in computing value.

⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 344.—*Spinach, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, and value, United States, 1929-48*

Year	For fresh market ¹					For processing				
	Acreage for harvest	Yield per acre	Production ²	Price	Farm value ³	Acreage for harvest	Yield per acre	Production	Price	Farm value ³
	<i>Acres</i>	<i>Bushels</i> ⁴	<i>1,000 bushels</i> ⁴	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	53,690	300	16,110	0.49	6,280	18,170	5.33	96,900	16.76	1,624
1930.....	46,130	263	12,147	.52	6,333	9,350	4.11	38,400	14.79	568
1931.....	51,870	284	14,736	.42	6,126	7,850	4.42	34,700	12.82	445
1932.....	52,570	264	13,877	.45	6,274	5,540	3.70	20,500	12.98	266
1933.....	66,920	195	13,041	.37	4,827	10,100	3.52	36,000	12.03	433
1934.....	60,970	230	14,044	.42	5,836	15,290	2.70	41,300	11.86	490
1935.....	61,970	208	12,881	.55	7,088	15,180	3.51	53,300	12.35	658
1936.....	81,520	191	15,696	.42	6,505	27,020	2.35	63,400	13.31	844
1937.....	75,740	218	16,525	.36	5,991	23,720	2.18	64,800	14.21	921
1938.....	70,090	207	14,491	.38	5,466	22,420	1.89	42,300	15.37	650
1939.....	63,760	225	14,345	.37	5,236	19,860	2.69	53,400	16.55	884
1940.....	64,900	221	14,320	.48	6,815	21,340	2.05	43,700	19.93	871
1941.....	63,050	206	13,003	.51	6,626	19,940	2.25	44,900	24.03	1,079
1942.....	70,780	209	14,818	.61	9,050	46,240	2.47	114,400	38.72	4,429
1943.....	74,150	201	14,932	.96	14,310	39,030	2.10	82,000	53.00	4,346
1944.....	73,350	203	14,854	.81	11,635	44,100	2.42	106,900	49.91	5,335
1945.....	66,220	218	14,410	.91	13,045	35,960	2.48	89,300	50.67	4,525
1946.....	67,450	204	13,783	.79	10,869	36,020	2.45	88,400	42.57	3,763
1947.....	61,980	197	12,241	.91	11,129	24,060	2.31	55,500	39.14	2,172
1948 ⁵	59,400	213	12,644	.92	11,030	21,550	2.27	48,900	46.05	2,252

¹ Includes quantities used for processing in some States.

² Includes the following quantities not marketed and excluded in computing value: 3,195,000 bushels in 1929, 19,000 in 1931, 31,000 in 1932, 100,000 in 1939, 38,000 in 1940, 464,000 in 1944, 16,000 in 1946, 72,000 in 1947, and 646,000 in 1948.

³ Value is for the marketing season and should not be confused with calendar-year income.

⁴ Approximately 18 pounds.

⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 397.

TABLE 345.—Spinach, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For fresh market: ²									
Winter				1,000 bushels ³	1,000 bushels ³	1,000 bushels ³	Dollars	Dollars	Dollars
Texas.....	39,030	34,400	32,000	4,534	4,128	4,160	.61	1.15	1.15
Louisiana.....	1,120	800	700	101	52	49	.80	1.35	1.45
California.....	3,330	4,350	4,600	1,585	1,501	1,656	.57	.65	.65
Total or average.....	43,520	39,550	37,300	7,027	5,681	5,865	.60	1.02	1.00
Spring:									
Washington.....	500	780	800	4218	4406	4384	.52	.65	.90
Virginia.....	2,816	1,600	1,200	915	520	396	.61	.65	.85
Maryland.....	700	650	600	156	150	144	.68	.70	1.10
Missouri.....	960	800	700	210	200	210	.50	.80	.70
Arkansas.....	650	450	300	116	90	54	.70	1.10	.70
Oklahoma.....	510	800	700	88	144	94	.44	.42	.65
New Jersey.....	1,750	1,600	1,600	634	544	608	.61	.85	.90
Pennsylvania.....	2,080	2,100	2,200	642	588	660	.66	.75	.85
Illinois.....	740	650	650	166	124	130	.64	1.10	1.05
Total or average.....	10,690	9,430	8,750	3,146	2,766	2,680	.61	.75	.87
Summer:									
New York.....	2,490	2,300	2,400	1,144	920	1,020	.76	1.00	.90
Colorado.....	2,030	1,900	1,700	4334	4352	4272	.62	.85	1.10
Washington.....	870	700	910	455	332	410	.36	.55	.55
Total or average.....	5,390	4,900	5,010	1,933	1,604	1,702	.63	.88	.84
Early fall:									
Maryland.....	770	700	700	148	105	140	.78	1.10	1.05
New Jersey.....	1,880	1,900	2,000	547	608	720	.72	.80	.90
Pennsylvania.....	2,140	2,300	2,500	4636	736	825	.77	1.00	.85
Illinois.....	580	400	400	110	76	60	.67	1.00	.90
Missouri.....	760	600	1,000	172	150	210	.49	.45	.60
Total or average.....	6,130	5,900	6,600	1,614	1,675	1,955	.71	.88	.86
Late fall:									
Virginia.....	1,970	1,100	1,000	583	330	330	.68	.95	.80
Arkansas.....	360	400	300	71	80	54	.59	.70	1.05
Oklahoma.....	900	700	500	175	105	58	.54	.70	1.10
Total or average.....	3,220	2,200	1,800	828	515	442	.63	.86	.87
United States.....	63,950	61,980	59,460	14,548	12,241	12,644	.62	.91	.92
For processing:				Tons	Tons	Tons			
Texas, winter.....	5,330	5,000	4,500	7,800	7,500	7,600	36.70	40.00	37.50
California, winter.....	10,130	6,460	4,800	36,100	28,400	23,000	19.90	27.30	25.00
Virginia.....	⁵ 1,780	900	800	⁵ 4,600	2,200	1,500	⁵ 50.90	81.20	80.00
Spring.....	1,120	190	600	2,900	400	900	50.40	72.10	80.00
Fall.....	660	710	200	1,700	1,800	600	51.50	83.20	80.00
Maryland.....	1,320	300	700	3,200	500	1,500	53.70	72.00	90.00
Spring.....	610	200	400	1,400	400	900	50.50	67.50	90.00
Fall.....	710	100	300	1,800	100	600	61.70	89.30	90.00
Arkansas.....	5,350	5,800	6,750	9,700	9,300	10,800	55.30	54.20	73.60
Spring.....	2,880	3,500	4,750	5,000	5,600	7,600	55.40	46.70	65.80
Fall.....	2,470	2,300	2,000	4,700	3,700	3,200	53.10	65.30	92.10
Oklahoma.....	7,750	5,600	4,000	12,500	7,600	4,500	52.00	49.70	76.00
Spring.....	3,810	2,800	2,500	6,100	4,500	3,000	44.10	39.00	64.00
Fall.....	3,940	2,800	1,500	6,400	3,100	1,500	58.00	65.00	100.00
Total or average.....	31,660	24,060	21,550	73,900	55,500	48,900	34.50	39.14	46.05
Grand total	100,610	86,040	81,010	Tons 204,800	Tons 165,700	Tons 162,700	⁶ 57.69	⁶ 80.56	⁶ 81.65

¹ Preliminary.² Includes quantities used for processing in some States.³ Approximately 18 pounds.⁴ Includes some quantities not harvested.⁵ Average 1938-46.⁶ Derived price per ton.

Bureau of Agricultural Economics.

TABLE 346.—Sweetpotatoes: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-48

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>1,000 acres</i>	<i>Bu- shels¹</i>	<i>1,000 bushels¹</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Bu- shels¹</i>	<i>1,000 bushels¹</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	650	100.3	65,193			1939	696	84.3	58,658		
1929	647	100.5	65,014	1.12	73,003	1939	728	84.8	61,744	.734	45,340
1930	670	81.5	54,577	1.06	57,751	1940	648	79.8	51,690	.854	44,160
1931	854	78.8	67,314	.671	45,190	1941	731	85.5	62,517	.922	57,650
1932	1,059	81.8	86,594	.469	40,650	1942	687	95.3	65,469	1.18	77,548
1933	907	82.3	74,619	.684	51,042	1943	857	83.1	71,142	2.06	146,413
1934	867	80.6	77,983			1944	673	94.0	63,288		
1934	959	81.0	77,677	.752	58,409	1944	726	94.0	68,251	1.90	129,912
1935	944	86.1	81,249	.671	54,545	1945	671	96.3	64,665	2.04	131,619
1936	769	77.7	59,765	.921	55,045	1946	676	98.2	66,424	2.18	144,496
1937	768	88.7	68,144	.780	53,138	1947	594	93.9	55,746	2.17	120,879
1938	793	86.5	68,603	.698	47,868	1948 ²	514	96.9	49,806	2.23	111,272

¹ Approximately 55 pounds.² Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1899-1928 in Agricultural Statistics, 1942, table 398, but price and value for 1910-28 have since been revised.

TABLE 347.—Sweetpotatoes: Production and farm disposition, United States, 1939-48

Crop of—	Production	Used for seed ¹		Fed to livestock, shrinkage, and loss after harvest	For farm household use	Sold
		Total	On farms where grown			
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1939	61,744	3,331	2,537	11,993	22,752	24,462
1940	51,699	3,725	2,825	8,483	19,020	21,371
1941	62,517	3,513	2,682	12,512	22,062	25,261
1942	65,469	4,398	3,305	12,977	21,944	27,243
1943	71,142	3,783	2,874	15,786	23,771	28,711
1944	68,251	3,468	2,630	14,087	21,745	29,789
1945	64,665	3,531	2,604	13,092	21,020	27,949
1946	66,424	3,197	2,357	14,081	20,817	29,169
1947	55,746	2,686	1,926	13,526	17,878	22,416
1948 ²	49,806	2,538	1,834	9,673	16,898	21,396

¹ The difference between total seed and used for seed on farms where grown represents sweetpotatoes purchased for seed and is duplicated under quantities "sold."² Preliminary.

Bureau of Agricultural Economics. Data for 1929-38 in Agricultural Statistics, 1948, table 343.

TABLE 348.—Sweetpotatoes: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State and group	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	1,000 acres	1,000 acres	1,000 acres	Bu. ²	Bu. ²	Bu. ²	1,000 bu. ²	1,000 bu. ²	1,000 bu. ²	Dol- lars	Dol- lars	Dol- lars
New Jersey.....	16	16	15	134	135	170	2,094	2,160	2,550	1.80	2.42	2.35
Delaware.....	2.2	1.0	8	122	120	90	268	120	72	1.36	1.96	1.98
Maryland.....	8.6	9.5	8.5	150	140	145	1,304	1,330	1,232	1.31	1.88	1.90
Virginia.....	30	28	26	114	125	135	3,466	3,500	3,510	1.25	1.80	1.80
Total.....	56.8	54.5	50.3	125.6	130.5	146.4	7,132	7,110	7,364	1.43	2.01	2.01
North Carolina.....	75	59	49	104	115	115	7,823	6,785	5,635	1.34	2.21	2.30
South Carolina.....	59	49	42	91	110	102	5,350	5,390	4,284	1.26	2.02	2.20
Georgia.....	96	71	58	76	85	85	7,284	6,035	4,930	1.33	2.18	2.40
Florida.....	18	17	15	66	75	64	1,167	1,275	960	1.54	2.53	2.62
Total.....	248	196	164	87.2	99.4	96.4	21,624	19,485	15,809	1.33	2.17	2.32
Kentucky.....	16	13	12	85	80	80	1,362	1,040	960	1.31	2.36	2.30
Tennessee.....	40	25	20	96	93	100	3,862	2,325	2,000	1.31	2.30	2.35
Alabama.....	75	62	53	78	82	85	5,898	5,084	4,505	1.39	2.32	2.27
Mississippi.....	65	50	43	88	87	100	5,727	4,350	4,300	1.39	2.48	2.40
Arkansas.....	24	17	15	81	70	93	1,938	1,190	1,395	1.44	2.42	2.30
Louisiana.....	102	90	77	83	87	95	8,570	7,830	7,315	1.07	1.52	1.60
Oklahoma.....	10	7	6	67	60	68	675	420	408	1.58	2.60	2.55
Texas.....	61	55	50	84	85	65	5,121	4,675	3,250	1.41	2.42	2.62
Total.....	394	319	276	84.2	84.4	87.4	33,153	26,914	24,133	1.30	2.14	2.15
Indiana.....	2.1	1.3	1.3	103	115	110	217	150	143	1.60	2.62	2.57
Illinois.....	3.3	2.2	2.0	89	70	95	292	154	190	1.36	2.22	2.10
Iowa.....	2.1	1.8	1.8	97	90	95	201	162	171	1.64	2.63	2.48
Missouri.....	8	6.3	7.0	95	85	105	753	536	735	1.49	2.49	2.42
Kansas.....	2.5	1.8	1.4	110	75	115	278	135	161	1.53	2.07	2.35
California.....	11	11	10	108	100	110	1,216	1,100	1,100	2.12	3.64	4.07
Total.....	29	24.4	23.5	102.3	91.7	106.4	2,957	2,237	2,500	1.75	3.03	3.13
United States.....	728.4	593.9	513.8	89.2	93.9	96.9	64,866	55,746	49,806	1.33	2.17	2.23

¹ Preliminary.² Approximately 55 pounds.

Bureau of Agricultural Economics.

TABLE 349.—Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For fresh market:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 bushels²</i>	<i>1,000 bushels²</i>	<i>1,000 bushels²</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Winter: Florida.....	13,010	10,100	8,850	³ 1,855	949	885	3.98	5.75	7.20
Early spring:									
Florida.....	14,580	9,450	14,700	³ 1,379	1,030	2,426	3.68	6.00	5.50
Texas, Lower Valley.....	30,360	41,600	33,800	2,244	2,912	2,197	1.72	2.75	2.40
California, Imperial Valley.....	4,540	4,500	4,400	706	1,035	823	4.12	5.70	5.50
Total or average.....	49,480	55,550	52,900	4,329	4,977	5,446	2.69	4.04	4.25
Late spring:									
Texas, other.....	30,460	36,000	30,000	2,103	2,700	2,100	1.90	2.30	3.00
Louisiana.....	2,870	1,800	1,600	200	108	120	2.04	2.55	3.50
Mississippi.....	6,390	3,300	3,800	³ 607	248	255	1.58	3.35	3.50
South Carolina.....	5,260	3,600	3,400	292	216	221	2.30	3.00	2.50
Georgia.....	5,470	5,000	5,100	³ 399	380	408	1.88	3.30	3.30
Alabama.....	⁴ 3,000	3,000	3,800	⁴ 250	240	304	⁴ 1.89	2.45	2.55
Total or average.....	52,840	52,700	47,700	3,800	3,892	3,408	1.86	2.52	3.02
Early summer:									
California.....	9,720	10,500	9,400	1,690	2,100	2,012	2.38	3.10	3.00
Arkansas.....	4,010	6,500	5,500	359	455	468	1.67	2.50	2.80
Tennessee.....	5,000	4,100	3,500	³ 864	594	560	1.68	1.25	2.15
North Carolina.....	1,090	300	650	³ 77	22	46	1.41	1.95	2.30
Virginia.....	2,180	2,000	1,900	290	380	376	1.08	1.65	1.55
Kentucky.....	1,160	700	500	150	91	75	1.62	2.90	2.30
Illinois.....	680	1,100	1,200	71	99	150	2.25	3.10	3.10
Missouri.....	5,740	6,500	5,500	558	715	605	1.74	2.50	2.85
Ohio.....	690	690	650	149	138	³ 143	2.95	5.65	5.05
Maryland.....	6,600	7,000	5,600	1,003	1,400	1,008	1.11	2.05	3.00
Delaware.....	250	270	240	36	38	34	.98	1.90	2.50
Total or average.....	37,110	39,660	34,640	5,036	6,032	5,477	1.79	2.51	2.81
Late summer:									
New Jersey.....	11,300	11,000	10,500	1,891	1,925	1,785	1.69	2.10	2.80
Washington.....	1,410	1,720	1,900	³ 356	482	266	1.42	1.60	3.25
Pennsylvania.....	2,600	3,100	3,000	473	589	525	1.34	1.90	2.00
Ohio, other.....	3,800	2,700	3,000	653	472	555	1.43	2.70	2.25
Indiana.....	7,140	8,100	8,100	752	850	972	1.36	1.95	1.65
Illinois, other.....	3,330	3,700	3,900	355	296	351	1.18	2.30	1.95
Iowa.....	550	540	540	71	54	76	.96	2.00	1.00
New York.....	8,980	8,400	8,800	1,963	1,764	1,760	1.22	1.95	1.95
Michigan.....	6,130	7,000	7,400	985	945	1,295	1.80	3.00	2.50
Colorado.....	2,600	2,700	2,500	614	810	³ 600	1.08	1.80	1.55
Utah.....	540	250	100	63	25	14	1.38	1.50	1.30
Oregon.....	1,210	1,200	1,050	298	348	289	1.54	2.70	2.70
Alabama.....	⁴ 2,050	1,800	2,000	⁴ 165	135	160	⁴ 2.19	3.50	2.60
Total or average.....	51,220	52,210	52,790	8,607	8,695	8,648	1.43	2.17	2.24
Early fall:									
California, northern district.....	9,220	10,300	11,000	1,490	1,864	2,255	2.66	4.65	3.73
California, southern district.....	6,790	7,200	7,400	1,245	1,613	1,650	2.59	4.35	3.73
Total or average.....	16,010	17,500	18,400	2,736	3,477	3,905	2.63	4.51	3.73
Late fall:									
Texas.....	7,680	11,800	14,000	465	826	700	2.12	4.15	2.25
Florida.....	4,260	2,500	6,750	541	538	945	4.19	6.60	6.45
Total or average.....	11,940	14,300	20,750	1,006	1,364	1,645	3.24	5.12	4.66
United States.....	231,620	242,020	236,030	27,368	29,386	29,414	2.07	3.13	3.30

See footnotes at end of table.

TABLE 349.—Tomatoes, commercial crop: Acreage, production, and season average price per bushel and per ton received by farmers, by States, average 1937-46, annual 1947 and 1948—Continued

Utilization, group, and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
For processing:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	22,100	23,400	24,100	156,600	114,700	195,200	19.40	29.20	30.90
New Jersey.....	35,100	32,800	25,100	195,500	291,900	160,600	24.60	34.10	32.40
Pennsylvania.....	25,200	27,900	19,400	131,600	192,500	159,100	22.00	31.00	30.90
Ohio.....	26,400	31,300	23,400	169,200	115,800	229,300	17.40	24.60	25.40
Indiana.....	90,100	88,500	82,600	459,300	389,400	520,400	17.90	25.80	26.30
Illinois.....	10,300	11,200	9,000	49,900	50,400	61,200	18.20	27.10	25.60
Michigan.....	6,200	6,700	9,100	36,700	26,800	76,400	17.20	25.00	25.10
Wisconsin.....	2,000	1,200	900	10,600	5,800	4,600	17.80	24.60	26.00
Iowa.....	4,300	1,700	1,500	20,200	6,100	9,800	17.00	23.80	26.10
Missouri.....	13,000	9,600	8,600	35,100	14,400	21,500	19.10	25.40	32.50
Delaware.....	11,200	9,900	9,000	45,600	54,400	32,400	25.10	27.30	44.00
Maryland.....	55,800	40,500	27,000	228,700	226,800	110,700	23.40	27.50	39.90
Virginia.....	27,800	23,000	16,500	95,100	105,800	71,000	20.60	28.50	34.20
South Carolina.....	2,100	3,000	2,800	4,000	5,100	3,100	17.00	23.00	28.00
Florida.....	3,400	2,300	2,700	10,400	7,100	10,100	17.60	33.60	23.20
Kentucky.....	4,400	3,500	3,100	12,300	8,400	11,500	17.20	24.50	26.20
Tennessee.....	6,500	6,300	4,000	13,300	13,900	16,800	17.60	24.60	25.80
Arkansas.....	16,400	15,300	13,300	39,200	24,500	26,600	18.40	26.80	26.40
Oklahoma.....	1,500	2,700	1,900	2,800	4,000	2,300	17.90	27.40	25.00
Texas.....	15,200	12,100	18,800	40,100	31,500	47,000	16.10	32.00	26.00
Colorado.....	3,700	4,300	3,400	23,400	36,100	25,200	16.50	24.00	23.60
Utah.....	7,200	7,500	6,600	65,300	72,800	72,600	16.40	25.40	23.50
California.....	97,300	142,900	95,000	715,300	1,429,000	969,000	19.20	29.00	27.00
Other States ²	5,500	3,770	2,700	22,500	15,600	11,200	18.07	25.70	25.83
Total or average.....	492,700	511,370	410,500	2,582,700	3,242,800	2,847,600	19.57	28.63	28.19
Grand total.....	724,320	753,390	646,530	3,307,900	4,021,500	3,627,100	³ 34.02	⁴ 45.97	⁵ 48.81

¹ Preliminary.

² Approximately 53 pounds.

³ Includes some quantities not harvested.

⁴ Average, 1939-46.

⁵ Alabama, Connecticut, Georgia, Idaho, Kansas, Louisiana, Minnesota, Mississippi, Nebraska, New Mexico, North Carolina, Oregon, Washington, and West Virginia.

⁶ Derived price per ton.

Bureau of Agricultural Economics.

TABLE 350.—Tomatoes, commercial crop: Acreage, yield, production, season average price per bushel and per ton received by farmers, value, and foreign trade, United States, 1929-48

Year	For fresh market					For processing					Foreign trade, year beginning July							
	Acreage for harvest	Yield per acre	Production ¹	Price per bushel	Farm value ²	Acreage harvested	Yield per acre	Production	Price per ton	Farm value ²	Imports			Domestic exports				
											Fresh	Canned ³	Paste	Fresh	Canned	Catsup and sauces	Paste	Juice
	<i>Acres</i>	<i>Bushels</i>	<i>1,000 bushels</i> ⁴	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	
1929	157,640	129	20,300	1.73	35,113	323,720	4.74	1,534,700	15.25	23,409	139,886	147,429	16,547					
1930	170,730	114	19,498	1.58	30,838	407,950	4.31	1,757,500	15.05	26,444	113,480	75,173	11,605			4,872	10,419	
1931	168,140	113	18,945	1.10	20,726	296,120	3.30	976,400	11.80	11,517	122,215	91,572	12,154			2,916	5,210	
1932	173,380	117	20,324	.98	19,894	280,510	4.28	1,199,300	10.08	12,090	59,028	72,226	11,405			4,621	3,221	
1933	171,330	112	19,255	1.10	21,129	280,150	3.86	1,081,300	11.39	12,316	54,254	75,963	11,363			4,038	2,561	
1934	193,680	113	21,957	1.20	25,119	368,660	3.87	1,425,700	12.03	17,148	77,160	76,286	12,233			1,885	2,698	
1935	189,960	119	22,513	1.13	25,415	471,730	3.60	1,700,200	11.73	19,951	82,504	64,985	8,525	9,302		1,958	3,125	
1936	193,060	109	21,088	1.31	27,531	419,070	4.74	1,987,500	12.59	25,029	97,037	61,421	10,540	14,962		1,823	3,451	
1937	203,360	108	22,008	1.31	28,757	451,000	4.27	1,926,300	13.11	25,260	65,831	55,383	8,278	23,558		2,546	3,855	6,450
1938	219,910	117	25,673	1.07	27,352	392,350	4.44	1,742,600	12.41	21,618	54,861	71,596	8,625	22,365		1,807	3,756	7,516
1939	215,560	122	26,316	1.38	36,218	358,260	5.58	1,999,900	12.14	24,274	79,428	37,543	6,887	23,544		1,962	4,707	3,901
1940	207,670	117	24,394	1.22	29,680	409,580	5.56	2,275,800	11.80	26,864	132,781	1,871	289	25,719	11,849	3,898	8,613	3,005
1941	203,980	120	24,526	1.58	38,795	460,450	6.09	2,802,200	15.06	42,196	137,185	11,025	3	25,447	21,765	5,026	5,920	2,488
1942	217,130	128	27,786	2.09	57,915	601,200	5.27	3,166,800	19.70	62,400	167,916	3,107	429	33,458	107,389	4,148	8,616	4,735
1943	225,230	123	27,773	2.84	78,885	555,430	4.79	2,660,900	26.28	69,922	169,064	1	2,458	33,458	8,269	2,196	16,544	2,727
1944	249,520	113	28,292	3.05	86,387	581,180	5.45	3,169,900	27.22	86,269	210,874	4,579	3,016	37,272	26,950	1,386	23,790	985
1945	279,320	117	32,688	3.31	107,049	546,750	4.92	2,689,200	27.58	74,169	203,065	449	54	32,646	34,670	1,884	26,848	1,242
1946	294,010	116	34,229	2.87	97,319	570,770	5.94	3,393,700	30.42	103,241	263,168	14,833	1,021	50,789	8,894	7,208	9,945	91,658
1947	242,020	121	29,386	3.13	91,992	511,370	6.34	3,242,800	28.63	92,857	263,526	28,963	501	43,510	1,990	6,694	17,579	27,202
1948 ⁷	236,030	125	29,414	3.30	96,614	410,500	6.94	2,847,600	28.19	80,283				26,383	12,376	14,351	23,879	10,602

¹ Includes the following quantities not harvested and excluded in computing value: 128,000 bushels in 1931, 50,000 in 1932, 71,000 in 1933, 975,000 in 1934, 75,000 in 1935, 153,000 in 1938, 42,000 in 1940, 33,000 in 1941, 23,000 in 1942, 40,000 in 1943, 347,000 in 1945, 333,000 in 1946, and 107,000 in 1948.

² Value is for the marketing season and should not be confused with calendar-year income.

³ Includes "otherwise prepared," if any.

⁴ Approximately 53 pounds.

⁵ Imports for consumption beginning 1933.

⁶ Jan. 1-June 30; not separately classified prior to this date.

⁷ Preliminary.

Bureau of Agricultural Economics. Imports and exports compiled from Monthly Summary of Foreign Commerce of the United States, June issues, and official records of the U. S. Department of Commerce. Data for 1918-28 in Agricultural Statistics, 1942, table 403.

TABLE 351.—Watermelons, commercial crop: Acreage, yield, production, season average price per 1,000 melons received by farmers, and value, United States, 1929-48

Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²	Year	Acreage for harvest	Yield per acre	Production ¹	Price	Farm value ²
	Acres	Melons ³	1,000 melons ³	Dollars	1,000 dollars		Acres	Melons ³	1,000 melons ³	Dollars	1,000 dollars
1929	226,570	325	73,543	173.00	12,710	1939	265,190	238	63,099	119.00	7,444
1930	255,060	335	85,506	117.00	9,327	1940	267,300	288	77,107	109.00	7,906
1931	253,610	307	77,910	101.00	7,719	1941	256,330	252	64,486	134.00	8,636
1932	247,910	270	66,992	79.00	4,569	1942	197,900	286	56,526	240.00	13,588
1933	218,250	258	56,382	93.00	5,122	1943	142,600	340	48,522	445.00	21,615
1934	281,930	213	60,056	104.00	6,248	1944	223,680	316	70,775	368.00	26,024
1935	268,220	247	66,367	96.00	6,162	1945	262,880	277	72,949	410.00	29,910
1936	250,710	249	62,543	128.00	7,967	1946	316,020	256	80,825	384.00	30,958
1937	254,890	278	70,926	106.00	7,276	1947	290,020	280	81,063	319.00	24,173
1938	263,630	269	70,842	109.00	7,262	1948 ⁴	255,490	286	73,142	388.00	28,347

¹ Includes some quantities not harvested and excluded in computing value: 5,677,000 melons in 1930, 1,761,000 in 1931, 9,298,000 in 1932, 1,332,000 in 1933, 122,000 in 1934, 2,509,000 in 1935, 425,000 in 1936, 2,499,000 in 1937, 4,001,000 in 1938, 496,000 in 1939, 4,518,000 in 1940, 260,000 in 1946, and 5,294,000 in 1947.

² Value is for the marketing season and should not be confused with calendar-year income.

³ A medium-size melon weighs about 25 pounds.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1918-28 in Agricultural Statistics, 1942, table 407.

TABLE 352.—Watermelons, commercial crop: Acreage, production and season average price per 1,000 melons received by farmers, by States, average 1937-46, annual 1947 and 1948

Group and State	Acreage			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	Acres	Acres	Acres	1,000 melons ²	1,000 melons ²	1,000 melons ²	Dollars	Dollars	Dollars
Late spring:									
California, Imperial Valley	5,620	6,200	7,600	2,960	3,410	3,800	286	530	480
Florida	25,960	47,000	45,000	³ 7,165	³ 12,925	13,725	350	447	465
Total or average	31,580	53,200	52,600	10,125	16,335	17,525	329	466	468
Early summer:									
California	9,200	8,900	8,100	6,649	6,942	5,994	211	275	280
Arizona	2,320	3,500	4,400	1,310	2,170	2,508	261	450	360
Texas	48,360	74,000	65,000	7,230	12,950	11,700	274	242	375
Louisiana	3,990	3,100	2,500	1,116	868	625	278	356	446
Mississippi	5,660	3,600	3,200	³ 1,400	648	768	228	360	435
Alabama	6,880	6,700	6,400	2,105	2,010	1,920	234	380	450
Georgia	52,480	56,000	40,000	³ 13,528	³ 16,016	11,000	230	250	400
South Carolina	23,150	30,000	22,000	³ 5,024	³ 7,200	4,400	202	220	371
North Carolina	9,840	9,900	10,000	2,125	2,228	2,300	204	180	340
Arkansas	4,040	4,000	4,100	³ 1,158	1,100	1,168	247	350	417
Oklahoma	11,980	11,000	13,000	2,597	2,090	2,990	251	355	340
Missouri	10,290	4,700	3,800	2,886	940	1,102	202	350	300
Total or average	188,190	215,400	182,500	47,129	55,162	46,475	231	270	368
Late summer:									
Virginia	2,430	1,050	850	³ 791	310	336	208	242	310
Maryland	4,910	5,000	4,900	2,080	2,500	2,328	202	380	411
Delaware	3,240	3,000	2,700	³ 1,316	1,350	1,215	209	380	422
New Jersey	1,220	1,000	900	513	325	324	184	218	170
Indiana	6,100	6,500	6,800	2,790	3,250	3,230	212	387	260
Illinois	4,000	3,100	2,700	1,399	930	955	202	295	345
Iowa	1,150	520	440	356	104	144	237	350	390
Oregon	610	600	350	³ 324	342	122	270	325	355
Washington	830	650	750	525	455	488	218	250	297
Colorado	770			258			209		
Total or average	25,270	21,420	20,390	10,352	9,566	9,142	208	356	333
United States	245,040	290,020	255,490	67,606	81,063	73,142	242	319	388

¹ Preliminary.

² A medium-size melon weighs about 25 pounds.

³ Includes some quantities not harvested.

Bureau of Agricultural Economics.

TABLE 353.—*Fresh vegetables: Carlot rail and boat shipments of specified commodities, United States, 1939-48*¹

Year	Asparagus	Beans, snap and lima	Beets	Broccoli	Cabbage	Carrots	Muskmelons		Celery	Corn, green
							Cantaloups	Other ²		
1939.....	<i>Cars</i> 2, 010	<i>Cars</i> 5, 769	<i>Cars</i> 748	<i>Cars</i> 1, 793	<i>Cars</i> 18, 757	<i>Cars</i> 13, 647	<i>Cars</i> 7, 670	<i>Cars</i> 20, 139	<i>Cars</i> 752	
1940.....	2, 929	5, 367	946	1, 686	19, 524	13, 162	8, 255	19, 975	746	
1941.....	2, 497	3, 750	1, 100	1, 470	18, 430	15, 468	6, 243	20, 429	933	
1942.....	1, 701	5, 634	1, 247	1, 280	24, 806	20, 144	6, 911	20, 929	959	
1943.....	2, 088	9, 021	1, 668	1, 242	23, 481	24, 357	5, 999	18, 969	1, 514	
1944.....	1, 852	7, 377	2, 345	1, 942	29, 673	25, 471	8, 480	22, 106	1, 614	
1945.....	981	7, 471	2, 212	1, 520	32, 835	27, 903	9, 068	25, 610	2, 685	
1946.....	1, 373	6, 346	1, 027	1, 888	27, 328	27, 148	11, 296	27, 933	3, 123	
1947.....	2, 102	4, 734	920	1, 826	24, 645	24, 995	9, 302	24, 737	2, 993	
1948.....	1, 158	4, 455	697	1, 632	23, 749	24, 335	9, 569	24, 902	2, 780	

Year	Cucumbers	Egg-plant	Escarole	Greens (except spinach)	Lettuce	Muskmelons		Onions	Peas, green
						Cantaloups	Other ²		
1939.....	<i>Cars</i> 3, 229	<i>Cars</i> 253	<i>Cars</i> 746	<i>Cars</i> 1, 491	<i>Cars</i> 52, 458	<i>Cars</i> 13, 177	<i>Cars</i> 6, 615	<i>Cars</i> 28, 519	<i>Cars</i> 7, 806
1940.....	2, 712	17	853	1, 295	49, 898	11, 611	6, 038	23, 268	6, 263
1941.....	2, 577	78	597	1, 241	55, 626	13, 491	7, 210	27, 087	6, 063
1942.....	3, 177	23	925	1, 016	56, 227	11, 687	5, 819	32, 748	4, 702
1943.....	1, 879	221	1, 013	1, 115	58, 109	11, 619	4, 992	25, 780	4, 588
1944.....	2, 336	269	1, 194	1, 367	66, 984	16, 004	7, 051	36, 995	4, 535
1945.....	4, 115	326	1, 421	1, 086	68, 471	16, 780	8, 548	33, 735	4, 536
1946.....	5, 357	285	1, 128	1, 052	74, 703	21, 958	8, 914	36, 974	4, 123
1947.....	3, 671	82	875	1, 568	76, 941	22, 550	6, 233	35, 186	3, 256
1948.....	3, 093	186	1, 035	1, 193	74, 119	22, 251	6, 219	30, 325	2, 642

Year	Peppers	Potatoes	Spinach	Sweet-potatoes	Tomatoes	Turnips and rutabagas	Watermelons	Mixed vegetables	Total
1939.....	2, 241	197, 749	6, 330	8, 643	28, 437	458	19, 042	27, 018	475, 497
1940.....	1, 253	202, 381	5, 970	6, 652	22, 247	426	21, 261	23, 844	458, 579
1941.....	1, 359	201, 057	5, 604	7, 307	19, 566	348	18, 750	24, 924	463, 205
1942.....	1, 733	218, 431	6, 226	10, 511	25, 223	659	18, 635	29, 118	510, 471
1943.....	1, 697	262, 488	6, 744	8, 584	25, 276	944	20, 154	39, 632	563, 171
1944.....	2, 736	275, 581	6, 358	10, 685	27, 992	717	34, 590	43, 542	639, 796
1945.....	2, 994	270, 671	5, 582	13, 316	35, 163	593	37, 736	45, 054	660, 417
1946.....	2, 890	298, 307	4, 824	12, 408	36, 626	558	35, 347	43, 379	696, 295
1947.....	1, 701	280, 251	4, 052	11, 285	25, 522	440	32, 958	37, 742	640, 507
1948.....	2, 521	306, 498	3, 188	7, 940	24, 730	425	28, 099	32, 980	640, 721

¹ Figures for all commodities are on a calendar-year basis, except onions which are for a 12-month period beginning in March.

² Includes Casaba, Honey Ball, Honey Dew, Persian, and mixed melons. Cars of mixed melons may include cantaloups as well as other muskmelons.

Production and Marketing Administration. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

TABLE 354.—Vegetables (fresh), melons, potatoes, sweetpotatoes, and dry edible beans: Total and per capita civilian consumption (farm weight basis), United States, 1929-48¹

Calendar year	Tomatoes		Leafy, green, and yellow vegetables ²		Other fresh vegetables ³		Melons ⁴		All fresh vegetables, including melons		Potatoes		Sweetpotatoes		Dry edible beans	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. lb.</i>	<i>Lb.</i>	<i>Mil. bu.</i>	<i>Lb.</i>	<i>Mil. bu.</i>	<i>Lb.</i>	<i>1,000 bags</i>	<i>Lb.</i>
1929.....	3,181	25.9	11,247	91.7	8,232	67.1	4,468	36.4	27,128	221	314.8	154	49.5	22.2	9,520	7.8
1930.....	2,956	23.9	10,742	86.8	8,319	67.2	4,361	35.2	26,378	213	279.2	135	41.2	18.3	11,706	9.5
1931.....	3,066	24.6	11,605	93.0	8,218	65.8	4,765	38.2	27,654	222	290.2	140	46.4	20.5	10,925	8.8
1932.....	3,452	27.5	11,856	94.4	8,873	70.6	4,317	34.4	28,498	227	290.2	139	62.9	27.5	9,253	7.4
1933.....	3,107	24.6	11,021	87.3	8,642	68.4	4,072	32.2	26,842	213	288.7	137	54.8	23.9	8,900	7.0
1934.....	3,102	24.4	11,998	94.4	8,403	66.1	4,159	32.7	27,662	218	292.1	138	56.1	24.3	11,454	9.0
1935.....	3,563	27.8	12,506	97.7	9,099	71.1	4,338	33.9	29,506	231	307.9	144	59.3	25.5	10,710	8.4
1936.....	3,350	26.0	11,676	90.6	9,172	71.2	4,078	31.6	28,276	219	284.0	132	46.0	19.6	11,494	8.8
1937.....	3,716	28.7	12,488	96.4	9,641	74.4	4,561	35.2	30,406	235	271.7	126	50.4	21.4	10,070	7.9
1938.....	3,814	29.2	13,975	106.9	9,884	75.6	4,633	35.4	32,306	247	287.7	132	50.4	21.2	12,485	9.6
1939.....	3,912	29.7	13,498	102.5	9,998	75.9	4,606	35.0	32,014	243	265.1	121	46.8	19.5	12,163	9.2
1940.....	3,766	28.4	13,386	100.8	9,769	73.6	4,979	37.5	31,900	240	288.7	130	39.0	16.2	11,038	8.3
1941 ⁵	4,010	30.2	13,178	99.4	10,438	78.7	4,458	33.6	32,084	242	284.7	129	44.1	18.3	11,456	8.6
1942 ⁵	4,085	30.9	14,594	110.3	10,859	82.1	4,353	32.9	33,891	256	281.8	128	48.9	20.3	14,678	11.1
1943 ⁵	4,042	31.2	13,199	101.8	9,359	72.2	4,233	32.7	30,833	238	282.2	131	50.3	21.3	11,554	8.9
1944 ⁵	4,077	31.6	13,796	106.8	9,994	77.4	4,095	38.7	32,862	254	276.6	128	46.0	19.6	9,999	7.7
1945 ⁵	4,249	32.7	15,028	115.8	10,552	81.3	4,825	37.2	34,654	267	272.6	126	44.4	18.8	9,979	7.7
1946 ⁵	4,432	31.8	15,923	114.3	11,807	84.8	5,551	39.8	37,713	271	295.0	127	46.0	18.2	12,075	8.7
1947 ⁵	4,505	31.4	15,033	104.7	11,038	76.9	5,379	37.5	35,955	251	295.2	123	41.4	15.9	9,251	6.4
1948 ^{5,6}	4,516	30.9	15,503	106.0	11,964	81.8	5,306	36.3	37,289	255	263.5	108	34.0	12.8	10,612	7.3

¹ Includes production of commercial truck crops for fresh market shipment and rough approximations of production in farm and market gardens but not in town and city gardens.

² Artichokes, asparagus, lima beans, snap beans, cabbage, carrots, kale, lettuce and escarole, green peas, green peppers, spinach, and an estimated quantity of minor vegetables.

³ Beets, cauliflower, celery, sweet corn, cucumbers, eggplant, garlic, onions, shallots, and an estimated quantity of minor vegetables.

⁴ Includes watermelons, cantaloups, Honey Ball melons, and Honey Dew melons, etc.

⁵ The per capita civilian consumption obtained by dividing the total apparent civilian consumption by total population adjusted for underenumeration of

children under 5 years of age and for members of the armed forces not eating out of civilian supplies.

⁶ Preliminary.

Bureau of Agricultural Economics. The figures in this table are given in terms of production weight, i.e., quantities available for consumption at the farm level. Normal marketing losses between the time of harvest and time of sale in the retail store—including shrinkage and spoilage in transit and storage, and spoilage in retail stores—are estimated roughly as follows: Tomatoes, 25 percent; leafy, green, and yellow vegetables, 14 percent; melons, 13 percent; other truck crops, 14 percent; potatoes, 7 percent; sweetpotatoes, 20 percent prior to 1942, and 14 percent from 1942 to date.

TABLE 355.—Vegetables, canned: United States pack of selected items, 1929-48

Season	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Corn	Peas, green	Pickles ¹
	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²
1929.....	3,032	946	8,525	2,004	.....	17,487	18,530	6,200
1930.....	3,020	981	8,251	2,923	.....	15,692	22,035	11,900
1931.....	2,134	1,157	6,067	1,614	262	19,415	13,286	9,100
1932.....	1,604	732	4,024	1,044	433	9,358	10,367	2,000
1933.....	2,569	670	5,532	1,216	604	10,193	12,893	5,600
1934.....	2,423	1,319	6,300	2,196	765	11,268	15,742	6,800
1935.....	2,813	1,186	7,161	2,462	926	21,471	24,699	7,800
1936.....	3,031	1,551	6,629	2,490	938	14,621	16,553	9,900
1937.....	2,884	1,512	10,052	3,210	949	23,541	23,467	12,700
1938.....	2,538	1,920	10,915	3,176	704	20,470	25,459	9,900
1939.....	2,604	2,000	8,487	2,271	1,210	14,567	16,074	6,300
1940.....	3,258	1,992	9,798	3,719	1,435	15,524	25,196	10,100
1941.....	3,203	2,387	13,362	7,365	2,058	26,109	28,724	13,400
1942.....	4,202	2,527	23,790	6,706	2,283	32,118	35,256	13,600
1943.....	3,860	1,879	22,913	6,059	2,384	28,755	35,052	10,200
1944.....	4,141	1,647	18,196	7,889	3,131	25,089	31,524	12,500
1945.....	4,346	1,581	17,365	9,149	4,048	28,237	39,640	13,000
1946.....	4,576	1,747	18,342	7,044	3,747	30,951	40,933	17,100
1947.....	3,833	2,204	13,091	3,382	.....	26,089	33,119	16,700
1948 ³	3,620	2,476	15,174	4,472	3,106	31,483	23,356	16,000

Season	Pimien- tos	Pumpkin and squash	Sauer- kraut ¹	Spinach	Toma- toes	Tomato pulp	Tomato juice	Total of these items
	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²	1,000 cases ²
1929.....	536	3,348	9,300	6,165	24,146	3,737	231	104,187
1930.....	424	2,374	11,600	2,465	29,015	4,490	1,674	116,844
1931.....	298	1,399	7,400	2,269	16,341	1,817	4,720	87,279
1932.....	505	1,927	8,200	1,466	20,367	2,300	5,559	69,886
1933.....	270	2,454	5,200	3,179	20,461	2,800	4,528	78,169
1934.....	550	1,933	11,700	3,602	22,376	3,259	6,193	96,426
1935.....	754	1,138	7,300	4,318	26,985	3,656	11,256	123,925
1936.....	540	2,426	6,200	4,221	24,414	4,267	16,002	113,783
1937.....	671	2,041	8,000	6,122	26,235	3,746	16,979	142,109
1938.....	1,380	1,614	10,600	2,892	23,131	2,788	11,235	128,722
1939.....	825	3,114	7,900	4,055	24,465	2,726	13,659	110,257
1940.....	465	3,090	10,000	4,980	29,533	2,827	15,086	137,003
1941.....	¹ 323	3,391	11,400	5,015	31,759	3,612	23,391	175,499
1942.....	¹ 425	2,151	8,700	9,567	41,252	4,987	25,178	212,742
1943.....	¹ 249	2,007	5,800	7,381	29,269	6,847	22,849	185,504
1944.....	¹ 249	2,977	6,400	9,957	26,099	9,410	30,809	190,018
1945.....	¹ 367	1,849	12,600	8,637	16,758	9,650	28,389	195,625
1946.....	¹ 672	4,575	14,500	8,448	23,857	12,397	34,900	223,889
1947.....	¹ 569	3,387	3,900	3,909	27,709	5,871	19,506	164,245
1948 ³	¹ 519	1,761	10,300	5,011	24,393	3,710	27,774	173,155

¹ Total crop for processing converted to a canned basis by applying the following factors (cases of 24 No. 2 cans per ton farm weight): Cucumbers for pickles, 68 cases; cabbage for kraut, 54 cases; and pimientos (year 1941 to date), 29 cases.

² Equivalent cases of 24 No. 2 cans.

³ Preliminary.

Bureau of Agricultural Economics. Compiled mainly from reports of the National Canners Association. Data for pickles, sauerkraut, and (beginning 1941) pimientos computed by B.A.E. In addition to the vegetables shown in this table, considerable quantities of the following products also are canned: Baked beans, carrots and peas, corn on the cob, hominy, kidney beans, mixed vegetables, mushrooms, okra, other greens than spinach, potatoes, rhubarb, sauerkraut juice, soups, spaghetti, succotash, sweetpotatoes, tomato paste, tomato sauce, tomato catsup, and vegetable puree.

TABLE 356.—Vegetables, canned and frozen: Total and per capita civilian consumption (processed basis), United States, canned vegetables, pack years 1929-48, and calendar years 1943-48; frozen vegetables, calendar years, 1937-48

Pack year beginning	Tomatoes		Corn		Peas, green		Snap beans		Other canned vegetables ¹		Total canned vegetables		Total frozen vegetables (cal. yr.)	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.	Mil. lb.	Lb.
1929	828.8	6.7	515.0	4.2	547.6	4.4	243.0	2.0	1,313.6	10.7	3,448	28.0		
1930	792.0	6.4	503.8	4.1	579.1	4.7	235.2	1.9	1,327.9	10.6	3,438	27.7		
1931	608.4	4.9	420.8	3.4	437.8	3.5	175.8	1.4	1,100.2	8.7	2,743	21.9		
1932	691.9	5.5	422.7	3.4	371.3	2.9	134.6	1.1	1,144.5	9.0	2,765	21.9		
1933	682.1	5.4	355.8	2.8	431.7	3.4	157.7	1.2	1,119.7	8.9	2,747	21.7		
1934	696.8	5.5	386.8	3.0	469.2	3.7	185.4	1.5	1,456.8	11.3	3,195	25.0		
1935	765.5	6.0	538.7	4.2	540.9	4.2	184.1	1.4	1,468.8	11.4	3,498	27.2		
1936	696.2	5.4	495.6	3.8	573.0	4.4	197.5	1.5	1,625.7	12.7	3,588	27.7		
1937	765.2	5.9	510.0	3.9	616.9	4.7	266.5	2.1	1,874.4	14.4	4,033	31.0	52.1	0.4
1938	755.4	5.8	543.8	4.1	647.1	4.9	262.7	2.0	1,818.0	13.9	4,027	30.7	53.6	.4
1939	757.8	5.7	586.0	4.4	660.5	5.0	296.0	2.2	2,024.7	15.4	4,325	32.7	65.7	.5
1940	800.3	6.0	597.0	4.5	796.2	6.0	321.9	2.4	2,281.6	17.0	4,797	35.9	77.2	.6
1941 ²	767.8	5.8	670.6	5.0	831.4	6.2	276.2	2.1	2,387.0	18.0	4,933	37.1	89.9	.7
1942 ²	867.6	6.6	818.8	6.3	847.1	6.5	442.0	3.4	2,592.5	19.8	5,568	42.6	145.9	1.1
1943 ²	658.2	5.1	649.8	5.0	764.2	5.9	378.0	2.9	1,894.8	14.7	4,345	33.6	96.4	.7
1944 ²	452.1	3.5	581.6	4.5	669.4	5.2	344.3	2.7	2,293.6	17.6	4,341	33.5	209.7	1.6
1945 ²	431.7	3.2	835.0	6.2	1,013.4	7.5	482.3	3.6	3,406.4	25.1	6,169	45.6	245.5	1.9
1946 ²	553.6	3.9	816.9	5.8	903.7	6.4	394.8	2.8	3,521.7	24.7	6,191	43.6	283.3	2.0
1947 ²	682.4	4.7	752.4	5.2	914.6	6.3	407.9	2.8	2,969.7	20.5	5,727	39.5	368.2	2.6
1948 ^{2 3}	663.9	4.5	733.2	5.0	801.6	5.4	420.3	2.9	2,877.3	19.5	5,496	37.3	434.4	3.0
Calendar year:														
1943 ²	716.2	5.5	691.7	5.3	756.6	5.8	340.3	2.6	2,257.2	17.5	4,762	36.7		(see tabulation above)
1944 ²	631.6	4.9	646.1	5.0	680.5	5.3	372.2	2.9	2,091.6	16.1	4,422	34.2		
1945 ²	531.1	4.1	721.5	5.6	926.6	7.1	430.1	3.3	2,960.7	22.8	5,570	42.9		
1946 ²	558.8	4.0	866.3	6.2	1,056.0	7.6	452.3	3.2	3,538.1	25.5	6,472	46.5		
1947 ²	550.5	3.8	834.4	5.8	835.4	5.8	390.8	2.7	3,122.0	21.9	5,733	40.0		
1948 ^{2 3}	642.3	4.4	723.2	4.9	845.5	5.8	414.3	2.8	2,747.6	18.9	5,373	36.8		

¹ Asparagus, lima beans, beets, carrots, Irish potatoes, pickles (including bulk stock), pimientos, pumpkin and squash, sauerkraut (including bulk stock), spinach, succotash, sweetpotatoes, tomato juice, pulp, catsup, paste, sauce, and chili sauce, other greens, and mixed vegetables. Excludes baked beans, soups, hominy, and other minor vegetables.

² The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age and for members of the armed forces not eating out of civilian supplies.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 357.—Vegetables, frozen: United States pack, by kinds, 1938-47

Commodity	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus.....	8,030	7,365	5,937	7,510	6,000	10,200	12,300	20,638	28,316	10,737
Beans, snap.....	9,357	6,040	6,041	8,849	13,800	28,000	23,500	31,460	40,975	30,911
Beans, lima.....	19,650	15,412	16,784	20,470	31,000	21,000	30,000	28,476	50,083	68,194
Broccoli.....	2,484	2,700	1,859	3,466	3,200	5,000	8,000	11,656	25,789	9,117
Brussels sprouts.....	595	668	1,767	1,868	3,700	5,000	4,900	6,606	13,521	4,557
Carrots.....	164	411	1,981	1,051	1,000	2,300	900	6,051	9,069	2,905
Cauliflower.....	497	720	656	1,515	1,200	2,500	4,800	7,391	13,237	5,353
Corn, cut.....	5,670	3,019	4,538	6,919	10,000	21,500	21,000	25,551	42,427	26,559
Corn, on cob.....	2,290	2,589	2,948	2,681	2,300	800	600	445	2,296	6,064
Mixed vegetables.....					1,000	2,200	2,900			
Peas.....	34,084	26,594	35,802	44,072	66,200	75,000	79,200	103,834	140,603	131,786
Peas and carrots.....	839	509	432	1,143	1,100	1,600	2,100	5,322	7,186	5,302
Rhubarb.....					800	4,000	4,400	6,852	10,566	1,538
Spinach.....	3,773	3,753	4,084	4,936	16,600	26,700	32,000	36,721	38,185	23,279
Squash and pumpkin.....	715	913	644	1,479	2,600	12,000	10,000	7,354	10,009	5,190
Succotash.....					100	200	1,100	1,757	3,410	3,763
Miscellaneous.....	1,604	1,882	768	1,231	2,800	5,300	800	7,865	14,329	10,953
Total.....	89,752	72,577	83,275	107,190	163,400	223,300	238,500	307,977	450,000	346,208

Bureau of Agricultural Economics. Data for 1938-41 from "Western Canner and Packer" (Yearbook for 1943); 1942-44, Inter-Agency Supply Estimates Committee, Department of Agriculture; 1945-47, National Association of Frozen Food Packers.

TABLE 358.—Vegetables, frozen: United States pack, by kinds and areas, 1948

Commodity	East and South ¹	Mid-west ²	West ³	Total	Commodity	East and South ¹	Mid-west ²	West ³	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus.....	9,652	281	8,387	18,321	Peas and carrots.....	⁴ 2,562		3,948	6,510
Beans, snap.....	32,341	433	16,760	49,533	Pumpkin and squash.....	524	1,510	3,544	5,577
Beans, lima.....	26,093	1,612	47,698	75,403	Rhubarb.....	333	93	2,203	2,629
Broccoli.....	5,412		23,714	29,126	Spinach.....	⁴ 28,837		12,734	41,571
Brussels sprouts.....			4 10,526	10,526	Succotash.....	⁵ 5,760		1,119	6,879
Carrots.....	2,175	3,914	9,304	15,393	Miscellaneous vegetables ⁶	11,577	4,771	4,307	20,656
Cauliflower.....	⁴ 1,258		12,705	13,963	Total.....	160,547	46,576	239,234	446,358
Corn, cut.....	6,718	3,391	10,810	20,920					
Corn, on cob.....	3,095	1,646	5,582	10,324					
Peas.....	31,008	22,022	65,946	118,977					

¹ Maine, Massachusetts, Connecticut, New York, New Jersey, Pennsylvania, Missouri, Delaware, Maryland, Virginia, North Carolina, Georgia, Florida, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, and Texas.

² Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, and Nebraska.

³ Montana, Idaho, Wyoming, Colorado, Utah, Washington, Oregon, and California.

⁴ Includes some packed in the East.

⁵ Includes some packed in the Midwest.

⁶ Artichokes, beets, beet greens, blackeye peas, broccoli greens, celery, collards, French-fried potatoes, kale, mixed vegetables, mushrooms, mustard greens, okra, peppers, pimientos, soybeans, sweet-potatoes, Swiss chard, tampaia, tomatoes, tomato juice, tomato puree, and turnip greens.

National Association of Frozen Food Packers; annual report published in April 1949.

TABLE 359.—*Fruits and vegetables, fresh: Volume inspected by the Farm Products Inspection Service, U.S.D.A., United States, 1939-48*

Year beginning July	Inspected at—		Year beginning July	Inspected at—	
	Shipping points	Receiving markets		Shipping points	Receiving markets
	<i>Carlots</i>	<i>Carlots</i>		<i>Carlots</i>	<i>Carlots</i>
1939.....	468,293	47,256	1944.....	606,713	30,296
1940.....	498,731	39,131	1945.....	697,271	35,648
1941.....	506,273	38,466	1946.....	758,788	46,506
1942.....	479,249	31,694	1947.....	752,836	49,047
1943.....	555,042	29,737	1948.....	842,007	46,282

Production and Marketing Administration.—All of the shipping-point inspections were made under cooperative agreements between the Federal and State agencies. Receiving-market inspections were under direct Federal supervision. Some of the shipments inspected at receiving markets had been inspected previously at shipping points.

Shipping-point inspections were mostly for grade, as defined in the Federal standards. A considerable part of the receiving-market inspections was for condition only. Inspections were requested and paid by the shippers and other financially interested parties and were optional with the applicants except when required by State laws or marketing agreements. In addition to the quantities shown, there were inspections of products for canning factories, institutions, steamship lines, and Government agencies, amounting to 243,043 cars in 1948.

The figures, particularly in recent years, include some motortruck or less-than-carlot shipment inspections, which have been converted to a carlot basis. For the year beginning July 1948, shipping-point inspections were made in all 48 States and Hawaii and receiving-market inspections in 58 cities.

TABLE 360.—*Fruits and vegetables, processed: Volume inspected by the Farm Products Inspection Service, U.S.D.A., United States, 1939-48*

Year beginning July	Continuous inspections ¹				Other inspections ²			
	Canned	Frozen	Dried or dehydrated	Miscellaneous	Canned	Frozen	Dried or dehydrated	Miscellaneous
	<i>1,000 cases</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 cases</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1939.....	111	1,674			3,434	840	144,000	130
1940.....	4,104	2,500		95	8,784	1,080	2,609	1,600
1941.....	14,096	1,474		422	105,500	72,680	4,850	200,500
1942.....	26,250	2,634	2,952	1,995	166,315	152,670	5,520	1,222,171
1943.....	32,534	2,700	2,113	5,348	173,862	325,474	104,105	301,293
1944.....	36,975	17,554	2,426	6,454	207,870	219,538	8,269	388,107
1945.....	48,641	34,576	693	12,403	55,067	214,350	386,393	266,631
1946.....	54,770	66,312	27,174	20,672	27,262	225,120	112,589	173,376
1947.....	55,337	58,659	23,704	17,178	33,662	236,744	508,658	213,634
1948.....	58,373	93,493	28,860	2,421	33,503	300,658	691,748	170,354

¹ Inspected during and after processing, by Department of Agriculture inspectors stationed at plants voluntarily contracting for this service.

² Includes estimated coverage in the case of miscellaneous lots and samples inspected.

Production and Marketing Administration.

TABLE 361.—Fruits and vegetables: Unloads

Commodity	Boston			New York			Philadelphia		
	Rail and boat	Motortruck †	Total	Rail and boat	Motortruck †	Total	Rail and boat	Motortruck †	Total
Fruits:	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
Apples.....	425	1,702	2,127	3,101	5,794	8,895	1,048	2,259	3,307
Grapefruit.....	1,213	12	1,225	5,097	45	5,142	1,641	66	1,707
Grapes.....	1,712	10	1,722	6,145	25	6,170	1,742	34	1,776
Lemons.....	546	-----	546	2,899	-----	2,899	853	13	866
Mixed citrus.....	524	-----	524	1,770	-----	1,770	730	-----	730
Oranges.....	4,734	19	4,753	16,073	140	16,213	5,414	205	5,619
Peaches.....	670	235	905	2,075	3,004	5,079	397	1,196	1,593
Pears.....	536	1	537	2,953	101	3,054	744	56	800
Plums and fresh prunes.....	341	-----	341	2,243	32	2,275	527	11	538
Strawberries.....	142	425	567	238	811	1,019	53	509	562
Tangerines.....	266	-----	266	918	83	1,001	363	47	410
Total.....	11,109	2,429	13,538	43,512	10,035	53,547	13,512	4,396	17,908
Vegetables:									
Beans (snap, lima, and fava).....	267	460	727	1,624	3,656	5,280	356	1,556	1,912
Cabbage.....	1,017	581	1,598	2,437	3,312	5,749	1,224	2,191	3,415
Cantaloups †.....	1,465	63	1,528	6,519	193	6,712	1,897	332	2,229
Carrots.....	1,384	369	1,753	3,997	608	4,605	1,864	154	1,518
Cauliflower.....	368	509	877	1,277	2,347	3,624	632	690	1,222
Celery.....	1,109	681	1,790	3,344	1,745	5,089	1,795	525	2,320
Cucumbers.....	2,169	698	2,865	936	2,419	3,355	127	809	936
Lettuce.....	2,167	639	2,808	6,947	3,756	10,703	3,201	1,244	4,445
Mixed vegetables.....	926	-----	926	3,094	-----	3,094	781	-----	781
Onions.....	1,437	323	1,760	4,764	2,413	7,177	1,607	1,028	2,635
Peas, green.....	171	12	183	1,003	128	1,131	459	52	511
Potatoes.....	5,034	1,663	6,697	10,589	12,895	23,484	3,594	6,531	10,125
Spinach.....	286	441	727	833	2,237	3,070	214	777	991
Sweet potatoes.....	188	335	523	361	2,200	2,561	86	1,351	1,437
Tomatoes.....	2,287	415	2,702	6,052	2,491	8,543	1,698	1,730	3,428
Watermelons.....	1,021	8	1,029	3,330	338	3,668	1,361	423	1,784
Total.....	19,296	7,197	26,493	57,107	40,738	97,845	20,296	19,393	39,705
Miscellaneous.....	3,620	3,384	7,004	32,430	17,511	49,941	3,048	7,071	10,103
Grand total, 1948.....	34,025	13,010	47,035	133,049	68,284	201,333	36,856	30,860	67,716
Total, 1939.....	49,450	14,033	63,483	138,998	80,503	219,501	41,263	36,233	77,496
1940.....	43,620	16,205	59,825	125,473	82,305	207,778	37,073	37,568	74,641
1941.....	43,246	15,303	58,549	121,454	75,065	196,519	39,244	33,512	72,756
1942.....	36,378	13,858	50,236	109,315	69,879	179,194	35,834	30,085	65,919
1943.....	28,908	10,006	38,914	98,181	54,640	152,821	33,089	23,221	56,310
1944.....	30,899	9,191	40,090	106,702	55,618	162,320	37,153	22,739	59,892
1945.....	38,955	10,117	49,072	110,101	56,310	166,411	38,258	23,375	61,633
1946.....	40,284	9,644	49,928	124,590	60,661	185,251	41,313	26,240	67,553
1947.....	38,167	10,792	48,959	128,651	61,265	189,916	36,023	27,888	63,911

See footnotes on next page.

at 8 markets, 1948, and total unloads, 1939-48

Baltimore			Atlanta			Chicago			Los Angeles			San Francisco		
Rail and boat	Motortruck ¹	Total	Rail and boat	Motortruck ¹	Total	Rail and boat	Motortruck ¹	Total	Rail and boat	Motortruck ¹	Total	Rail and boat	Motortruck ¹	Total
Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
445	806	1,251	759	628	1,387	3,116	1,306	4,422	1,287	3,007	4,294	399	610	1,009
686	131	817	172	427	599	1,749	1,044	2,793	55	2,135	2,190	206	399	605
378	8	386	218	48	266	2,107	64	2,171	59	2,169	2,228	171	348	519
365	2	367	400	3	403	1,163	30	1,193	-----	1,119	1,119	-----	244	244
263	-----	263	71	-----	71	172	-----	172	-----	1	1	-----	4	4
1,601	460	2,061	436	1,183	1,619	4,623	1,803	6,426	3	4,372	4,375	76	1,707	1,783
71	494	565	8	402	410	1,273	880	2,153	12	2,291	2,303	11	414	425
190	6	196	50	81	131	874	17	891	122	696	818	24	84	108
83	11	94	11	-----	11	770	11	781	21	411	432	8	62	70
19	193	212	-----	54	54	257	499	756	-----	-----	-----	-----	309	309
95	90	185	6	135	141	176	323	499	-----	144	144	-----	27	27
4,196	2,201	6,397	2,131	2,961	5,092	16,280	5,977	22,257	1,560	16,344	17,904	899	4,204	5,103
169	1,668	1,837	50	1,149	1,199	433	648	1,081	36	1,399	1,435	19	317	336
394	1,367	1,761	29	1,748	1,777	1,685	1,405	3,090	19	3,139	3,158	10	465	475
681	450	1,131	165	470	635	2,516	117	2,633	75	2,810	2,885	39	815	854
542	36	578	197	11	208	2,650	763	3,413	214	2,494	2,708	88	681	769
225	160	385	105	14	119	1,444	303	1,747	2	3,014	3,016	-----	676	676
792	122	914	131	163	294	2,504	1,591	4,095	43	5,585	5,628	72	844	916
18	240	258	-----	128	128	339	1,007	1,346	12	726	738	10	120	130
1,211	243	1,454	795	16	811	6,529	298	6,827	76	8,405	8,481	72	1,931	2,003
521	-----	521	217	91	308	2,020	-----	2,020	42	-----	42	21	-----	21
663	300	963	190	684	874	2,337	1,248	3,585	734	1,390	2,124	447	201	648
148	12	160	15	6	21	247	3	250	47	418	465	4	183	187
1,831	3,055	4,886	1,420	1,620	3,040	17,258	74	17,332	4,272	8,197	12,469	2,220	1,071	3,291
114	303	417	12	40	52	299	328	627	-----	1,132	1,132	8	259	267
34	612	646	4	813	817	850	914	1,764	8	810	818	21	229	250
705	709	1,414	253	1,237	1,490	4,340	1,407	5,747	643	6,819	7,462	211	1,340	1,551
598	1,158	1,756	44	2,240	2,284	2,461	120	2,581	266	2,896	3,162	42	401	443
8,646	10,435	19,081	3,627	10,430	14,057	47,912	10,226	58,138	6,489	49,234	55,723	3,284	9,533	12,817
2,807	2,272	5,079	1,017	3,919	4,936	7,773	5,128	12,901	5,568	13,063	18,631	1,635	2,830	4,465
15,649	14,908	30,557	6,775	17,310	24,085	71,965	21,331	93,296	13,617	78,641	92,258	5,818	16,567	22,385
17,852	-----	-----	4,371	13,129	17,500	69,559	-----	-----	13,555	69,062	82,617	7,368	17,578	24,946
15,105	-----	-----	4,227	13,378	17,605	67,105	17,877	84,982	12,471	74,533	87,004	7,309	17,563	24,872
15,216	-----	-----	4,751	15,617	20,368	66,009	21,348	87,357	12,548	72,410	84,958	7,688	17,256	24,944
14,901	-----	-----	5,792	13,021	18,813	66,447	17,033	83,480	14,057	60,410	74,467	8,317	16,536	24,853
14,334	-----	-----	6,450	10,081	16,531	59,224	14,790	73,014	13,822	56,471	70,293	7,226	16,268	23,494
15,362	-----	-----	7,283	10,273	17,556	67,218	15,229	82,447	14,369	57,376	71,745	8,180	15,831	24,011
16,670	-----	-----	7,718	11,785	19,503	68,508	14,017	82,525	15,125	63,576	78,701	7,432	16,213	23,645
16,959	-----	-----	8,109	15,210	23,319	72,351	16,518	88,869	14,876	70,685	85,561	7,230	16,570	23,800
16,351	-----	-----	7,900	16,329	24,229	74,571	16,722	91,293	14,633	73,961	88,594	6,091	16,669	22,760

¹ The reported truck receipts here shown for 1948 are estimated to represent approximately the following percentages of the total 1948 truck receipts in these cities: Atlanta and San Francisco, 95 percent; Baltimore, 90 percent; Philadelphia and Los Angeles, 85 percent; Boston, Chicago and New York, 75 percent.

² Includes Casaba, Honey Ball, Honey Dew, and Persian melons, and mixed melons of these classes.
Production and Marketing Administration.

TABLE 362.—*Fruits and vegetables: Cold-storage holdings as of the annual high and low point, 1939-48*

Year	Apples		Pears		Frozen fruits		Frozen vegetables	
	High (Dec. 1)	Low (Aug. 1)	High (Oct. 1)	Low (May 1)	High (Nov. 1)	Low (May 1)	High (Nov. 1)	Low (June 1)
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	80,988	¹ 155	3,324	² 10	¹ 143,057	76,180	³ 78,260	⁴ 47,425
1940.....	¹ 33,838	¹ 1,138	3,058	55	¹ 166,403	76,069	86,047	46,395
1941.....	⁶ 31,325	⁶ 2,311	4,179	68	¹ 212,347	81,918	⁷ 100,440	43,878
1942.....	⁶ 35,761	⁶ 1,253	4,160	46	³ 225,104	101,810	³ 117,796	49,548
1943.....	⁶ 30,577	⁵ 1,816	4,232	90	243,547	² 96,515	⁷ 185,509	56,689
1944.....	⁸ 35,616	227	5,106	⁹ 6	301,590	² 116,930	186,984	98,910
1945.....	⁸ 32,696	⁹ 586	5,185	⁹ 15	381,267	² 159,436	204,093	77,131
1946.....	⁸ 35,413	112	8,138	² 14	⁸ 510,257	² 278,109	⁷ 351,474	⁴ 140,277
1947.....	⁸ 35,790	219	6,639	⁹ 2	⁸ 470,710	319,718	³ 353,239	230,827
1948.....	⁸ 29,807	148	4,018	4	⁸ 369,470	247,895	311,968	169,423

¹ Sept. 1. ² June 1. ³ Oct. 1. ⁴ May 1.⁵ From 1939 to 1943 figures were not gathered for July, August, and September. The figures, as given here, are as of June 1.⁶ Nov. 1. ⁷ Dec. 1. ⁸ Jan. 1. ⁹ July 1.

Production and Marketing Administration.

TABLE 363.—*Almonds (in the shell): Production, season average price per ton received by farmers, and value, California, and imports, United States, 1929-48*¹

Year	California			Imports, year beginning July ²	Year	California			Imports, year beginning July ²
	Production	Price	Farm value			Production	Price	Farm value	
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1929.....	4,700	480	2,256	33,258	1939.....	21,600	209	4,514	2,292
1930.....	13,500	200	2,700	22,108	1940.....	12,000	324	3,888	3,309
1931.....	14,800	176	2,605	13,898	1941.....	6,000	704	4,224	6,205
1932.....	14,000	165	2,310	8,177	1942.....	23,800	442	10,520	1,686
1933.....	12,900	186	2,399	5,686	1943.....	17,500	732	12,810	18,876
1934.....	10,900	180	1,962	4,978	1944.....	24,000	744	17,856	37,577
1935.....	9,300	280	2,604	17,927	1945.....	27,200	720	19,584	30,465
1936.....	7,600	402	3,055	19,069	1946.....	37,800	486	18,371	15,082
1937.....	20,000	275	5,500	5,122	1947.....	29,200	558	16,294	19,740
1938.....	15,000	258	3,870	2,510	1948 ³	34,000	425	14,450	.....

¹ The 1940 census reported small quantities of almonds produced in several other States in 1939 but about 99.9 percent of the total production was in California.² Shelled nuts converted to in-the-shell basis at ratio of 1 to 3.33.³ Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 410.

TABLE 364.—*Filberts (in the shell): Production, season average price per ton received by farmers, and value, Oregon and Washington, and imports, United States, 1929-48*¹

Year	Oregon			Washington			Oregon and Washington			Imports, year beginning July ³
	Production ²	Price	Farm value	Production ²	Price	Farm value	Production ²	Price	Farm value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	
1929	200	300	60							7,877
1930	300	340	102							7,931
1931	380	250	95	40	260	10	420	250	105	5,797
1932	400	200	80	90	210	19	490	202	99	6,570
1933	930	300	279	140	280	39	1,070	297	318	3,525
1934	1,000	200	200	210	210	44	1,210	202	244	3,544
1935	1,100	260	286	140	285	40	1,240	263	326	3,993
1936	1,850	270	500	250	270	68	2,100	270	588	4,798
1937	2,230	215	479	340	230	78	2,570	217	557	2,278
1938	2,060	220	453	380	250	95	2,440	225	548	2,221
1939	3,300	220	726	590	262	155	3,890	226	881	3,493
1940	2,700	240	648	510	300	153	3,210	250	801	1,672
1941	4,900	300	1,470	850	340	289	5,750	306	1,759	92
1942	3,600	346	1,211	670	380	255	4,270	352	1,466	66
1943	6,200	500	3,050	830	490	407	7,030	499	3,457	1,173
1944	5,600	540	2,970	920	540	497	6,520	540	3,467	8,072
1945	4,500	550	2,475	820	558	458	5,320	551	2,933	11,089
1946	7,300	380	2,774	1,150	408	469	8,450	384	3,243	13,451
1947	7,700	250	1,925	1,100	264	290	8,800	252	2,215	4,671
1948 ⁴	5,300	260	1,326	1,140	250	255	6,440	258	1,581	

¹ The 1940 census reported small quantities of hazelnuts (filberts) produced in several other States in 1939, but 99.8 percent of the total production was in Oregon and Washington.

² Includes the following quantities unharvested on account of economic conditions (tons): Oregon, 1942-100; 1943-100; 1944-100; 1948-200; Washington, 1948-120. Price and value apply only to that portion of the crop utilized.

³ Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.22.

⁴ Preliminary.

Bureau of Agricultural Economics. Imports from records of Department of Commerce.

TABLE 365.—*Pecans (in the shell): Production, season average price per pound received by farmers, and value, 12 States,¹ and foreign trade, United States, 1929-48*

Year	Improved varieties			Seedlings			Total			Foreign trade	
	Production	Price ²	Farm value	Production	Price ²	Farm value	Production	Price ²	Farm value	Imports	Domestic exports ³
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds
1929	8,839	31.7	2,803	44,501	11.4	5,064	53,340	14.7	7,867	731	
1930	13,875	27.7	3,843	43,260	10.8	4,692	57,135	14.9	8,535	503	
1931	22,002	13.9	3,059	66,461	5.8	3,839	88,463	7.8	6,898	461	
1932	11,813	13.5	1,596	56,421	4.4	2,480	68,234	6.0	4,076	24	
1933	22,941	13.0	2,975	55,871	6.0	3,349	78,812	8.0	6,324	711	
1934	19,468	15.5	3,021	36,704	11.0	4,037	56,172	12.6	7,058	1,035	
1935	29,464	12.4	3,657	95,021	5.0	4,747	124,485	6.8	8,404	699	363
1936	32,257	14.7	4,740	27,530	9.6	2,650	59,787	12.4	7,390	122	1,806
1937	40,026	10.9	4,369	67,164	5.8	3,919	107,190	7.7	8,288	465	2,614
1938	35,291	11.8	4,153	39,032	7.2	2,817	74,323	9.4	6,970	386	3,953
1939	40,944	12.2	4,975	56,116	7.8	4,399	97,060	9.7	9,374	563	2,488
1940	42,126	12.8	5,391	80,758	6.9	5,579	122,884	8.9	10,970	358	1,012
1941	51,452	12.8	6,563	70,329	8.5	5,972	121,781	10.3	12,535	4	563
1942	45,383	18.9	8,571	31,991	14.6	4,673	77,374	17.1	13,244	7	75
1943	57,173	28.5	16,277	75,869	19.0	14,381	133,042	23.0	30,658	838	1,206
1944	61,218	27.1	16,996	82,001	17.0	13,965	143,219	21.6	30,961	432	3,953
1945	59,316	29.1	17,285	81,860	20.0	16,408	141,176	23.9	33,693	850	4,208
1946	33,635	40.1	13,484	43,071	28.9	12,465	76,706	33.8	25,949	660	3,001
1947	44,870	29.5	13,220	73,769	18.4	13,560	118,639	22.6	26,780	1,384	601
1948 ⁴	76,551	15.4	11,761	101,116	9.98	10,090	177,667	12.3	21,851	477	1,652

¹ North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, Texas, and—through 1946—Illinois and Missouri.

² Prior to 1937 prices are as of Dec. 1.

³ Exports of shelled nuts converted to in-the-shell basis at ratio of 1 to 2.5. Imports of shelled nuts converted at ratio of 1 to 2.63.

⁴ Preliminary.

Bureau of Agricultural Economics. Foreign trade data from Foreign Commerce and Navigation of the United States. Data for 1919-28 in Agricultural Statistics, 1942, table 412.

TABLE 366.—*Pecans (in the shell): Production and season average price per pound received by farmers, by States, average 1937-46, annual 1947 and 1948*

IMPROVED VARIETIES

State	Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
North Carolina.....	2,298	1,734	2,450	23.0	33.0	20.0
South Carolina.....	1,921	2,200	3,100	27.0	27.0	15.0
Georgia.....	21,647	23,532	32,500	20.5	28.5	13.5
Florida.....	2,332	1,670	3,011	18.4	24.4	12.5
Alabama.....	7,758	6,175	17,500	19.4	29.4	14.4
Mississippi.....	3,600	1,305	4,400	18.9	32.0	16.7
Arkansas.....	634	654	1,090	24.6	25.0	15.5
Louisiana.....	2,447	1,400	4,700	20.0	35.5	20.0
Oklahoma.....	1,087	3,100	1,000	22.9	31.0	25.0
Texas.....	2,875	3,100	6,800	23.6	35.0	21.0
United States.....	² 46,656	44,870	76,551	20.5	29.5	15.4

SEEDLINGS

North Carolina.....	278	306	302	17.5	26.0	14.0
South Carolina.....	335	350	500	15.6	18.0	10.0
Georgia.....	3,930	4,153	7,100	14.6	20.5	9.0
Florida.....	1,743	1,104	2,464	13.7	20.0	9.3
Alabama.....	1,982	1,265	3,500	14.2	22.0	9.2
Mississippi.....	3,154	1,595	5,100	13.3	19.0	9.4
Arkansas.....	3,017	3,196	4,650	14.7	18.0	9.5
Louisiana.....	6,587	3,000	14,300	13.6	21.0	10.5
Oklahoma.....	16,413	40,900	13,000	13.4	17.5	10.5
Texas.....	23,940	17,900	50,200	13.4	19.0	10.0
United States.....	² 62,819	73,769	101,116	13.6	18.4	9.98

TOTAL

North Carolina.....	2,576	2,040	2,752	22.4	32.0	19.3
South Carolina.....	2,257	2,550	3,600	21.0	25.8	14.3
Georgia.....	25,577	27,685	39,600	19.6	27.3	12.7
Florida.....	4,075	2,774	5,475	16.4	22.6	11.1
Alabama.....	9,739	7,440	21,000	18.3	28.1	13.5
Mississippi.....	6,754	2,900	9,500	16.2	24.9	12.8
Arkansas.....	3,651	3,850	5,740	16.5	19.2	10.6
Louisiana.....	9,034	4,400	19,000	15.3	25.6	12.9
Oklahoma.....	17,510	44,000	14,000	14.2	18.5	11.5
Texas.....	26,815	21,000	57,000	14.6	21.4	11.3
United States.....	² 109,476	118,639	177,667	16.5	22.6	12.3

¹ Preliminary.² United States average includes estimated production for Illinois and Missouri. Estimates of production in those States were discontinued beginning with the 1947 crop.

Bureau of Agricultural Economics.

TABLE 367.—Walnuts, Persian (English), in the shell: Production, season average price per ton received by farmers, and value, California and Oregon, and foreign trade, United States, 1929-48

Year	California			Oregon			California and Oregon			Foreign trade, year beginning July ²	
	Pro-duction ¹	Price	Farm value	Pro-duction	Price	Farm value	Pro-duction ¹	Price	Farm value	Domes-tic ex-ports	Im-ports
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons
1929.....	42,000	320	13,440	1,400	360	504	43,400	321	13,944	.....	24,073
1930.....	29,400	410	12,054	900	400	360	30,300	410	12,414	.....	21,204
1931.....	31,600	219	6,920	2,600	275	715	34,200	223	7,635	.....	15,521
1932.....	45,900	175	8,032	3,200	240	768	49,100	179	8,800	.....	8,044
1933.....	32,700	222	7,259	1,300	280	364	34,000	224	7,623	.....	6,762
1934.....	44,000	187	8,228	3,100	250	775	47,100	191	9,003	³ 426	6,288
1935.....	53,300	201	10,713	4,100	230	943	57,400	203	11,656	.....	6,049
1936.....	44,200	216	9,547	1,600	255	408	45,800	217	9,955	.....	6,160
1937.....	59,800	180	10,764	2,600	200	380	62,400	181	11,144	.....	5,192
1938.....	49,000	222	10,878	6,300	215	1,354	55,300	221	12,232	.....	4,638
1939.....	57,400	168	9,643	5,100	170	867	62,500	168	10,510	.....	4,347
1940.....	46,400	233	10,811	4,400	200	880	50,800	230	11,691	.....	1,948
1941.....	63,000	253	15,939	7,000	240	1,680	70,000	252	17,619	.....	2,006
1942.....	57,600	308	16,971	3,600	286	901	61,200	307	17,872	.....	360
1943.....	58,500	483	28,256	5,300	420	2,142	63,800	478	30,398	.....	1,174
1944.....	65,000	446	28,990	6,800	450	2,925	71,800	446	31,915	.....	1,990
1945.....	64,000	514	32,896	6,900	460	3,082	70,900	509	35,978	.....	3,502
1946.....	63,000	570	35,910	8,900	440	3,916	71,900	554	39,826	.....	2,826
1947.....	59,000	388	22,892	5,600	310	1,705	64,600	381	24,597	.....	2,706
1948 ⁴	62,000	442	27,404	9,100	260	2,249	71,100	420	29,653	.....	.....

¹ Includes the following quantities unharvested on account of economic conditions and/or not utilized because of abnormal cullage (tons): California, 1942—2,500; Oregon, 1937—700; 1942—450; 1943—200; 1944—300; 1945—200; 1947—100; 1948—450. Price and value apply only to that portion of the crop utilized.

² Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.33.

³ Beginning Jan. 1, 1935; not segregated prior to that date.

⁴ Preliminary.

Bureau of Agricultural Economics. Foreign trade data from records of Department of Commerce. Data for 1919-28 in Agricultural Statistics, 1942, table 414.

TABLE 368.—*Tree nuts: Estimated commercial production in specified foreign countries, averages 1935-39 and 1940-44, annual 1943-48*

Commodity and country	Average		1943	1944	1945	1946	1947 ¹	1948 ¹
	1935-39	1940-44						
Almonds (shelled basis):	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
France.....	700	800	600	1,000	500	700	1,000	1,100
French Morocco.....	2,800	1,400	1,100	600	3,300	2,400	1,200	3,300
Iran.....	7,500	6,200	7,000	5,300	6,600	7,700	6,000	7,700
Italy.....	31,800	23,800	21,400	22,700	50,600	33,000	46,200	18,700
Portugal.....	3,000	1,600	2,100	1,700	2,300	3,700	1,100	2,900
Spain.....	23,100	25,200	29,000	20,900	26,400	24,200	22,000	21,600
Total.....	68,900	59,000	61,200	52,200	89,700	71,700	77,500	54,700
Brazil nuts (in the shell):								
Brazil.....	39,200	16,500	3,600	3,300	6,800	27,500	30,400	18,800
Bolivia.....	3,700	2,600	0	0	100	100	100	100
Total.....	42,900	19,100	3,600	3,300	6,900	27,600	30,500	18,900
Filberts (in the shell):								
Italy.....	24,000	17,200	15,400	21,300	15,700	47,800	9,900	26,400
Spain.....	26,800	23,700	17,600	38,000	18,000	18,200	33,000	14,500
Turkey.....	65,400	48,500	60,500	52,800	33,000	90,000	60,500	55,000
Total.....	116,200	89,400	93,500	112,100	66,700	156,000	103,400	95,900
Walnuts, Persian (English) (in the shell):								
Bulgaria.....	4,700	5,100	4,100	4,400	2,200	3,000	3,500	3,500
France.....	38,300	23,800	12,900	22,000	12,100	10,700	32,000	14,600
Hungary.....	2,100	2,800	2,200	1,900	1,100	1,100	1,000	900
Italy.....	16,500	12,600	10,900	13,800	16,500	13,200	14,000	15,400
Rumania.....	14,200	3,500	3,300	1,600	1,400	1,100	1,200	2,000
Turkey.....	8,000	8,500	5,500	5,500	2,000	5,000	2,200	6,300
Yugoslavia.....	7,500	2,700	1,600	2,200	5,100	5,000	4,000	4,500
Total.....	91,300	59,000	40,500	51,400	40,400	39,100	57,900	47,200

¹ Preliminary.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information. Data for 1942 in Agricultural Statistics, 1948, table 363.

TABLE 369.—Tree nuts: Supply and distribution, United States, 1929-48¹

Crop year	In-the-shell basis								Shelled basis	
	U. S. production ²	Imports ³	Total supply	Exports ³	Shipments to Territories	Military and war services ⁴	Civilian disappearance	Loss in shelling process	Net civilian disappearance	
									Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1929	149,940	183,171	333,111	6,808	567	325,736	192,482	133,254	1.08	
1930	145,335	186,242	331,577	7,303	494	323,780	192,800	130,980	1.05	
1931	187,303	182,141	369,444	9,417	635	359,392	218,249	141,143	1.13	
1932	195,414	125,706	321,120	6,845	583	313,692	186,278	127,414	1.01	
1933	174,752	142,401	317,153	25,710	613	290,830	179,126	111,704	.88	
1934	174,592	163,505	338,097	12,462	609	325,026	201,144	123,882	.97	
1935	260,365	214,274	474,639	18,241	626	455,772	285,988	169,784	1.32	
1936	170,787	236,878	407,665	18,323	658	388,684	246,466	142,218	1.10	
1937	277,130	197,005	474,135	15,063	717	458,355	286,017	172,338	1.32	
1938	219,803	211,097	430,900	17,207	831	412,862	261,418	151,444	1.15	
1939	273,040	199,106	472,146	12,758	1,009	458,379	285,800	172,579	1.30	
1940	254,904	245,838	500,742	5,494	952	494,296	316,684	177,612	1.33	
1941	284,907	205,848	490,755	6,085	1,156	483,514	314,936	168,578	1.25	
1942	255,914	64,375	320,289	1,726	938	315,625	194,220	121,405	.96	
1943	309,702	77,452	387,154	6,956	941	2,160	377,097	237,384	139,713	1.08
1944	347,859	182,648	530,507	8,202	2,348	12,836	507,121	328,230	178,891	1.38
1945	348,016	239,277	587,293	29,252	2,032	7,586	548,423	358,000	190,423	1.41
1946	313,006	251,051	564,057	15,799	1,633	1,924	544,701	344,491	200,210	1.41
1947	323,840	245,347	569,187	10,267	1,610	557,310	349,161	208,149	1.42	
1948	400,747	293,540	694,287	19,720	1,600	672,967	427,156	245,811	1.67	

¹ These data on tree nuts include almonds, filberts, pecans, walnuts, Brazil nuts, pignolia, pistache, chestnuts, cashews, and miscellaneous tree nuts.

² Almonds, filberts, walnuts, and pecans only; no reports on other nuts.

³ Foreign trade data on a fiscal-year basis, beginning July 1 of year indicated.

⁴ Estimated requirements.

Bureau of Agricultural Economics.

TABLE 370.—Tea: Exports from principal producing countries, averages 1935-39 and 1940-44, annual 1945-48

Continent and country	Average		1945	1946	1947 ¹	1948 ¹
	1935-39	1940-44				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asia:						
India ²	331,243	375,249	³ 363,919	327,365	383,985	390,000
Ceylon	221,568	257,936	232,003	291,775	287,259	295,838
China	79,483	20,680	(⁴)	15,172	25,793	21,200
French Indochina	3,913	1,968	174	1,658	266	628
Formosa (Taiwan)	³ 22,779	⁵ 16,304	(⁴)	39	10,458	19,800
Japan	43,280	21,574	16,211	7,543	6,695	8,874
Indonesia	153,175	⁶ 70,000	(⁴)	6,100	8,670	19,760
Africa:						
Kenya	8,218	10,094	9,526	8,951	9,586	5,946
Uganda	135	1,072	2,033	1,342	2,417	2,321
Nyasaland	8,834	12,183	13,717	13,839	12,940	15,071
Tanganyika	216	882	896	1,401	998	1,034
Total	872,844	787,942	638,479	675,185	749,057	780,472

¹ Preliminary.

² Includes Pakistan; 12 months beginning Apr. 1 of year shown.

³ Revised.

⁴ Not available.

⁵ Average exports for 1940-43.

⁶ Approximated from unofficial information.

Office of Foreign Agricultural Relations. Prepared from official statistics of foreign governments, publications of the International Tea Committee, and reports of U. S. Foreign Service officers.

TABLE 371.—*Coffee: Estimated exportable production in principal producing countries, averages 1935-39 and 1940-44, annual 1945-48*¹

Continent and country	Average		1945	1946	1947 ³	1948 ³
	1935-39 ²	1940-44				
North America:	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴
Costa Rica.....	330	358	205	313	410	270
El Salvador.....	1,011	928	748	978	1,005	1,120
Guatemala.....	⁵ 922	848	812	900	850	845
Honduras.....	27	39	30	50	38	65
Mexico.....	609	516	550	525	485	510
Nicaragua.....	253	186	180	180	240	110
Dominican Republic.....	222	197	105	193	190	150
Haiti.....	438	371	400	400	375	422
Total.....	3,812	3,443	3,030	3,539	3,593	3,492
South America:						
Brazil.....	22,638	13,260	12,200	14,018	13,572	17,000
Colombia.....	4,202	4,936	5,051	6,040	5,840	5,600
Ecuador.....	223	173	185	120	200	310
Peru.....	47	47	50	15	15	20
Venezuela.....	740	532	500	550	530	550
Total.....	27,850	18,948	17,986	20,743	20,157	23,480
Africa:						
Belgian Congo.....	300	422	400	496	525	490
British East Africa.....	775	702	740	775	803	1,013
Ethiopia.....	263	(⁶)	257	250	335	335
French Equatorial Africa.....	31	45	46	50	95	45
French Cameroons.....	52	83	100	85	93	128
Ivory Coast.....	⁵ 207	452	607	884	640	585
Madagascar.....	437	360	317	392	177	209
Angola.....	273	317	526	783	725	650
Total.....	2,338	2,381	2,993	3,715	3,393	3,455
Asia:						
Arabian States.....	77	75	83	100	100	100
India.....	155	51	24	15	25	165
Indonesia.....	1,356	(⁶)	(⁶)	205	205	250
Total.....	1,588	126	107	320	330	515
Grand total.....	35,588	24,898	24,116	28,317	27,473	30,942

¹ Figures are for crop years. Generally the main coffee-harvesting period begins in the fall months of the year shown and extends into the early months of the following year, except in certain Southern Hemisphere countries such as Brazil, Madagascar, and Indonesia, where the main harvest begins in May or June of the year shown.

² Exports used where other data not obtainable.

³ Preliminary.

⁴ Bags of 132.276 pounds (60 kilograms).

⁵ Revised.

⁶ Not available.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information.

TABLE 372.—Cacao beans: Exports from principal producing countries, averages 1935-39 and 1940-44, annual 1945-48

Continent and country	Average		1945	1946	1947 ¹	1948 ¹
	1935-39	1940-44				
The Americas:	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>	<i>pounds</i>
Costa Rica.....	14,356	11,416	2,881	8,735	1,687	9,384
Nicaragua.....	792	380	289	897	598	(²)
Panama.....	10,418	6,089	817	4,781	6,510	5,750
Cuba.....	93	55	0	0	0	836
Dominica.....	315	330	297	200	³ 300	³ 325
Dominican Republic.....	54,049	50,055	41,347	55,548	66,134	56,705
Grenada.....	8,536	6,868	6,522	5,804	5,179	5,224
Haiti ⁴	3,349	3,173	2,787	2,765	4,194	4,060
Jamaica.....	4,750	4,216	1,996	3,191	4,067	² 4,500
Trinidad and Tobago.....	31,635	14,477	7,732	6,627	9,010	18,286
Brazil.....	263,980	233,109	183,938	287,613	218,350	160,295
Ecuador.....	42,372	31,443	37,097	36,434	45,760	35,886
Venezuela.....	36,934	31,432	⁵ 28,519	36,236	27,569	38,362
Total.....	471,579	393,043	314,222	448,831	398,358	339,613
Africa:						
Belgian Congo.....	2,809	2,265	4,345	2,406	4,325	³ 4,000
French Cameroons.....	58,349	56,130	84,762	74,857	74,297	105,636
Ivory Coast and Dahomey.....	109,937	58,313	59,399	62,562	61,835	107,122
French Togoland.....	20,630	7,168	6,349	4,074	5,963	6,515
Gold Coast ⁶	609,363	428,705	484,359	529,348	396,789	432,905
Nigeria ⁷	216,318	184,528	172,489	224,417	248,176	239,492
Angola.....	679	399	227	873	784	627
Sao Thome and Principe.....	22,496	14,837	17,882	22,734	18,394	³ 18,000
Spanish Guinea.....	⁸ 25,168	29,020	32,436	29,586	³ 28,000	28,069
Total.....	1,065,749	781,365	862,248	950,857	838,563	942,366
Asia and Oceania:						
Ceylon.....	7,931	7,349	4,524	3,051	4,097	5,195
Indonesia.....	3,348	³ 600	0	0	0	2
New Hebrides.....	3,916	3,351	2,646	³ 2,750	³ 3,100	³ 2,700
Western Samoa.....	2,326	3,469	4,402	4,224	5,327	4,825
Total.....	17,521	14,769	11,572	10,025	12,524	12,722
Grand total.....	1,554,849	1,189,177	1,188,042	1,409,713	1,249,445	1,294,701

¹ Preliminary.² Not available.³ Approximated from unofficial information.⁴ 12 months ended Sept. 30 of year shown.⁵ Revised.⁶ Includes British Mandated Togoland.⁷ Includes British Mandated Cameroons.⁸ 3-year average.

Office of Foreign Agricultural Relations. Prepared from official statistics of foreign governments and reports of U. S. Foreign Service officers.

CHAPTER V

STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

The data in chapter V deal with hay, pasture, seeds, and various minor field crops. The reader will note a break in the continuity of some of the hay series; this results from a change in the method of estimating prairie or wild hay. Beginning in 1939, wild hay is estimated for only 22 Western States. In the remaining 26 States, wild hay is now included in "other hay," along with the kinds formerly grouped as "miscellaneous tame hay." Therefore, the group "all tame hay" can no longer be segregated in the table entitled "Hay, by kinds: Acreage and production, United States, 1929-48," as has been done in the past. And under both acreage harvested and production, the estimates from 1939 to date in the columns headed "Other hay" and "Wild hay" are not quite comparable with estimates for previous years.

New tables are included on world production of broad beans and horse beans, garbanzos, and lentils; and on mung beans in Oklahoma.

TABLE 373.—Hay, all: Acreage, production, season average price per ton received by farmers, value, and foreign trade, United States, 1929-48

Year	Acreage harvested	Yield per acre	Production	Price ¹	Farm value	Foreign trade, year beginning July ²	
						Domestic exports	Imports
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1929	67,828	1.26	85,281				
1929	69,531	1.26	87,357	10.94	955,768	9	60
1930	67,947	1.10	74,527	11.06	823,985	6	121
1931	68,160	1.10	75,203	8.73	656,321	3	20
1932	70,412	1.19	83,721	6.20	518,989	2	9
1933	68,439	1.10	75,072	8.09	607,271	2	2
1934	68,625	.90	62,084				
1934	66,387	.93	60,485	13.18	797,141	3	88
1935	68,550	1.32	90,364	7.52	679,252	2	5
1936	67,732	1.03	70,014	11.16	781,329	3	204
1937	66,001	1.26	83,002	8.74	725,719	111	23
1938	68,175	1.34	91,420	6.78	619,942	3	30
1939	66,979	1.25	82,415				
1939	69,243	1.25	86,533	7.94	686,903	4	65
1940	73,058	1.31	96,050	7.59	728,763	6	28
1941	73,136	1.31	95,754	9.70	928,568	3	5
1942	74,827	1.44	107,717	10.80	1,161,362	2	40
1943	77,004	1.34	103,128	14.80	1,523,795	2	372
1944	(4)		99,305				
1944	77,541	1.33	102,745	16.50	1,698,149	8	130
1945	77,017	1.41	108,630	15.10	1,641,426	29	229
1946	74,173	1.36	100,739	16.70	1,678,505	18	133
1947	75,489	1.36	102,765	17.60	1,809,234	18	109
1948 ⁵	73,616	1.36	99,846	18.90	1,884,496		

¹ Price for hay sold loose. Allowance made for peanut hay sold baled in 1948.

² Compiled from Monthly Summary of Foreign Commerce of the United States, January and June issues, and official records of the Department of Commerce.

³ Imports for consumption beginning 1933.

⁴ Not available. Acreage, excluding peanut hay, was 72,286,611 acres.

⁵ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns.

TABLE 374.—Hay, by kinds: Acreage and production, United States, 1929-48

Year	ACREAGE HARVESTED										
	Alfalfa	Clover and timothy	Sweet-clover	Lespedeza	Soy-bean	Cow-pea	Peanut-vine	Grains out green for hay	Other hay ¹	Wild hay ²	All hay
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	11,529	29,867	952	349	1,774	953	1,252	3,208	5,857	13,790	69,531
1930.....	11,609	26,990	853	440	2,082	1,091	1,045	3,933	5,973	13,951	67,947
1931.....	11,740	24,978	812	584	2,772	1,571	1,415	5,976	6,255	12,057	68,160
1932.....	12,607	23,449	842	893	2,738	2,451	1,509	5,018	6,612	14,293	70,412
1933.....	12,713	23,249	739	1,171	2,506	1,991	1,242	5,559	6,640	12,829	68,439
1934.....	11,691	20,143	744	1,850	4,227	2,321	1,528	6,793	7,064	9,026	65,387
1935.....	13,548	19,746	647	2,715	4,044	1,975	1,510	4,621	6,796	12,948	68,550
1936.....	14,062	21,029	1,118	2,253	3,116	2,006	1,617	5,629	5,777	11,125	67,732
1937.....	13,533	18,105	667	3,099	3,469	2,239	1,502	4,541	6,774	12,072	66,001
1938.....	13,366	19,524	935	3,669	3,724	1,915	1,664	3,702	7,113	12,563	68,175
1939.....	13,257	18,674	998	4,731	4,590	1,863	1,858	3,913	7,838	11,521	69,248
1940.....	14,023	20,451	758	5,062	4,819	1,976	1,983	3,937	8,247	11,758	73,058
1941.....	15,195	20,001	1,005	5,540	3,546	1,887	1,808	3,637	8,066	12,452	73,136
1942.....	16,199	20,681	668	6,730	2,621	1,790	2,957	2,724	7,683	12,804	74,827
1943.....	15,518	22,076	491	6,382	3,177	1,215	3,595	2,900	7,690	13,960	77,004
1944.....	15,233	23,279	437	6,062	2,583	793	2,946	2,898	8,186	15,124	77,541
1945.....	15,261	23,506	484	7,144	1,939	715	2,828	2,728	7,780	14,532	77,017
1946.....	14,412	24,320	370	6,394	1,533	505	2,909	2,457	7,412	13,861	74,173
1947.....	14,846	23,556	(³)	6,520	1,333	450	3,031	2,346	8,587	14,820	75,489
1948 ⁴	15,014	21,995	(³)	6,669	1,171	399	2,917	2,213	8,291	14,947	73,616

PRODUCTION

Year	PRODUCTION										
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1929.....	23,787	38,139	1,098	380	2,051	805	574	3,433	5,751	11,339	87,357
1930.....	22,713	27,187	887	331	1,938	764	456	4,107	5,322	10,822	74,527
1931.....	21,396	27,620	839	632	3,479	1,416	698	4,871	6,038	8,214	75,203
1932.....	25,924	25,831	975	923	3,433	2,059	692	5,293	6,238	11,953	83,721
1933.....	24,113	24,072	750	1,298	2,917	1,692	527	4,702	6,625	8,776	75,072
1934.....	19,036	16,512	620	1,709	4,545	1,830	660	4,849	5,922	4,802	60,485
1935.....	28,564	25,804	834	2,854	5,422	1,584	782	5,172	7,419	11,929	90,364
1936.....	24,737	20,588	1,016	1,800	3,002	1,438	755	4,369	4,987	7,322	70,014
1937.....	26,685	23,198	805	3,287	4,731	1,949	802	4,544	7,232	9,769	83,002
1938.....	28,503	26,278	1,173	4,293	5,335	1,670	869	4,278	7,955	11,066	91,420
1939.....	26,935	22,420	1,163	5,049	6,772	1,599	845	4,053	8,272	9,425	86,533
1940.....	30,286	27,557	926	5,105	6,450	1,683	1,105	4,348	9,094	9,996	96,050
1941.....	32,917	24,350	1,319	5,647	4,616	1,567	1,933	4,383	8,763	11,259	95,764
1942.....	37,162	30,002	892	7,714	3,555	1,483	1,365	3,656	9,018	12,870	107,717
1943.....	33,442	31,322	622	6,254	3,837	908	1,692	3,788	8,758	12,505	103,128
1944.....	33,270	31,633	547	5,671	3,041	633	1,312	3,586	8,923	14,129	102,745
1945.....	34,462	35,071	599	7,848	2,476	646	1,412	3,567	9,208	13,250	108,539
1946.....	31,741	34,341	421	7,198	1,984	451	1,405	3,083	8,571	11,544	100,739
1947.....	33,450	32,772	(³)	6,740	1,631	366	1,375	2,948	10,004	13,479	102,765
1948 ⁴	34,083	29,309	(³)	7,627	1,567	356	1,435	2,867	9,754	12,848	99,846

¹ Includes small quantities of kinds of hay in the other columns, in some States where they are not of sufficient importance to estimate separately.

² Beginning 1939, estimates for 22 States only, as shown in table 375.

³ Separate estimates discontinued.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 429, and for 1919-23 in 1941 book, table 414.

TABLE 375.—Hay, alfalfa, clover and timothy, wild, and lespedeza: Acreage and production, by States, average 1937-46, annual 1947 and 1948

State and division	Alfalfa hay						Clover and timothy hay ²					
	Acreage harvested			Production			Acreage harvested			Production		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	
Maine.....	5	4	4	7	6	5	470	430	426	490	494	490
New Hampshire.....	4	4	4	7	9	9	176	168	155	222	235	209
Vermont.....	21	24	29	43	53	67	588	589	613	823	913	950
Massachusetts.....	11	11	12	25	25	28	219	210	206	366	378	391
Rhode Island.....	1	1	1	2	2	2	17	17	16	25	28	26
Connecticut.....	22	25	28	52	60	67	141	142	145	222	241	254
New York.....	399	322	345	779	676	724	2,775	2,721	2,612	4,056	4,490	4,310
New Jersey.....	68	60	62	145	135	143	124	137	129	177	219	213
Pennsylvania.....	286	271	268	547	528	523	1,930	2,014	1,954	2,624	2,920	2,736
North Atlantic.....	815	722	753	1,607	1,494	1,568	6,440	6,428	6,256	9,007	9,918	9,579
Ohio.....	458	412	367	901	803	716	1,786	1,994	1,954	2,390	2,592	2,638
Indiana.....	434	380	391	800	722	723	943	1,030	1,030	1,144	1,236	1,236
Illinois.....	494	521	563	1,121	1,172	1,323	1,290	1,517	1,352	1,694	2,124	1,758
Michigan.....	1,210	1,092	1,036	1,898	1,693	1,606	1,239	1,404	1,221	1,570	1,685	1,587
Wisconsin.....	1,047	984	1,053	2,232	2,263	1,948	2,493	2,815	2,646	3,892	4,222	3,175
Minnesota.....	1,216	822	880	2,440	1,685	1,804	974	1,284	1,143	1,440	1,798	1,429
Iowa.....	922	688	702	2,041	1,479	1,509	1,910	2,430	1,993	2,573	3,402	2,192
Missouri.....	272	320	336	689	736	974	1,101	1,361	1,157	1,078	1,497	1,273
North Dakota.....	156	173	218	216	242	316	5	4	4	6	5	5
South Dakota.....	296	412	457	424	639	777	11	15	21	12	17	27
Nebraska.....	773	1,004	1,044	1,355	2,058	2,192	15	65	81	18	75	93
Kansas.....	658	1,016	1,026	1,288	1,981	2,411	45	114	130	57	137	162
North Central.....	7,937	7,824	8,073	15,404	15,473	16,299	11,813	14,033	12,732	15,876	18,790	15,575
Delaware.....	5	6	7	11	14	16	33	28	28	43	39	35
Maryland.....	44	51	55	88	105	113	293	306	306	362	382	398
Virginia.....	62	94	105	131	207	262	459	478	492	556	502	664
West Virginia.....	44	54	57	90	113	123	404	461	452	479	507	588
North Carolina.....	9	26	39	19	61	92	72	84	86	80	97	95
Georgia.....	4	3	4	7	5	7	6	8	8	5	7	8
South Atlantic.....	170	234	267	348	505	613	1,268	1,365	1,372	1,526	1,534	1,788
Kentucky.....	204	264	264	425	607	528	371	502	402	447	703	502
Tennessee.....	99	171	176	222	419	361	178	207	182	209	259	200
Alabama.....	6	11	16	10	18	34	5	5	5	4	5	5
Mississippi.....	63	51	51	144	107	122	10	13	13	12	13	14
Arkansas.....	97	105	107	230	252	321	24	31	31	26	34	42
Louisiana.....	24	16	18	52	32	43	17	24	23	18	25	23
Oklahoma.....	287	421	421	545	800	926	-----	-----	-----	-----	-----	-----
Texas.....	115	134	130	290	335	351	-----	-----	-----	-----	-----	-----
South Central.....	895	1,173	1,183	1,918	2,570	2,686	605	782	656	715	1,039	786
Montana.....	672	790	774	1,108	1,264	1,316	176	219	241	244	274	337
Idaho.....	801	772	757	1,946	2,007	1,968	120	100	98	159	135	132
Wyoming.....	346	320	320	582	528	512	83	88	84	102	106	92
Colorado.....	636	606	624	1,294	1,333	1,435	154	155	158	223	240	237
New Mexico.....	131	146	136	354	423	408	10	13	14	14	18	20
Arizona.....	194	210	176	497	514	458	-----	-----	-----	-----	-----	-----
Utah.....	435	388	380	960	931	912	24	25	22	40	44	33
Nevada.....	108	108	106	261	292	276	26	34	34	35	54	51
Washington.....	307	302	296	749	740	799	191	163	171	403	350	385
Oregon.....	279	246	244	715	652	671	114	112	118	205	202	218
California.....	872	1,005	925	3,797	4,724	4,162	37	39	39	67	68	76
Western.....	4,782	4,893	4,738	12,262	13,408	12,917	936	948	979	1,494	1,491	1,581
United States.....	14,600	14,846	15,014	31,540	33,450	34,083	21,062	23,556	21,995	28,617	32,772	29,309

See footnotes at end of table.

TABLE 375.—Hay, alfalfa, clover and timothy, wild, and lespedeza: Acreage and production, by States, average 1937-46, annual 1947 and 1948—Continued

State and division	Wild hay ²						Lespedeza hay ⁴					
	Acreage harvested			Production			Acreage harvested			Production		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	
Ohio.....							⁵ 9	9	8	⁵ 10	12	10
Indiana.....							89	89	88	97	107	97
Illinois.....							108	91	105	113	100	121
Wisconsin.....	149	106	130	175	122	130						
Minnesota.....	1,427	1,308	1,230	1,578	1,439	1,292						
Iowa.....	120	80	90	141	96	104						
Missouri.....	150	150	150	169	195	195	1,130	1,450	1,595	1,153	1,450	1,914
North Dakota.....	2,112	2,654	2,495	1,799	2,389	2,121						
South Dakota.....	2,337	3,240	3,532	1,680	2,430	2,472						
Nebraska.....	2,703	2,815	3,012	1,907	2,252	1,958						
Kansas.....	622	702	632	655	772	790	⁵ 65	108	89	⁵ 70	113	111
North Central.....	9,619	11,055	11,271	8,103	9,695	9,062	1,386	1,747	1,885	1,428	1,782	2,253
Delaware.....							⁵ 11	17	19	⁵ 12	18	22
Maryland.....							⁵ 28	40	50	⁵ 31	52	58
Virginia.....							416	460	501	440	437	576
West Virginia.....							⁵ 25	18	19	⁵ 26	20	21
North Carolina.....							407	535	503	445	562	553
South Carolina.....							125	222	266	114	189	266
Georgia.....							127	200	220	107	170	209
South Atlantic.....							1,132	1,492	1,578	1,168	1,448	1,705
Kentucky.....							729	754	716	830	942	788
Tennessee.....							1,185	1,119	1,052	1,288	1,231	1,105
Alabama.....							112	104	109	94	88	104
Mississippi.....							259	334	321	306	384	417
Arkansas.....	177	218	194	188	196	262	557	732	776	550	622	970
Louisiana.....							81	108	115	101	119	121
Oklahoma.....	407	449	409	441	494	511	⁵ 50	130	117	⁵ 51	124	164
Texas.....	186	200	175	190	190	149						
South Central.....	770	867	778	820	880	922	2,963	3,281	3,206	3,210	3,510	3,669
Montana.....	743	880	862	649	748	776						
Idaho.....	131	146	153	146	161	153						
Wyoming.....	467	500	490	388	475	294						
Colorado.....	413	470	451	395	517	496						
New Mexico.....	19	18	17	15	14	13						
Arizona.....	4	3	3	4	2	3						
Utah.....	85	109	105	101	136	126						
Nevada.....	244	259	267	256	285	280						
Washington.....	45	41	48	53	47	62						
Oregon.....	251	300	330	285	330	412						
California.....	176	172	172	221	189	249						
Western.....	2,577	2,898	2,898	2,514	2,904	2,864						
United States.....	12,966	14,820	14,947	11,437	13,479	12,848	5,481	6,520	6,669	5,807	6,740	7,627

¹ Preliminary.² Excludes sweetclover and lespedeza hay.³ Includes prairie, marsh, and salt grass hays.⁴ Small quantities are produced in other States where they are not estimated separately.⁵ Short-time average.

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TABLE 376.—Hay, all: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1937-46, annual 1947 and 1948

State and division	Acreage harvested			Yield per acre			Production			Price for crop of 1—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Maine.....	901	880	879	0.93	1.08	1.00	841	950	880	13.00	18.80	19.90
New Hampshire.....	367	376	371	1.14	1.26	1.20	417	473	445	15.20	20.20	21.40
Vermont.....	976	1,052	1,047	1.33	1.51	1.53	1,303	1,597	1,597	13.70	18.80	19.90
Massachusetts.....	371	372	372	1.52	1.62	1.76	563	602	653	20.20	24.10	26.10
Rhode Island.....	36	36	36	1.35	1.68	1.47	49	57	53	20.60	23.90	25.60
Connecticut.....	292	296	295	1.49	1.68	1.66	435	496	490	20.30	24.20	26.70
New York.....	3,956	3,938	3,922	1.44	1.60	1.61	5,720	6,297	6,306	12.50	15.30	16.90
New Jersey.....	257	253	246	1.61	1.70	1.77	413	430	436	19.90	22.00	25.20
Pennsylvania.....	2,424	2,437	2,348	1.41	1.50	1.46	3,435	3,651	3,430	13.80	17.50	19.20
North Atlantic.....	9,581	9,640	9,516	1.37	1.51	1.50	13,176	14,546	14,290	13.90	17.60	19.20
Ohio.....	2,527	2,570	2,448	1.46	1.40	1.44	3,677	3,602	3,516	12.00	17.70	18.80
Indiana.....	1,929	1,701	1,675	1.37	1.36	1.36	2,639	2,318	2,277	12.50	18.40	19.40
Illinois.....	2,859	2,581	2,376	1.40	1.48	1.50	3,996	3,815	3,567	12.20	19.20	20.40
Michigan.....	2,711	2,830	2,632	1.39	1.32	1.37	3,761	3,730	3,606	11.70	18.90	17.10
Wisconsin.....	4,018	4,134	4,048	1.68	1.67	1.36	6,771	6,918	5,501	10.90	18.60	23.40
Minnesota.....	4,442	4,009	3,751	1.48	1.42	1.37	6,576	5,687	5,145	6.97	14.20	16.00
Iowa.....	3,496	3,291	2,964	1.58	1.65	1.37	5,536	5,088	4,046	9.32	13.00	18.30
Missouri.....	3,365	3,805	3,625	1.13	1.15	1.32	3,833	4,393	4,803	10.30	16.00	15.70
North Dakota.....	3,057	3,327	3,227	.95	.96	.92	2,901	3,184	2,975	5.18	10.30	10.90
South Dakota.....	3,033	3,860	4,159	.81	.85	.83	2,500	3,296	3,443	6.24	13.40	14.10
Nebraska.....	3,759	4,055	4,272	.94	1.13	1.03	3,573	4,591	4,382	7.63	13.50	15.00
Kansas.....	1,538	2,027	1,948	1.44	1.14	1.83	2,252	3,116	3,565	8.60	15.60	13.20
North Central.....	36,734	38,190	37,125	1.30	1.30	1.26	48,014	49,738	46,826	9.83	15.80	17.10
Delaware.....	73	69	72	1.30	1.36	1.33	95	94	96	17.80	21.30	20.90
Maryland.....	430	449	463	1.32	1.36	1.38	567	611	641	17.00	21.20	21.40
Virginia.....	1,306	1,350	1,414	1.14	1.06	1.29	1,486	1,437	1,823	16.90	24.90	24.70
West Virginia.....	767	805	802	1.20	1.16	1.31	920	932	1,050	16.30	21.10	20.50
North Carolina.....	1,199	1,258	1,230	.98	.99	1.04	1,176	1,250	1,284	18.90	28.40	29.00
South Carolina.....	587	489	500	.76	.78	.92	446	382	459	18.90	28.70	29.50
Georgia.....	1,347	1,302	1,400	.55	.51	.57	731	669	799	14.80	20.20	18.30
Florida.....	116	123	127	.55	.51	.54	63	63	69	13.70	20.20	16.50
South Atlantic.....	5,826	5,845	6,008	.94	.93	1.04	5,483	5,438	6,221	16.90	24.20	23.90
Kentucky.....	1,677	1,881	1,712	1.26	1.44	1.28	2,130	2,704	2,194	14.60	20.40	22.60
Tennessee.....	1,902	1,855	1,742	1.14	1.24	1.16	2,182	2,297	2,029	16.60	24.20	24.70
Alabama.....	1,040	927	870	.74	.74	.80	771	687	694	14.90	24.30	22.00
Mississippi.....	901	806	761	1.22	1.22	1.33	1,095	980	1,011	14.60	24.70	23.20
Arkansas.....	1,345	1,370	1,347	1.11	1.01	1.40	1,601	1,379	1,887	12.60	20.50	16.80
Louisiana.....	325	327	324	1.23	1.17	1.14	398	381	369	12.40	18.90	20.50
Oklahoma.....	1,218	1,545	1,446	1.20	1.18	1.39	1,461	1,829	2,006	9.22	15.00	14.30
Texas.....	1,430	1,651	1,505	.97	.86	.87	1,383	1,412	1,311	11.30	18.90	21.80
South Central.....	9,838	10,362	9,707	1.11	1.13	1.18	10,921	11,669	11,501	13.40	20.70	20.40
Montana.....	1,994	2,397	2,368	1.20	1.16	1.24	2,405	2,773	2,932	9.46	17.40	16.10
Idaho.....	1,160	1,089	1,085	2.06	2.20	2.17	2,392	2,394	2,353	11.20	16.90	20.80
Wyoming.....	1,070	1,115	1,081	1.14	1.17	.96	1,228	1,303	1,043	10.10	17.60	21.50
Colorado.....	1,411	1,395	1,400	1.50	1.66	1.70	2,122	2,311	2,382	11.30	16.60	16.30
New Mexico.....	210	221	213	2.05	2.29	2.34	432	506	499	14.10	24.40	24.00
Arizona.....	264	273	229	2.26	2.19	2.36	597	598	541	12.50	20.00	23.30
Utah.....	576	559	547	1.99	2.10	2.07	1,145	1,172	1,134	13.00	18.80	22.10
Nevada.....	406	430	438	1.45	1.55	1.48	587	666	647	12.60	17.10	22.00
Washington.....	930	824	832	1.92	1.96	2.11	1,781	1,617	1,759	13.50	19.60	21.90
Oregon.....	1,106	1,089	1,118	1.74	1.69	1.79	1,918	1,835	2,000	12.70	19.60	22.20
California.....	1,911	2,060	1,949	2.80	3.01	2.93	5,361	6,199	5,718	13.70	19.10	21.70
Western.....	11,038	11,452	11,260	1.81	1.87	1.87	19,968	21,374	21,008	12.20	18.40	20.40
United States.....	73,018	75,489	73,616	1.34	1.36	1.36	97,563	102,765	99,846	11.50	17.60	18.90

¹ Preliminary. ² Price for hay sold loose.

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TABLE 377.—Hay: Season average price per ton, United States and specified markets, 1939-48

Year beginning July—	Prices received by farmers, United States, for loose hay				Price of No. 1 alfalfa, baled	
	All hay	Alfalfa ¹	Mixed clover and timothy ¹	Prairie ¹	Kansas City ²	Los Angeles ²
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939.....	7.94	8.63	9.21	4.62	15.40	15.25
1940.....	7.59	8.36	8.75	4.81	13.40	14.65
1941.....	9.70	10.90	11.66	5.20	15.90	20.40
1942.....	10.80	12.90	11.77	5.99	20.45	28.00
1943.....	14.80	17.50	15.20	8.91	29.25	32.55
1944.....	16.60	18.20	18.70	8.93	27.20	31.15
1945.....	15.10	17.60	16.40	8.45	27.85	32.85
1946.....	16.70	20.20	17.00	10.50	32.15	36.65
1947.....	17.60	20.70	18.30	11.30	32.50	33.15
1948 ³	18.90	21.20	18.80	12.20	27.65	36.95

¹ Season average prices obtained by weighting United States monthly prices by monthly marketings of all hay. Data for earlier years for all hay, alfalfa, clover, and timothy, and prairie hay in January 1946 issue of Crops and Markets, p. 55.

² Compiled from reports made directly to the Production and Marketing Administration by its representatives in the market. Straight average of 12 months beginning in July at Kansas City and April at Los Angeles. Data for earlier years on Kansas City market in 1928 Yearbook, table 292, and 1931 Yearbook, table 327.

³ Preliminary.

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TABLE 378.—Pasture and range: Condition, 1st of month, United States, average 1926-45, annual 1929-48

Year	Pasture						Range ¹					
	May	June	July	August	September	October	May	June	July	August	September	October
Average	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1926-45	77	80	79	72	69	70	82	85	85	82	80	80
1929.....	87	87	88	80	67	70	84	87	88	85	81	83
1930.....	77	80	75	56	48	56	86	90	87	80	78	79
1931.....	79	78	73	64	63	64	84	83	79	73	74	71
1932.....	74	78	79	71	68	67	80	87	90	86	83	84
1933.....	72	82	60	56	60	66	76	80	77	73	75	76
1934.....	66	53	49	40	43	54	79	70	66	54	53	55
1935.....	70	78	85	81	74	74	69	81	87	84	81	83
1936.....	69	74	58	42	40	54	78	83	76	73	70	74
1937.....	69	76	79	74	68	66	75	75	80	79	75	75
1938.....	82	85	86	83	76	76	84	87	87	87	82	82
1939.....	76	73	78	69	69	56	78	77	78	74	73	72
1940.....	74	81	83	71	72	71	83	87	85	80	80	82
1941.....	84	79	83	79	75	75	89	93	95	93	92	92
1942.....	84	88	91	87	88	88	87	89	89	87	88	87
1943.....	78	84	88	82	73	71	84	84	86	83	80	79
1944.....	79	89	85	72	70	77	77	85	87	85	82	83
1945.....	87	84	89	88	84	83	84	83	85	85	85	82
1946.....	84	85	85	78	74	78	82	81	82	78	77	82
1947.....	82	88	91	86	73	74	82	87	88	84	82	80
1948.....	84	82	82	84	78	72	79	82	85	84	81	77

¹ Includes the Western geographic division and range areas of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas.

Bureau of Agricultural Economics. Data for 1909-28 in Yearbook of Agriculture, 1933, table 284.

TABLE 379.—Pasture: Condition June 1 and Sept. 1, by States, average 1937-46, annual 1947 and 1948¹

State and division	Condition June 1			Condition Sept. 1			State and division	Condition June 1			Condition Sept. 1		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948		Average 1937-46	1947	1948	Average 1937-46	1947	1948
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent		Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
Maine.....	85	86	88	75	76	62	South Carolina.....	74	77	78	76	80	78
New Hampshire.....	87	87	91	78	79	75	Georgia.....	77	85	66	77	79	82
Vermont.....	91	93	89	81	84	81	Florida.....	72	78	62	84	82	83
Massachusetts.....	85	95	91	76	77	79	South Atlantic.....	79	81	81	81	82	89
Rhode Island.....	83	91	96	72	90	79	Kentucky.....	85	93	86	78	92	74
Connecticut.....	86	93	92	78	87	77	Tennessee.....	82	92	71	78	82	70
New York.....	87	93	91	75	87	80	Alabama.....	79	87	70	79	74	82
New Jersey.....	82	94	91	72	81	87	Mississippi.....	79	89	80	78	69	82
Pennsylvania.....	85	94	90	75	87	85	Arkansas.....	85	89	88	72	45	90
North Atlantic.....	86	93	91	75	85	81	Louisiana.....	80	88	79	81	61	65
Ohio.....	85	92	91	77	88	79	Oklahoma.....	78	93	78	67	66	89
Indiana.....	87	92	90	75	82	79	Texas.....	78	91	69	68	60	56
Illinois.....	88	91	89	79	63	82	South Central.....	80	91	74	72	67	69
Michigan.....	86	88	90	73	67	64	Montana.....	79	85	89	78	88	90
Wisconsin.....	85	84	86	72	66	46	Idaho.....	88	93	90	81	88	93
Minnesota.....	82	76	80	77	69	76	Wyoming.....	87	92	73	80	93	69
Iowa.....	87	91	82	85	54	66	Colorado.....	83	95	82	73	94	80
Missouri.....	87	92	88	77	61	91	New Mexico.....	71	81	76	70	72	79
North Dakota.....	75	79	84	72	84	85	Arizona.....	80	68	71	80	75	83
South Dakota.....	76	86	81	66	69	86	Utah.....	84	94	81	74	91	76
Nebraska.....	75	89	71	64	75	81	Nevada.....	87	95	62	89	93	75
Kansas.....	79	94	80	71	75	94	Washington.....	88	87	90	70	79	100
North Central.....	83	89	84	75	70	78	Oregon.....	87	80	94	73	87	90
Delaware.....	81	91	93	78	68	91	California.....	82	73	83	78	70	77
Maryland.....	82	89	90	75	78	92	Western.....	82	83	83	76	82	82
Virginia.....	81	81	90	84	81	94	United States.....	82	88	82	75	73	78
West Virginia.....	80	77	86	81	89	92							
North Carolina.....	80	76	74	85	83	85							

¹ For range States, relates largely to farm pasture; i.e., range not included.

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TABLE 380.—Alfalfa, timothy, red clover, alsike clover, sweetclover, and lespedeza seed: Acreage, yield, production, season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, and value, United States, 1929-48

ALFALFA SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
1929.....	519,700	1.91	994,200	12.04	11,970	1939.....	1,013,200	1.50	1,515,500	10.50	15,981
1930.....	547,700	2.21	1,210,800	10.78	13,049	1940.....	967,700	1.55	1,502,500	8.77	13,172
1931.....	436,900	1.98	863,300	7.31	6,314	1941.....	795,200	1.30	1,037,300	12.20	12,656
1932.....	366,500	1.78	653,000	5.53	3,614	1942.....	602,200	1.60	961,100	15.60	14,952
1933.....	617,700	1.92	1,187,200	6.04	7,173	1943.....	762,300	1.50	1,141,700	20.00	22,859
1934.....	830,500	1.85	1,168,900	9.94	11,616	1944.....	982,000	1.15	1,132,000	20.50	23,162
1935.....	549,600	1.99	1,096,200	7.92	8,682	1945.....	888,500	1.33	1,182,100	20.60	24,349
1936.....	642,200	1.58	1,013,600	11.87	12,034	1946.....	1,174,200	1.55	1,822,400	22.00	40,114
1937.....	610,900	1.87	1,144,000	13.90	15,899	1947.....	995,700	1.71	1,700,000	15.20	25,868
1938.....	746,600	1.55	1,160,600	10.66	12,375	1948 ¹	614,100	1.61	989,900	25.00	24,701

See footnotes at end of table.

TABLE 380.—*Alfalfa, timothy, red clover, alsike clover, sweetclover, and lespedeza seed: Acreage, yield, production, season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, and value, United States, 1929-48—Continued*

TIMOTHY SEED

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929	437,300	3.15	1,377,600	1.97	2,716	1939	490,200	2.96	1,449,000	1.66	2,409
1930	435,700	3.86	1,680,200	2.50	4,195	1940	398,900	3.11	1,239,000	1.49	1,848
1931	608,900	3.90	2,373,700	1.38	3,284	1941	375,300	3.38	1,266,900	2.06	2,605
1932	454,500	3.67	1,666,600	.94	1,570	1942	437,400	3.82	1,672,500	2.01	3,363
1933	325,600	2.88	936,900	1.93	1,812	1943	431,000	3.90	1,679,600	2.39	4,006
1934	140,600	1.90	266,800	6.54	1,745	1944	364,700	3.65	1,331,700	2.71	3,606
1935	1,000,800	4.27	4,276,200	1.08	4,625	1945	362,200	3.68	1,333,300	2.48	3,301
1936	381,600	2.48	946,800	2.56	2,423	1946	365,300	3.61	1,319,000	2.86	3,771
1937	591,400	4.38	2,589,000	1.19	3,086	1947	397,400	4.00	1,589,400	2.05	3,262
1938	441,900	3.09	1,367,600	1.22	1,675	1948 ¹	131,700	3.22	423,800	4.50	1,906

RED CLOVER SEED

1929	1,818,900	1.16	2,113,600	10.39	21,968	1939	1,350,300	1.25	1,690,900	8.72	14,748
1930	1,009,100	1.05	1,058,100	11.63	12,302	1940	2,042,700	1.00	2,036,900	6.07	12,367
1931	772,400	1.09	843,300	7.20	6,068	1941	1,383,700	1.07	1,478,600	9.10	13,461
1932	1,012,000	1.25	1,260,200	4.99	6,285	1942	1,147,900	.93	1,071,400	12.00	12,897
1933	1,024,300	1.10	1,126,300	6.18	6,956	1943	1,354,600	.91	1,226,600	18.00	22,113
1934	766,900	.98	749,600	10.99	8,235	1944	2,419,800	.83	2,006,700	18.70	37,542
1935	641,200	1.22	784,800	8.78	6,891	1945	2,186,500	.80	1,749,300	18.60	32,535
1936	670,400	1.06	711,700	14.43	10,268	1946	2,601,300	.82	2,141,800	22.00	47,166
1937	308,400	1.63	502,700	17.63	8,864	1947	1,393,600	.91	1,261,800	28.10	35,421
1938	1,664,000	1.13	1,878,100	8.23	15,462	1948 ¹	1,830,500	.97	1,773,900	26.00	46,080

ALSIKE CLOVER SEED

1929	280,100	1.93	539,900	9.27	5,006	1939	137,400	2.31	316,900	9.15	2,900
1930	150,300	2.20	330,100	10.65	3,514	1940	169,100	2.39	404,400	6.27	2,534
1931	134,300	2.48	333,400	5.78	1,928	1941	122,700	2.69	330,400	8.54	2,823
1932	132,100	2.37	315,500	4.63	1,461	1942	93,200	2.84	265,000	11.70	3,093
1933	146,200	2.26	330,300	6.88	2,272	1943	106,000	2.32	246,100	16.20	3,977
1934	128,700	1.83	238,000	11.88	2,804	1944	130,500	2.09	272,700	17.10	4,664
1935	134,400	2.04	274,500	9.64	2,645	1945	153,000	2.29	350,600	17.00	5,943
1936	228,200	1.76	400,800	12.11	4,852	1946	165,600	2.62	446,200	19.00	8,474
1937	100,000	2.24	223,800	15.97	3,573	1947	128,300	2.92	375,200	19.20	7,209
1938	217,100	1.81	393,500	6.85	2,696	1948 ¹	139,800	2.78	388,400	16.90	6,578

SWEETCLOVER SEED

1929	292,600	3.94	1,152,300	3.61	4,156	1939	555,800	2.74	1,524,200	2.59	3,955
1930	219,000	3.49	764,700	3.44	2,632	1940	348,200	2.88	1,001,200	2.37	2,372
1931	253,100	3.16	801,000	2.63	2,104	1941	349,100	2.28	795,700	3.46	2,753
1932	213,700	3.06	654,600	1.47	959	1942	225,200	2.86	644,300	3.97	2,558
1933	215,500	3.09	665,800	2.22	1,477	1943	178,000	2.54	452,800	5.73	2,595
1934	216,700	3.27	707,800	4.03	2,852	1944	284,500	2.52	715,700	6.18	4,223
1935	243,800	3.11	757,200	2.20	1,669	1945	239,100	2.54	606,200	6.04	3,660
1936	377,400	2.21	832,700	4.83	4,026	1946	235,700	2.66	628,000	6.40	4,021
1937	309,600	3.27	1,012,300	4.31	4,363	1947	216,700	2.65	574,300	6.45	3,702
1938	525,600	2.19	1,151,400	2.67	3,074	1948 ¹	188,200	2.83	533,200	8.32	4,437

LESPEDAZA SEED

	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars per 100 pounds</i>		<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars per 100 pounds</i>				
1929	52,000	105.6	5,491	12.37	679	1939	627,400	175.0	110,099	4.96	5,464
1930	59,100	100.1	5,915	17.45	1,032	1940	705,200	195.0	137,222	4.57	6,277
1931	105,600	140.1	14,795	11.96	1,770	1941	813,000	212.0	172,400	5.97	10,287
1932	154,800	144.3	22,336	4.99	1,115	1942	747,400	219.0	163,600	6.47	10,586
1933	266,100	169.8	45,190	5.03	2,272	1943	808,000	196.0	158,770	9.87	15,674
1934	371,400	180.3	66,950	6.15	4,119	1944	1,196,600	213.0	255,300	7.46	19,044
1935	384,900	169.7	65,332	5.13	3,354	1945	922,000	203.0	187,000	8.76	16,380
1936	300,700	138.0	41,486	11.77	4,882	1946	935,000	221.0	206,800	8.06	16,673
1937	572,500	185.9	106,450	4.88	5,196	1947	732,500	204.0	149,760	11.90	17,770
1938	763,700	234.8	179,310	3.56	6,390	1948 ¹	974,800	248.0	241,560	8.85	21,369

¹ Preliminary.

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1942, pp. 341 and 342.

TABLE 381.—*Alfalfa, timothy, red clover, alsike clover, sweetclover, and lespedeza seed: Acreage, yield, production, and season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, by States, average 1937-46, annual 1947 and 1948*

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	Acres	Acres	Acres	Bu.	Bu.	Bu.	Bu.	Bu.	Bu.	Dol.	Dol.	Dol.
Ohio	17,700	5,200	3,400	0.80	0.65	.85	14,510	3,400	2,900	16.60	20.70	28.40
Indiana	10,460	5,000	2,000	.81	.75	.80	8,190	3,800	1,600	16.80	20.80	27.60
Michigan	75,600	53,000	42,000	.83	1.00	.95	65,270	53,000	40,000	17.20	23.20	27.80
Wisconsin	30,750	20,000	22,000	.90	1.70	1.00	29,070	34,000	22,000	18.00	23.30	31.40
Minnesota	80,700	55,000	25,000	1.00	1.10	1.00	84,800	60,000	25,000	16.40	20.00	28.00
Iowa	13,360	8,500	6,500	.94	.70	.80	12,770	6,000	5,200	17.40	21.60	28.80
North Dakota	25,000	39,000	21,000	.90	.85	.65	21,730	33,000	14,000	16.30	18.90	26.30
South Dakota	22,250	51,000	36,000	1.12	1.15	.90	23,900	59,000	32,000	16.80	19.10	26.60
Nebraska	89,800	108,000	81,000	1.22	1.10	1.10	109,200	119,000	89,000	16.00	18.00	25.50
Kansas	137,200	218,000	92,000	1.34	1.40	1.10	181,900	305,000	101,000	15.00	13.40	25.00
Oklahoma	85,700	126,000	54,000	1.80	2.00	1.50	152,000	252,000	81,000	13.20	11.20	23.00
Texas	10,190	19,000	10,000	2.86	3.50	3.50	29,940	66,000	35,000	13.50	13.20	19.30
Montana	64,900	70,000	62,000	1.68	1.60	1.40	104,120	112,000	87,000	16.90	20.70	29.40
Idaho	36,800	23,000	20,000	1.72	1.70	2.20	62,300	39,000	44,000	18.20	20.20	30.50
Wyoming	20,640	12,000	14,000	1.65	1.30	1.70	35,060	15,600	24,000	16.20	20.50	28.90
Colorado	20,670	21,000	10,000	1.76	2.00	2.50	36,930	42,000	25,000	15.50	15.40	26.30
New Mexico	8,220	15,000	3,000	2.67	3.10	2.60	22,180	46,000	7,800	13.80	11.60	19.20
Arizona	35,600	61,000	40,000	3.30	3.30	3.00	111,800	201,000	120,000	13.90	10.70	17.60
Utah	38,100	46,000	45,000	1.73	2.00	2.90	67,100	92,000	130,000	16.80	18.40	28.90
Washington	2,940	3,000	4,000	2.15	4.00	4.50	5,930	12,000	18,000	17.30	19.00	29.00
Oregon	7,140	4,000	3,200	2.09	1.80	2.00	15,540	7,200	6,400	17.40	19.30	29.10
California	20,560	33,000	18,000	3.22	4.20	4.40	65,680	139,000	79,000	14.50	13.50	17.60
United States..	854,280	995,700	614,100	1.49	1.71	1.61	1,259,920	1,700,000	989,900	15.50	15.20	25.00

TIMOTHY SEED

Pennsylvania	5,760	5,400	5,100	2.76	2.85	2.80	15,920	15,400	14,300	3.08	2.65	5.20
Ohio	50,100	73,000	24,000	3.26	3.20	2.70	167,100	234,000	65,000	2.08	2.10	4.30
Indiana	12,650	17,000	5,000	2.98	3.30	2.80	38,410	56,000	14,000	2.26	2.20	4.30
Illinois	40,400	22,000	12,000	2.75	3.00	2.80	111,120	66,000	34,000	2.08	2.30	4.90
Wisconsin	14,760	9,100	4,600	3.39	3.10	2.50	51,200	28,000	11,500	2.10	2.40	5.50
Minnesota	32,060	18,900	10,000	3.76	4.00	3.50	122,800	76,000	35,000	1.92	2.00	4.35
Iowa	199,000	199,000	50,000	3.92	4.80	3.90	785,060	955,000	195,000	1.96	2.00	4.45
Missouri	71,000	53,000	21,000	3.20	3.00	2.60	232,800	159,000	55,000	2.00	2.05	4.40
United States..	425,830	397,400	131,700	3.66	4.00	3.22	1,524,760	1,589,400	423,800	2.01	2.05	4.50

RED CLOVER SEED

New York	9,070	10,000	14,000	1.17	.90	1.50	10,890	9,000	21,000	16.50	30.70	28.00
Pennsylvania	27,700	23,000	30,000	.90	.75	1.00	24,530	17,200	30,000	17.00	31.60	31.40
Ohio	223,400	96,000	250,000	.82	.60	.75	176,000	58,000	188,000	14.00	28.30	26.20
Indiana	247,800	139,000	291,000	.84	.65	.65	195,900	90,000	189,000	13.80	27.10	25.20
Illinois	284,600	278,000	250,000	.82	.65	.80	229,200	181,000	200,000	14.20	28.40	27.60
Michigan	145,600	70,000	210,000	.98	.85	1.15	140,100	60,000	242,000	13.40	26.60	23.20
Wisconsin	164,000	144,000	158,000	.90	.75	.75	136,500	108,000	118,000	13.90	29.10	26.80
Minnesota	64,050	73,000	95,000	1.18	1.00	1.15	70,400	73,000	109,000	13.90	28.40	24.80
Iowa	226,570	176,000	120,000	.78	.55	.85	169,720	97,000	102,000	14.00	29.40	28.60
Missouri	117,600	155,000	170,000	1.10	1.00	1.00	128,640	155,000	170,000	13.40	26.00	26.10
Nebraska	10,920	50,000	40,000	1.10	.90	1.10	12,010	45,000	44,000	14.00	25.60	26.30
Kansas	21,200	71,000	92,000	.98	.90	.80	20,680	64,000	74,000	13.60	24.90	26.60
Maryland	22,480	13,000	10,500	.86	.75	.75	19,680	9,800	7,900	16.80	33.50	35.30
Virginia	13,200	12,000	15,000	1.08	1.20	1.10	14,690	14,400	15,000	17.00	33.10	31.40
Kentucky	17,000	30,000	30,000	1.34	1.60	1.10	22,580	45,000	33,000	15.10	28.70	27.30
Idaho	31,750	28,000	25,000	4.86	5.20	5.30	150,600	146,000	132,000	14.30	29.40	25.40
Washington	3,110	2,600	5,000	3.20	4.00	3.80	9,880	10,400	19,000	14.00	28.80	24.50
Oregon	15,870	23,000	25,000	2.95	3.45	3.20	46,300	79,000	80,000	14.20	28.60	24.00
United States..	1,645,920	1,393,600	1,830,500	1.04	.91	.97	1,578,300	1,261,800	1,773,900	13.90	28.10	26.00

See footnotes at end of table.

TABLE 381.—Alfalfa, timothy, red clover, alsike clover, sweetclover, and lespedeza seed: Acreage, yield, production, and season average price per bushel (except lespedeza price, which is per 100 pounds) received by farmers, by States, average 1937-46, annual 1947 and 1948—Continued

ALSIKE CLOVER SEED

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937- 46	1947	1948 ¹	Average 1937- 46	1947	1948 ¹	Average 1937- 46	1947	1948 ¹	Average 1937- 46	1947	1948 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Bu.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
New York.....	980	400	400	1.47	1.20	1.20	1,480	500	500	14.10	21.00	20.20
Ohio.....	29,190	20,000	25,000	1.42	1.20	1.80	40,170	24,000	45,000	12.50	18.90	16.60
Indiana.....	6,530	2,000	3,000	1.11	1.00	1.00	7,490	2,000	3,000	12.80	19.70	18.70
Illinois.....	13,900	10,000	8,500	1.46	1.40	1.50	20,090	14,000	12,800	13.20	21.30	20.50
Michigan.....	12,300	9,000	12,000	1.76	1.90	1.50	21,180	17,100	18,000	12.20	17.90	16.40
Wisconsin.....	15,660	20,000	22,000	2.27	2.50	3.00	35,850	50,000	66,000	12.90	19.50	18.70
Minnesota.....	29,590	28,000	28,000	2.18	2.20	1.50	65,000	62,000	42,000	12.30	17.80	16.10
Iowa.....	4,900	4,000	2,600	1.31	1.15	1.20	6,670	4,600	3,100	13.40	22.30	20.70
Idaho.....	6,480	15,100	17,000	5.15	4.70	5.00	33,300	71,000	85,000	13.10	19.00	16.40
Oregon.....	17,100	16,000	18,000	4.94	6.25	5.00	83,500	100,000	90,000	13.10	19.80	16.20
California.....	² 1,700	3,800	3,300	² 6.22	7.90	7.00	² 10,725	30,000	23,000	² 13.80	19.70	16.60
United States..	139,460	128,300	139,800	2.37	2.92	2.78	324,960	375,200	388,400	12.80	19.20	16.90

SWEETCLOVER SEED

Ohio.....	14,070	21,000	4,600	2.12	2.40	2.00	29,780	50,000	9,200	4.39	6.00	8.30
Indiana.....	6,770	3,500	1,600	2.13	3.00	1.50	14,160	10,500	2,400	5.06	6.50	8.60
Illinois.....	30,500	26,000	12,000	1.94	1.80	1.40	59,600	47,000	16,800	5.05	7.50	9.90
Michigan.....	7,500	4,000	4,000	2.83	3.00	3.00	21,510	12,000	12,000	4.46	6.70	8.20
Wisconsin.....	4,850	7,000	6,500	2.87	3.50	2.70	13,810	24,000	17,600	4.65	7.10	8.10
Minnesota.....	112,200	23,000	28,000	3.13	3.90	4.00	340,500	90,000	112,000	4.17	6.40	8.90
Iowa.....	23,480	4,500	4,500	2.04	2.10	2.20	46,740	9,490	9,900	4.82	7.50	9.30
Missouri.....	10,860	11,000	8,000	2.49	2.40	2.50	26,930	26,000	20,000	5.05	7.20	9.50
North Dakota.....	20,100	7,200	11,000	2.66	3.00	3.10	50,790	22,000	34,000	4.38	6.40	7.90
South Dakota.....	18,280	5,000	5,500	2.35	2.10	2.70	41,430	10,500	14,800	4.08	6.40	7.80
Nebraska.....	23,850	26,000	38,000	2.20	1.80	2.50	52,480	47,000	95,000	4.58	6.40	8.20
Kansas.....	35,900	62,000	43,000	2.71	2.60	2.20	95,700	161,000	95,000	4.20	6.10	8.50
Montana.....	5,540	4,500	6,500	3.22	3.00	3.00	17,280	13,500	19,500	4.43	6.20	7.70
Wyoming.....	2,570	2,000	-----	3.19	3.20	-----	8,350	6,400	-----	4.40	6.20	-----
Colorado.....	8,610	10,000	15,000	3.92	4.50	5.00	34,120	45,000	75,000	4.55	6.30	7.80
United States..	325,080	216,700	188,200	2.65	2.65	2.83	853,180	574,300	533,200	4.37	6.45	8.32

LESPEDEZA SEED

Indiana.....	22,880	24,000	36,000	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
Illinois.....	19,620	16,500	16,500	191	275	265	4,394	6,600	9,500	5.61	8.30	7.40
Missouri.....	233,600	181,000	362,000	198	175	275	47,697	31,700	99,600	5.28	8.80	6.10
Kansas.....	² 58,400	29,000	58,000	² 172	160	230	² 10,957	4,600	13,300	² 4.93	8.50	5.70
Virginia.....	26,600	17,000	27,000	228	200	255	6,062	3,400	6,900	7.87	12.50	10.70
North Carolina.....	149,600	160,000	150,000	206	210	240	30,966	33,600	36,000	7.67	14.30	11.50
South Carolina.....	² 33,900	32,000	42,000	² 181	180	210	² 6,301	5,800	8,800	² 8.77	15.80	12.50
Georgia.....	² 30,000	65,000	73,000	² 188	180	220	² 6,031	11,700	16,100	² 8.72	16.00	13.00
Kentucky.....	78,200	77,000	56,000	230	280	250	18,510	21,600	14,000	5.87	9.10	9.40
Tennessee.....	113,600	70,000	50,000	225	240	210	25,942	16,800	10,500	6.55	11.80	10.80
Alabama.....	² 9,700	7,000	9,800	² 197	180	220	² 1,891	1,300	2,200	² 10.10	18.10	18.80
Mississippi.....	14,350	15,000	24,000	146	150	200	2,197	2,200	4,800	12.60	22.50	17.90
Arkansas.....	18,930	25,000	43,000	185	175	205	3,695	4,400	8,800	7.10	15.10	11.70
Louisiana.....	7,500	3,000	3,500	124	120	130	965	360	460	16.50	30.00	30.20
Oklahoma.....	-----	11,000	24,000	-----	180	260	-----	2,000	6,200	-----	10.90	8.70
United States..	809,080	732,500	974,800	205	204	248	167,695	149,760	241,560	6.46	11.90	8.85

¹ Preliminary.² Short-time average.

Bureau of Agricultural Economics.

TABLE 382.—*Field seeds: Production of clean seed, United States, 1929-48*

Year	White clover	Ladino clover ¹	Meadow fescue	Red top	Sudan grass	Kentucky bluegrass ²	Orchard grass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929	1,500		1,700	7,500	27,100	18,900	3,500
1930	1,200		1,000	7,500	35,700	10,850	3,010
1931	1,000		900	18,000	33,500	49,000	5,124
1932	775		600	15,750	40,730	19,600	2,086
1933	920		550	7,500	56,730	18,200	3,668
1934	945		550	6,000	17,050	5,600	2,534
1935	340		900	9,750	59,320	37,800	3,640
1936	550	106	400	6,750	28,695	21,000	2,125
1937	300	102	325	18,300	55,815	77,000	4,494
1938	275	182	150	17,700	53,078	18,200	2,269
1939	669	480	600	17,700	75,760	21,000	4,298
1940	835	560	1,400	18,300	48,800	46,900	4,438
1941	1,360	510	750	18,500	84,625	47,740	5,656
1942	1,920	375	1,225	16,600	38,950	63,350	6,090
1943	2,360	390	1,180	10,700	28,300	21,280	6,104
1944	1,695	730	1,445	17,800	62,600	22,008	7,000
1945	2,170	990	1,500	22,300	26,400	29,722	5,096
1946	3,980	1,030	1,380	15,000	23,300	19,670	7,770
1947	3,670	920	3,240	15,300	21,540	30,235	6,594
1948 ³	3,640	1,510	820	5,300	23,800	14,239	5,292

¹ Data not available for years prior to 1936.² Rough, cured seed.³ Preliminary.

Bureau of Agricultural Economics.

TABLE 383.—*Winter cover-crop seed: Production of clean seed, United States, 1936-48*

Year	Austrian winter peas	Vetch					Ryegrass		Crimson clover ¹	Lupine
		Hairy	Com-mon and Willam-ette	Hungar-ian	Purple	All vetch	Com-mon	Peren-nial		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1936	14,800	9,050	4,350	4,435	605	18,440	12,900	200	1,038	
1937	20,350	7,950	4,400	3,625	300	16,275	7,055	425	1,676	
1938	21,280	7,600	3,575	3,020	365	14,560	18,300	932	2,678	
1939	29,770	10,750	7,750	1,950	4,500	24,950	30,500	1,350	5,560	
1940	53,750	26,100	17,140	3,650	5,700	52,950	27,500	1,720	6,040	
1941	37,100	27,390	17,120	2,400	4,310	51,220	24,000	2,300	9,380	
1942	133,300	32,020	25,000	9,400	9,460	75,880	30,000	3,300	17,080	
1943	150,500	24,480	25,800	4,500	8,450	63,230	23,000	3,200	13,880	5,100
1944	41,100	20,630	36,000	3,000	11,900	71,530	31,000	4,600	15,770	7,100
1945	38,000	14,210	51,200	2,000	10,840	78,250	39,500	4,500	14,350	13,600
1946	56,300	12,490	45,400	1,300	12,580	71,770	58,000	5,600	15,160	38,900
1947	57,350	19,890	34,800	1,200	4,480	60,370	56,000	6,200	12,360	50,100
1948 ²	55,260	18,820	27,000	550	8,100	54,470	34,600	7,000	13,200	25,100

¹ Data for 1922-35, in Agricultural Statistics, 1943, table 299.² Preliminary.

Bureau of Agricultural Economics.

TABLE 384.—Agricultural seeds: Imports admitted under the Federal Seed Act, United States, 1946-48

Kind of seed	Year beginning July—			Kind of seed	Year beginning July—		
	1946	1947	1948		1946	1947	1948
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa.....	9,259	7,553	20,268	Mixtures:			
Barley ¹	4,136	12,047	1,691	Alfalfa and red clover	1	1	45
Bean:				Alfalfa and sweet-			
Field ¹	6	324	2	clover.....	78	54	220
Mung ¹	1	1		Clover.....	234	525	973
Beet, field ²	52	221	40	Grass.....	39		15
Bentgrass.....	314	96	84	Alsike and timothy.....		1	53
Bluegrass:				Alsike, timothy, and			
Canada.....	123	94	204	red clover.....			7
Kentucky.....	5	19	42	Smooth brome and		6	
Rough.....	519	224	98	wheat.....			
Brome, smooth.....	6,402	4,554	6,721	Sweetclover and			11
Clover:				smooth brome.....			
Alsike.....		1,157	4,183	White clover and			2
Berseem.....		27		timothy.....			
Crimson.....	283	606	789	Mustard, white ¹		44	
Ladino.....	3	441	370	Oat ¹	17,768	11,376	13,361
Red.....	73	2,572	4,326	Oatgrass, tall.....			2
Subterranean.....	185	121	83	Pea, field ¹	114	3	300
Suckling.....	14	68	95	Proso ¹		5	
White.....	473	159	184	Rape:			
Corn, field ¹	4,995	4,328	3,070	Annual ¹		38	
Fescue:				Turnip ¹			30
Chewings.....	576		49	Winter.....	8	11	24
Meadow.....	199	150	242	Redtop.....		19	62
Other.....	88	88	888	Rye ¹	1		61
Flax ¹	2,946	909	6,797	Ryegrass:			
Grass:				Perennial.....	1	11	39
Bahia.....	262	139	260	Other.....	15	3	23
Bermuda.....		1		Sainfoin.....			
Carpet.....		5	34	Sesbania.....	34	208	628
Dallis.....	575	1,185	1,701	Sourclover.....	25		17
Guinea.....	4	30	27	Soybean ¹			382
Molasses.....	12	7	6	Sunflower ¹	22	114	55
Orchard.....	32	37	1	Sweetclover.....	10,370	12,999	27,332
Rescue.....	43	10	57	Timothy.....	2	1	43
Rhodes.....	52	156	37	Trefoil:			
Sudan.....	1,037	47		Big.....	7		
Vasey.....		1	4	Birdsfoot.....	185	234	313
Kudzu.....		13	2	Vetch:			
Lespedeza, Chinese.....		2		Common.....			143
Medick, black.....	414	173	45	Hairy.....	199	181	23
Millet, foxtail ¹		46		Wheat ¹	1,300	304	6,732
				Wheatgrass:			
				Crested.....	135	70	111
				Slender.....	178	2	
				Total.....	63,799	63,822	103,407

¹ Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

² Exclusive of sugar beet.

Production and Marketing Administration. Data for 1932-41 in Agricultural Statistics, 1942, table 454; for 1942 and 1943 in the 1946 book, table 363; and for 1944 and 1945 in the 1947 book, table 370.

TABLE 385.—*Field seeds: Stocks held by dealers and Government on June 30, 1942-48*

Kind of seed	1942	1943	1944	1945	1946	1947	1948 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Alfalfa.....	10,636	3,821	4,730	4,080	4,670	15,642	12,861
Clovers:							
Red (medium and mammoth).....	20,192	10,870	3,378	2,675	1,473	3,997	4,367
Alsike.....	5,033	2,279	1,050	469	596	1,775	2,424
Sweet.....	8,996	5,962	2,940	5,541	4,274	3,124	2,589
White Dutch.....	861	569	685	318	339	854	548
Ladino.....	206	64	59	209	337	190	417
Crimson.....	3,564	6,302	1,637	260	646	143	275
Lespedezas:							
Korean.....	11,286	3,767	2,304	21,224	16,144	5,679	1,143
Kobe.....	965	259	29	513	2,081	85	1,289
Other.....	224	386	45	329	298	110	140
Hairy vetch.....	2,840	11,202	6,865	8,518	5,671	1,987	2,769
Other vetch.....	2,480	15,928	16,803	15,201	3,247	2,025	776
Austrian winter peas.....	1,643	61,093	128,057	97,730	34,241	2,395	525
Blue lupine.....	(²)	(²)	840	284	1	688	16,489
Rapeseed (for sowing).....	571	2,881	2,654	1,114	824	1,714	906
Sorgo ("cane").....	9,804	8,963	1,882	6,239	2,467	2,201	4,583
Grasses:							
Timothy.....	12,058	26,365	36,812	25,137	17,823	16,158	22,303
Redtop.....	13,837	13,495	9,575	7,362	11,332	5,733	3,288
Kentucky bluegrass.....	10,265	19,466	11,551	4,232	2,126	1,278	6,998
Orchard grass.....	404	256	456	392	550	1,928	4,077
Chewings fescue.....	(²)	558	517	522	747	1,152	1,081
Meadow fescue.....	185	182	293	266	207	407	2,549
Bentgrass.....	354	521	461	347	408	630	652
Bromegrass.....	2,159	4,147	3,363	2,537	3,885	2,093	1,691
Crested wheatgrass.....	987	863	1,831	3,667	737	148	228
Slender wheatgrass.....	(²)	157	442	682	356	246	123
Western wheatgrass.....	(²)	62	45	164	18	37	151
Ryegrass, common.....	8,769	9,467	9,354	11,439	8,228	24,411	26,333
Sudan grass.....	18,652	7,910	8,732	40,679	24,259	16,499	12,737
Bermuda grass.....	(²)	16	58	330	202	109	65
Carpet grass.....	152	11	42	162	93	8	11
Dallis grass.....	(²)	153	153	116	208	67	392
Millets (for sowing):							
Foxtail (German, Siberian, etc.).....	6,838	5,934	1,437	2,717	1,272	1,697	2,032
Proso (broomcorn, etc.).....		1,238	1,651	2,729	2,642	1,346	2,270

¹ Preliminary. ² Not included in survey of year shown.

Bureau of Agricultural Economics. Compiled from reports of 1,025 seedsmen and important country shippers.

TABLE 386.—*Field seeds: Stocks held by the Government on June 30, 1942-48¹*

Kind of seed	1942	1943	1944	1945	1946	1947	1948 ²
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Alfalfa.....					44		53
Sweetclover.....					34		
White clover.....	3	15		13	2		
Ladino clover.....				5	76		
Crimson clover.....	200	5,021	611	19			
Kobe lespedeza.....					1,527		
Other lespedeza.....					1		
Hairy vetch.....		10,054	1,702	2,566			
Other vetch.....		13,414	12,272	12,114	204		
Austrian winter peas.....	500	59,431	125,729	97,329			
Blue lupine.....			802	281		681	12,358
Rapeseed.....		1,590	22	22			
Timothy.....			304	15		179	
Redtop.....						241	
Orchard grass.....			115			75	
Chewings fescue.....						23	
Meadow fescue.....			78			1	
Bromegrass.....				54		63	
Crested wheatgrass.....				2,437		11	
Slender wheatgrass.....				465		54	
Western wheatgrass.....				54			
Ryegrass, common.....		2,527	256	5,701	2	20,943	20,850
Sudan grass.....				33,384	14,202	8,112	7,412
Bermuda grass.....				3	71		

¹ All these quantities are included in data in table 385. ² Preliminary.

Bureau of Agricultural Economics.

TABLE 387.—*Field seeds: Season average price per 100 pounds received by farmers, United States, 1929-48*

Year	Orchard grass	Sudan grass	Redtop	White clover	Hairy vetch	Common ryegrass	Austrian winter peas
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1929.....	11.07	3.68	14.25	18.48			
1930.....	10.57	5.10	18.25	23.66			
1931.....	5.07	.86	6.60	18.32			
1932.....	4.43	.89	3.40	18.22			
1933.....	7.14	2.74	5.75	12.50			
1934.....	9.50	6.46	11.10	16.20			
1935.....	6.86	1.67	5.75	13.50			
1936.....	12.29	2.63	16.00	15.30	6.90	3.90	2.80
1937.....	8.43	1.75	8.25	18.20	6.98	5.50	3.70
1938.....	10.64	1.91	7.80	26.50	6.13	3.60	2.30
1939.....	10.50	1.75	8.15	30.20	7.49	4.20	2.83
1940.....	12.29	2.18	7.35	43.00	7.30	3.10	2.95
1941.....	19.21	1.30	7.00	51.50	7.29	4.30	3.21
1942.....	20.36	2.98	6.40	45.70	9.87	5.00	4.90
1943.....	24.40	7.41	12.70	48.90	11.70	7.90	4.90
1944.....	24.50	4.91	15.30	59.10	11.10	7.00	4.82
1945.....	20.80	5.28	11.00	75.90	11.20	7.50	3.51
1946.....	11.10	7.51	16.80	62.60	14.10	7.50	3.45
1947.....	9.79	6.34	13.20	42.20	16.50	5.95	4.83
1948.....	15.43	5.68	42.30	54.20	18.30	7.60	6.00

Bureau of Agricultural Economics. Data for 1919-28 in Agricultural Statistics, 1943, table 301.

TABLE 388.—*Field seeds: Average wholesale price, January to May, for best grades at important markets, 1940-48*

Kind of seed	Market	Price per 100 pounds									
		1940	1941	1942	1943	1944	1945	1946	1947	1948 ¹	
		Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
Alfalfa.....	Kansas City	22.75	19.00	33.00	40.50	43.60	44.00	44.00	43.00	32.00	
Red clover.....	Chicago	18.70	14.00	22.50	30.50	41.00	41.00	41.00	55.00	64.00	
Alsike clover.....	do.	23.00	14.50	22.50	31.50	37.00	37.00	39.00	50.00	49.00	
Sweetclover.....	Minneapolis	6.90	6.60	13.00	12.70	16.75	16.75	16.75	17.50	19.80	
White clover.....	Chicago	62.50	72.00	73.00	60.00	63.50	80.00	100.00	77.00	56.00	
Crimson clover.....	Baltimore	11.60	10.85	11.50	12.50	14.90	18.00	20.00	23.30	27.30	
Lespedeza.....	Louisville	5.55	5.40	7.10	7.75	12.15	8.75	9.50	7.60	14.00	
Timothy.....	Chicago	6.35	5.25	9.00	6.75	8.00	8.00	8.00	9.50	8.00	
Redtop.....	do.	11.35	10.25	11.50	10.25	17.75	19.50	15.50	21.50	23.00	
Kentucky bluegrass.....	Kansas City	19.50	18.50	18.50	17.00	27.00	32.50	52.00	98.00	33.00	
Orchard grass.....	Louisville	16.90	26.00	32.50	33.40	37.00	35.50	34.40	24.00	16.00	
Meadow fescue.....	Kansas City	14.00	16.00		25.00	25.00	27.00	28.40	30.80	15.00	
Chewings fescue.....	Baltimore	51.00	32.90	35.00	48.10	64.00	77.00	60.00	72.00	43.70	
German mixed bent.....	do.	59.00			59.90	72.00	78.00	99.00	125.00	92.00	
Bermuda grass.....	do.	23.70	19.70	38.00	65.00	72.00	63.00	45.00	46.00	60.00	
Bromus inermis.....	Minneapolis	16.60	19.00	19.00	13.20	18.50	17.50	18.40	26.00	20.00	
Perennial ryegrass.....	Baltimore	11.00	12.40	14.50	17.30	22.00	19.80	21.50	22.00	16.70	
Common ryegrass.....	do.	6.00	5.00	7.75	9.25	12.00	10.40	11.00	10.80	9.40	
German millet.....	Kansas City	2.60	3.25	3.25	3.60	7.50	6.00	7.50	7.75	8.50	
Siberian millet.....	Minneapolis	3.75	4.25	4.00	3.40	5.50	4.25	5.00	7.75	7.90	
Hungarian millet.....	Chicago	4.50	3.50	4.50	5.00	6.95	6.50	7.00	7.40	8.00	
Japanese millet.....	do.	5.45	5.00	4.00	4.50	5.50	6.00	6.60	7.15	7.30	
Broomcorn millet.....	Minneapolis	2.15	1.65	2.15	2.50	3.55	2.75	4.50	5.50	7.00	
Amber sorgo.....	Kansas City	2.75	2.65	2.25	3.75	6.75	5.00	7.50	9.00	9.50	
Orange sorgo.....	do.	2.75	2.70	2.40	3.75	6.75	5.00	7.50	8.50	9.50	
Sudan grass.....	do.	3.50	3.85	3.00	6.00	12.50	7.50	8.50	10.00	9.80	
Rape.....	Baltimore	7.30	16.50	16.00	10.30	16.00	19.50	18.00	13.70	17.90	
Hairy vetch.....	do.	10.80	10.00	10.75	13.30	15.75	15.25	15.60	20.00	23.00	
Common vetch.....	do.	6.75	6.00	7.50	8.10	9.00	9.00	9.00	9.50	10.50	
Canada field peas.....	Minneapolis	5.85	5.20	5.50	6.10	6.50	6.50	7.25	8.00	8.70	
Kafr.....	Kansas City	2.30	2.30	2.75	4.25	5.50	4.25	6.00	5.60	6.80	
		Price per bushel									
Cowpeas.....	Baltimore	1.90	2.25	2.85	3.10	5.30	5.50	5.25	5.40	7.00	
Soybeans.....	Louisville	1.50	1.50	2.70	2.30	2.70	2.85	2.95	3.80	5.25	
Seed corn (hybrid).....	St. Louis	4.50	4.50	5.70	5.30	6.50	6.50	6.50	6.60	8.50	
Seed corn (open poll.).....	Chicago	1.40	1.35	1.60	2.10	3.00	3.25	3.60	3.50	4.75	
Seed wheat.....	Minneapolis	1.40	1.30	1.70	1.90	2.25	2.25	2.35	3.00	4.10	
Seed oats.....	do.	.75	.75	.90	1.35	1.75	1.30	1.65	1.65	2.60	
Seed barley.....	do.	.90	.90	1.25	1.45	1.95	2.25	1.95	2.50	3.50	
Seed rye.....	do.	1.25	1.25	1.40	1.55	2.15	2.35	3.30		3.50	
Seed buckwheat.....	do.	1.10	1.00	1.20	2.15	2.30	1.55	3.00	2.50	2.90	

¹ Preliminary.

Bureau of Agricultural Economics. Data for 1922-37 in Agricultural Statistics, 1939, table 425, and for 1938-39 in the 1948 book, table 383.

TABLE 389.—*Field seeds: Retail price per 100 pounds, 4-month (February-May) average, United States, 1939-48*

Kind of seed	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Red clover.....	20.49	20.88	15.84	24.46	32.22	43.40	43.50	44.10	57.30	66.00
Alsike clover.....	18.91	24.42	17.38	24.92	33.12	41.10	42.10	42.60	54.80	54.20
White clover.....	50.59	71.12	82.52	88.33	83.14	83.80	97.80	126.00	110.00	82.10
Sweetclover.....	8.39	7.98	7.36	13.42	13.88	18.60	18.80	18.60	19.20	20.80
Lespedeza, Korean.....	4.78	7.00	6.58	8.63	9.60	14.90	10.10	10.80	9.60	15.40
Alfalfa, common.....	28.15	25.68	21.84	36.12	45.06	47.65	47.70	48.10	51.80	41.20
Alfalfa, Grimm.....	32.96	30.86	26.29	40.36	50.30	51.80	51.90	52.80	59.60	52.20
Timothy.....	5.24	7.15	6.48	10.21	8.63	9.90	10.00	9.81	10.90	9.67
Redtop.....	14.20	14.55	13.72	14.62	14.07	20.45	23.10	20.80	26.10	27.40
Kentucky bluegrass.....	17.32	25.06	25.14	26.26	25.15	33.75	39.10	59.10	119.00	49.20
Ryegrass, common.....	8.61	8.40	7.40	9.69	10.74	14.10	13.90	14.20	14.50	14.20
Orchard grass.....	20.81	20.75	28.24	35.42	35.88	40.60	41.10	39.00	28.30	23.20
German millet.....	3.21	3.62	3.89	4.42	4.46	7.55	7.09	8.18	8.97	10.40
Amber sorgho.....	2.32	3.15	2.74	2.94	4.18	7.30	6.26	8.06	9.71	10.70
Sudan grass.....	4.30	4.26	4.36	4.09	6.88	13.90	8.96	9.95	11.60	12.20
Rape.....	9.18	9.95	20.04	22.26	15.22	18.90	22.80	23.20	20.00	24.00
Canada field peas.....	5.55	6.41	6.12	6.76	7.74	8.10	8.33	8.82	9.49	9.89

Bureau of Agricultural Economics.

TABLE 390.—*Mustard seed: Production of clean seed, by States, and United States imports, average 1937-46, annual 1940-48*

State	Average 1937-46	1940	1941	1942	1943	1944	1945	1946	1947	1948 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
California.....	3,295	4,320	4,550	4,500	2,500	4,800	860	1,700	1,300	700
Montana.....	23,222	13,000	55,180	34,000	30,300	23,800	23,800	30,700	18,900	17,100
Other States ²	³ 3,434	2,625	13,325	5,985	1,790	1,180	1,290	2,960	790	480
Total.....	29,607	19,945	73,055	44,485	34,590	29,780	25,950	35,360	20,990	18,280
Imports for consumption										
Whole seed.....	5,676	5,172	3,961	505	701	281	1,642	7,216	9,178	9,990
Ground or prepared seed.....	502	1,227	586	15	2	(⁴)	(⁴)	1	24	228

¹ Preliminary.² Washington, Oregon, and North Dakota.³ Short-time average.⁴ Less than 500 pounds.

Bureau of Agricultural Economics. Imports from reports of the Department of Commerce.

TABLE 391.—Vegetable seeds: Acreage and production, United States, average 1941-45, annual 1946-48

Kind of seed	Acreage harvested				Production			
	Average 1941-45	1946	1947	1948 ¹	Average 1941-45	1946	1947	1948 ¹
Bean:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Dwarf green.....	48,796	29,824	25,795	27,593	39,514	29,378	19,989	28,329
Dwarf wax.....	9,333	8,731	5,838	5,869	5,197	7,907	4,149	6,028
Pole (green and wax).....	7,090	6,099	6,534	6,283	7,207	6,032	5,925	6,621
Dwarf lima.....	13,276	14,037	15,681	15,562	12,824	13,472	15,000	22,294
Pole lima.....	1,368	1,175	1,100	1,167	1,689	1,069	1,134	1,357
Beet, garden.....	4,401	2,112	2,768	1,312	2,558	1,404	1,830	896
Mangelwurzel.....	771	251	302	507	707	196	432	595
Broccoli.....	61	34	121	118	53	24	111	103
Brussels sprout.....	17	8	2	9	5	3	(²)	4
Cabbage.....	2,068	1,342	1,565	1,151	887	591	1,025	513
Cabbage, Chinese.....	62	29	30	16	32	17	18	8
Carrot.....	7,280	2,022	2,760	2,890	2,631	741	1,173	1,371
Cauliflower.....	167	137	244	196	62	55	99	91
Celery.....	102	121	161	41	44	73	87	33
Chard, Swiss.....	344	84	141	99	302	75	83	86
Chicory.....	106	67	53	60	15	8	17	14
Corn:								
Sweet hybrids.....	7,294	7,473	6,621	6,432	9,186	11,325	12,619	11,621
Sweet varieties.....	6,018	3,448	3,098	3,254	6,827	4,520	4,001	5,169
Nonsweet.....	854	1,435	489	874	1,183	1,700	452	1,556
Cucumber.....	5,007	7,279	6,094	4,393	996	1,904	1,619	1,442
Dill.....	81	22	28	30	36	12	10	30
Eggplant.....	192	233	250	341	22	18	23	29
Endive.....	226	250	297	164	97	114	192	119
Kale.....	198	101	59	58	77	35	11	22
Kohlrabi.....	30	11	7	28	25	2	3	35
Leek.....	108	29	13	4	41	5	6	1
Lettuce:								
Heading.....	3,567	4,007	3,799	2,931	663	876	830	548
Loose-leaf.....	1,099	402	514	448	376	151	214	175
Romaine.....	267	191	271	244	94	83	90	108
Muskmelon.....	2,855	4,641	3,201	1,480	519	1,046	855	391
Watermelon.....	(³)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Mustard.....	1,370	555	600	282	496	298	236	175
Okra.....	(²)	(³)	(³)	(³)	(³)	(³)	(³)	(³)
Onion.....	6,051	2,470	2,657	1,369	1,572	798	1,081	515
Parsley.....	335	282	196	127	234	176	156	68
Parsnip.....	262	50	81	36	192	46	53	29
Pea:								
Smooth.....	72,925	47,087	33,622	28,462	83,656	54,631	40,132	27,546
Wrinkled.....	115,509	132,789	142,195	55,732	103,586	129,552	132,043	58,191
Pepper.....	2,117	4,588	4,067	2,831	100	244	167	98
Pumpkin.....	555	4,421	247	292	123	120	75	81
Radish.....	7,446	3,877	2,036	2,176	2,479	1,259	974	776
Salsify.....	23	34	52	8	13	17	54	6
Spinach.....	5,583	888	1,187	554	3,228	569	849	350
Squash:								
Summer.....	2,079	1,659	903	1,121	522	600	312	381
Winter.....	2,126	1,262	1,338	934	274	252	260	129
Tomato.....	12,301	14,252	11,170	7,998	441	610	468	356
Turnip.....	4,161	860	1,399	2,328	2,355	560	942	1,204
Rutabaga.....	852	32	83	306	610	23	72	254
Total.....	356,774	306,701	289,669	188,110	293,743	272,592	249,871	179,748

¹ Preliminary.

² Less than 1,000 pounds.

³ Data incomplete.

Bureau of Agricultural Economics. Compiled from reports of commercial vegetable seed growers, who usually produce about 95 percent of the total commercial production of vegetable seeds.

TABLE 392.—*Vegetable seeds: Stocks held by dealers and Government on June 30, average 1941-45, annual 1944-48*

Kind of seed	Average 1941-45	1944	1945	1946	1947	1948
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Bean:						
Dwarf green.....	11,754	12,923	18,345	15,121	10,990	6,000
Dwarf wax.....	1,996	1,175	1,485	1,720	2,741	1,991
Pole (green and wax).....	2,935	3,015	4,539	2,944	2,250	1,783
Dwarf lima.....	4,639	6,182	4,819	1,792	1,340	2,560
Pole lima.....	802	977	1,376	1,171	466	591
Beet, garden.....	1,041	614	2,301	1,781	1,674	1,836
Mangelwurzel.....	129	175	238	251	126	81
Broccoli.....	68	69	86	100	77	105
Brussels sprout.....	4	6	7	11	11	6
Cabbage.....	630	244	1,230	1,152	956	1,080
Cabbage, Chinese.....	24	26	51	66	57	46
Carrot.....	1,054	1,378	2,870	2,103	1,090	943
Cauliflower.....	41	36	102	69	46	46
Celery.....	45	57	62	72	95	131
Chard, Swiss.....	249	320	632	518	363	303
Chicory.....	18	42	30	23	16	24
Collard.....	140	99	187	200	161	92
Corn:						
Sweet, hybrids.....	1,624	1,170	4,388	3,431	3,904	5,522
Sweet varieties.....	2,398	1,775	4,308	3,745	3,025	2,046
Nonsweet.....	455	720	248	322	361	213
Cress.....	2	1	3	2	4	4
Cucumber.....	574	461	541	382	877	1,100
Dill.....	23	41	42	42	30	26
Eggplant.....	17	13	31	14	13	14
Endive.....	92	129	100	124	117	184
Kale.....	64	55	166	158	140	107
Kohlrabi.....	15	4	51	37	23	11
Leek.....	21	20	78	57	36	24
Lettuce:						
Heading.....	406	388	584	450	589	593
Loose-leaf.....	257	203	569	484	370	264
Romaine.....	63	85	95	64	43	40
Muskmelon.....	296	226	252	266	590	811
Watermelon.....	401	253	297	(¹)	(¹)	(¹)
Mustard.....	292	405	570	615	581	535
Okra.....	120	113	105	80	145	189
Onion.....	221	312	454	576	564	787
Parsley.....	127	127	149	178	199	150
Parsnip.....	98	97	195	185	165	73
Pea:						
Smooth.....	22,821	55,613	15,186	6,464	9,834	12,903
Wrinkled.....	30,935	53,843	44,272	14,301	26,337	71,822
Pepper.....	63	43	33	39	111	141
Pumpkin.....	158	181	165	153	189	170
Radish.....	1,769	1,869	2,660	2,660	2,022	1,581
Salsify.....	17	4	9	9	11	38
Spinach.....	1,869	2,835	3,096	1,195	1,560	2,093
Squash:						
Summer.....	341	403	539	534	595	487
Winter.....	177	182	336	350	335	398
Tomato.....	231	160	255	255	438	468
Turnip.....	1,592	920	2,331	2,808	1,343	1,040
Rutabaga.....	406	314	1,259	796	345	87
Total.....	93,491	150,303	121,727	² 69,870	² 77,375	² 121,539

¹ Data incomplete.² Does not include watermelon seed.

Bureau of Agricultural Economics. Compiled from reports of 265 vegetable seed dealers, who handle annually about 95 percent of the total production of vegetable seeds.

TABLE 393.—Vegetable seeds: Imports admitted under the Federal Seed Act, United States, 1946-48

Kind of seed	Year beginning July—			Kind of seed	Year beginning July—		
	1946	1947	1948		1946	1947	1948
	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds
Artichoke.....	1		2	Lettuce.....	29	11	27
Asparagus.....	72	43	18	Muskmelon.....		1	13
Bean:				Mustard ¹	305	319	431
Garden.....	111	1,183	1,281	Mustard:			
Lima.....		77	4,644	Spinach.....	1		2
Horse or broad.....	24	578	532	Vegetable.....		3	5
Beet.....	151	103	195	Onion.....	1,048	888	670
Broccoli.....	8	13	9	Pak-choi.....		11	1
Brussels sprout.....	6	7	12	Parsley ¹	35	17	5
Cabbage.....	467	160	546	Parsnip (cultivated).....	1	5	52
Carrot.....	428	537	13	Pea, garden.....	3,455	857	704
Cauliflower.....	76	38	47	Pepper ¹	3	12	4
Celeriac.....		1		Pe-tsai.....	31	39	21
Celery ¹	2			Pumpkin ¹		2	14
Chicory.....	102	51	70	Radish.....	393	1,123	1,890
Collards.....			1	Rhubarb.....			2
Corn, sweet.....	17	4	52	Rutabaga.....	92	109	515
Cress:				Salsify.....	3		
Garden.....	23	14	9	Sorrel.....	10		1
Water.....		1	2	Soybean ¹		1	
Cucumber.....	11	15	239	Spinach.....	21,655	17,072	11,512
Dandelion.....			1	Spinach, New Zealand.....	41	65	43
Eggplant.....	4	2	5	Squash.....	4	9	51
Endive.....	10	4	2	Swiss chard.....	1	22	2
Fetticus (cornsalad).....	23	11	6	Tomato.....	90	41	73
Kale.....	53	31	247	Tomato, husk.....			3
Kohlrabi.....	12	31	45	Turnip.....	56	432	1,175
Leek.....	4	6	5	Watermelon.....		4	23
				Total.....	28,858	23,953	25,222

¹ Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Production and Marketing Administration. Data for 1939-43 in Agricultural Statistics, 1946, table 372, and for 1944-45 in the 1947 book, table 381.

TABLE 394.—Usual rate of seeding specified crops, by States (quantity of seed used per acre)

State	Corn	Winter wheat	Durum wheat	Other Spring wheat	Oats	Barley	Rye	Buckwheat	Flaxseed	Sorghum grain	Rice	Beans, dry, edible	Peas, dry, field	Soybeans ¹	Cowpeas ¹	Potatoes (Irish)	Sweet-potatoes	Peanuts
	Pounds	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels	Pounds	Pounds	Pounds	Pounds	Bushels	Bushels	Bushels	Bushels	Pounds
Maine	13.0				3.0	2.2		1.7				75				28		
New Hampshire	15.0				2.4											21		
Vermont	16.0				2.6	2.1										21		
Massachusetts	15.0				2.5											20		
Rhode Island	14.5				2.8											20		
Connecticut	14.0				2.3											20		
New York	14.0	2.1		2.0	2.5	2.0	1.8	1.0				62		1.4		22		
New Jersey	9.0	2.0			2.3	2.0	1.8							1.9		22	4.6	
Pennsylvania	9.0	2.0			2.5	2.1	1.6	1.2						1.8		22		
Ohio	8.0	2.0			2.4	1.9	1.3	1.1						1.7		20		
Indiana	7.0	1.7			2.3	1.8	1.3	.9		10.0				1.4	1.4	18	6	
Illinois	7.5	1.4		1.8	2.7	1.9	1.4	1.0	.8					1.3	1.3	12	5	
Michigan	8.0	1.9			2.1	1.8	1.5	.8	.8			45		1.5		18		
Wisconsin	8.5	1.7		1.8	2.6	1.9	1.6	1.0	.75					1.3		16		
Minnesota	8.0	1.7	1.7	1.6	2.7	2.0	1.7	.9	.7			50	150	1.1		16		
Iowa	8.0	1.7		1.9	3.0	2.0	1.6	.8	.8					1.3		13	3.5	
Missouri	7.0	1.4			2.2	1.8	1.4	.8	.8	9.0				1.0	.9	15	3.5	
North Dakota	8.0		1.4	1.1	1.8	1.5	1.3	.9	.55	9.0			150	1.1		17		
South Dakota	6.5	1.0	1.3	1.1	2.2	1.6	1.3	1.0	.55	8.5				1.1		13		
Nebraska	7.0	1.1		1.1	2.2	1.6	1.2			7.0		58		1.1		16		
Kansas	6.5	1.0			2.1	1.3	1.1		.7	6.0				.8	.7	13	5	
Delaware	8.5	1.8			2.0	1.8	1.5			1.7				1.7		11	6	
Maryland	8.5	1.9			2.1	1.8	1.6	1.3		1.3				1.7	1.4	14		
Virginia	8.5	1.5			2.1	1.8	1.4	1.1		1.1				1.3	1.2	12	6	8.5
West Virginia	8.5	1.8			2.2	1.8	1.5	1.4						1.7		16		
North Carolina	8.0	1.5			2.3	1.9	1.2			8.0				1.3	.9	11	6	84
South Carolina	6.5	1.4			2.2	1.9	1.2							.8	.9	12	5.5	70
Georgia	6.5	1.3			2.2	1.7	1.2							.8	.9	10	5.5	60
Florida	6.0				1.6									.9	.9	16	5	50
Kentucky	7.0	1.4			1.7	1.7	1.4							1.5	1.2	12	4	
Tennessee	7.0	1.3			1.8	1.7	1.3	1.0						.9	.9	11	5.5	65
Alabama	7.5	1.3			2.1	1.7				8.5				.9	.9	12	4.8	50
Mississippi	8.0	1.4			2.2	1.6								1.1	.9	10	5	50
Arkansas	8.0	1.4			2.0	1.5				9.0	118			.9	.7	10	5	45
Louisiana	8.5				2.1					9.0	102			.8	.7	9	5	40
Oklahoma	7.5	1.0			2.0	1.5	1.1	.8	.7	7.0				.5	.5	10	4.5	40
Texas	7.0	.7			2.0	1.3	1.0	.75	.75	8.5	96			.5	.5	16	5	45
Montana	8.0	.9		1.0	1.7	1.4	1.0		.4			60	190			16		
Idaho	9.5	1.4		1.6	2.5	1.9	1.2					92	140			21		
Wyoming	8.0	.9		1.0	2.0	1.5	.9		.6			80	150			16		
Colorado	7.0	.9		1.3	1.9	1.3	.9			10.5		19	100			24		
New Mexico	7.5	.7		1.0	1.8	1.4	.9			11.0		16				14		60
Arizona	10.0	1.4			2.5	2.0		.9		9.0		30				20		
Utah	12.0	1.4		1.8	2.5	2.0	1.4					20				18		
Nevada	11.0	1.5		1.6	2.7	2.2										20		
Washington	11.0	1.3		1.3	2.6	1.9	1.2	.7				90	160			20		
Oregon	9.5	1.4		1.4	2.6	1.9	1.1	.7					130			21		
California	9.5	1.3			2.3	1.7	1.3	.75	.75	7.0	140	58	100			27	7	
United States	7.5	1.18	1.39	1.16	2.38	1.63	1.28	1.1	.63	8.0		49	146	1.26	.81	18.7	5.2	55.9

¹ Rate on equivalent solid acres (acres grown alone, plus approximately one-half the interplanted acres).

TABLE 395.—Beans, dry, edible: Acreage, production, value, and foreign trade, United States, 1929-48¹

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production		Season average price per 100 pounds received by farmers ²	Farm value ³	Wholesale price per 100 pounds of pea beans, New York, year beginning September ⁴	Farm and commercial storage stocks, Sept. 1 ⁵	Foreign trade, year beginning September ⁶	
				Uncleaned	Equivalent cleaned					Domestic exports	Imports
	1,000 acres	1,000 acres	Pounds	1,000 bags ⁷	1,000 bags ⁷	Dollars	1,000 dollars	Dollars	1,000 bags ⁷	1,000 bags ⁷	1,000 bags ⁷
1929 ⁸	1,924	1,746	699.4	12,212	11,561	6.82	78,790	7.87	250	170	1,459
1929	2,266	2,160	663.9	14,341	13,540	4.03	54,605	5.51	930	174	787
1930	2,145	1,947	661.7	12,884	11,970	2.07	24,799	2.99	2,065	87	115
1931	1,625	1,431	766.0	10,961	10,410	1.97	20,533	2.58	1,662	79	102
1932	1,895	1,729	738.0	12,760	12,065	2.77	33,479	3.31	1,250	69	159
1933	1,985	1,488	753.9	11,218	10,656	3.52	37,526	3.73	2,000	55	389
1934	2,087	1,865	768.6	14,335	13,333	2.95	39,293	3.29	1,150	87	152
1935	1,950	1,626	727.0	11,821	10,767	5.37	57,835	7.32	1,120	26	587
1936	1,911	1,695	933.9	15,830	14,940	3.10	46,240	3.59	925	88	106
1937	1,759	1,643	955.8	15,704	14,717	2.56	37,657	2.87	2,450	298	65
1938	1,877	1,587	894.8	14,200	14,254	3.25	46,265	3.92	3,150	793	68
1939	2,079	1,903	890.0	16,945	15,790	3.18	50,185	4.25	3,450	1,545	120
1940	2,250	2,019	919.0	18,556	17,100	4.55	77,727	5.55	3,500	1,562	74
1941	2,102	1,925	986.0	18,987	17,568	5.16	90,670	6.25	4,573	2,878	99
1942	2,599	2,362	889.0	21,002	19,435	6.05	117,493	6.66	3,581	2,657	45
1943	2,155	1,996	809.0	16,147	15,060	6.28	94,521	6.98	4,311	2,328	232
1944	1,656	1,485	881.0	13,083	11,954	6.55	78,348	7.17	855	887	185
1945	1,697	1,616	981.0	15,859	14,737	10.60	156,550	13.50	330	1,623	70
1946	1,839	1,759	979.0	17,218	15,783	11.60	183,400	14.51	-----	2,690	333
1947	1,971	1,917	1,087.0	20,833	19,429	7.91	153,711	9.53	-----	-----	-----
1948 ¹¹	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

¹ Table includes, besides the ordinary edible beans and beans grown for seed, blackeyes, and garbanzos in California. Soybeans and mung beans are not included.

² Price of cleaned beans.

³ Farm value of dry edible beans equals the price of cleaned beans applied to the production of cleaned beans rather than total production.

⁴ Compiled from New York Producers' Price Current, and beginning September 1947 from the New York Journal of Commerce.

⁵ Data on stocks not available after April 1947.

⁶ Imports and exports compiled from Monthly Summary of Foreign Commerce of the United States and official records of the Department of Commerce.

⁷ Bags of 100 pounds.

⁸ Acreage grown alone.

⁹ Imports for consumption, beginning 1933.

¹⁰ Including Government holdings.

¹¹ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns; census figures include all States; other figures, principal producing States only.

Data for 1909-28 in Agricultural Statistics, 1942, table 458.

TABLE 396.—Beans, dry, edible: Acreage, yield, production, and season average price per bag of 100 pounds received by farmers, by States, average 1937-46, annual 1947 and 1948¹

State	Acreage planted			Acreage harvested			Yield per harvested acre			Production						Price ³ for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Uncleaned			Equivalent cleaned			Average 1937-46	1947	1948 ²
										Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	Dollars	Dollars	Dollars
Maine.....	8	6	8	8	6	8	1,012	1,100	900	79	66	72	71	62	68	7.84	19.00	14.30
New York.....	141	133	172	131	125	170	949	1,100	1,280	1,248	1,375	2,176	1,172	1,306	2,078	5.49	11.90	7.50
Michigan.....	577	494	514	533	467	504	856	670	880	4,515	3,129	4,435	4,247	2,847	4,258	4.78	12.40	7.20
Minnesota.....	4	2	1	4	1	1	556	350	650	23	4	6	20	3	5	5.52	11.00	7.10
Total Northeast.....	734	635	695	680	599	683	870	764	579	5,889	4,574	6,689	5,531	4,218	6,409	4.98	12.30	7.37
North Dakota.....	^s 2	1	-----	^s 1	1	-----	^s 708	850	-----	^s 9	8	-----	^s 8	6	-----	^s 7.22	11.40	-----
Nebraska.....	43	80	85	38	73	83	1,434	1,450	1,800	548	1,058	1,494	514	1,005	1,419	4.69	9.30	7.20
Montana.....	26	27	30	24	26	29	1,246	1,300	1,250	287	338	362	251	311	333	4.54	9.20	7.10
Idaho.....	129	159	148	124	154	146	1,563	1,540	1,760	1,941	2,372	2,570	1,765	2,087	2,339	4.54	9.20	7.00
Wyoming.....	77	112	98	73	107	95	1,293	1,350	1,400	944	1,444	1,330	852	1,328	1,224	4.52	9.30	7.10
Washington.....	3	4	5	3	4	5	1,082	1,200	1,500	33	48	75	30	43	69	5.38	12.20	8.70
Total Northwest.....	282	383	366	265	365	358	1,429	1,443	1,629	3,771	5,268	5,831	3,426	4,780	5,384	4.54	9.28	7.10
Colorado.....	370	331	341	305	321	324	562	800	720	1,717	2,568	2,333	1,594	2,396	2,146	5.00	10.10	7.10
New Mexico.....	238	145	174	203	130	157	317	255	280	676	332	440	635	315	418	5.05	9.10	7.20
Arizona.....	14	15	14	13	14	14	494	430	475	64	60	66	60	54	61	5.60	12.00	8.00
Utah.....	6	7	13	6	7	13	600	760	410	36	53	53	33	50	51	5.44	10.50	7.40
Total Southwest.....	630	498	542	528	472	508	471	638	569	2,496	3,013	2,892	2,324	2,815	2,676	5.04	10.00	7.14
California:																		
Standard lima.....	^s 95	70	70	^s 95	70	70	^s 1,269	1,313	1,776	^s 1,206	919	1,243	-----	855	1,144	-----	-----	-----
Baby lima.....	^s 65	79	75	^s 65	79	75	^s 1,454	1,489	1,441	^s 940	1,176	1,081	-----	1,058	984	-----	-----	-----
Other.....	201	174	223	198	174	223	1,189	1,303	1,389	2,373	2,268	3,097	-----	2,057	2,832	-----	-----	-----
Total California.....	362	323	368	359	323	368	1,267	1,351	1,473	4,560	4,363	5,421	4,275	3,970	4,960	5.96	14.80	9.90
United States.....	2,008	1,839	1,971	1,832	1,759	1,917	914	979	1,087	16,716	17,218	20,833	15,556	15,783	19,429	5.13	11.60	7.91

¹ Table includes, besides the ordinary edible beans and beans grown for seed, blackeyes and garbanzos in California. Soybeans and mung beans are not included.

² Preliminary.

³ Price of cleaned beans.

⁴ Bags of 100 pounds.

⁵ Short-time average.

Bureau of Agricultural Economics.

TABLE 397.—Beans, dry, edible: ¹ Acreage and production in specified countries, average 1935-39, annual 1946-48 ²

Continent and country	Acreage ¹				Production			
	Average 1935-39 ⁴	1946	1947	1948 ⁵	Average 1935-39 ⁴	1946	1947	1948 ⁵
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bags ⁶	1,000 bags ⁶	1,000 bags ⁶	1,000 bags ⁶
North America:								
Canada.....	68	92	97	92	769	944	868	985
Costa Rica.....	44	50	54	34	228	200	233	195
Cuba.....	100	100	110	160	950	950	660	1,000
Dominican Republic.....	100	78	78	68	515	370	419	420
El Salvador.....	52	60	69	97	428	544	580	785
Guatemala.....	89	57	65	64	598	350	482	490
Haiti.....	80	75	65	65	450	400	370	370
Honduras.....	60	102	125	125	280	380	370	370
Mexico.....	1,419	1,815	1,831	1,947	2,579	3,065	4,384	5,160
Nicaragua.....	40	34	43	50	150	190	170	176
Panama.....	12	14	15	18	55	62	60	70
United States ⁷	1,700	1,609	1,755	1,812	14,530	15,820	17,133	19,756
Total.....	3,764	4,086	4,307	4,532	21,532	23,275	25,729	29,777
Europe:								
Austria.....	24	12	14	14	244	125	130	155
Belgium.....	4	2	2	2	40	28	28	33
Bulgaria ⁸	292	290	285	245	1,811	1,200	600	1,200
Czechoslovakia.....	13	12	11	10	128	130	85	130
France.....	424	360	390	370	3,069	1,630	1,345	2,365
Germany (Trizone).....	5	9	12	14	77	107	108	150
Greece.....	63	60	103	98	368	310	494	586
Hungary.....	150	200	250	220	1,190	1,012	1,933	1,650
Italy.....	1,255	1,265	1,240	1,220	3,768	2,890	2,890	3,500
Netherlands.....	18	8	10	9	307	118	162	132
Poland ⁸	95	90	90	110	873	800	650	600
Portugal.....	415	880	900	900	885	908	1,100	904
Rumania ⁸	960	360	410	831	4,907	2,500	3,245	4,960
Spain.....	590	550	526	500	3,368	1,575	1,653	1,790
Sweden.....	2	1	1	3	33	13	7	48
Yugoslavia ⁸	330	450	450	425	2,714	2,700	2,750	3,270
Total.....	4,640	4,549	4,694	4,971	23,782	16,046	17,180	21,473
Asia:								
Burma.....	396	358	314	300	2,700	1,200	1,200	1,000
China.....	6,250	6,117	5,790	4,000	28,100	23,980	22,000	22,000
Iran.....	385	480	500	500	1,200	1,300	1,400	1,400
Japan.....	450	154	156	179	3,361	1,338	1,060	1,425
Lebanon.....	2	7	5	7	22	110	80	110
Southern Korea.....	100	75	76	86	806	294	283	346
Syria.....	1	2	3	3	8	18	22	33
Turkey.....	185	225	227	230	1,358	1,475	1,520	1,910
Total.....	7,769	7,418	7,071	5,305	37,555	29,715	27,565	28,224
South America:								
Argentina.....	60	113	111	94	300	853	740	550
Bolivia.....	58	62	60	62	720	825	800	850
Brazil.....	2,405	3,530	3,870	3,900	17,932	22,190	25,325	26,450
Chile.....	214	235	196	182	1,744	1,820	1,552	1,433
Colombia.....	195	300	200	210	680	1,320	990	1,000
Ecuador.....	9	9	10	10	70	75	81	85
Peru.....	58	60	60	62	400	400	450	470
Uruguay.....	12	11	7	8	88	35	30	75
Venezuela.....	30	100	105	105	260	600	820	820
Total.....	3,041	4,420	4,619	4,633	22,194	28,118	30,788	31,733
Africa:								
Algeria.....	1	3	3	3	8	10	14	14
Anglo-Egyptian Sudan.....	4	7	7	8	55	80	80	90
Angola.....	67	138	150	170	570	880	1,323	1,455
French Morocco.....	3	11	8	15	6	33	35	104
Madagascar.....	143	106	110	110	944	505	505	320
Union of South Africa.....	100	130	135	140	400	550	670	535
Total.....	318	395	413	446	1,983	2,058	2,627	2,518
Total, specified countries.....	19,532	20,868	21,104	19,887	107,046	99,212	103,889	113,725

See footnotes on p. 326.

TABLE 398.—Beans, dry, edible: Production, by classes, in 100-pound bags, United States, 1944-48¹

Class	Production						
	Uncleaned					Equivalent cleaned	
	1944	1945	1946	1947	1948 ²	1947	1948 ²
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Pea and medium white.....	4,667	3,032	3,999	3,372	4,670	3,074	4,476
Great Northern.....	2,694	2,724	3,742	3,910	4,446	3,576	4,127
Small white.....	515	424	391	553	798	514	734
White marrow.....	54	56	48	50	148	47	140
White kidney.....	15	6	10	10	12	10	11
Pinto.....	3,081	2,187	2,309	3,491	3,362	3,241	3,105
Red kidney ³	613	594	1,290	1,164	1,834	1,103	1,752
Pink.....	299	290	378	515	625	453	556
Small red.....	309	249	338	535	491	473	449
Cranberry.....	126	107	80	78	148	72	141
Yelloweye.....	118	76	85	86	117	80	111
Standard lima.....	1,191	979	841	919	1,243	855	1,144
Baby lima.....	1,012	1,083	1,159	1,184	1,081	1,058	984
Blackeye, California.....	444	452	436	694	1,175	638	1,087
Garbanzo.....	30	38	39	31	2	28	2
Other.....	979	777	714	626	681	561	610
Total.....	16,147	13,083	15,859	17,218	20,833	15,783	19,429

¹ Soybeans and mung beans are not included.² Preliminary.³ Includes dark red kidney.

Bureau of Agricultural Economics.

TABLE 399.—Beans, dry, edible: Production and farm disposition, United States, 1939-48¹

Crop of—	Production		Farm disposition (cleaned basis)			
	Total	Cleaned	Used for seed		For farm household use ²	Sold
			Total	On farms where grown		
	1,000 bags ³	1,000 bags ³	1,000 bags ³	1,000 bags ³	1,000 bags ³	1,000 bags ³
1939.....	15,045	14,254	907	511	75	13,668
1940.....	16,945	15,790	992	520	67	15,203
1941.....	18,556	17,100	974	509	71	16,520
1942.....	18,987	17,568	1,142	487	61	17,020
1943.....	21,002	19,435	987	498	60	18,877
1944.....	16,147	15,060	767	348	54	14,658
1945.....	13,083	11,954	796	287	55	11,612
1946.....	15,859	14,737	880	346	51	14,340
1947.....	17,218	15,783	943	364	49	15,370
1948 ⁴	20,833	19,429	899	346	47	19,036

¹ Excluding soybeans.² Also includes small quantities fed to livestock, or lost.³ Bags of 100 pounds.⁴ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

FOOTNOTES FOR TABLE 397:

¹ Includes haricot beans (*phaseolus vulgaris*) and lima beans (*phaseolus lunatus*). Small quantities of other classes may be included for some countries.² Years shown refer to the year of harvest in the Northern Hemisphere and the period of harvest immediately following in the Southern Hemisphere.³ In countries where beans are grown extensively with other crops, the acreage was adjusted to an equivalent basis as if grown alone.⁴ In a few instances where complete data are not available, the average may be for a period other than 1935-39. ⁵ Preliminary.⁶ Bags of 100 pounds.⁷ Garbanzos excluded.⁸ Data for late years cover present boundaries and may not be strictly comparable with prewar figures.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information.

TABLE 400.—Beans, dry, edible: Production and farm disposition, by States, crops of 1947 and 1948¹

State	Crop of 1947						Crop of 1948 ³					
	Production		Farm disposition (cleaned basis)				Production		Farm disposition (cleaned basis)			
	Total	Cleaned	Used for seed		For farm household use ²	Sold	Total	Cleaned	Used for seed		For farm household use ²	Sold
			Total	On farms where grown					Total	On farms where grown		
	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴
Maine.....	66	62	6	4	3	55	72	68	5	4	3	61
New York.....	1,375	1,306	107	7	3	1,286	2,176	2,078	98	6	3	2,069
Michigan.....	3,129	2,847	231	128	16	2,703	4,435	4,258	231	128	14	4,116
Minnesota.....	4	3	1			3	6	5	1			5
North Dakota.....	8	6				6						
Nebraska.....	1,058	1,005	49	3	1	1,001	1,494	1,419	53	3	1	1,415
Montana.....	338	311	18	5		306	362	333	18	5		328
Idaho.....	2,372	2,087	136	52	2	2,033	2,570	2,339	136	52	2	2,285
Wyoming.....	1,444	1,328	78	27	1	1,300	1,930	1,224	75	26	1	1,197
Colorado.....	2,568	2,396	65	31	4	2,361	2,393	2,146	55	26	4	2,116
New Mexico.....	332	315	28	17	13	285	440	418	21	13	13	392
Arizona.....	60	54	4	3	4	47	66	61	4	3	4	54
Utah.....	53	50	3	2		48	53	51	2	2		49
Washington.....	48	43				43	75	69	4			69
California.....	4,363	3,970	213	85	2	3,883	5,421	4,960	196	78	2	4,880
United States..	17,218	15,783	943	364	49	15,370	20,833	19,429	899	346	47	19,036

¹ Excluding soybeans.

² For some States also includes small quantities fed to livestock, or lost.

³ Preliminary.

⁴ Bags of 100 pounds.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 401.—Beans, dry, edible: Season average wholesale price per 100 pounds, 1939-48

Market and variety	Year beginning September—									
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
New York City: ¹										
Pea, choice.....	Dol- 3.92	Dol- 4.25	Dol- 5.55	Dol- 6.25	Dol- 6.66	Dol- 6.98	Dol- 7.17	Dol- 13.50	Dol- 14.51	Dol- 9.53
Lima, regular, choice.....	5.79	6.03	8.98	9.32	9.51	9.94	9.96	18.75		19.34
F.o.b. California points: ²										
Baby lima, choice, recleaned.....	3.33	3.61	5.46	6.62	6.73	7.10	7.13	11.25	10.14	8.48
Lima, standard.....	4.76	5.10	7.79	7.96	8.03	8.40	8.52	18.49	23.86	17.78
Red kidney.....	5.50	8.58	6.90	6.28	6.33	6.70	6.78	14.68	14.37	10.66
Small red.....	3.46	3.40	4.35	5.61	5.83	6.20	6.23	14.08	11.42	8.96
Small white.....	3.79	3.77	4.94	5.63	5.83	6.20	6.23	15.42	15.23	8.83
F.o.b. Idaho points: ³ Great Northern, U. S. No. 1.....	3.07	3.20	4.40	5.56	5.82	6.20	6.20	10.67	10.81	7.76
F.o.b. Colorado points: ³ Pinto, choice, recleaned.....	3.76	3.07	4.35	5.65	5.92	6.30	6.30	16.37	10.51	8.42
F.o.b. Michigan points: ³ Pea, choice.....	3.34	3.68	4.94	5.70	5.93	6.25	6.88	12.88	13.29	8.10

¹ Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

² Price includes cleaning and handling charges.

³ Price includes brokerage, cleaning and handling charges.

Bureau of Agricultural Economics. Compiled as follows: New York Producers Price Current; San Francisco Weekly Bean Market Review; and records of the Production and Marketing Administration.

TABLE 402.—*Peas, dry, field: Acreage, yield, production, season average price per bag of 100 pounds received by farmers, and value, United States, 1929-48*¹

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price ²	Farm value
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bags</i> ³	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	250	192	935	1,795	-----	-----
1930.....	295	229	923	2,114	-----	-----
1931.....	312	241	914	2,202	-----	-----
1932.....	257	219	956	2,094	-----	-----
1933.....	294	258	1,004	2,591	2.49	6,449
1934.....	330	277	1,032	2,859	2.67	7,632
1935.....	370	320	1,058	3,385	2.17	7,352
1936.....	296	236	1,136	2,682	2.27	6,088
1937.....	276	227	1,363	3,095	1.72	5,327
1938.....	225	165	1,078	1,778	1.85	3,293
1939.....	238	169	1,180	1,909	2.52	4,805
1940.....	314	247	887	2,192	3.15	6,906
1941.....	379	291	1,352	3,934	3.47	12,006
1942.....	518	493	1,501	7,402	4.48	30,278
1943.....	825	795	1,371	10,903	4.91	49,265
1944.....	752	719	1,237	8,894	4.97	39,871
1945.....	549	518	1,142	5,915	4.20	22,519
1946.....	521	498	1,357	6,758	4.90	30,076
1947.....	551	520	1,252	6,513	5.37	32,050
1948 ⁴	309	292	1,227	3,584	4.95	16,169

¹ Data are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas, nor Austrian winter peas.

² Prior to 1940, prices are as of Dec. 1. Prior to 1941, they are applied to the total production, by States, to obtain approximate farm value. Beginning in 1941, prices are applied to the production of cleaned peas. Prices not available for 1929-32.

³ Bags of 100 pounds (uncleaned).

⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 403.—Peas, dry, field: Acreage, yield, production (average 1937-46), and season average price per bag of 100 pounds received by farmers, by States, annual 1947 and 1948 ¹

State	Acreage planted			Acreage harvested			Yield per harvested acre			Production					Price ³ for crop of—	
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Uncleaned			Equivalent cleaned		1947	1948 ²
										Average 1937-46	1947	1948 ²	1947	1948 ²		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	Dollars	Dollars
Wisconsin.....	5	1	3	5	1	3	933	1,050	900	45	16	27	9	38	5.00	---
Minnesota.....	4	8	3	4	7	3	918	600	900	38	42	27	38	24	4.60	6.55
North Dakota.....	14	20	5	13	18	4	1,140	1,080	1,200	152	194	48	175	41	4.55	4.80
Montana.....	33	24	9	32	23	9	1,173	1,060	1,250	372	244	112	210	96	5.95	5.80
Idaho.....	127	153	72	121	150	68	1,218	1,320	1,200	1,529	1,980	816	1,782	710	5.20	5.20
Wyoming.....	2	2	2	2	2	2	1,102	1,200	1,200	25	24	24	21	21	6.65	6.60
Colorado.....	39	35	25	19	21	20	846	900	1,000	159	189	200	165	178	4.65	4.00
Washington.....	216	266	156	198	247	150	1,323	1,350	1,300	2,712	3,334	1,950	3,134	1,831	5.30	4.70
Oregon.....	22	25	19	21	24	18	1,326	1,180	1,300	289	283	234	240	206	5.40	5.10
California.....	---	27	18	---	27	18	---	790	960	---	213	173	196	158	8.70	6.75
United States.....	460	551	309	412	520	292	1,242	1,252	1,227	5,278	6,513	3,584	5,970	3,265	5.37	4.95

¹ Data are for the States in which dry edible and seed peas are grown commercially in material quantities, and do not include cowpeas, nor Austrian winter peas.
² Preliminary.

³ Price of cleaned peas.
⁴ Bags of 100 pounds.
⁵ Short-time average.

Bureau of Agricultural Economics.

TABLE 404.—Peas, dry, field: Production, by classes, in 100-pound bags, United States, 1944-48 ¹

Class	Production						
	Uncleaned					Equivalent cleaned	
	1944	1945	1946	1947	1948 ²	1947	1948 ²
	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags	1,000 bags
Alaska, etc. ³	6,458	3,739	4,505	4,144	2,335	3,858	2,156
Canada, etc. ⁴	1,186	800	790	857	454	773	407
Other.....	1,250	1,376	1,463	1,512	795	1,339	702
Total.....	8,894	5,915	6,758	6,513	3,584	5,970	3,265

¹ Cowpeas and Austrian winter peas are not included.
² Preliminary. ³ Alaska and other smooth green kinds.
⁴ White Canada, First and Best, and other yellow or white smooth seeded kinds.

B. A. E.

TABLE 405.—*Peas, dry, edible: Acreage and production in specified countries, average 1935-39, annual 1946-48*¹

Continent and country	Acreage				Production			
	Average 1935-39 ²	1946	1947	1948 ³	Average 1935-39 ²	1946	1947	1948 ³
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴
North America:								
Canada.....	85	127	128	82	806	1,400	1,073	886
Mexico.....	12	18	17	17	41	80	88	88
United States.....	223	512	520	292	2,570	6,926	6,513	3,584
Total.....	320	657	665	391	3,417	8,406	7,674	4,558
Europe:								
Austria.....	5	7	3	2	55	60	23	27
Belgium.....	16	23	17	20	366	455	344	212
Bulgaria.....	3	10	22	20	27	61	127	120
Czechoslovakia.....	38	27	23	24	378	275	154	310
Finland.....	21	26	26	27	270	226	283	310
France.....	50	73	86	77	660	1,146	1,146	926
Germany (Trizone).....	33	61	78	86	510	683	725	980
Hungary.....	69	59	68	68	747	292	509	555
Italy.....	59	46	47	45	397	220	265	242
Netherlands ⁵	98	71	64	57	2,382	1,212	990	703
Norway ³	2	2	2	2	39	32	30	30
Poland.....	250	110	145	160	2,094	661	1,270	1,800
Rumania.....	116	269	89	81	1,060	970	331	730
Spain.....	122	107	106	89	701	513	441	406
Sweden ⁵	34	43	39	36	452	534	401	507
United Kingdom.....	20	160	170	180	336	2,822	2,028	2,420
Yugoslavia.....	12	14	16	16	133	98	192	192
Total.....	948	1,108	1,001	990	10,607	10,260	9,259	10,470
Asia:								
China.....	7,860	7,916	7,892	7,790	61,223	65,188	65,970	68,630
Japan.....	101	13	16	22	898	119	137	198
Turkey.....	7	4	4	5	36	18	19	22
Total.....	7,968	7,933	7,912	7,817	62,157	65,325	66,126	68,850
South America:								
Argentina.....	5	63	70	69	20	266	370	350
Chile.....	65	44	52	53	454	297	429	430
Total.....	70	107	122	122	474	563	799	780
Africa:								
Algeria.....	18	23	23	22	98	71	33	97
French Morocco.....	79	146	150	170	421	827	1,026	1,000
Spanish Morocco.....	3	4	4	5	15	27	25	30
Total.....	100	173	177	197	534	925	1,084	1,127
Oceania:								
Australia.....	29	13	8	8	225	152	100	100
New Zealand.....	18	51	52	50	284	490	739	684
Total.....	47	64	60	58	509	642	839	784
Total, specified countries.....	9,453	10,042	9,937	9,575	77,698	86,121	85,781	86,569

¹ Years shown refer to the year of harvest in the Northern Hemisphere and the period of harvest immediately following in the Southern Hemisphere.

² In a few instances where complete data are not available, the average may be for a period other than 1935-39.

³ Preliminary.

⁴ Bags of 100 pounds.

⁵ May include small quantities of fodder peas.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, and other information.

TABLE 406.—Broad beans and horse beans: Acreage and production in specified countries, average 1935-39,¹ annual 1946-48¹

Continent and country	Acreage				Production			
	Average 1935-39 ²	1946	1947	1948 ³	Average 1935-39 ²	1946	1947	1948 ³
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴
America:								
Bolivia.....	10	11	10	11	128	150	130	150
Chile.....	3	3	3	3	25	27	20	20
Ecuador.....	25	26	27	27	61	65	70	70
Guatemala.....	4	4	4	4	26	25	23	25
Mexico.....	70	94	95	95	311	406	427	400
Total.....	112	138	139	140	551	673	670	665
Europe:								
Belgium.....	23	10	14	7	513	206	183	132
Bulgaria.....	2	1	1	1	17	5	9	11
Czechoslovakia.....	7	10	7	4	198	137	67	61
France.....	147	86	94	98	1,714	772	750	924
Greece.....	54	35	69	67	417	200	351	425
Netherlands ⁵	28	27	17	27	652	421	220	180
Portugal.....	136	175	150	200	883	1,604	783	1,000
Rumania.....	5	3	1	1	39	4	5	1
Spain.....	454	291	300	300	3,279	2,937	1,828	2,000
Sweden ⁵	2	1	1	1	35	12	7	9
Total.....	858	639	654	706	7,747	6,298	4,203	4,743
Asia:								
China.....	6,935	7,124	7,053	7,100	66,535	64,775	67,850	67,225
Iraq.....	20	9	7	9	192	96	73	116
Japan.....	80	36	42	42	1,024	406	434	342
Lebanon.....	4	4	4	6	17	74	70	120
Palestine.....	8	4	3	5	29	9	8	15
Syria.....	100	45	45	70	900	300	630	882
Turkey.....	169	73	73	116	1,576	476	443	844
Total.....	7,316	7,295	7,227	7,348	70,273	66,136	69,508	69,544
Africa:								
Algeria.....	76	60	50	46	380	200	143	204
Egypt.....	400	396	413	440	6,521	5,762	6,329	6,978
French Morocco.....	150	65	86	84	548	313	340	355
Spanish Morocco.....	10	19	25	24	64	205	220	230
Tunisia.....	71	74	65	60	538	220	160	220
Total.....	707	614	639	654	8,051	6,700	7,192	7,987
Total, specified countries.....	8,993	8,686	8,659	8,848	86,622	79,807	81,573	82,939

¹ Years shown refer to the year of harvest in the Northern Hemisphere and the period of harvest immediately following in the Southern Hemisphere.

² In a few instances where complete data are not available, the average may be for a period other than 1935-39.

³ Preliminary. ⁴ Bags of 100 pounds.

⁵ May include pulses or legumes other than broad beans.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, and other information.

TABLE 407.—*Broomcorn: Acreage, yield, production, season average price per ton received by farmers, and value, United States, 1929-48*

Year	Acreage harvested	Yield per acre		Production	Price	Farm value	Year	Acreage harvested	Yield per acre		Production	Price	Farm value
	1,000 acres	Pounds	Tons	Dollars		1,000 dollars		1,000 acres	Pounds	Tons	Dollars		1,000 dollars
1929	319	305.5	47,600				1939	229	265.0	30,280			
1929	310	304.5	47,300	114.52		5,417	1939	228	263.0	30,000	107.00		3,204
1930	302	260.8	51,100	66.26		3,386	1940	298	295.0	43,900	66.00		2,897
1931	314	313.7	49,300	44.81		2,209	1941	250	370.0	46,300	119.00		5,498
1932	313	261.8	40,900	37.04		1,515	1942	230	339.0	39,000	174.00		6,776
1933	277	216.5	30,000	102.00		3,060	1943	244	298.0	36,200	267.00		9,663
1934	305	188.9	28,700	164.43		4,719	1944	352	362.0	69,200	215.00		14,862
1935	501	247.1	61,800	73.75		4,558	1945	279	280.0	39,200	259.00		10,167
1936	309	231.4	35,800	116.03		4,154	1946	300	291.0	43,500	292.00		12,686
1937	282	298.2	42,100	70.14		2,953	1947	232.5	295.0	34,400	300.00		10,323
1938	267	280.3	37,500	62.13		2,330	1948 ¹	189.5	312.0	29,500	308.00		9,096

¹ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1919-28 in Agricultural Statistics, 1942, table 476.

TABLE 408.—*Broomcorn: Acreage, yield, production, and season average price per ton received by farmers, by States, average 1937-46, annual 1947 and 1948*

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	1,000 acres	1,000 acres	1,000 acres	Lb.	Lb.	Lb.	Tons	Tons	Tons	Dollars	Dollars	Dollars
Illinois	23	7.5	4.5	548	500	630	6,150	1,900	1,400	213	365	381
Kansas	18	10	9	262	300	360	2,400	1,500	1,600	154	303	323
Oklahoma	79	75	52	320	320	320	12,650	12,000	8,300	173	310	325
Texas	29	34	28	308	350	205	4,570	6,000	2,900	152	313	275
Colorado	74	69	59	255	270	325	10,190	9,300	9,600	149	280	300
New Mexico	53	37	37	249	200	310	6,730	3,700	5,700	142	263	293
United States	276	232.5	189.5	308	295	312	42,690	34,400	29,500	163	300	308

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 409.—*Cowpeas: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1929-48*

Year	Total planted acreage ¹	Acreage grown alone for all purposes	Acreage grazed, plowed under, etc. ²	Cowpeas for peas ³				
				Acreage harvested	Yield per acre	Production	Price	Farm value
				1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1929						3,274		
1929	1,814	1,214	275	586	5.9	3,455	2.63	9,078
1930	2,050	1,357	285	674	5.5	3,681	1.95	7,160
1931	3,094	2,095	384	1,139	6.5	7,385	.83	6,131
1932	4,309	3,023	668	1,190	5.4	6,430	.76	4,884
1933	3,603	2,487	526	1,086	5.8	6,332	1.33	8,442
1934		2,711				6,162		
1934	3,977	2,713	466	1,190	5.2	6,144	1.46	8,983
1935	3,543	2,342	511	1,057	5.6	5,933	1.51	8,963
1936	5,291	3,373	1,919	1,366	5.2	7,109	1.73	12,329
1937	5,836	3,648	2,125	1,472	5.3	7,814	1.43	11,161
1938	5,388	3,296	2,087	1,386	5.0	6,948	1.41	9,800
1939		2,809				5,959		
1939	5,318	3,168	2,074	1,381	4.6	6,332	1.40	8,856
1940	5,334	3,357	1,926	1,432	5.0	7,186	1.46	10,482
1941	5,388	3,770	2,018	1,483	5.4	8,074	1.88	15,191
1942	4,789	3,382	1,788	1,241	5.5	6,870	2.33	16,018
1943	3,376	2,223	1,309	852	5.2	4,393	3.37	14,793
1944		1,415				5,603		
1944	2,348	1,560	843	712	5.4	3,874	3.76	14,583
1945	2,179	1,477	816	648	5.8	3,790	3.97	15,040
1946	1,791	1,215	720	566	5.8	3,263	4.47	14,572
1947	1,648	1,138	611	587	5.9	3,466	4.96	17,186
1948 ³	1,581	1,115	651	531	6.4	3,416	4.35	14,846

¹ Acres grown alone, plus one-half the interplanted acres.² For the data on cowpea hay, see table 374.³ Preliminary.

Bureau of Agricultural Economics. Italic figures are census returns. Data for 1924-28 in Agricultural Statistics, 1942, table 467.

TABLE 410.—*Cowpeas: Production and farm disposition, United States 1939-48*

Crop of	Production	Used for seed		Fed to livestock	For farm household use	Sold
		Total ¹	On farms where grown			
1939	6,332	5,033	2,971	1,131	471	1,759
1940	7,186	5,142	3,303	1,413	459	2,011
1941	8,074	4,796	3,433	1,671	545	2,425
1942	6,870	3,451	2,703	1,527	521	2,119
1943	4,393	2,373	1,772	1,049	407	1,165
1944	3,874	1,803	1,296	776	328	1,474
1945	3,790	1,493	1,109	761	330	1,590
1946	3,263	1,350	993	637	318	1,315
1947	3,466	1,285	945	680	322	1,519
1948 ²	3,416	1,175	863	676	331	1,546

¹ Excludes seed used in minor States where production is not estimated. ² Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portion of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 411.—Cowpeas: Acreage, yield, production, and season average price per bushel received by farmers, by States, average 1937-46, annual 1947 and 1948

State	Total planted acreage ¹			Acreage grazed, plowed under, etc. ³			Cowpeas for peas ³											
							Acreage harvested			Yield per acre			Production			Price for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	
Indiana.....	19	3	3				7	2	2	6.2	7.0	5.5	43	14	11	1.95	3.55	2.60
Illinois.....	150	53	35	13	4	3	65	27	23	5.8	4.5	7.0	384	122	161	1.97	3.70	2.70
Missouri.....	65	28	28	13	6	7	10	7	7	7.0	7.0	8.0	70	49	56	2.09	3.62	3.20
Kansas.....	21	38	37	12	21	20	2	5	5	7.3	5.0	6.5	14	25	32	2.03	3.67	3.50
Maryland.....	7	3	3	2	2	2												
Virginia.....	60	18	19	16	7	8	12	5	4	6.3	7.0	7.0	72	35	28	2.57	5.06	4.60
North Carolina.....	302	98	91	124	47	46	65	22	22	4.8	5.0	6.0	310	110	132	2.84	5.21	5.00
South Carolina.....	738	352	278	192	102	91	184	93	67	4.1	4.5	5.0	746	418	335	3.18	6.36	5.90
Georgia.....	560	247	248	143	111	120	184	95	87	4.5	5.0	5.5	826	475	478	2.98	5.18	5.00
Florida.....	42	38	38	25	26	26	5	4	4	8.6	9.0	8.0	42	36	32	3.08	7.00	5.60
Kentucky.....	39	14	16	5	2	2	5	4	4	5.4	7.0	6.0	28	28	24	2.20	4.12	3.10
Tennessee.....	126	37	42	22	7	9	26	8	9	5.6	6.5	7.0	144	52	63	2.42	4.76	3.80
Alabama.....	308	108	125	69	20	27	124	60	62	5.4	6.0	7.0	664	360	434	2.38	4.27	3.90
Mississippi.....	369	120	125	143	32	49	112	65	51	5.8	6.5	7.5	640	422	382	2.61	4.97	4.30
Arkansas.....	404	120	108	196	55	42	76	30	37	5.4	5.0	6.5	410	150	240	2.36	4.42	4.00
Louisiana.....	191	72	79	106	34	37	50	26	29	4.4	5.0	5.0	212	130	145	2.48	4.77	4.40
Oklahoma.....	145	61	73	82	33	41	21	16	22	5.8	6.0	6.5	121	96	143	2.43	4.26	3.40
Texas.....	623	238	233	402	102	121	167	118	96	6.9	8.0	7.5	1,124	944	720	2.22	4.83	4.20
United States.....	4,175	1,648	1,581	1,571	611	651	1,117	587	531	5.3	5.9	6.4	5,854	3,466	3,416	2.55	4.94	4.35

¹ Acres grown alone, plus one-half the interplanted acres.

² Preliminary.

³ For data on cowpea hay, see table 374.

Bureau of Agricultural Economics.

TABLE 412.—Cowpeas: Production and farm disposition, by States, crops of 1947 and 1948

State	Crop of 1947						Crop of 1948 ¹					
	Pro- duction	Used for seed		Fed to live- stock	For farm house- hold use	Sold	Pro- duction	Used for seed		Fed to live- stock	For farm house- hold use	Sold
		Total	On farms where grown					Total	On farms where grown			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Indiana.....	14	3	2	2	-----	10	11	4	2	-----	7	-----
Illinois.....	122	42	37	3	-----	82	161	36	31	5	-----	125
Missouri.....	49	25	12	2	1	34	56	22	11	3	1	41
Kansas.....	25	26	5	2	1	17	32	20	4	3	1	24
Virginia.....	35	23	13	4	2	16	28	24	13	3	2	10
North Carolina.....	110	82	53	7	13	37	132	75	49	9	16	58
South Carolina.....	418	250	188	15	21	194	335	225	169	13	17	136
Georgia.....	475	223	167	28	33	247	478	217	163	29	33	253
Florida.....	36	34	11	5	9	11	32	34	12	5	8	7
Kentucky.....	28	19	10	3	1	14	24	17	8	2	1	13
Tennessee.....	52	38	23	3	5	21	63	38	23	4	6	30
Alabama.....	360	125	112	72	72	104	434	115	98	87	87	162
Mississippi.....	422	112	95	84	65	178	382	94	80	76	57	169
Arkansas.....	150	76	57	50	15	28	240	65	52	72	24	92
Louisiana.....	130	55	43	39	20	28	145	52	42	44	22	37
Oklahoma.....	96	36	24	21	4	47	143	38	27	31	6	79
Texas.....	944	116	93	340	60	451	720	99	79	288	50	303
United States..	3,466	1,285	945	680	322	1,519	3,416	1,175	863	676	331	1,546

¹ Preliminary.

Bureau of Agricultural Economics. Disposition of the crop specified and not disposition within the marketing year. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

TABLE 413.—Hemp fiber and hempseed: Acreage, yield, and production, United States, 1931-48

Year	Hemp fiber ¹			Hempseed ²			Year	Hemp fiber ¹			Hempseed ²		
	Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion		Acreage har- vested	Yield per acre	Pro- duc- tion	Acreage har- vested	Yield per acre	Pro- duc- tion
	Acres	Lb.	1,000 lb.	Acres	Lb.	1,000 lb.		Acres	Lb.	1,000 lb.	Acres	Lb.	1,000 lb.
1931.....	320	850	272	-----	-----	-----	1940.....	2,070	804	1,665	510	725	370
1932.....	200	800	160	-----	-----	-----	1941.....	7,400	1,001	7,410	2,200	310	682
1933.....	140	750	105	-----	-----	-----	1942.....	14,500	960	13,922	29,300	364	10,660
1934.....	500	850	425	-----	-----	-----	1943.....	146,200	962	140,680	40,500	346	14,015
1935.....	700	875	612	-----	-----	-----	1944.....	53,400	967	51,632	1,200	440	528
1936.....	1,400	725	1,015	-----	-----	-----	1945.....	6,900	980	6,762	800	350	280
1937.....	1,300	800	1,040	-----	-----	-----	1946.....	4,600	975	4,485	400	530	212
1938.....	1,390	896	1,246	40	540	22	1947.....	4,900	950	4,655	600	485	291
1939.....	1,440	890	1,282	210	330	69	1948 ³	2,800	990	2,772	400	440	176

¹ Wisconsin only, 1931-37 and 1945-48; Kentucky also, 1938-44; Illinois and Minnesota, 1942-44; Iowa, 1943 and 1944; Indiana, 1943.² Kentucky only, except Tennessee also in 1942 and 1943.³ Preliminary.

Bureau of Agricultural Economics.

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TABLE 414.—*Garbanzos: Acreage and production in specified countries, average 1935-39, annual 1946-48*¹

Continent and country	Acreage				Production			
	Average 1935-39 ²	1946	1947	1948 ³	Average 1935-39 ²	1946	1947	1948 ³
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴
North America:								
Mexico.....	207	353	368	371	1,090	2,455	2,623	2,315
United States.....	3	7	5	(?)	17	39	28	2
Total.....	210	360	373	371	1,116	2,494	2,651	2,317
Europe:								
Bulgaria.....	2	30	23	29	17	189	200	280
Greece.....	48	54	61	50	309	237	322	309
Italy.....	241	252	270	274	838	759	1,058	1,140
Portugal.....	83	109	102	100	270	390	276	260
Rumania.....	7	2	1	2	44	2	2	11
Spain.....	632	751	719	872	3,040	1,371	2,646	1,715
Total.....	1,013	1,198	1,176	1,327	4,518	2,948	4,504	3,715
Asia:								
Burma ⁶	275	187	264	265	1,770	670	1,325	1,300
India ⁷	13,314	16,971	18,498	19,055	69,168	80,618	96,544	90,000
Lebanon.....	4	5	5	5	33	53	55	29
Pakistan.....	1,633	2,947	2,863	2,581	7,258	14,022	14,067	13,283
Palestine.....	8	16	15	15	30	35	25	40
Syria.....	40	84	79	85	308	375	271	374
Turkey.....	174	231	175	225	1,227	1,493	1,594	1,925
Total.....	15,448	20,441	21,899	22,231	79,794	97,266	113,881	106,951
South America:								
Argentina.....	28	23	24	24	216	100	167	120
Chile.....	27	26	27	17	107	100	132	88
Total.....	55	49	51	41	323	200	299	208
Africa:								
Algeria.....	35	42	39	44	162	100	101	183
Egypt.....	8	15	18	18	131	185	238	290
French Morocco.....	98	53	64	105	336	175	295	556
Spanish Morocco.....	5	7	8	13	29	27	45	80
Tunisia.....	18	15	18	28	90	80	70	140
Total.....	164	132	147	208	748	567	749	1,249
Total, specified countries.....	18,890	22,180	23,646	24,178	86,499	103,475	122,084	114,440

¹ Years shown refer to the year of harvest in the Northern Hemisphere and the period of harvest immediately following in the Southern Hemisphere.

² In a few instances where complete data are not available, the average may be for a period other than 1935-39.

³ Preliminary.

⁴ Bags of 100 pounds.

⁵ Approximately 500 acres.

⁶ May include other pulses than garbanzos.

⁷ Totals for 1947 and 1948 include areas not previously reported.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research and other information.

TABLE 415.—Hops: Acreage, production, value, Sept. 1 stocks, foreign trade, and consumption, United States, 1929-48

Year	Acreage picked	Yield per acre	Production ¹	Season average price per pound received by farmers ²	Farm value	Stocks, Sept. 1	Foreign trade, year beginning September			Consumption by breweries, year beginning Sept. ⁴
							Imports ³	Domestic exports ³	Net exports ⁴	
	Acres	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1929	24,400	1,360	33,195	11.4	3,785	5,700	⁶ 944	6,725	5,817	2,627
1930	19,500	1,202	23,447	14.8	3,462	6,512	1,039	5,552	4,526	2,197
1931	21,400	1,234	26,410	13.8	3,642	2,328	1,294	3,801	2,507	1,841
1932	22,000	1,094	24,058	17.5	4,199	2,536	4,962	2,444	⁷ 2,518	7,767
1933	30,300	1,330	40,285	30.4	12,243	1,789	⁸ 5,761	7,700	1,939	28,836
1934	37,100	1,184	43,934	14.5	6,357	8,658	5,257	6,772	1,515	31,658
1935	39,100	1,188	46,433	9.8	4,010	16,061	⁹ 6,535	6,184	⁷ 351	34,516
1936	31,000	816	25,281	27.6	6,976	15,825	11,026	2,719	⁷ 8,307	36,608
1937	34,300	1,121	43,955	16.2	6,419	¹⁰ 29,294	9,189	5,784	⁷ 3,405	33,793
1938	31,500	1,280	35,288	19.7	6,346	¹⁰ 25,173	8,053	4,183	⁷ 3,070	32,485
1939	31,000	1,208	37,462	24.5	8,490	¹⁰ 27,069	6,814	7,991	1,177	31,670
1940	32,800	1,306	42,846	26.8	11,490	¹⁰ 22,124	3,736	10,030	6,294	31,831
1941	34,800	1,160	40,380	31.9	12,883	¹⁰ 23,193	154	9,459	9,305	34,806
1942	34,600	1,016	35,153	45.2	15,894	¹⁰ 18,893	111	8,673	8,562	34,024
1943	32,200	1,318	42,448	62.2	26,423	¹⁰ 10,735	73	6,338	6,265	36,983
1944	37,000	1,293	47,840	65.3	31,235	¹⁰ 10,211	13	8,686	8,673	37,240
1945	40,700	1,395	56,772	64.9	36,841	¹⁰ 10,389	3,859	14,290	10,431	36,834
1946	40,700	1,306	53,171	62.7	33,361	¹⁰ 16,266	4,126	12,261	8,134	42,239
1947	39,700	1,262	50,098	68.4	34,243 ¹¹	¹⁰ 23,770	5,617	11,081	5,464	41,056
1948 ¹¹	39,800	1,252	49,819	54.8	27,276	¹⁰ 28,250				

¹ Includes the following quantities not marketed because of economic conditions and the marketing agreement allotments (1,000 pounds): 1935, 5,436; 1937, 4,365; 1938, 3,140; 1939, 2,813. Price and value apply only to the part of the crop which was sold.

² Prior to 1932 prices are as of Dec. 1.

³ Compiled from Monthly Summary of Foreign Commerce of the United States, and official records of the Department of Commerce.

⁴ Total exports (domestic plus foreign) minus total imports; beginning 1933 domestic exports minus imports for consumption.

⁵ 1929 to 1931 represent hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume; 1932 includes 867,057 pounds of hops used to make cereal beverages containing less than 0.5 percent of alcohol by volume and 6,900,263 pounds fermented malt liquor containing not more than 3.2 percent of alcohol by weight; 1933 to date, used for fermented liquor. Annual reports of the Commissioner of Prohibition, 1929; Commissioner of Industrial Alcohol, 1930 to 1932, and records of the Bureau of Internal Revenue 1933 to date.

⁶ Includes hop extract and lupulin 1930-35. ⁷ Net imports.

⁸ Beginning 1933 imports for consumption.

⁹ Hops, only, beginning January 1936.

¹⁰ Prior to 1937, the Sept. 1 stocks included only those in growers' hands; from 1937 to date, stocks in dealers' hands and in brewers' hands are also included and these have greatly exceeded the growers' stocks. On Sept. 1, 1943-45, no stocks were reported in hands of growers.

¹¹ Preliminary.

Bureau of Agricultural Economics. Data for 1910-28 in Agricultural Statistics, 1942, table 479.

TABLE 416.—Hops: Acreage, yield, production, and season average price per pound received by farmers, by States, average 1937-46, annual 1947 and 1948

State	Acreage picked			Yield per acre			Production ²			Price for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
Washington	7,670	11,700	12,900	1,831	1,740	1,760	13,929	20,358	22,704	43	73	58
Oregon	19,540	19,000	17,700	915	850	890	17,947	16,150	15,753	42	67	47
California	7,750	9,000	9,200	1,498	1,510	1,235	11,656	13,590	11,362	41	63	59
United States	34,960	39,700	39,800	1,240	1,262	1,252	43,532	50,098	49,819	41.9	68.4	54.8

¹ Preliminary.

² For some States in certain years, production includes some quantities not marketed because of economic conditions and the marketing agreement allotments.

Bureau of Agricultural Economics.

TABLE 417.—*Lentils: Acreage and production in specified countries, average 1935–39, annual 1946–48*¹

Continent and country	Acreage				Production			
	Average 1935–39 ²	1946	1947	1948 ³	Average 1935–39 ²	1946	1947	1948 ³
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴	1,000 bags ⁴
America:								
Argentina.....	34	79	87	74	265	617	262	550
Chile.....	111	62	70	68	585	449	454	340
Mexico.....	5	7	7	7	22	35	44	44
Total.....	150	148	164	149	872	1,101	760	934
Europe:								
Bulgaria.....	13	27	19	20	141	97	75	110
Czechoslovakia.....	14	3	2	2	88	15	11	18
France.....	24	35	47	63	207	198	265	379
Greece.....	25	30	30	27	116	117	112	126
Hungary.....	38	7	9	9	210	36	50	65
Italy.....	51	57	62	62	268	220	265	265
Rumania.....	45	16	4	9	269	21	15	49
Spain.....	55	93	124	128	293	543	740	441
Total.....	265	268	297	320	1,592	1,247	1,533	1,453
Asia:								
Iraq.....	30	14	10	10	185	85	44	51
Lebanon.....	5	6	6	6	50	60	44	47
Syria.....	66	105	122	106	779	429	865	430
Turkey.....	76	102	109	100	502	622	611	884
Total.....	177	227	247	222	1,516	1,196	1,564	1,412
Africa:								
Algeria.....	5	21	28	41	22	119	143	258
Egypt.....	82	76	75	73	1,211	1,005	1,083	1,037
French Morocco.....	34	27	27	28	92	135	112	106
Spanish Morocco.....	1	2	2	2	6	10	10	10
Total.....	122	126	132	144	1,331	1,269	1,348	1,411
Total, specified countries.....	714	769	840	835	5,311	4,813	5,205	5,210

¹ Years shown refer to the year of harvest in the Northern Hemisphere and period of harvest immediately following in the Southern Hemisphere.

² In a few instances where complete data are not available, the average may be for a period other than 1935–39.

³ Preliminary.

⁴ Bags of 100 pounds.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research and other information.

TABLE 418.—*Mung beans: Acreage, production, season average price per pound received by farmers, and value, Oklahoma, 1942-48*

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price	Farm value
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars
1942.....	15	10	540	5,400	4.5	243
1943.....	45	35	180	6,300	8.0	504
1944.....	75	55	200	11,000	14.5	1,595
1945.....	169	110	220	24,200	10.0	2,420
1946.....	110	70	210	14,700	8.0	1,176
1947.....	65	42	240	10,080	8.0	806
1948 ¹	70	55	280	15,400	5.4	832

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 419.—*Peppermint and spearmint for oil: Acreage, yield, production, season average price per pound of oil received by farmers, and value, 6 States, 1935-48*

Year	Peppermint ¹					Spearmint ²				
	Acreage for harvest	Yield of oil per acre	Production of oil	Price per pound	Farm ³ value ³	Acreage for harvest	Yield of oil per acre	Production of oil	Price per pound	Farm ³ value ³
	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars	Acres	Pounds	1,000 pounds	Dollars	1,000 dollars
1935.....	40,220	31.5	1,265	1.74	2,197	3,540	29.1	103	1.30	134
1936.....	37,960	26.1	991	1.99	1,909	3,430	22.2	76	1.61	122
1937.....	33,050	27.4	905	2.05	1,854	4,250	25.3	107	1.60	171
1938.....	31,160	31.3	974	2.06	2,004	3,680	24.5	90	1.52	137
1939.....	31,350	28.6	896	2.00	1,794	4,140	27.3	113	1.53	173
1940.....	31,860	30.6	974	2.22	2,159	5,640	29.8	168	1.76	296
1941.....	32,490	29.5	958	3.44	3,298	6,750	35.4	239	2.22	531
1942.....	42,095	34.1	1,435	4.85	6,955	8,065	43.3	349	2.88	1,005
1943.....	37,010	22.3	826	5.93	4,898	7,730	30.9	239	3.64	871
1944.....	41,580	28.7	1,195	6.85	8,188	7,300	29.7	217	3.50	759
1945.....	46,290	30.5	1,410	5.87	8,274	9,000	32.8	295	3.50	1,033
1946.....	45,800	29.1	1,334	6.36	8,486	10,000	30.7	307	5.61	1,722
1947.....	47,400	33.8	1,603	6.94	11,129	14,300	33.6	481	5.57	2,678
1948 ⁴	38,700	38.4	1,486	6.27	9,314	19,200	36.6	702	4.63	3,251

¹ Peppermint: Indiana, Michigan, Ohio, California, Oregon, Washington, 1935-45; Ohio and California estimates discontinued in 1946.² Spearmint: Indiana, Michigan, and California, 1935-43; California estimates discontinued in 1944.³ Value is for the marketing season and should not be confused with calendar-year income.⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1929-34 in Agricultural Statistics, 1948, table 412.

TABLE 420.—*Peppermint and spearmint for oil, commercial crop: Acreage, production, and season average price per pound of oil received by farmers, by States, average 1937-46, annual 1947 and 1948*

PEPPERMINT AND SPEARMINT COMBINED

State	Acreage for harvest			Production of oil			Price per pound for crop of—		
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Indiana.....	17,540	23,300	27,300	482	897	942	3.79	6.50	5.82
Michigan.....	18,660	18,000	14,200	494	428	460	3.95	6.35	5.58
Ohio.....	220	(²)	(²)	6	-----	-----	3.92	-----	-----
California.....	770	(²)	(²)	29	-----	-----	3.94	-----	-----
Oregon.....	4,310	11,000	11,600	183	550	522	4.22	7.00	5.70
Washington.....	2,420	4,400	4,800	108	209	264	3.79	6.75	5.85
Total, 6 States.....	43,920	61,700	57,900	1,303	2,084	2,188	3.92	6.63	5.74

PEPPERMINT

Indiana.....	13,170	18,500	14,300	343	574	500	4.22	7.00	6.85
Michigan.....	16,510	13,500	8,000	426	270	200	4.20	6.85	6.85
Ohio.....	220	(²)	(²)	6	-----	-----	3.92	-----	-----
California.....	640	(²)	(²)	23	-----	-----	4.09	-----	-----
Oregon.....	4,310	11,000	11,600	183	550	522	4.22	7.00	5.70
Washington.....	2,420	4,400	4,800	108	209	264	3.79	6.75	5.85
Total, 6 States.....	37,270	47,400	38,700	1,091	1,603	1,486	4.16	6.94	6.27

SPEARMINT

Indiana.....	4,370	9,800	13,000	139	323	442	2.77	5.60	4.65
Michigan.....	2,150	4,500	6,200	68	158	260	2.76	5.50	4.60
California.....	130	(²)	(²)	6	-----	-----	2.31	-----	-----
Total, 3 States.....	6,650	14,300	19,200	212	481	702	2.78	5.57	4.63

¹ Preliminary.² Estimates discontinued.

Bureau of Agricultural Economics.

TABLE 421.—Popcorn: Acreage, yield, production, season average price per 100 pounds received by farmers, and value, United States, 1929-48¹

Year	Acreage harvested		Yield per acre ²		Production ²		Price per 100 pounds of ear corn		Farm value
	Acres	Acres	Pounds	Pounds	1,000 pounds	Dollars	Dollars	1,000 dollars	
1929.....	40,800		1,315		53,633	2.74		1,467	
1930.....	56,200		1,189		66,832	2.63		1,755	
1931.....	34,400		1,084		37,292	1.94		723	
1932.....	34,600		1,234		42,706	1.24		528	
1933.....	13,100		1,178		15,435	1.19		183	
1934.....	13,400		391		5,246	4.98		261	
1935.....	83,600		949		79,312	2.29		1,817	
1936.....	57,890		976		56,508	2.76		1,559	
1937.....	86,100		1,205		103,782	1.69		1,754	
1938.....	61,850		1,526		94,370	1.58		1,488	
1939.....	64,500		1,555		100,294	1.41		1,412	
1940.....	56,500		1,384		78,195	1.57		1,226	
1941.....	96,500		1,299		125,340	1.91		2,390	
1942.....	100,200		1,637		164,018	2.68		4,390	
1943.....	89,700		1,410		126,485	4.72		5,486	
1944.....	174,800		1,343		234,747	3.77		8,854	
1945.....	311,900		1,372		427,780	3.69		15,779	
1946.....	154,600		1,637		253,092	3.51		8,884	
1947.....	82,500		1,240		102,325	4.72		4,825	
1948 ³	149,100		1,966		293,160	4.22		12,386	

¹ In principal commercial producing States, totaling 12 in recent years. Information prior to 1935 available for Iowa, Nebraska, and Kansas only.

² Of ear corn; a bushel is 70 pounds.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 422.—Popcorn: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, average 1937-46, annual 1947 and 1948¹

State	Acreage harvested			Yield per acre ³			Production ³			Price ³ for crop of—		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
	Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 pounds	1,000 pounds	1,000 pounds	Dollars per 100 pounds	Dollars per 100 pounds	Dollars per 100 pounds
Ohio.....	11,420	5,000	15,000	1,722	1,600	2,700	20,329	8,000	40,500	2.72	4.15	4.50
Indiana.....	12,990	7,300	13,100	1,740	1,500	2,500	23,062	10,950	32,750	2.78	5.20	4.40
Illinois.....	12,610	20,400	28,600	1,578	1,400	2,200	20,036	28,560	62,920	2.86	5.00	3.00
Michigan.....	2,790	500	2,800	1,301	1,000	2,500	3,633	500	7,000	3.00	4.00	4.75
Iowa.....	38,130	16,000	25,000	1,499	960	2,500	55,754	14,400	62,500	2.38	5.00	5.20
Missouri.....	8,070	10,000	11,000	1,412	1,100	2,100	12,083	11,000	23,100	2.59	4.50	5.40
Nebraska.....	7,250	4,000	5,000	1,116	1,200	1,800	9,398	4,800	9,000	2.94	4.35	4.40
Kansas.....	3,990	2,800	2,600	1,068	960	1,650	4,438	2,660	4,290	2.95	4.30	4.50
Kentucky.....	5,040	6,500	15,500	1,087	1,470	1,610	6,149	9,555	24,955	2.96	5.20	3.25
Oklahoma.....	13,500	5,000	24,000	1,118	1,000	780	11,938	5,000	18,720	4 2.97	3.10	3.75
Texas.....	7,155	4,000	5,600	1,003	1,300	1,150	7,038	5,200	6,325	2.26	3.25	3.75
California.....	2,120	2,000	1,000	840	850	1,100	1,788	1,700	1,100	5 5.27	6 6.90	6 6.00
United States.....	119,665	82,500	149,100	1,437	1,240	1,966	170,810	102,325	293,160	2.61	4.72	4.22

¹ In principal commercial producing States.

² Preliminary.

³ Of ear corn; a bushel is 70 pounds.

⁴ Short-time average.

⁵ Equivalent price per 100 lb. of ear corn. Bulk of crop is sold by growers after shelling and cleaning.

Bureau of Agricultural Economics.

TABLE 423.—*Velvetbeans: Acreage, yield, production, Dec. 1 price per ton received by farmers, and value, United States, 1929-48*¹

Year	Total acreage	Yield per acre	Production	Price	Farm value
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1929.....	1,421	881.1	626	13.98	8,749
1930.....	1,372	800.3	549	13.80	7,575
1931.....	1,252	718.8	450	9.85	4,434
1932.....	1,687	832.2	702	4.79	3,362
1933.....	1,794	819.4	735	8.70	6,393
1934.....	2,075	796.1	826	12.66	10,461
1935.....	2,125	893.2	949	11.15	10,577
1936.....	2,170	803.7	872	13.35	11,637
1937.....	2,025	883.0	894	11.83	10,575
1938.....	2,199	813.1	894	12.28	10,982
1939.....	2,400	700.0	840	12.80	10,785
1940.....	2,454	796.0	977	13.20	12,862
1941.....	2,165	858.0	929	15.30	14,248
1942.....	1,884	796.0	750	18.40	13,784
1943.....	1,948	796.0	775	24.30	18,821
1944.....	1,446	842.0	609	28.10	17,143
1945.....	1,256	836.0	525	29.30	15,376
1946.....	1,075	806.0	433	34.20	14,827
1947.....	1,036	786.0	407	33.50	13,620
1948 ²	821	853.0	350	33.20	11,636

¹ Refers to the yield and entire production of velvetbeans in the hull, whether grazed or harvested otherwise.

² Preliminary.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1942, table 472.

TABLE 424.—*Velvetbeans: Acreage, yield, production, and Dec. 1 price per ton received by farmers, by States, average 1937-46, annual 1947 and 1948*¹

State	Total acreage			Yield per acre			Production			December 1 price		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
South Carolina.....	77	45	40	1,103	1,060	1,150	42	24	23	22.80	40.00	36.00
Georgia.....	1,075	639	511	843	850	890	451	272	227	19.40	32.00	32.00
Florida.....	198	175	149	542	500	600	54	44	45	17.70	32.00	32.00
Alabama.....	391	125	90	814	775	950	166	48	43	20.60	39.00	39.00
Mississippi.....	77	25	15	938	860	925	36	11	7	22.40	36.00	36.00
Louisiana.....	67	27	16	702	575	650	24	8	5	22.80	35.00	35.00
United States.....	1,885	1,036	821	813	786	853	763	407	350	20.00	33.50	33.20

¹ Refers to the yield and entire production of velvetbeans in the hull, whether grazed or harvested otherwise.

² Preliminary.

Bureau of Agricultural Economics.

CHAPTER VI

STATISTICS OF BEEF CATTLE, HOGS, SHEEP, HORSES, AND MULES

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The term "on farms" as used in this chapter includes ranches.

Inventory numbers in years when the census relates to a different date than January 1 were adjusted to a January 1 equivalent number. This adjustment takes into account the disappearance of numbers between January 1 and the date of the enumeration. (For differences between Department estimates and census figures, see Chapter VI, Agricultural Statistics, 1947.)

Two new tables have been added to this chapter, one on hog slaughter in the principal countries of the world, and one on hog slaughter by classes in the United States. The table on hog-corn ratios has been transferred to this chapter from the earlier part of the book.

TABLE 425.—All cattle and cattle other than milk cows: Number and value on farms, Jan. 1, and calf crop, United States, 1930-49

Year	All cattle			Cattle other than milk cows ¹			Calf crop ²
	Number	Farm value		Number	Farm value		
		Per head	Total		Per head	Total	
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>
1930 ³	<i>54,250</i>						
1930	61,003	56.36	3,438,056	37,971	40.38	1,533,262	25,087
1931	63,030	38.99	2,457,499	39,210	28.03	1,098,970	26,056
1932	65,801	26.39	1,736,706	40,905	18.41	753,035	27,568
1933	70,280	19.74	1,387,195	44,344	14.21	630,349	28,935
1934	74,369	17.78	1,321,980	47,438	12.54	594,941	30,240
1935 ³	<i>68,284</i>						
1935	68,846	20.20	1,390,978	42,764	14.12	604,007	27,473
1936	67,847	34.06	2,310,539	42,651	25.04	1,067,786	28,201
1937	66,098	34.06	2,251,405	41,449	24.32	1,007,857	28,033
1938	65,249	36.58	2,386,979	40,783	25.82	1,053,149	27,787
1939	66,029	38.44	2,538,408	41,429	28.18	1,167,434	28,879
1940 ³	<i>60,676</i>						
1940	68,309	40.60	2,770,296	43,369	30.90	1,342,057	29,886
1941	71,755	43.20	3,102,659	46,302	33.50	1,552,201	31,868
1942	76,025	55.00	4,179,753	49,712	42.90	2,130,404	34,388
1943	81,204	69.30	5,625,253	54,066	54.10	2,924,159	34,797
1944	85,334	68.40	5,836,605	57,630	52.20	3,006,801	37,040
1945 ³	<i>82,654</i>						
1945	85,573	66.90	5,721,771	57,803	51.20	2,961,066	35,176
1946	82,434	76.20	6,279,500	55,739	58.90	3,285,063	34,550
1947	81,207	97.40	7,907,198	55,109	74.80	4,120,118	35,234
1948	78,126	116.00	9,094,334	53,087	94.00	4,991,366	43,808
1949 ⁴	78,495	135.00	10,587,060	54,045	108.50	5,863,950	

¹ Obtained by subtracting the estimates of milk cows and heifers 2 years old and over on farms, shown in table 428, from the estimates of all cattle on farms, shown in this table.

² Calves born during year.

³ Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; and Jan. 1, 1945. 1930 and 1940 exclude spring-born calves.

⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 484.

TABLE 426.—All cattle and calves, including cows and heifers kept for milk: Number on farms and value, by States, Jan. 1, average 1938-47, annual 1948 and 1949

State and division	Number			Farm value					
	Average 1938-47	1948	1949 ¹	Value per head			Total value		
				Average 1938-47	1948	1949 ¹	Average 1938-47	1948	1949 ¹
	Thous- ands	Thous- ands	Thous- ands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	228	218	216	66.40	114.00	129.00	15,078	24,852	27,864
New Hampshire.....	124	120	119	82.60	138.00	163.00	10,256	16,560	19,397
Vermont.....	445	429	433	81.40	144.00	175.00	36,360	61,776	75,775
Massachusetts.....	196	182	182	110.00	184.00	213.00	21,577	33,488	38,766
Rhode Island.....	29	28	28	120.00	199.00	227.00	3,468	5,672	6,366
Connecticut.....	178	171	171	114.00	184.00	208.00	20,441	31,464	35,568
New York.....	2,138	2,139	2,182	98.80	177.00	207.00	210,122	378,603	451,674
New Jersey.....	209	220	222	142.00	232.00	290.00	29,835	51,040	64,380
Pennsylvania.....	1,581	1,721	1,755	88.30	156.00	177.00	142,149	268,476	310,635
North Atlantic.....	5,107	5,228	5,308	95.00	167.00	194.00	489,286	871,831	1,030,415
Ohio.....	2,117	2,150	2,128	67.60	126.00	146.00	144,747	270,900	310,688
Indiana.....	1,776	1,761	1,743	66.80	127.00	145.00	120,675	223,647	252,735
Illinois.....	3,071	3,039	3,069	68.90	132.00	152.00	215,840	401,148	466,488
Michigan.....	1,853	1,840	1,858	71.70	139.00	164.00	135,124	255,760	304,712
Wisconsin.....	3,729	3,804	3,766	87.90	162.00	187.00	334,106	616,248	704,242
East North Central.....	12,546	12,594	12,564	74.50	140.000	162.00	950,492	1,767,703	2,038,865
Minnesota.....	3,590	3,244	3,244	65.70	135.00	157.00	238,247	437,940	509,308
Iowa.....	5,133	4,722	4,769	63.20	127.00	141.00	329,766	599,694	672,429
Missouri.....	2,963	2,959	2,959	56.60	110.00	128.00	172,030	325,490	378,752
North Dakota.....	1,872	1,590	1,590	58.40	126.00	143.00	95,677	200,340	227,370
South Dakota.....	2,075	2,506	2,556	58.80	120.00	139.00	129,182	300,720	355,284
Nebraska.....	3,463	3,797	3,911	57.00	120.00	135.00	205,292	455,640	527,985
Kansas.....	3,443	3,325	3,591	54.10	114.00	127.00	193,696	379,050	456,057
West North Central.....	22,240	22,143	22,620	59.60	122.00	138.00	1,363,890	2,698,874	3,127,185
North Central.....	34,786	34,737	35,184	64.80	129.00	147.00	2,314,383	4,466,577	5,166,050
Delaware.....	57	61	60	81.00	137.00	153.00	4,696	8,357	9,180
Maryland.....	362	416	428	77.80	139.00	160.00	28,976	57,824	68,480
Virginia.....	978	1,044	1,065	58.80	108.00	131.00	58,951	112,752	139,515
West Virginia.....	583	543	532	54.30	102.00	129.00	31,726	55,386	68,628
North Carolina.....	661	677	657	49.40	85.90	104.00	33,413	58,154	68,328
South Carolina.....	361	376	357	44.60	75.40	90.60	16,481	28,350	32,344
Georgia.....	1,044	1,145	1,099	35.70	63.90	80.60	38,455	73,166	88,579
Florida.....	1,011	1,265	1,265	33.90	58.70	74.20	36,243	74,256	93,863
South Atlantic.....	5,057	5,527	5,463	47.90	84.70	104.00	248,942	468,245	568,917
Kentucky.....	1,364	1,592	1,592	51.80	101.00	119.00	72,735	160,792	189,448
Tennessee.....	1,331	1,408	1,366	46.70	90.30	107.00	63,918	127,142	146,162
Alabama.....	1,152	1,235	1,198	35.90	66.90	82.50	43,048	82,622	96,835
Mississippi.....	1,464	1,553	1,522	33.50	63.80	80.90	50,616	99,081	123,130
Arkansas.....	1,208	1,057	1,089	36.50	75.80	94.80	44,823	80,121	103,237
Louisiana.....	1,344	1,332	1,332	34.80	68.50	84.30	48,465	91,242	112,288
Oklahoma.....	2,714	2,506	2,481	44.10	94.50	114.00	122,891	236,817	282,834
Texas.....	8,138	8,578	8,235	43.20	88.80	103.00	363,121	761,726	848,205
South Central.....	18,714	19,261	18,815	42.00	95.10	101.00	809,617	1,639,543	1,904,139
Montana.....	1,495	1,847	1,995	62.90	130.00	141.00	100,758	240,110	281,295
Idaho.....	853	930	976	58.60	129.00	137.00	51,546	119,970	133,712
Wyoming.....	931	1,053	1,011	58.50	117.00	131.00	56,171	123,201	132,441
Colorado.....	1,636	1,800	1,854	55.90	118.00	134.00	94,331	212,400	248,436
New Mexico.....	1,289	1,144	1,167	48.70	103.00	127.00	62,814	117,832	148,209
Arizona.....	922	875	866	51.90	105.00	118.00	48,167	91,875	102,188
Utah.....	499	544	571	58.10	125.00	138.00	30,022	68,000	78,798
Nevada.....	434	530	546	57.90	126.00	136.00	26,038	66,780	74,256
Washington.....	879	851	885	62.10	130.00	150.00	55,436	110,630	132,750
Oregon.....	1,045	1,035	1,118	56.20	120.00	137.00	59,932	124,200	163,166
California.....	2,662	2,764	2,736	68.40	135.00	158.00	187,420	373,140	432,288
Western.....	12,648	13,373	13,725	59.40	123.00	140.00	772,615	1,648,138	1,917,539
United States.....	76,312	78,126	78,495	59.20	116.00	135.00	4,634,842	9,094,334	10,587,060

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 427.—Cattle: Number in specified countries, average 1936-40, annual 1944-48

Continent and country	Month of estimate ¹	Average 1936-40	1944	1945	1946	1947	1948 ²
		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
North America:							
Canada	Dec. 1 ¹	8,246	9,506	10,258	9,961	9,016	8,944
Costa Rica		366	437	464			550
El Salvador	July	680	779	650	650	686	
Guatemala	July	520	657				1,901
Honduras	July	524	702		849	918	
Mexico	Dec. 1 ¹	³ 11,716	12,009	12,139	12,214	12,420	13,514
Nicaragua		² 800					1,200
United States	Jan. 1	66,706	85,334	85,573	82,434	81,207	78,126
Cuba	Dec. 31 ¹	5,024	4,500	4,236	⁵ 4,136		4,000
Dominican Republic	June	³ 885			597		1,500
Estimated total		106,700	117,100	118,100	114,800	113,000	111,000
Europe:							
Albania ⁶		¹ 413			371		
Austria	Dec. 1 ¹	³ 2,600	2,530	2,536	7,2187	7,206	7,2158
Belgium	Jan. 1	¹ 1,724	1,392	1,440	1,539	1,652	1,588
Bulgaria ^{6 8}	Dec. 31 ¹	³ 1,822	2,050	1,950	1,900	2,005	
Czechoslovakia ^{6 8}	Jan. 1	³ 4,475	4,358	4,239	4,143	3,975	3,275
Denmark	Dec. 31 ¹	3,108	2,933	3,036	¹⁰ 3,094	¹⁰ 3,004	¹⁰ 2,668
Eire	June	4,021	4,246	4,211	4,146	3,950	3,921
Finland	Mar. 1	¹¹ 1,850	1,867	1,694	1,673	1,566	1,452
France	Fall ¹	15,504	¹² 14,997	¹² 13,960	¹² 14,273	15,100	15,125
Germany ¹³	Dec. 1 ¹	³ 16,050	15,700		13,693	14,020	13,250
Greece ⁶	Dec. 31 ¹	¹⁴ 1,278			708	788	752
Hungary ⁶	Spring	1,905	2,167	⁷ 1,070	⁷ 1,104	1,441	
Italy	July	¹⁵ 7,571		6,550	6,900		
Luxembourg	Dec. 1 ¹	³ 108	129	105	111	117	114
Netherlands	May	2,693	2,190	2,277	2,410	2,367	2,313
Norway	June 20	1,390	1,255	1,220	1,267	1,225	1,175
Poland ¹⁶	June 30	¹⁴ 9,924			6,600		
Portugal	Dec. 31 ¹	¹⁷ 905	1,020	1,000	950		
Rumania ^{6 16}	Dec. 31 ¹	¹⁸ 3,709		3,100	3,328	3,114	
Spain	Dec. 31 ¹	¹⁴ 3,739	4,173	4,100	3,808		4,000
Sweden	Summer	2,959	2,859	2,843	2,870	2,797	2,622
Switzerland	April	1,663	1,497	1,461	1,472	1,451	1,424
United Kingdom	June	8,798	9,501	9,616	9,629	9,567	9,805
Yugoslavia ⁶	Dec. 31 ¹	4,181					
Estimated total		102,400	94,800	91,800	91,500	93,800	93,300
U. S. S. R. ¹⁶	Jan. 1	¹⁴ 69,800			47,000	46,800	
Asia:							
Iran	March	³ 2,797			2,500	2,500	2,500
Iraq ^{6 19}	Spring	³ 374	466				
Palestine	Spring	¹⁴ 169					
Turkey ⁶	Dec. 31 ¹	8,611	10,079	10,406	10,658	10,607	
Burma ⁶	Dec. 31 ¹	6,165	4,298			4,627	4,796
Ceylon ⁶	Dec. 31 ¹	1,618			1,812	1,661	1,740
China ²⁰	May	24,000	22,500	22,000	22,500	22,800	
India ⁶	Dec. 31 ¹	206,686		205,000			
Japan	Dec. 31 ¹	⁷ 1,803	2,419		2,318	1,990	
Formosa ⁶	Dec. 31 ¹	354	325	310	300		
Korea	Dec. 31 ¹	³ 1,698	1,790		1,180	1,150	
Netherlands Indies ⁶	Dec. 31 ¹	7,609				6,290	
Philippine Islands ⁶	Jan. 1	²¹ 4,268					
Siam ⁶	March 31	11,303	7,000				
Estimated total ²²		286,500	280,300	274,000	275,700	280,000	282,500
South America:							
Argentina	July	³ 33,762				²³ 41,268	
Bolivia	Dec. 31 ¹	³ 1,921				3,039	3,191
Brazil	Sept.	³ 40,807	42,700	44,613	46,358	46,000	46,000
Chile	June	2,489	2,311	2,348	2,397	2,338	2,310
Colombia	Dec. 31 ¹	³ 8,010	11,456	12,334	13,000	13,797	13,902
Ecuador		³ 1,300	1,200	1,150			
Paraguay	Dec. 31 ¹	³ 3,259	3,500			4,100	
Uruguay	May	14,297	16,256		6,834	7,000	7,200
Estimated total		105,600	116,700	120,600	123,900	125,600	125,900

See footnotes at end of table.

TABLE 427.—Cattle: Number in specified countries, average 1936-40, annual 1944-48—Continued

Continent and country	Month of estimate ¹	Average 1936-40	1944	1945	1946	1947	1948 ²
		Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Africa:							
Algeria.....	Nov. 1 ¹	841	893				1,000
Anglo-Egyptian Sudan.....		2,700				3,195	
Kenya.....		5,239		4,297	4,531		4,500
Tanganyika.....	Dec. 31 ¹	5,000	5,944	5,745	6,082	6,420	6,290
Uganda.....	Mar. 31	2,465	2,259	2,294		2,454	
Egypt ³	March	2,021	2,200	2,329			
French Morocco ¹⁹	Dec. 31 ¹	1,973	2,749	2,679	2,102		1,800
Madagascar ¹⁹	Dec. 31 ¹	5,172	5,957	5,913	5,941	5,806	5,737
Mozambique.....	Dec. 31 ¹	548	556	574	585	587	631
Northern Rhodesia.....	Dec. 31 ¹	618	655	688	697	699	770
Angola.....		2,276		2,687			
Southern Rhodesia.....	Dec. 31 ¹	2,340	2,743	2,872	2,913	2,905	2,748
Spanish Morocco.....		259	324	290	223	250	300
Tunisia.....	Dec. 31 ¹	494	529	501	500	401	
Union of South Africa.....	August	11,636	13,100	12,900	12,593	12,113	
Estimated total.....		64,300	70,500	70,800	70,900	70,000	69,800
Oceania:							
Australia.....	Mar. 1	13,285	14,184	14,133	13,878	13,427	13,785
New Zealand.....	Jan. 31	4,449	4,439	4,591	4,667	4,634	4,716
Estimated total.....		18,100	19,000	19,100	19,000	18,500	18,900
Estimated world total.....		733,400	738,900	737,700	742,800	747,700	751,400

¹ End of year estimates (October to December) included under following year, for comparisons and totals. Thus for Canada the December 1, 1943 estimate of 9,506,000 shown is under 1944.

² Preliminary.

³ Average for 2 to 4 years only.

⁴ June.

⁵ Census, July 1, 1946.

⁶ Data include buffaloes.

⁷ Official statistics; may be an underestimate of actual numbers.

⁸ Includes Southern Dobrudja, beginning 1944; years 1944-46 have been adjusted to make a comparable series.

⁹ Present territory; excludes Sub-Carpathian Russia.

¹⁰ Includes also number of cattle in parishes and boroughs, which totaled 53,000 head in 1946 and 50,000 head in 1947.

¹¹ September.

¹² Official statistics, plus an allowance for Alsace-Lorraine.

¹³ Totals for 4 zones of occupation.

¹⁴ Census or estimate for single year.

¹⁵ March.

¹⁶ Present territory.

¹⁷ Census, Dec. 31, 1934.

¹⁸ Average for years 1930-39.

¹⁹ Data include only number taxed.

²⁰ Includes China Proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan).

²¹ Census, Jan. 1, 1939.

²² Includes estimates for Outer Mongolia.

²³ Census May 10-12, 1947.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, U. S. Foreign Service reports, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 428.—Cattle, by classes: Number on farms, United States, Jan. 1, 1930-49

Year	Kept for milk				Other cattle					
	Cows and heifers, 2 years old and over	Heifers, 1 to 2 years old	Heifer calves	Total	Cows and heifers, 2 years old and over	Heifers, 1 to 2 years old	Calves	Steers	Bulls	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1930	23,032	4,851	5,199	33,082	9,162	2,799	8,885	5,608	1,467	27,921
1931	23,820	4,962	5,189	33,971	9,809	3,015	8,915	5,798	1,522	29,059
1932	24,896	5,020	5,449	35,365	10,439	3,113	9,744	5,560	1,580	30,436
1933	25,936	5,250	5,674	36,860	11,346	3,414	11,241	5,765	1,654	33,420
1934	26,931	5,382	5,675	37,988	12,678	3,656	12,226	6,069	1,752	36,381
1935	26,082	4,995	5,280	36,357	11,151	3,362	10,980	5,323	1,673	32,489
1936	25,196	4,772	5,484	35,452	11,048	3,493	10,574	5,637	1,643	32,395
1937	24,649	4,899	5,305	34,853	10,682	3,229	10,395	5,325	1,614	31,245
1938	24,466	4,808	5,500	34,774	10,132	3,136	10,053	5,555	1,599	30,475
1939	24,600	5,122	5,904	35,626	9,987	3,058	10,572	5,192	1,594	30,403
1940	24,940	5,525	5,967	36,432	10,676	3,357	10,936	5,283	1,625	31,877
1941	25,453	5,676	6,254	37,383	11,366	3,789	11,413	6,119	1,685	34,372
1942	26,313	5,889	6,635	38,837	12,578	4,055	12,219	6,596	1,740	37,188
1943	27,138	6,067	7,035	40,240	13,980	4,547	13,239	7,361	1,837	40,964
1944	27,704	6,352	7,201	41,257	15,521	4,971	13,768	7,849	1,968	44,077
1945	27,770	6,307	6,772	40,849	16,456	5,069	12,871	8,329	1,999	44,724
1946	26,695	5,803	6,595	39,093	16,319	4,854	12,565	7,715	1,888	43,341
1947	26,098	5,602	6,768	38,468	16,469	4,664	12,595	7,164	1,847	42,739
1948	25,039	5,649	6,487	37,175	16,000	4,541	11,890	6,743	1,777	40,951
1948 ¹	24,450	5,512	6,608	36,570	16,033	4,717	12,044	7,415	1,716	41,925

¹ Preliminary.

Bureau of Agricultural Economics. Data for 1920-29 in Agricultural Statistics, 1942, table 486.

TABLE 429.—Purebred beef and dual-purpose cattle: Number of new registrations each year, as reported by breed associations, United States, 1939-48

Year	Aberdeen-Angus	Devon	Hereford	Polled Hereford	Red Poll	Short-horn ¹	Brahman
	Number	Number	Number	Number	Number	Number	Number
1939	25,308	250	159,408	8,717	2,350	41,025	-----
1940	40,778	285	191,405	10,848	2,076	41,431	4,409
1941	38,737	336	207,517	15,244	2,724	50,120	4,132
1942	46,820	338	250,527	17,372	2,522	54,471	(?)
1943	52,432	398	288,675	17,034	3,155	52,845	8,536
1944	57,717	443	298,421	18,881	4,267	60,504	7,054
1945	66,020	401	316,081	31,863	3,958	63,988	10,954
1946	71,968	397	336,193	24,200	4,088	69,418	10,623
1947	² 81,992	403	356,330	33,000	4,366	80,853	14,928
1948	84,548	365	352,888	37,121	4,296	58,538	15,145

¹ Includes the beef, milking, and polled types of Shorthorns.² No report of registrations was received for this year.³ Fiscal year—October 1, 1946 to September 30, 1947.

Bureau of Animal Industry. In addition to the registrations for 1948 listed in this table, the following new registrations for 1948 were reported: Pan American Zebu Association, 2,161; American Galloway Breeders Association, 413, and American Scotch Highland Breeders Association 165.

TABLE 430.—Cattle and calves: Production, disposition, cash receipts, and gross income by States, 1947

State and division	Marketings ¹		Cattle shipped in for feeding and breeding ²	Farm slaughter		Quantity produced (live-weight) ³	Value of production ³	Cash receipts from sales of cattle, calves, beef, and veal ⁴	Value of cattle and calves slaughtered for home consumption	Gross income ⁴	Cost of cattle shipped in for feeding and breeding ¹
	Cattle	Calves		Cattle	Calves						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	36	64	4	9	7	38,245	5,909	7,064	212	7,276	626
New Hampshire.....	22	30	3	3	3	19,900	2,882	3,677	73	3,750	467
Vermont.....	72	147	9	7	4	58,930	7,918	10,294	221	10,515	1,410
Massachusetts.....	55	73	31	3	3	26,850	3,807	8,084	163	8,247	4,914
Rhode Island.....	6	13	1	1	1	3,100	458	992	41	1,033	784
Connecticut.....	40	70	19	3	2	28,360	4,182	6,736	125	6,861	2,981
New York.....	257	729	19	32	21	349,745	61,129	61,304	1,958	63,262	3,072
New Jersey.....	41	87	26	2	3	35,175	6,586	9,801	135	9,936	4,193
Pennsylvania.....	310	458	108	44	36	314,450	61,207	74,820	3,095	77,915	15,982
North Atlantic.....	839	1,671	224	104	80	874,755	154,078	182,772	6,023	188,795	34,429
Ohio.....	464	471	98	50	21	453,235	94,837	104,701	5,015	109,716	14,939
Indiana.....	728	372	311	38	26	480,135	97,389	146,188	4,304	150,492	42,085
Illinois.....	1,567	486	689	51	30	906,875	184,016	316,411	5,204	321,615	100,208
Michigan.....	399	464	38	42	28	388,445	76,819	88,788	2,785	91,573	4,354
Wisconsin.....	619	1,487	29	53	35	745,470	125,805	140,687	2,555	143,242	3,354
East North Central.....	3,777	3,280	1,165	234	140	2,974,160	578,866	796,775	19,863	816,638	164,940
Minnesota.....	1,044	766	151	55	36	851,990	150,856	194,175	7,058	201,233	17,884
Iowa.....	2,809	394	1,216	63	27	1,655,580	346,622	579,391	9,810	589,201	168,647
Missouri.....	1,566	606	823	21	35	946,320	195,114	310,886	2,987	313,873	105,920
North Dakota.....	481	178	10	26	15	432,020	78,238	84,020	3,267	87,287	1,242
South Dakota.....	948	116	182	22	7	666,300	130,190	162,675	3,128	165,803	22,973
Nebraska.....	1,600	286	507	41	17	1,088,585	218,809	303,790	6,335	310,125	70,326
Kansas.....	1,717	216	595	35	28	1,112,855	217,525	317,259	5,134	322,393	75,416
West North Central.....	10,155	2,562	3,484	263	165	6,753,650	1,337,354	1,952,196	37,719	1,989,915	462,408
North Central.....	13,932	5,842	4,649	497	305	9,727,810	1,916,220	2,748,971	57,582	2,806,553	627,348
Delaware.....	8	20	1	1	1	10,635	2,065	2,194	57	2,251	143
Maryland.....	65	125	23	5	2	71,465	13,870	15,409	295	15,704	2,981
Virginia.....	185	280	17	9	5	207,010	40,322	42,318	645	42,963	1,952
West Virginia.....	116	141	1	8	4	116,550	22,876	25,327	457	25,784	117
North Carolina.....	90	151	4	13	12	103,345	17,070	16,794	586	17,380	528
South Carolina.....	77	54	2	3	5	61,950	10,321	10,734	114	10,848	264
Georgia.....	227	155	1	8	9	179,230	26,968	27,778	230	28,008	78
Florida.....	207	176	24	17	4	165,430	20,940	22,538	243	22,781	2,770
South Atlantic.....	975	1,102	73	64	42	915,615	154,432	163,092	2,627	165,719	8,833

Kentucky.....	635	232	372	7	5	392,640	77,360	117,242	519	117,761	46,705
Tennessee.....	403	332	104	4	6	314,590	51,374	64,536	279	64,815	12,496
Alabama.....	345	165	4	7	7	217,810	31,904	36,220	252	36,472	298
Mississippi.....	352	290	5	5	7	239,940	36,217	42,112	207	42,319	433
Arkansas.....	366	269	23	7	7	244,210	41,880	53,529	270	53,799	2,082
Louisiana.....	409	313	33	7	12	208,955	33,272	46,062	438	46,500	2,888
Oklahoma.....	1,138	446	338	13	27	711,420	120,760	177,649	1,636	179,285	40,514
Texas.....	2,795	1,496	579	11	47	1,771,530	301,541	407,215	2,100	409,315	76,781
South Central.....	6,443	3,543	1,458	61	118	4,101,095	693,808	944,565	5,701	950,266	182,197
Montana.....	584	140	81	15	11	534,630	97,904	105,119	1,730	106,849	11,022
Idaho.....	249	72	79	17	13	224,315	41,189	48,395	934	49,329	9,666
Wyoming.....	350	62	43	7	3	288,690	55,011	60,804	929	61,733	4,919
Colorado.....	767	232	393	13	8	483,545	96,039	149,206	1,340	150,546	57,999
New Mexico.....	518	208	251	7	8	258,570	44,194	71,787	941	72,728	27,786
Arizona.....	344	155	153	11	8	183,225	30,744	49,208	1,279	50,487	16,386
Utah.....	153	65	30	5	3	132,005	24,018	28,415	430	28,845	3,947
Nevada.....	114	73	26	3	2	124,010	27,690	23,377	361	23,738	3,421
Washington.....	209	133	28	20	20	193,835	37,614	46,425	1,218	47,643	3,941
Oregon.....	289	116	41	15	20	273,770	50,090	58,717	753	59,470	5,365
California.....	1,229	703	752	21	41	739,050	139,291	250,865	2,991	253,856	96,444
Western.....	4,806	1,959	1,877	134	137	3,435,645	638,784	892,318	12,906	905,224	240,896
United States.....	26,995	14,117	8,281	860	682	19,054,920	3,557,322	4,931,718	84,839	5,016,557	1,093,703

¹ Excludes interfarm sales.

² Includes cattle shipped in from other States and from central markets but excludes intrastate shipments.

³ Adjustments were made for cattle shipped in and changes in inventory.

⁴ No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Bureau of Agricultural Economics.

TABLE 431.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1948 (preliminary)

State and division	Marketings ¹		Cattle shipped in for feeding and breeding ²	Farm slaughter		Quantity produced (live-weight) ³	Value of production ³	Cash receipts from sales of cattle, calves, beef, and veal ⁴	Value of cattle and calves slaughtered for home consumption	Gross income ⁴	Cost of cattle shipped in for feeding and breeding
	Cattle	Calves		Cattle	Calves						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	36	59	7	7	6	35,045	6,997	8,615	220	8,835	1,366
New Hampshire.....	20	30	3	3	3	20,100	3,853	4,533	101	4,634	583
Vermont.....	75	149	26	5	4	59,890	10,728	13,825	212	14,037	5,074
Massachusetts.....	55	71	37	3	2	28,980	5,373	10,882	215	11,097	7,309
Rhode Island.....	6	12	5	1	1	3,270	617	1,339	56	1,395	979
Connecticut.....	39	63	3	3	3	28,765	5,541	8,603	182	8,785	3,722
New York.....	262	700	24	29	19	361,990	76,591	74,416	2,298	76,714	4,811
New Jersey.....	44	83	25	2	2	38,245	8,640	12,540	159	12,699	5,019
Pennsylvania.....	311	449	120	40	34	319,225	78,436	93,213	3,725	96,938	22,162
North Atlantic.....	848	1,616	266	93	74	895,510	196,776	227,966	7,168	235,134	51,025
Ohio.....	498	434	101	50	17	465,535	111,822	129,898	5,724	135,622	19,420
Indiana.....	554	363	208	41	14	457,995	111,114	144,427	4,993	149,420	35,736
Illinois.....	1,335	429	754	52	21	850,340	210,476	337,871	5,952	343,823	140,432
Michigan.....	338	430	46	35	27	382,480	87,433	90,315	2,891	93,206	6,900
Wisconsin.....	574	1,471	30	45	27	738,545	153,053	164,984	2,648	167,632	4,502
East North Central.....	3,299	3,127	1,139	223	106	2,894,895	673,898	867,495	22,208	889,703	206,990
Minnesota.....	823	656	176	49	27	788,065	173,537	196,174	7,293	203,467	26,904
Iowa.....	1,983	351	1,022	64	19	1,371,125	337,680	492,004	11,336	503,340	179,821
Missouri.....	1,136	556	458	21	25	821,480	192,419	266,380	2,962	269,342	76,614
North Dakota.....	459	161	57	24	12	426,805	88,774	93,561	3,447	97,008	9,031
South Dakota.....	859	60	184	19	7	696,450	158,946	175,095	3,227	178,322	29,528
Nebraska.....	1,479	140	609	41	12	1,076,535	261,219	336,094	7,437	343,531	107,854
Kansas.....	1,367	160	707	35	23	1,026,800	232,083	294,032	5,715	299,747	1,147,89
West North Central.....	8,106	2,084	3,213	253	125	6,207,260	1,444,658	1,853,340	41,417	1,894,757	544,541
North Central.....	11,405	5,211	4,352	476	231	9,102,155	2,118,556	2,720,835	63,625	2,784,460	751,531
Delaware.....	9	18	1	2	1	10,880	2,604	3,001	128	3,129	184
Maryland.....	66	120	20	4	3	74,740	18,036	19,532	326	19,858	3,305
Virginia.....	161	253	20	8	6	192,955	46,440	45,615	752	46,367	2,928
West Virginia.....	98	136	1	6	3	105,230	25,169	26,662	412	27,074	149
North Carolina.....	116	163	2	7	9	108,370	20,909	22,730	424	23,154	340
South Carolina.....	79	57	1	3	5	57,440	11,359	12,945	150	13,095	170
Georgia.....	266	110	1	7	5	174,410	32,999	37,582	225	37,807	102
Florida.....	226	150	19	15	4	168,735	28,054	30,753	302	31,055	2,868
South Atlantic.....	1,021	1,007	65	52	36	892,760	185,570	198,820	2,719	201,539	10,046

Kentucky.....	582	278	260	9	4	408,675	95,560	131,386	710	132,096	41,725
Tennessee.....	353	320	57	3	4	291,680	59,613	72,113	256	72,369	8,837
Alabama.....	310	154	2	4	5	214,910	40,181	44,259	217	44,476	194
Mississippi.....	336	222	6	3	6	241,860	46,338	50,703	201	50,904	675
Arkansas.....	289	208	87	5	7	226,385	47,288	54,208	286	54,494	10,149
Louisiana.....	262	275	24	4	10	196,945	39,669	43,903	415	44,318	2,727
Oklahoma.....	928	411	310	16	20	681,715	145,457	191,636	1,926	193,562	47,876
Texas.....	2,535	1,397	463	10	35	1,736,725	362,467	473,412	2,062	475,474	79,520
South Central.....	5,595	3,265	1,209	54	91	3,998,895	836,573	1,061,620	6,073	1,067,693	191,703
Montana.....	534	94	104	11	8	554,470	118,641	112,402	1,531	113,933	18,699
Idaho.....	229	93	69	17	11	245,935	54,607	56,683	1,167	57,850	11,234
Wyoming.....	379	72	61	7	4	303,370	64,649	75,317	1,137	76,454	9,266
Colorado.....	817	187	422	13	9	513,185	121,689	190,546	1,625	192,171	82,345
New Mexico.....	476	186	260	8	7	258,335	56,668	86,874	1,248	88,122	38,527
Arizona.....	302	125	144	10	8	177,170	37,902	55,932	1,561	57,493	20,650
Utah.....	115	69	23	6	5	128,650	29,050	28,483	702	29,185	4,024
Nevada.....	109	86	18	2	3	129,520	30,578	30,547	405	30,952	3,149
Washington.....	174	112	31	17	18	193,600	43,736	45,845	1,234	47,079	5,800
Oregon.....	231	87	64	14	17	263,815	54,831	53,425	822	54,247	11,151
California.....	1,090	616	682	20	39	718,675	166,530	277,959	3,610	281,569	115,012
Western.....	4,456	1,727	1,878	125	129	3,486,725	778,881	1,014,013	15,042	1,029,055	319,857
United States.....	23,325	12,826	7,770	800	561	18,376,045	4,116,356	5,223,254	94,627	5,317,881	1,324,162

¹ Excludes interfarm sales.

² Includes cattle shipped in from other States and from central markets.

³ Adjustments were made for cattle shipped in and changes in inventory, but excludes intrastate shipments.

⁴ No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Bureau of Agricultural Economics.

TABLE 432.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1930-48

Year	Calf crop ¹	Death loss		Marketings ²		Cattle shipped in for feeding and breeding ³	Farm slaughter	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1930	25,087	1,203	1,944	15,232	8,662	5,145	487	677
1931	26,056	1,328	1,915	15,021	8,475	4,729	520	755
1932	27,568	1,349	1,991	14,569	8,170	4,499	717	792
1933	28,935	1,372	2,040	15,928	8,852	4,978	790	842
1934 ⁴	30,240	1,437	2,157	23,325	11,450	4,419	828	985
1935 ⁴	27,473	1,561	2,268	19,041	9,363	5,259	632	866
1936	28,201	1,349	2,070	19,991	10,029	4,990	613	888
1937	28,033	1,405	2,081	18,854	10,298	5,111	570	785
1938	27,787	1,308	1,928	18,652	9,560	5,635	569	725
1939	28,879	1,298	1,935	18,380	10,076	6,416	571	755
1940	29,886	1,397	1,992	18,413	10,365	7,026	571	728
1941	31,868	1,461	2,118	18,948	11,001	7,185	571	684
1942	34,388	1,560	2,349	20,740	11,787	8,514	646	641
1943	34,797	1,734	2,560	21,310	11,177	7,442	708	620
1944	37,040	1,734	2,772	23,627	14,323	7,233	854	724
1945	35,176	1,644	2,680	27,391	13,197	8,254	916	741
1946	34,550	1,566	2,543	26,188	12,656	8,877	943	758
1947	35,234	1,473	2,469	26,995	14,117	8,281	860	682
1948 ⁵	33,808	1,405	2,292	23,325	12,826	7,770	860	561

Year	Quantity produced (live weight) ⁶	Value of production ⁶	Cash receipts from sales of cattle, calves, beef, and veal ⁷	Value of cattle and calves slaughtered for home consumption	Gross income ⁷	Cost of cattle shipped in for feeding and breeding ³	Average price per 100 pounds received by farmers	
							Cattle	Calves
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1930	13,263,048	1,031,910	1,183,573	30,764	1,204,337	273,322	7.71	9.68
1931	13,385,509	744,916	837,719	16,056	853,775	180,775	5.53	6.95
1932	14,232,264	597,193	620,561	14,917	635,478	141,573	4.25	4.95
1933	15,404,848	575,507	599,485	14,059	613,544	133,159	3.75	4.64
1934 ⁴	14,537,806	554,749	812,823	14,779	827,602	114,636	4.13	4.92
1935 ⁴	13,650,546	839,405	1,062,426	21,219	1,083,645	221,225	6.04	7.16
1936	14,437,789	856,653	1,113,564	20,308	1,133,872	187,697	5.82	7.20
1937	13,745,695	974,199	1,238,924	22,411	1,261,335	233,974	7.00	8.10
1938	14,046,970	931,675	1,162,422	21,142	1,183,564	267,583	6.54	7.90
1939	15,177,210	1,092,268	1,289,566	22,791	1,312,357	350,290	7.14	8.40
1940	15,702,110	1,194,608	1,375,631	24,388	1,400,019	401,821	7.56	8.83
1941	17,029,460	1,512,498	1,704,587	27,708	1,732,295	483,871	8.82	10.30
1942	18,567,995	1,997,831	2,262,549	37,130	2,299,679	671,182	10.70	12.30
1943	19,159,375	2,283,943	2,562,452	43,957	2,606,409	640,989	11.90	13.30
1944	19,708,295	2,164,836	2,604,481	47,783	2,652,264	564,830	10.80	12.40
1945	19,345,320	2,352,916	3,289,932	56,311	3,346,243	709,074	12.10	13.10
1946	18,781,924	2,735,993	3,722,141	71,290	3,793,431	906,512	14.50	15.30
1947	19,054,920	3,557,322	4,931,718	84,839	5,016,557	1,093,703	18.50	20.40
1948 ⁵	18,376,045	4,116,356	5,223,254	94,627	5,317,881	1,324,162	22.20	24.40

¹ Calves born during the year.² Excludes interfarm sales.³ Includes cattle shipped in from other States and from central markets, but excludes intrastate shipments.⁴ Includes Government purchases.⁵ Preliminary.⁶ Adjustments were made for cattle shipped in and changes in inventory.⁷ No adjustments made for cost of cattle shipped in and changes in inventory values. Gross income is "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

Bureau of Agricultural Economics. Data for 1924-29 (for most items shown) in Agricultural Statistics, 1942, table 491.

TABLE 433.—Cattle and calves on feed, North Central States and United States, Jan. 1, 1930-49¹

Year	East North Central States	West North Central States	Total North Central States	United States ²	Year	East North Central States	West North Central States	Total North Central States	United States ²
	Thou-sands	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands	Thou-sands
1930.....	619	1,964	2,583	3,113	1940.....	944	1,852	2,796	3,633
1931.....	568	1,930	2,498	3,025	1941.....	1,002	2,148	3,150	4,065
1932.....	618	1,739	2,357	2,878	1942.....	961	2,293	3,254	4,185
1933.....	687	1,918	2,605	3,080	1943.....	993	2,540	3,533	4,445
1934.....	593	1,818	2,411	2,890	1944.....	905	2,319	3,224	4,015
1935.....	579	1,229	1,808	2,215	1945.....	907	2,662	3,569	4,411
1936.....	750	1,770	2,520	3,202	1946.....	888	2,448	3,336	4,211
1937.....	740	1,280	2,020	2,759	1947.....	961	2,456	3,417	4,307
1938.....	840	1,651	2,491	3,336	1948.....	850	1,994	2,844	3,821
1939.....	855	1,696	2,551	3,303	1949 ³	947	2,516	3,463	4,548

¹ Estimates include only cattle being fattened for market as a more or less distinct agricultural enterprise, and exclude small operations incidental to dairy and general farming. Cattle thus fed are presumed to produce carcasses that will grade Commercial or better. In addition there have been a number of cattle finished on distillery slop, mostly in Kentucky, and on byproduct feeds in other States not shown, as well as large numbers being winter-fed in West Virginia, Virginia, Kentucky, and some other States, to be marketed as "grass fat" cattle in the late summer.

² Includes cattle and calves on feed in Pennsylvania and in 13 Western States.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 434.—Cattle and calves on feed, by States, Jan. 1, average 1938-47, annual 1948 and 1949¹

State and division	Average 1938-47	1948	1949 ²	State and division	Average 1938-47	1948	1949 ²
	Thou-sands	Thou-sands	Thou-sands		Thou-sands	Thou-sands	Thou-sands
Pennsylvania.....	78	85	88	Oklahoma.....	54	50	70
Ohio.....	123	110	120	Texas.....	150	115	144
Indiana.....	165	155	186	Montana.....	33	35	29
Illinois.....	478	425	475	Idaho.....	49	80	95
Michigan.....	89	77	86	Wyoming.....	17	20	18
Wisconsin.....	71	83	80	Colorado.....	150	180	168
East North Central....	926	850	947	New Mexico.....	16	22	33
Minnesota.....	278	240	312	Arizona.....	56	65	62
Iowa.....	901	770	955	Utah.....	37	44	45
Missouri.....	276	240	300	Nevada.....	23	24	26
North Dakota.....	61	58	62	Washington.....	23	24	26
South Dakota.....	130	136	177	Oregon.....	26	24	32
Nebraska.....	325	350	450	California.....	147	209	249
Kansas.....	235	200	260	Western.....	781	892	997
West North Central....	2,206	1,994	2,516	United States.....	3,991	3,821	4,548
North Central.....	3,132	2,844	3,463				

¹ Estimates include only cattle being fattened for market as a more or less distinct agricultural enterprise, and exclude small operations incidental to dairy and general farming. Cattle thus fed are presumed to produce carcasses that will grade Commercial or better. In addition there have been a number of cattle finished on distillery slop, mostly in Kentucky, and on byproduct feeds in other States not shown, as well as large numbers being winter-fed in West Virginia, Virginia, Kentucky, and some other States, to be marketed as "grass fat" cattle in the late summer.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 435.—Cattle and calves: Receipts at public stockyards, 1939-48

TOTAL RECEIPTS, CATTLE ¹												
Year	Chi- ago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets ²	All others report- ing	Total, 66 market- report- ing ²
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1939	1,818	509	620	1,387	1,184	797	313	893	673	8,194	5,702	13,896
1940	1,926	466	524	1,324	1,206	881	340	942	735	8,343	5,734	14,077
1941	2,035	495	591	1,382	1,305	874	410	1,060	873	9,025	6,203	15,228
1942	2,182	613	862	1,887	1,474	1,046	472	1,162	1,006	10,702	7,277	17,979
1943	2,143	690	879	2,137	1,615	1,066	504	985	1,162	11,181	7,009	18,190
1944	2,340	765	1,046	1,979	1,680	1,220	573	1,175	1,242	12,019	8,494	20,513
1945	2,391	793	1,019	2,094	1,859	1,317	561	1,138	1,444	12,617	9,555	22,172
1946	1,960	820	873	1,894	1,735	1,250	501	1,009	1,448	10,489	10,789	21,278
1947	2,089	898	968	1,956	1,910	1,304	682	1,216	1,463	12,486	9,617	22,103
1948	1,694	849	786	1,543	1,521	991	573	959	1,132	10,048	8,625	18,673

TOTAL RECEIPTS, CALVES ¹												
Year	Chi- ago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets ²	All others report- ing	Total, 66 market- report- ing ²
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1939	312	112	422	325	128	498	58	480	60	2,396	4,164	6,560
1940	271	117	377	276	120	435	58	465	62	2,182	4,100	6,282
1941	244	107	372	233	101	434	50	471	58	2,070	4,058	6,128
1942	248	112	420	278	89	505	54	503	66	2,275	4,406	6,681
1943	217	94	376	268	84	416	67	438	48	2,007	3,687	5,694
1944	287	127	482	387	144	529	118	572	87	2,733	4,556	7,289
1945	230	129	524	338	111	529	116	518	84	2,578	4,492	7,070
1946	194	132	481	361	111	538	95	503	99	2,514	4,304	6,818
1947	271	133	446	313	105	557	121	626	67	2,640	4,819	7,459
1948	188	112	329	222	107	435	99	490	73	2,056	4,221	6,277

TRUCK RECEIPTS, CATTLE												
Year	Chi- ago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets ²	All others report- ing	Total, 66 market- report- ing ²
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1939	881	177	517	466	803	535	215	597	535	4,726	3,861	8,587
1940	1,030	172	463	526	888	671	254	651	587	5,242	3,999	9,241
1941	1,170	187	531	635	1,017	686	306	737	715	5,984	4,507	10,491
1942	1,234	218	730	685	1,091	726	336	804	760	6,584	4,897	11,481
1943	1,153	220	647	658	1,157	686	322	680	879	6,403	4,207	10,610
1944	1,128	289	831	728	1,170	798	366	745	838	6,894	5,251	12,145
1945	1,214	296	755	780	1,409	760	386	746	1,056	7,401	5,478	12,879
1946	1,162	356	686	744	1,337	616	365	663	1,083	5,930	6,241	12,171
1947	1,411	452	800	829	1,311	874	492	915	1,145	8,428	6,271	14,699
1948	1,206	509	638	731	1,141	717	418	674	879	6,912	5,916	12,828

TRUCK RECEIPTS, CALVES												
Year	Chi- ago	Den- ver	Fort Worth	Kan- sas City	Omaha	St. Louis Natl. Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets ²	All others report- ing	Total, 66 market- report- ing ²
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1939	130	56	298	126	64	250	50	406	27	1,406	2,576	3,982
1940	132	52	303	126	70	267	53	403	33	1,439	2,594	4,033
1941	138	51	315	123	50	279	46	417	27	1,446	2,686	4,132
1942	142	49	323	122	41	280	47	444	23	1,471	2,805	4,277
1943	132	39	311	113	38	259	51	391	19	1,354	2,337	3,691
1944	146	69	410	193	74	331	87	502	31	1,843	3,015	4,858
1945	122	58	422	166	63	295	91	458	21	1,696	2,899	4,595
1946	106	59	400	157	54	303	78	448	26	1,631	2,616	4,247
1947	145	65	401	175	68	341	103	572	25	1,894	3,290	5,184
1948	116	59	293	129	66	296	93	457	27	1,536	3,019	4,555

¹ Total rail and truck receipts, unloaded at public stockyards.² Rounded totals of the complete figures.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-38 in Agricultural Statistics, 1941, table 466.

TABLE 436.—Feeder cattle: Inspected shipments from public stockyards, 1941-48

Origin and destination	1941	1942	1943	1944	1945	1946	1947	1948
Market origin:	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>
Baltimore, Md.....	9,724	12,230	11,698	14,917	17,809	20,866	19,577	23,256
Chicago, Ill.....	106,858	115,400	108,238	99,373	105,473	130,913	81,024	89,293
Cincinnati, Ohio.....	9,378	10,598	12,254	11,559	9,484	14,276	13,551	11,101
Clovis, New Mex.....								55,685
Denver, Colo.....	180,293	261,846	308,098	265,377	303,715	364,046	368,511	355,045
Detroit, Mich.....	15,752	14,578	19,304	14,548	14,616	11,880	11,189	10,623
Fort Worth, Tex.....	125,725	181,704	163,297	143,635	199,065	203,202	147,539	136,455
Indianapolis, Ind.....	43,562	39,315	38,066	33,709	34,599	45,330	45,378	38,509
Kansas City, Kans.....	510,476	616,917	669,681	493,016	490,815	524,594	483,543	452,285
Lancaster, Pa.....	55,949	81,832	87,493	57,529	104,396	110,458	88,754	82,482
Los Angeles, Calif.....	55,142	46,259	54,615	63,892	79,216	64,802	81,601	94,254
Louisville, Ky.....	71,462	85,079	62,042	47,188	61,936	73,918	70,002	49,404
Nashville, Tenn.....	8,107	20,046	18,039	9,287	10,739	9,262	10,576	12,382
Ogden, Utah.....	59,334	53,112	59,203	72,688	125,803	145,248	136,510	131,100
Oklahoma City, Okla.....	197,730	222,285	204,938	126,807	151,925	211,136	203,800	230,161
Omaha, Nebr.....	347,566	379,995	398,178	382,065	357,246	444,131	378,687	403,745
St. Louis ¹	159,289	190,466	165,284	135,284	139,429	199,653	159,099	134,725
San Antonio, Tex.....	195,256	194,907	177,511	167,074	204,784	261,537	259,887	291,815
Sioux City, Iowa.....	261,479	304,640	306,772	352,156	383,788	429,038	352,687	377,603
Sioux Falls, S. Dak.....	69,189	70,680	80,557	80,071	79,068	77,447	83,525	76,096
South St. Joseph, Mo.....	65,858	72,709	67,599	50,264	51,748	61,982	69,415	60,702
South St. Paul, Minn.....	187,933	187,175	170,105	177,783	186,959	210,613	158,304	135,011
Wichita, Kans.....	207,654	215,109	191,967	158,727	173,516	155,208	153,401	148,976
All other inspected.....	238,202	248,570	247,792	222,340	246,668	330,765	279,111	345,457
Total.....	3,181,918	3,625,452	3,622,731	3,179,289	3,532,797	4,100,305	3,655,671	3,746,165
State destination:								
Pennsylvania.....	69,021	98,583	108,224	70,720	120,926	130,119	104,896	112,233
Ohio.....	72,031	92,585	108,614	73,136	96,086	110,790	82,788	67,133
Indiana.....	134,881	143,883	123,614	95,637	131,419	164,865	131,025	119,443
Illinois.....	417,356	482,021	420,180	419,310	432,578	538,896	440,271	416,560
Michigan.....	38,923	39,143	56,562	28,193	31,783	42,497	27,731	35,824
Wisconsin.....	14,927	12,869	16,480	15,815	19,835	19,067	14,988	14,252
Minnesota.....	111,062	99,516	90,019	67,723	79,157	83,727	75,513	83,727
Iowa.....	666,748	735,290	725,404	720,934	617,491	718,605	554,348	576,574
Missouri.....	216,105	239,247	245,092	167,985	179,529	254,015	234,349	227,118
South Dakota.....	46,753	54,166	86,214	71,093	99,541	91,032	92,970	82,276
Nebraska.....	230,681	278,015	286,366	285,209	330,547	357,952	344,918	314,663
Kansas.....	362,499	472,461	369,392	330,240	330,580	322,130	288,232	379,280
Maryland.....	10,527	14,049	12,449	12,817	20,710	24,555	19,154	17,062
Virginia.....	7,244	15,212	21,311	9,273	17,144	25,449	14,376	15,181
Kentucky.....	90,529	120,436	93,641	76,221	105,313	126,461	111,886	78,840
Tennessee.....	18,940	34,437	28,966	21,939	30,928	37,784	31,464	27,081
Louisiana.....	13,221	11,402	20,762	21,458	42,869	48,529	32,194	23,154
Oklahoma.....	164,367	187,015	146,470	125,472	116,097	137,888	161,033	167,704
Texas.....	141,135	130,100	146,913	126,464	146,109	202,530	198,973	263,590
Montana.....	8,884	7,816	21,003	13,285	18,648	31,678	25,819	25,325
Idaho.....	5,155	4,554	6,723	7,254	6,306	17,421	27,996	21,089
Wyoming.....	8,336	13,742	17,598	17,285	19,499	29,792	21,287	23,724
Colorado.....	98,267	130,678	170,751	131,735	168,060	170,450	239,382	213,227
Utah.....	31,794	19,165	18,831	22,369	25,322	22,425	29,211	20,928
Washington.....	30,586	26,529	25,119	26,799	27,607	33,156	26,302	28,212
California.....	92,389	92,417	131,333	130,199	202,921	202,142	236,228	277,535
All other.....	79,657	70,121	115,700	90,724	116,092	156,350	88,337	114,430
Total.....	3,181,918	3,625,452	3,622,731	3,179,289	3,532,797	4,100,305	3,655,671	3,746,165

¹Includes St. Louis National Stock Yards, Ill., and St. Louis, Mo.

Bureau of Agricultural Economics. Compiled from inspection records of Bureau of Animal Industry. Data for 1926-40 in Agricultural Statistics, 1941, table 467.

TABLE 437.—Cattle and calves: Stocker and feeder shipments into 8 North Central States, 1944-48¹

Year and source	Shipments into—								
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Nebraska	Total 8 States
1944:									
Public stockyards...	Head 84,992	Head 104,651	Head 375,148	Head 26,652	Head 15,625	Head 66,201	Head 759,472	Head 278,220	Head 1,710,961
Direct.....	4,928	17,648	107,375	1,341	5,757	45,031	289,657	96,817	568,554
Total.....	89,920	122,299	482,523	27,993	21,382	111,232	1,049,129	375,037	2,279,515
1945:									
Public stockyards...	93,452	149,751	388,628	31,482	17,878	77,228	721,229	331,737	1,811,385
Direct.....	14,426	32,912	157,155	6,223	10,891	76,995	321,955	122,656	743,213
Total.....	107,878	182,663	545,783	37,705	28,769	154,223	1,043,184	454,393	2,554,598
1946:									
Public stockyards...	117,517	153,477	454,081	40,599	15,940	81,867	821,586	337,600	2,022,667
Direct.....	16,422	40,115	226,880	5,438	8,394	64,992	387,774	162,540	912,555
Total.....	133,939	193,592	680,961	46,037	24,334	146,859	1,209,360	500,140	2,935,222
1947:									
Public stockyards...	78,529	136,671	397,496	27,215	14,004	69,771	715,910	322,248	1,761,844
Direct.....	9,547	35,823	214,675	4,114	7,418	69,764	336,432	160,917	838,690
Total.....	88,076	172,494	612,171	31,329	21,422	139,535	1,052,342	483,165	2,600,534
1948:									
Public stockyards...	68,576	124,470	382,164	32,196	13,780	83,684	723,384	310,886	1,739,140
Direct.....	13,580	41,590	248,515	4,092	10,487	81,155	298,849	121,762	820,030
Total.....	82,156	166,060	630,679	36,288	24,267	164,839	1,022,233	432,648	2,559,170

¹ Under "Public stockyards" are included stockers and feeders which were bought at stockyards markets. Under "Direct" are included stockers and feeders coming from other States from points other than public stockyards, some of which are inspected at public stockyards while stopping for feed, water, and rest en route.

Bureau of Agricultural Economics. Compiled from data obtained from offices of State veterinarians.

TABLE 438.—Cattle and calves slaughtered, United States, 1930-48

Year	Cattle slaughter				Calf slaughter			
	Federally inspected ¹	Not federally inspected		Total	Federally inspected ¹	Not federally inspected		Total
		Other wholesale, and retail	Farm			Other wholesale, and retail	Farm	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1930.....	8,170	3,399	487	12,056	4,595	2,489	677	7,761
1931.....	8,108	3,468	520	12,096	4,717	2,585	755	8,057
1932.....	7,625	3,638	717	11,980	4,492	2,686	792	7,970
1933.....	8,655	3,662	790	13,107	4,907	2,815	842	8,564
1934.....	² 13,277	5,404	828	² 19,509	³ 7,455	3,319	985	³ 11,759
1935.....	² 9,853	4,320	632	² 14,805	³ 5,718	3,048	866	³ 9,632
1936.....	² 10,976	4,312	613	² 15,901	³ 6,070	3,050	888	³ 10,008
1937.....	10,070	4,614	570	15,254	6,281	3,238	785	10,304
1938.....	9,776	4,477	569	14,822	5,492	3,089	725	9,306
1939.....	9,446	4,604	571	14,621	5,264	3,172	755	9,191
1940.....	9,743	4,644	571	14,958	5,358	3,003	728	9,089
1941.....	10,932	4,916	571	16,419	5,461	3,107	684	9,252
1942.....	12,340	5,047	646	18,033	5,760	3,317	641	9,718
1943.....	11,721	5,416	708	17,845	5,209	4,111	620	9,940
1944.....	13,955	5,035	854	19,844	7,769	5,749	724	14,242
1945.....	14,531	5,244	916	21,691	7,020	5,884	741	13,645
1946.....	11,402	4,779	943	19,224	5,841	5,569	758	12,168
1947.....	15,524	5,009	860	22,393	7,933	5,080	682	13,695
1948 ⁴	12,994	5,676	800	19,470	6,907	4,849	561	12,317

¹ Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

² Includes 3,333,570 cattle in 1934, 186,683 in 1935, and 3500 in 1936, slaughtered for Government account.

³ Includes 1,376,572 calves in 1934, 39,358 in 1935, and 163 in 1936, slaughtered for Government account.

⁴ Data obtained from reports of slaughterers. ⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 439.—Cattle and calves: Slaughter under Federal inspection, by stations, 1939-48¹

CATTLE										
Year	Chi- cago ²	Denver	Kansas City	New York ³	Omaha ⁴	St. Louis ⁵	Sioux City	So. St. Paul ⁶	All other stations	Total
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1939.....	1,281	120	633	454	717	539	333	676	4,693	9,446
1940.....	1,358	111	611	452	744	578	367	725	4,811	9,756
1941.....	1,508	145	737	478	857	620	451	834	5,316	10,946
1942.....	1,575	212	955	506	924	683	480	869	6,142	12,347
1943.....	1,289	247	900	464	1,006	610	548	665	5,999	11,727
1944.....	1,540	293	1,004	566	1,083	706	529	822	7,417	13,960
1945.....	1,441	267	1,017	632	1,124	683	518	746	8,110	14,538
1946.....	975	217	722	538	759	467	358	542	6,835	11,413
1947.....	1,428	333	1,031	437	1,206	872	557	897	8,763	15,524
1948.....	1,150	278	813	332	828	745	396	686	7,767	12,994

CALVES										
1939.....	340	20	267	720	58	440	14	507	2,898	5,264
1940.....	345	20	247	750	56	421	12	496	3,013	5,359
1941.....	300	20	221	741	40	468	7	503	3,160	5,461
1942.....	262	21	248	777	30	446	7	514	3,454	5,760
1943.....	270	21	268	538	38	369	10	405	3,292	5,209
1944.....	455	60	412	571	123	615	65	570	4,899	7,770
1945.....	372	39	383	428	78	512	33	495	4,680	7,020
1946.....	326	22	256	455	47	350	18	456	3,912	5,842
1947.....	615	40	389	548	81	648	20	570	5,022	7,933
1948.....	544	23	241	516	58	532	17	397	4,579	6,907

¹ Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act and in plants operating under limited inspection, beginning 1942.
² Includes Elburn, Ill.
³ Includes Jersey City and Newark, N. J.
⁴ Includes Lincoln, Nebr.
⁵ Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.
⁶ Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-38 in 1941 Agricultural Statistics, table 475.

TABLE 440.—Cattle slaughtered under Federal inspection, by classes, 1939-48

Year	Steers		Cows		Heifers		Cows and heifers		Bulls and stags	
	Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent	Thou- sands	Per- cent
1939.....	4,588	48.6	-----	-----	-----	-----	4,446	47.0	412	4.4
1940.....	4,866	49.9	-----	-----	-----	-----	4,481	45.9	409	4.2
1941.....	5,459	49.9	-----	-----	-----	-----	4,992	45.6	496	4.5
1942.....	6,019	48.7	-----	-----	-----	-----	5,854	47.4	475	3.8
1943.....	5,737	48.9	-----	-----	-----	-----	5,516	47.0	474	4.0
1944.....	5,860	42.0	5,824	41.7	1,568	11.2	7,392	52.9	708	5.1
1945.....	6,657	45.8	5,691	39.1	1,620	11.2	7,311	50.3	571	3.9
1946.....	5,364	47.0	4,317	37.8	1,324	11.6	5,641	49.4	408	3.6
1947.....	6,968	44.9	6,030	38.8	1,953	12.6	7,983	51.4	573	3.7
1948.....	5,751	44.3	5,279	40.6	1,483	11.4	6,762	52.0	481	3.7

Production and Marketing Administration. Data for 1923-38 in Agricultural Statistics, 1941, table 478.

TABLE 441.—Cattle and calves: Number slaughtered and total live weight, 1947 and 1948, and average live weight, 1948, by States¹

State	Cattle					Calves				
	Number slaughtered		Total live weight		Average live weight	Number slaughtered		Total live weight		Average live weight
	1947	1948 ²	1947	1948 ²	1948 ²	1947	1948 ²	1947	1948 ²	1948 ²
	Head	Head	1,000 lb.	1,000 lb.	Pounds	Head	Head	1,000 lb.	1,000 lb.	Pounds
New England.....	381,700	340,100	366,177	325,042	956	466,100	399,600	42,008	37,491	94
New York.....	557,000	461,000	579,745	479,181	1,039	979,000	990,000	143,122	137,313	152
New Jersey.....	299,000	226,700	330,067	255,207	1,126	290,000	342,000	52,237	63,593	186
Pennsylvania.....	767,000	728,000	752,785	714,971	982	789,000	834,000	109,428	111,318	133
Ohio.....	1,116,000	1,005,000	997,598	924,462	920	425,000	394,000	65,615	61,200	155
Indiana.....	605,000	529,000	515,948	461,253	872	206,400	185,700	41,685	37,556	202
Illinois.....	2,188,000	1,851,000	1,983,271	1,712,880	925	1,236,000	1,113,000	229,868	205,747	185
Michigan.....	735,000	663,000	675,914	624,682	942	607,000	596,000	103,119	99,614	167
Wisconsin.....	648,000	643,000	658,058	660,106	1,027	1,188,000	1,179,000	137,969	142,567	121
Minnesota.....	1,319,000	1,039,000	1,279,989	1,020,624	982	809,000	617,000	124,436	100,346	163
Iowa.....	1,474,000	1,103,000	1,392,133	1,050,606	952	480,000	453,000	111,320	107,819	238
Missouri.....	924,000	853,000	774,697	742,107	870	486,000	456,000	111,405	94,192	207
North Dakota.....	123,400	129,000	121,551	130,221	1,009	81,200	72,200	21,778	19,429	269
South Dakota.....	225,000	217,000	211,735	210,294	969	18,500	19,100	5,258	4,979	261
Nebraska.....	1,306,000	921,000	1,227,233	875,026	950	92,800	71,500	29,564	22,409	313
Kansas.....	1,395,000	1,117,000	1,251,236	1,016,973	910	469,000	306,900	128,690	84,770	276
Delaware and Maryland ³	194,900	170,600	189,167	165,313	969	169,600	153,800	25,887	24,353	158
Virginia.....	101,100	97,300	81,237	81,193	834	102,400	108,300	20,435	21,697	200
West Virginia.....	77,600	81,100	67,253	69,591	858	40,000	37,700	6,608	6,410	170
North Carolina.....	114,400	120,900	87,746	92,979	769	115,100	126,500	20,584	19,938	158
South Carolina.....	85,800	87,400	57,910	57,692	660	42,500	47,300	9,447	9,394	199
Georgia.....	420,000	390,000	263,675	249,871	641	209,200	178,300	51,226	46,164	259
Florida.....	246,200	321,000	155,473	202,122	630	139,900	131,700	32,780	34,041	258
Kentucky.....	205,000	228,000	166,756	186,391	818	140,500	105,400	25,072	17,851	169
Tennessee.....	299,000	310,000	230,588	231,463	747	331,000	320,000	61,730	62,630	196
Alabama.....	230,000	232,000	151,599	157,065	677	115,600	96,200	31,619	29,414	306
Mississippi.....	124,300	116,500	79,445	73,291	629	103,500	76,800	30,571	25,470	332
Arkansas.....	140,300	152,500	96,836	109,137	716	39,600	28,300	14,192	11,192	395
Louisiana.....	216,000	186,500	145,148	130,092	698	353,000	297,000	124,017	106,077	357
Oklahoma.....	425,000	374,000	336,821	305,273	816	234,000	196,700	85,508	73,499	374
Texas.....	1,409,000	1,234,000	1,055,284	949,822	770	1,168,000	959,000	436,523	378,715	395
Montana.....	66,800	55,800	62,722	53,501	959	18,700	11,600	6,215	4,258	367
Idaho.....	71,500	71,600	67,654	68,330	954	14,600	11,900	4,609	3,787	318
Wyoming.....	20,100	17,200	19,439	16,231	944	4,900	2,700	1,107	863	320
Colorado.....	463,000	401,000	429,817	381,476	951	62,900	51,100	20,670	15,421	302
New Mexico.....	41,000	37,500	29,672	29,482	786	12,000	7,600	4,598	3,242	427
Arizona.....	86,600	79,900	75,578	68,941	863	15,700	11,800	6,096	4,672	396
Utah.....	121,900	103,400	110,414	94,697	916	31,100	23,900	8,989	6,951	291
Nevada.....	44,400	25,100	45,752	26,411	1,052	15,500	9,000	5,248	3,071	341
Washington.....	351,000	301,000	327,222	288,715	959	94,300	67,400	26,678	16,997	252
Oregon.....	229,000	200,800	215,173	191,991	956	76,400	49,500	19,902	13,255	268
California.....	1,686,000	1,449,000	1,653,888	1,461,304	1,008	740,000	617,000	181,884	140,492	228
United States.....	21,533,000	18,669,900	19,325,906	16,946,009	908	13,013,000	11,755,500	2,719,697	2,410,197	205

¹ Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.² Preliminary.³ Includes the District of Columbia. B.A.E.

TABLE 442.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds (live weight) 1939-48 ¹

Year	Cattle			Calves			Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds		Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	Thousands	Lb.	Dollars	Thousands	Lb.	Dollars		Thousands	Lb.	Dollars	Thousands	Lb.	Dollars
1939	9,446	943	7.67	5,264	191	8.35	1944	13,960	924	11.08	7,770	218	11.59
1940	9,756	940	7.95	5,359	191	8.52	1945	14,538	948	12.41	7,020	214	12.40
1941	10,946	961	9.14	5,461	196	10.12	1946	11,413	943	14.66	5,842	199	14.39
1942	12,347	954	10.98	5,760	208	12.07	1947	15,524	928	18.88	7,933	209	19.59
1943	11,727	955	12.22	5,209	207	12.28	1948	12,994	945	23.29	6,907	209	24.32

¹ Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act beginning 1942 and in plants operating under limited inspection.

Production and Marketing Administration. Data for 1931-38 in Agricultural Statistics, 1941, tables 476 and 477.

In recent years the carcass weight of cattle has averaged about 52 percent of the live weight and for calves about 55 percent of the live weight.

TABLE 443.—Cattle and calves: Average price per 100 pounds at Chicago, 1939-48

Year	Beef steers ¹					Cows ²	Veal calves ²
	Choice and prime	Good	Medium	Common	All grades	Good	Good and choice
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1939	10.48	9.81	8.77	7.51	9.75	7.10	10.07
1940	11.86	10.48	8.84	7.51	10.43	7.22	10.61
1941	12.23	11.36	10.02	8.64	11.33	8.44	12.18
1942	15.19	13.90	12.22	10.40	13.79	10.90	14.48
1943	16.23	15.34	14.01	11.66	15.30	12.98	15.18
1944	17.05	15.73	13.87	11.25	15.44	13.21	14.86
1945	17.30	16.00	14.12	11.73	16.18	14.01	15.12
1946	20.24	19.32	17.36	13.75	19.16	15.04	16.87
1947	30.64	26.22	21.76	18.04	25.83	18.48	24.98
1948	35.24	30.96	26.31	22.16	30.88	23.18	29.02

¹ Weighted average prices of beef steers, sold out of first hands for slaughter, western steers not included.

² Based on the mean of daily range of quotations released by the livestock reporting service.

Production and Marketing Administration. Data for 1931-38 in Agricultural Statistics, 1941, table 469.

TABLE 444.—*Cattle (steers): Average price per 100 pounds in Argentina and Canada, 1939-48*

Item	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Argentine special, for chilling, at Liniers market, near Buenos Aires.....	<i>Dol.</i> 3.79	<i>Dol.</i> 3.64	<i>Dol.</i> 3.86	<i>Dol.</i> 4.99	<i>Dol.</i> 5.01	<i>Dol.</i> 5.09	<i>Dol.</i> 5.12	<i>Dol.</i> 4.77	<i>Dol.</i> (²)	<i>Dol.</i> (²)
Canadian at Winnipeg:										
Over 1,050 pounds, Choice.....	6.59	6.95	8.03	9.44	10.72	10.78	11.30	12.53	14.84	20.69
Up to 1,050 pounds, Good.....	5.98	6.33	7.48	8.82	10.09	10.17	10.44	11.47	13.60	18.81

¹ 9 months' average.² Not available.

Bureau of Agricultural Economics. Prices converted to United States dollars at current rate of exchange.

TABLE 445.—*Steer beef, dressed: Wholesale price per 100 pounds, Chicago and New York, 1939-48*¹

Year	Chicago			New York			Year	Chicago			New York		
	Choice ²	Good ²	Commercial ³	Choice ²	Good ²	Commercial ³		Choice ²	Good ²	Commercial ³	Choice ²	Good ²	Commercial ³
	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>		<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>	<i>Dol-</i> <i>lars</i>
1939.....	16.94	15.46	14.13	17.47	16.18	14.51	1944....	20.88	19.88	17.88	21.90	20.90	18.90
1940.....	17.67	16.11	14.34	18.75	17.05	15.02	1945....	20.88	19.88	17.88	22.00	21.00	19.00
1941.....	18.52	17.18	15.72	19.40	18.21	16.16	1946....	29.98	27.81	23.16	31.38	29.31	24.81
1942.....	21.30	19.98	18.28	22.59	21.44	19.47	1947....	44.28	41.46	35.70	44.63	42.02	36.74
1943.....	21.62	20.62	18.65	22.66	21.66	19.66	1948....	53.58	50.03	45.08	52.45	49.89	45.02

¹ These average prices are based on the mean of daily range of quotations.² Carcass weights 500-600 pounds.³ Carcass weights 400-600 pounds. The grade "Commercial" was designated as "Medium" prior to August 1939.⁴ 7-month average.

Production and Marketing Administration. Data for 1931-38 in Agricultural Statistics, 1941, tables 471 and 472.

TABLE 446.—Hogs, including pigs: Number and value on farms, Jan. 1, and pig crop, United States, 1930-49

Year	Hogs on farms				Pig crop				
	Number Jan. 1	Farm value		Sows farrowing		Pigs saved ¹			
		Per head	Total	Spring	Fall	Spring	Fall	Total	
	Thousands	Dollars	1,000 dollars	Thousands	Thousands	Thousands	Thousands	Thousands	
1930 ²	32,794								
1930	55,705	13.45	749,481	8,278	4,073	49,332	24,803	74,135	
1931	54,835	11.35	622,239	8,969	4,797	53,984	29,192	83,176	
1932	59,301	6.13	363,315	8,810	5,179	51,031	31,494	82,525	
1933	62,127	4.21	261,730	9,122	5,207	53,460	30,740	84,200	
1934	58,621	4.09	239,541	6,825	2,936	39,698	17,068	56,766	
1935 ²	37,219								
1935	39,066	6.31	246,580	5,467	3,857	32,884	23,260	56,144	
1936	42,975	12.71	546,180	6,954	3,957	41,422	24,303	65,725	
1937	43,083	11.89	512,072	6,177	3,845	38,525	23,994	62,519	
1938	44,525	11.26	501,462	6,795	4,517	43,289	28,566	71,855	
1939	50,012	11.18	559,274	8,692	5,352	53,238	33,714	86,952	
1940 ²	34,037								
1940	61,165	7.78	475,866	8,247	4,763	49,584	30,282	79,866	
1941	54,353	8.34	453,081	7,760	5,535	49,368	35,584	84,952	
1942	60,607	15.60	944,907	9,684	6,840	61,093	43,810	104,903	
1943	73,881	22.50	1,662,381	12,174	7,565	74,223	47,584	121,807	
1944	83,741	17.50	1,466,666	9,246	4,882	55,754	30,905	86,659	
1945 ²	46,735								
1945	59,331	20.60	1,223,629	8,298	5,426	52,189	34,593	86,782	
1946	61,301	23.90	1,468,123	8,109	4,713	52,392	30,548	82,940	
1947	56,921	36.00	2,049,066	8,652	4,907	52,802	31,945	84,147	
1948	55,028	42.80	2,356,160	7,964	5,169	51,266	33,995	85,261	
1949 ³	57,139	38.20	2,183,697						

¹ Pigs raised to weaning age or living on June 1 or Dec. 1, respectively.

² Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. 1930 and 1940 figures exclude spring-born pigs.

³ Preliminary.

Bureau of Agricultural Economics. Data for hogs on farms, 1900-29, in Agricultural Statistics, 1942, table 508; for pig crop, 1924-29, table 509.

TABLE 447.—Hogs, by classes: Number on farms, Jan. 1, 1930-49, and number 6 months old and over on farms, June 1, 1935-49

Year	Under 6 months	6 months old and over		Total	Hogs 6 months old and over, June 1	Year	Under 6 months	6 months old and over		Total	Hogs 6 months old and over, June 1
		Sows and gilts	Other					Sows and gilts	Other		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1930	24,685	9,640	21,580	55,705		1940	30,044	9,413	21,708	61,165	27,168
1931	24,338	9,776	20,721	54,835		1941	26,328	8,565	19,460	54,353	24,647
1932	27,340	9,768	22,193	59,301		1942	31,090	10,699	18,818	60,607	28,841
1933	29,719	9,975	22,433	62,127		1943	38,401	13,334	22,146	73,881	36,257
1934	27,581	8,654	22,386	58,621		1944	42,337	10,825	30,579	83,741	34,500
1935	15,425	6,078	17,653	39,066	19,228	1945	27,212	9,223	22,896	59,331	25,566
1936	20,024	7,714	15,237	42,975	20,774	1946	30,035	9,411	21,855	61,301	22,959
1937	21,234	7,104	14,745	43,083	20,153	1947	26,800	9,616	20,505	56,921	24,220
1938	21,025	7,560	15,940	44,925	20,193	1948	27,258	8,804	18,966	55,028	23,746
1939	25,111	9,460	15,441	50,012	24,314	1949 ¹	29,449	9,998	17,692	57,139	22,946

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 448.—Hogs, including pigs: Number on farms and value, by States, Jan. 1, average 1938-47, annual 1948 and 1949

State and division	Number			Farm value					
	Average 1938-47	1948	1949 ¹	Value per head			Total value		
				Average 1938-47	1948	1949 ¹	Average 1938-47	1948	1949 ¹
Thous- ands	Thous- ands	Thous- ands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	51	40	38	15.80	30.30	31.60	798	1,212	1,201
New Hampshire.....	21	16	16	16.60	33.10	30.80	352	530	493
Vermont.....	29	22	22	14.90	30.00	28.80	417	660	634
Massachusetts.....	104	91	94	17.20	36.90	35.90	1,786	3,358	3,375
Rhode Island.....	9	10	10	19.00	39.10	36.20	184	391	362
Connecticut.....	33	34	36	17.50	35.30	33.10	611	1,200	1,192
New York.....	292	221	236	16.20	34.30	35.70	4,676	7,580	8,425
New Jersey.....	104	81	79	17.30	36.00	36.00	1,774	2,916	2,844
Pennsylvania.....	784	711	718	16.30	38.20	35.30	12,736	27,160	25,345
North Atlantic.....	1,427	1,226	1,249	16.40	36.70	35.10	23,334	45,007	43,871
Ohio.....	3,237	3,024	3,054	15.40	35.20	33.60	50,057	106,445	102,614
Indiana.....	4,088	3,992	4,192	16.80	41.60	36.20	69,755	166,067	151,750
Illinois.....	5,800	5,657	5,714	19.80	46.70	42.60	118,181	264,182	243,416
Michigan.....	993	752	820	16.50	39.10	36.00	16,313	29,403	29,520
Wisconsin.....	1,815	1,557	1,619	18.70	47.60	42.50	34,160	74,113	68,808
East North Central.....	15,933	14,982	15,399	17.80	42.70	38.70	288,466	640,210	596,108
Minnesota.....	3,796	3,113	3,331	21.90	55.70	47.70	85,273	173,394	158,889
Iowa.....	10,669	9,941	10,836	22.50	55.80	47.10	248,644	554,708	510,376
Missouri.....	3,876	3,533	3,851	15.90	38.30	35.90	62,520	135,314	138,251
North Dakota.....	594	411	444	22.10	57.80	48.80	13,981	23,756	21,667
South Dakota.....	1,536	1,599	1,551	23.00	61.40	52.60	39,109	98,179	81,583
Nebraska.....	2,604	2,403	2,403	21.10	55.10	45.70	58,700	132,405	109,817
Kansas.....	1,510	1,094	1,203	16.00	40.40	35.40	24,454	44,198	42,586
West North Central.....	24,584	22,094	23,619	20.90	52.60	45.00	532,680	1,161,954	1,063,169
North Central.....	40,517	37,076	39,018	19.70	48.60	42.50	821,146	1,802,164	1,659,277
Delaware.....	39	39	36	13.80	32.10	30.60	524	1,252	1,102
Maryland.....	248	254	257	12.80	30.90	30.80	3,200	7,849	7,916
Virginia.....	762	775	767	12.80	28.50	27.90	9,793	22,088	21,399
West Virginia.....	264	290	284	13.00	28.30	28.30	3,514	8,207	8,037
North Carolina.....	1,197	1,191	1,167	14.40	30.40	29.10	17,158	36,206	33,960
South Carolina.....	658	713	620	12.50	25.70	25.30	8,268	18,324	15,686
Georgia.....	1,701	1,654	1,604	11.10	24.30	24.30	19,065	40,192	38,977
Florida.....	641	640	666	8.82	23.40	21.70	5,764	14,976	14,452
South Atlantic.....	5,510	5,556	5,401	12.10	26.80	26.20	67,285	149,094	141,529
Kentucky.....	1,447	1,499	1,619	13.50	35.30	31.60	19,922	52,915	51,160
Tennessee.....	1,336	1,308	1,269	13.00	31.60	29.90	17,421	41,333	37,943
Alabama.....	1,198	1,113	1,124	11.60	25.70	25.70	13,943	28,604	28,887
Mississippi.....	1,111	1,016	975	10.90	24.60	24.60	12,122	24,994	23,985
Arkansas.....	1,205	985	946	10.70	27.10	25.80	12,600	26,694	24,407
Louisiana.....	874	724	724	9.72	21.70	21.00	8,320	15,711	15,204
Oklahoma.....	1,047	731	819	11.80	31.20	27.60	12,029	22,807	22,604
Texas.....	2,121	1,736	1,701	12.80	31.80	27.30	27,037	55,205	46,437
South Central.....	10,340	9,112	9,177	12.00	29.40	27.30	123,393	268,263	250,627
Montana.....	218	194	229	17.60	45.00	41.60	4,082	8,730	9,526
Idaho.....	387	206	227	16.70	45.20	36.00	5,938	9,311	8,172
Wyoming.....	89	76	90	17.00	39.80	35.60	1,610	3,025	3,195
Colorado.....	399	304	334	15.90	43.60	34.80	6,327	13,254	11,623
New Mexico.....	105	60	72	14.70	35.90	29.50	1,491	2,154	2,124
Arizona.....	48	32	27	16.40	38.30	35.30	771	1,226	953
Utah.....	116	85	98	14.20	41.10	38.40	1,606	3,494	3,763
Nevada.....	26	25	28	16.90	45.40	41.10	437	1,135	1,151
Washington.....	276	165	168	17.00	44.80	39.50	4,400	7,392	6,636
Oregon.....	267	164	184	15.60	39.20	35.40	3,909	6,429	6,514
California.....	860	747	837	17.60	47.60	41.60	14,816	35,482	34,736
Western.....	2,789	2,058	2,294	16.70	44.50	38.50	45,288	91,632	88,393
United States.....	60,584	55,028	57,139	17.50	42.80	38.20	1,080,446	2,356,160	2,183,697

¹ Preliminary.
Bureau of Agricultural Economics.

TABLE 449.—Pig crop, by States, 1947 and 1948

State and division	Sows farrowing				Pigs saved					
	1947		1948 ¹		1947			1948 ¹		
	Spring	Fall	Spring	Fall	Spring	Fall	Total	Spring	Fall	Total
Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	6	4	4	4	39	31	70	28	26	54
New Hampshire.....	2	1	1	1	14	9	23	10	10	20
Vermont.....	4	2	3	2	23	15	38	23	17	40
Massachusetts.....	13	8	11	9	65	47	112	59	55	114
Rhode Island.....	1	1	1	1	6	5	11	5	6	11
Connecticut.....	4	4	5	4	27	24	51	28	28	56
New York.....	32	21	31	22	227	153	380	217	161	378
New Jersey.....	14	8	13	9	92	55	147	86	57	143
Pennsylvania.....	81	70	79	73	526	483	1,009	529	504	1,033
North Atlantic.....	157	119	148	125	1,019	822	1,841	985	864	1,849
Ohio.....	428	342	381	352	2,731	2,302	5,033	2,617	2,471	5,088
Indiana.....	570	473	502	516	3,500	3,084	6,584	3,373	3,473	6,846
Illinois.....	909	527	836	527	5,436	3,373	8,809	5,409	3,510	8,919
Michigan.....	110	77	98	83	705	520	1,225	678	569	1,247
Wisconsin.....	296	147	296	153	1,906	979	2,885	1,989	1,043	3,032
East North Central.....	2,313	1,566	2,113	1,631	14,278	10,258	24,536	14,066	11,066	25,132
Minnesota.....	694	209	611	217	4,213	1,294	5,507	3,880	1,428	5,308
Iowa.....	1,962	659	1,707	778	12,027	4,132	16,159	11,334	5,135	16,469
Missouri.....	481	375	457	398	3,045	2,520	5,565	3,066	2,738	5,804
North Dakota.....	108	14	103	16	687	89	776	664	103	767
South Dakota.....	364	46	313	46	2,115	276	2,391	1,856	288	2,144
Nebraska.....	487	130	424	140	2,864	788	3,652	2,599	875	3,474
Kansas.....	170	101	146	109	1,080	661	1,741	949	713	1,662
West North Central.....	4,266	1,534	3,761	1,704	26,031	9,760	35,791	24,348	11,280	35,628
North Central.....	6,579	3,100	5,874	3,335	40,309	20,018	60,327	38,414	22,346	60,760
Delaware.....	3	4	4	4	20	27	47	23	23	46
Maryland.....	30	27	30	25	198	184	382	198	168	366
Virginia.....	84	85	88	82	538	561	1,099	572	566	1,138
West Virginia.....	24	25	25	24	163	178	341	182	170	352
North Carolina.....	134	109	127	106	831	698	1,529	900	689	1,489
South Carolina.....	93	86	90	77	530	507	1,037	540	485	1,025
Georgia.....	197	178	187	171	1,162	1,068	2,230	1,103	1,043	2,146
Florida.....	105	84	102	86	514	445	959	551	447	998
South Atlantic.....	670	598	653	575	3,956	3,668	7,624	3,969	3,591	7,560
Kentucky.....	155	140	166	158	976	938	1,914	1,112	1,059	2,171
Tennessee.....	133	134	133	123	838	898	1,736	851	836	1,687
Alabama.....	115	103	109	114	702	639	1,341	654	718	1,372
Mississippi.....	103	86	106	83	566	464	1,030	572	456	1,028
Arkansas.....	109	89	106	90	654	552	1,206	647	567	1,214
Louisiana.....	112	92	108	90	582	488	1,070	562	486	1,048
Oklahoma.....	90	85	92	97	558	561	1,119	580	640	1,220
Texas.....	186	179	199	179	1,116	1,128	2,244	1,234	1,146	2,380
South Central.....	1,003	908	1,019	934	5,992	5,668	11,660	6,212	5,908	12,120
Montana.....	25	16	27	19	160	107	267	167	125	292
Idaho.....	27	20	29	20	178	128	306	188	130	318
Wyoming.....	12	9	12	10	78	55	133	72	66	138
Colorado.....	37	26	43	31	226	169	395	245	198	443
New Mexico.....	9	6	11	6	50	37	87	66	39	105
Arizona.....	9	3	3	2	20	15	35	20	13	33
Utah.....	12	9	16	11	78	60	138	106	72	178
Nevada.....	3	2	4	2	19	11	30	21	13	34
Washington.....	20	15	21	16	136	110	246	145	110	255
Oregon.....	25	17	27	18	175	117	292	186	124	310
California.....	70	59	77	65	406	360	766	470	396	866
Western.....	243	182	270	200	1,526	1,169	2,695	1,686	1,286	2,972
United States.....	8,652	4,907	7,964	5,169	52,802	31,345	84,147	51,266	33,995	85,261

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 450.—Hogs: Number in specified countries, average 1936-40, annual 1944-48

Continent and country	Month of estimate ¹	Average 1936-40	1944	1945	1946	1947	1948 ²
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
North America:							
Canada	Dec. 1 ¹	4, 078	9, 473	7, 636	5, 853	5, 459	5, 381
El Salvador	July	559	503	382		283	
Guatemala	July	213	240				1 374
Honduras	July	235	258		318		
Mexico	Dec. 1 ¹	4 4, 965	5, 255	5, 329	5, 309	5, 314	
Nicaragua		³ 250	225				250
United States	Jan. 1	48, 352	83, 741	59, 331	61, 301	56, 921	55, 028
Cuba	Dec. 31 ¹	³ 904			1, 620		1, 700
Estimated total		61, 300	102, 400	76, 400	76, 700	72, 100	70, 200
Europe:							
Austria	Dec. 1 ¹	³ 2, 849	1, 872	1, 697	⁶ 1, 030	⁶ 1, 490	⁶ 1, 724
Belgium	Jan. 1	1, 005	⁶ 485	⁶ 635	⁶ 735	⁶ 776	⁶ 648
Bulgaria ⁷	Dec. 31 ¹	³ 833	700	800	800	870	825
Czechoslovakia ⁸	Jan. 1	³ 3, 174	3, 256	3, 097	2, 362	2, 944	2, 670
Denmark	Jan.	2, 997	2, 291	1, 819	¹ 1, 810	¹ 1, 687	¹ 1, 604
Eire	June	978	381	426	479	457	457
Finland	Mar. 1	¹⁰ 485	364	229	254	335	304
France	Fall ¹	7, 034	⁶ 4, 204	⁶ 4, 080	⁶ 4, 386	⁶ 5, 335	⁶ 5, 678
Germany ¹¹	Dec. 1 ¹	³ 18, 721	13, 029			⁶ 8, 453	⁶ 7, 400
Greece	Dec. 31 ¹	³ 532		300	330	400	
Hungary	Spring	3, 620	4, 099	⁶ 1, 114	⁶ 1, 315	2, 119	2, 499
Italy	July	¹² 3, 095		3, 036	3, 000	3, 500	
Luxembourg	Dec. 1 ¹	148	100	60	88	95	100
Netherlands	Dec. 1 ¹	1, 725	846		981	1, 062	937
Norway	June 20	393	220	195	257	259	248
Poland ¹³	June 30	¹⁴ 9, 684			4, 000		
Portugal	Dec. 31 ¹	¹⁵ 1, 206	1, 200	1, 100			1, 200
Rumania ¹⁶	Dec. 31 ¹	¹⁷ 2, 431		1, 100	1, 389	1, 384	1, 459
Spain	Dec. 31 ¹	¹⁴ 4, 944		5, 000	4, 676		
Sweden	Summer	1, 292	1, 054	1, 079	1, 166	1, 182	1, 194
Switzerland	April	915	600	698	654	710	767
United Kingdom	June	4, 380	1, 867	2, 152	1, 959	1, 628	2, 150
Yugoslavia	Dec. 31 ¹	3, 238					
Estimated total		75, 700	52, 200	48, 200	42, 900	49, 000	51, 100
Soviet Union ¹⁸	Jan. 1	¹⁴ 32, 300			10, 400	8, 600	
Asia:							
British Malaya		746					
Burma	Dec. 31 ¹	538	554		258	309	402
China ¹⁸	May	63, 000	56, 000	55, 000	54, 500	59, 000	
India	Dec. 31 ¹	¹⁹ 2, 777		3, 365			
Japan	Dec. 31 ¹	958	310	250	88	100	150
Formosa	Dec. 31 ¹	1, 803	1, 257		1, 086		
Korea	Dec. 31 ¹	1, 605					
Netherlands Indies	Dec. 31 ¹	¹⁴ 1, 131				1, 143	
Philippine Islands	Jan. 1	²⁰ 4, 349					
Estimated total		83, 900	73, 200	70, 600	70, 500	75, 600	75, 700
South America:							
Argentina	July	³ 3, 674	8, 800	8, 010	4, 000	²¹ 2, 981	2, 500
Brazil	Sept.	³ 23, 224		24, 243	23, 815	24, 000	23, 000
Chile	June	³ 420	452				572
Colombia	Dec. 31 ¹	³ 1, 572	1, 717			1, 679	
Ecuador		³ 350			600		
Peru		²² 800			777	752	
Uruguay	May	³ 373	1 261		273	250	250
Estimated total		31, 300	38, 800	37, 400	33, 000	32, 300	30, 800
Africa:							
Algeria	Nov. 1 ¹	58	154	135	95		95
Nyasaland	Dec. 31 ¹	65	50	48	54		
French Morocco ²³	Dec. 31 ¹	64	146	95			
Madagascar ²³	Dec. 31 ¹	578	534	449	421	396	410
Mozambique	Dec. 31 ¹	70	52	61	55	57	60
Northern Rhodesia	Dec. 31 ¹	29	38	46	39	55	58
Angola		¹⁴ 410		484			
Southern Rhodesia	Dec. 31 ¹	115	150	146	134	143	117
Tunisia	Dec. 31 ¹	24	25	23	23	21	
Union of South Africa	August	³ 1, 007	1, 200	1, 100	1, 118	1, 150	1, 200
Estimated total		3, 400	3, 900	3, 700	3, 600	3, 700	3, 800

See footnotes at end of table.

TABLE 450.—Hogs: Number in specified countries, average 1936-40, annual 1944-48—Continued

Continent and country	Month of estimate ¹	Average 1936-40	1944	1945	1946	1947	1948 ²
Oceania:							
Australia.....	Mar. 1.....	Thousands 1, 242	Thousands 1, 747	Thousands 1, 631	Thousands 1, 426	Thousands 1, 273	Thousands 1, 255
New Zealand.....	Jan. 31.....	753	573	594	549	546	548
Estimated total.....		2, 200	2, 500	2, 400	2, 200	2, 000	2, 000
Estimated world total.....		290, 100	281, 200	247, 700	239, 300	243, 300	245, 600

¹ End of year estimates (October to December) included under following year for comparisons and totals. Thus for Canada the December 1943 estimate of 9,473,000 is shown under 1944. ² Preliminary. ³ Average for 2 to 4 years only. ⁴ June. ⁵ Census, July 1, 1946. ⁶ Official statistics; may be an under-estimate of actual numbers. ⁷ Includes Southern Dobrudja, beginning 1944, Years 1944-46 adjusted to make comparable series. ⁸ Present territory; excludes Sub-Carpathian Russia. ⁹ Includes also number of hogs in parishes and boroughs, which totaled 27,000 head in 1947. ¹⁰ September. ¹¹ Totals for 4 zones of occupation. ¹² March. ¹³ Present territory. ¹⁴ Census or estimate for single year. ¹⁵ Census Dec. 31, 1934. ¹⁶ Present territory; excludes Southern Dobrudja. ¹⁷ Averages for years 1930-39. ¹⁸ Includes China Proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan). ¹⁹ Census 1940. ²⁰ Census January 1, 1939. ²¹ Census May 10-12, 1947. ²² Year 1934. ²³ Number taxed only.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of the U. S. Foreign Service officers, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 451.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1930-48

Year	Market-ings ¹	Shipped in for feeding and breeding ²	Farm slaughter	Quantity produced (live weight) ³	Value of production ³	Cash receipts from sales of hogs, pork, and lard ⁴	Value of hogs slaughtered for home consumption	Gross income ⁴	Cost of hogs shipped in for feeding and breeding ²	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1930.....	53,796	477	13,540	15,175,728	1,340,302	1,135,500	233,218	1,368,718	5,500	8.84
1931.....	55,972	1,366	14,338	16,541,384	966,570	774,228	175,541	949,769	10,944	5.73
1932.....	55,844	477	15,580	16,367,644	561,989	444,592	112,589	557,181	2,623	3.34
1933 ⁵	65,661	1,454	15,244	16,566,123	602,150	523,866	107,624	631,490	7,741	3.53
1934 ⁶	55,750	1,237	15,110	12,384,760	520,147	520,339	125,353	645,692	8,044	4.14
1935.....	32,749	481	13,348	10,672,798	905,973	681,804	208,191	889,995	5,293	8.65
1936.....	44,809	639	14,295	12,975,986	1,196,314	991,086	243,075	1,234,161	6,903	9.37
1937.....	40,665	367	13,333	12,506,271	1,176,449	924,965	235,942	1,160,907	4,007	9.50
1938.....	46,089	516	13,325	14,372,173	1,105,438	870,207	194,972	1,065,179	4,724	7.74
1939.....	52,906	637	13,980	17,078,849	1,066,050	809,615	171,091	980,706	4,892	6.23
1940.....	64,262	607	14,155	17,044,404	919,927	835,618	148,547	984,165	4,233	5.39
1941.....	57,695	741	12,789	17,489,485	1,576,855	1,302,404	215,795	1,518,199	7,621	9.09
1942.....	67,423	600	12,533	21,105,133	2,784,255	2,198,015	309,415	2,507,430	8,642	13.00
1943.....	83,187	771	14,016	25,374,715	3,466,520	2,929,215	372,797	3,302,012	11,645	13.70
1944.....	86,331	658	13,551	20,582,873	2,674,178	2,801,256	332,635	3,133,891	9,337	13.10
1945.....	90,959	464	13,631	19,095,526	2,672,024	2,297,202	376,754	2,673,956	7,144	14.00
1946.....	64,370	464	13,850	19,041,127	3,321,243	2,961,234	488,112	3,449,346	8,794	17.50
1947.....	63,524	497	12,781	18,666,554	4,477,061	4,004,995	629,811	4,634,806	12,815	24.10
1948 ⁶	61,833	457	12,267	18,789,312	4,334,137	3,727,649	592,046	4,319,695	11,372	23.10

¹ Excludes interfarm sales.

² Includes hogs shipped in from other States and from central markets but excludes intrastate shipments.

³ Adjustments were made for hogs shipped in and changes in inventory.

⁴ No adjustments made for cost of hogs shipped in and changes in inventory values. Gross income is "Cash income from sales of hogs, pork, and lard" plus "Value of hogs slaughtered for home consumption." ⁵ Includes Government purchases. ⁶ Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 514.

TABLE 452.—Hogs: Production, disposition, cash receipts and gross income, by States, 1947

State and division	Mar- ketings (¹)	Shipped in for feeding and breed- ing ²	Farm slaugh- ter	Quan- tity produced (live weight) ³	Value of pro- duction ³	Cash receipts from sales of hogs, pork, and lard ⁴	Value of hogs slaugh- tered for home consum- ption	Gross income ⁴	Cost of hogs shipped in for feeding and breed- ing ²
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	25		31	14,975	3,339	2,673	988	3,661	-----
New Hampshire.....	9		11	5,120	1,132	902	386	1,288	-----
Vermont.....	10		22	8,250	1,798	1,217	763	1,980	-----
Massachusetts.....	63	1	28	22,700	5,062	4,356	1,012	5,368	24
Rhode Island.....	7		3	2,585	564	485	98	583	-----
Connecticut.....	31		16	10,820	2,402	2,040	554	2,594	-----
New York.....	141	1	215	81,435	18,974	13,140	7,977	21,117	25
New Jersey.....	128	32	33	30,135	7,413	7,669	1,169	8,838	1,002
Pennsylvania.....	505	2	400	213,823	53,456	40,233	16,575	56,808	53
North Atlantic.....	919	36	759	389,843	94,140	72,715	29,522	102,237	1,104
Ohio.....	4,141	9	425	1,033,348	259,370	241,992	23,666	265,658	251
Indiana.....	5,611	19	370	1,453,074	361,815	349,208	20,729	369,937	527
Illinois.....	7,489	54	480	2,014,598	489,547	479,505	26,769	506,274	1,533
Michigan.....	969	17	215	258,485	62,553	59,096	8,377	67,473	437
Wisconsin.....	2,258	5	360	647,960	156,806	144,423	16,030	160,453	128
East North Central	20,468	104	1,850	5,407,465	1,330,091	1,274,224	95,571	1,369,795	2,876
Minnesota.....	4,882	21	380	1,344,428	322,663	315,668	20,110	335,778	536
Iowa.....	14,708	61	470	3,967,717	944,317	957,321	26,567	983,888	1,543
Missouri.....	4,447	50	560	1,224,253	298,718	272,363	32,752	305,115	1,166
North Dakota.....	593	4	180	178,626	41,620	37,312	8,115	45,427	89
South Dakota.....	2,205	10	114	597,077	140,313	141,949	6,489	148,438	225
Nebraska.....	3,182	10	200	913,579	215,605	210,220	11,883	222,103	251
Kansas.....	1,482	24	190	400,330	99,682	93,639	11,563	105,202	634
West North Central	31,499	180	2,094	8,626,010	2,062,918	2,028,472	117,479	2,145,951	4,444
North Central.....	51,967	284	3,944	14,033,475	3,393,009	3,302,696	213,050	3,515,746	7,320
Delaware.....	15		20	8,645	1,962	1,077	818	1,895	-----
Maryland.....	203		113	68,655	16,889	11,407	5,449	16,856	-----
Virginia.....	379	2	550	231,629	56,054	28,624	28,760	57,374	51
West Virginia.....	86		200	76,459	18,044	7,585	10,837	18,422	-----
North Carolina.....	324	3	880	299,210	68,220	27,812	41,131	68,943	66
South Carolina.....	410	1	415	193,505	44,119	23,121	20,438	43,559	22
Georgia.....	955	1	910	381,105	86,511	49,956	39,506	89,462	22
Florida.....	445	1	250	111,742	23,354	18,530	5,487	24,017	20
South Atlantic.....	2,817	8	3,338	1,370,950	315,153	168,112	152,416	320,528	181
Kentucky.....	1,010	11	570	383,315	93,912	58,657	35,638	94,295	257
Tennessee.....	907	14	560	355,967	85,788	54,491	33,079	87,570	394
Alabama.....	622	1	580	260,495	56,006	32,562	25,969	58,531	28
Mississippi.....	337	2	620	205,985	43,669	19,890	25,999	45,889	54
Arkansas.....	656	3	405	231,505	51,626	35,832	18,040	53,872	71
Louisiana.....	546	1	340	161,460	33,422	25,206	9,853	35,059	33
Oklahoma.....	667	38	335	234,255	56,690	39,395	19,336	58,731	879
Texas.....	1,172	33	830	473,615	111,300	72,448	43,935	116,383	784
South Central.....	5,917	103	4,240	2,306,597	532,413	338,481	211,849	550,330	2,500
Montana.....	178	2	70	60,365	14,669	11,832	3,402	15,234	52
Idaho.....	220	1	50	64,235	16,187	13,646	2,785	16,431	27
Wyoming.....	89	1	29	28,263	6,840	5,482	1,352	6,834	26
Colorado.....	261	1	70	87,307	21,478	17,514	3,805	21,319	26
New Mexico.....	40		9	18,125	4,422	3,222	1,686	4,908	-----
Arizona.....	29		36	6,839	1,696	1,371	341	1,712	-----
Utah.....	89	2	26	27,773	6,443	5,259	1,056	6,315	49
Nevada.....	18		7	5,832	1,382	1,077	274	1,351	-----
Washington.....	161	25	82	54,149	14,133	12,119	3,338	15,457	690
Oregon.....	220	17	61	64,560	16,850	15,673	2,149	17,822	469
California.....	599	17	60	148,241	38,246	35,796	2,786	38,582	371
Western.....	1,904	66	500	565,689	142,346	122,991	22,974	145,965	1,710
United States.....	63,524	497	12,781	18,666,554	4,477,061	4,004,995	620,811	4,634,806	12,815

Footnotes 1, 2, 3, and 4 are the same as those in table 451.
Bureau of Agricultural Economics.

TABLE 453.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1948 (preliminary)

State and division	Mar- ketings (¹)	Shipped in for feeding and breed- ing ²	Farm slaugh- ter	Quan- tity produced (live weight) ³	Value of pro- duction ⁴	Cash receipts from sales of hogs, pork, and lard ⁴	Value of hogs slaugh- tered for home consump- tion	Gross income ⁴	Cost of hogs shipped in for feeding and breed- ing ³
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	18		26	12,177	2,764	2,095	909	3,004	
New Hampshire.....	6		10	4,450	1,019	747	378	1,125	
Vermont.....	14		21	9,131	2,054	1,408	808	2,216	
Massachusetts.....	58		28	21,620	5,016	4,075	1,013	5,088	
Rhode Island.....	7		3	2,395	556	497	110	607	
Connecticut.....	27		16	10,355	2,423	1,920	572	2,492	
New York.....	131	3	195	81,006	19,036	12,302	7,298	19,600	75
New Jersey.....	117	18	29	28,240	7,116	6,937	1,030	7,967	577
Pennsylvania.....	569		350	218,977	54,306	41,933	14,670	56,603	
North Atlantic.....	947	21	678	388,351	94,290	71,914	26,788	98,702	652
Ohio.....	4,130	7	405	1,042,973	250,314	229,796	21,987	251,783	187
Indiana.....	5,709	13	350	1,514,164	357,343	336,572	18,585	355,157	343
Illinois.....	7,472	60	460	2,061,552	482,403	457,428	24,703	482,131	1,643
Michigan.....	840	21	205	249,165	57,806	49,460	7,824	57,284	519
Wisconsin.....	2,316	4	348	678,410	156,713	141,218	15,113	156,331	98
East North Central.....	20,467	105	1,768	5,546,264	1,304,579	1,214,474	88,212	1,302,686	2,790
Minnesota.....	4,260	15	370	1,253,314	285,756	263,064	18,601	281,665	365
Iowa.....	13,637	83	480	3,967,080	904,494	856,760	25,992	882,752	2,017
Missouri.....	4,332	41	520	1,267,745	295,385	257,020	29,612	286,632	915
North Dakota.....	469	5	190	172,888	37,862	28,627	8,239	36,866	105
South Dakota.....	1,875	7	114	523,730	117,839	113,936	6,214	120,150	151
Nebraska.....	2,974	10	190	866,900	196,786	186,386	10,858	197,244	242
Kansas.....	1,203	20	190	367,869	86,817	72,602	11,170	83,772	502
West North Central.....	28,750	181	2,054	8,419,526	1,924,939	1,778,395	110,686	1,889,081	4,297
North Central.....	49,217	286	3,822	13,965,790	3,229,518	2,992,869	198,898	3,191,767	7,087
Delaware.....	24		19	9,141	2,102	1,478	770	2,248	
Maryland.....	201		108	69,114	16,449	11,432	5,038	16,470	
Virginia.....	430	1	565	260,270	57,562	30,378	29,629	60,007	24
West Virginia.....	125		190	83,018	19,177	9,561	10,257	19,818	
North Carolina.....	506	1	800	296,572	67,322	34,774	35,739	70,513	22
South Carolina.....	597	2	355	205,377	45,388	31,662	16,593	48,255	42
Georgia.....	927	1	860	358,775	77,854	46,353	34,898	81,251	21
Florida.....	512		235	121,751	24,715	19,511	5,176	24,637	
South Atlantic.....	3,322	5	3,132	1,394,018	310,569	185,149	138,100	323,249	109
Kentucky.....	1,239	13	570	440,125	104,750	67,943	35,218	103,161	296
Tennessee.....	960	15	560	372,436	86,033	55,411	32,818	88,229	406
Alabama.....	615		540	262,783	55,710	31,754	25,300	57,054	
Mississippi.....	316	2	605	201,289	43,478	19,543	26,411	45,954	55
Arkansas.....	656	3	415	236,925	52,834	36,068	18,879	54,947	71
Louisiana.....	545	2	330	161,405	34,056	25,203	9,748	34,951	68
Oklahoma.....	696	34	310	248,598	58,172	40,104	16,643	56,752	762
Texas.....	1,339	24	800	511,791	116,688	79,752	41,086	120,838	554
South Central.....	6,366	93	4,130	2,435,352	551,721	355,778	206,108	561,886	2,212
Montana.....	155	1	68	57,980	13,567	9,682	3,118	12,800	25
Idaho.....	224	4	51	67,301	16,489	13,358	2,708	16,066	104
Wyoming.....	88	1	30	29,035	6,823	5,218	1,359	6,577	25
Colorado.....	298	1	73	96,725	22,730	18,689	3,573	22,262	25
New Mexico.....	51		33	21,443	5,232	3,339	1,610	4,949	
Arizona.....	26		8	6,849	1,630	1,566	303	1,869	
Utah.....	119	1	27	34,486	8,242	6,928	1,129	8,057	25
Nevada.....	17		9	6,214	1,479	1,042	353	1,395	
Washington.....	162	16	82	54,418	13,877	11,597	3,194	14,791	432
Oregon.....	211	15	65	66,000	16,632	14,433	2,260	16,693	400
California.....	630	13	59	165,350	41,338	36,087	2,545	38,632	276
Western.....	1,981	52	505	605,801	148,039	121,939	22,152	144,091	1,312
United States.....	61,833	457	12,267	18,789,312	4,334,137	3,727,649	592,046	4,319,695	11,372

Footnotes 1, 2, 3, and 4 are the same as those in table 451.
Bureau of Agricultural Economics.

TABLE 454.—Hogs: Receipts at public stockyards and direct receipts at interior markets, 1939-48

Year	Receipts at public stockyards												Direct receipts in interior Iowa and southern Minnesota ³
	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Louis Natl. Stock Yds.	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets ²	All others report- ing	Total, 66 mar- kets re- porting ²	
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1939	4,264	342	355	519	1,629	2,626	822	2,205	1,203	13,966	14,008	27,974	8,128
1940	5,385	568	447	720	2,062	3,265	1,131	2,960	1,710	18,248	16,308	34,556	10,135
1941	4,634	488	520	631	1,700	2,896	886	2,559	1,399	15,713	14,946	30,659	9,705
1942	5,338	685	697	711	2,218	2,982	1,057	3,114	1,629	18,431	15,994	34,415	11,108
1943	5,792	922	1,057	933	3,024	3,335	1,487	3,705	2,228	22,483	18,594	41,077	11,528
1944	6,018	1,051	1,092	1,506	3,495	3,456	1,810	3,374	2,486	24,288	20,223	44,511	12,134
1945	3,516	649	490	504	1,803	1,878	916	1,847	1,355	12,958	12,384	25,342	8,936
1946	3,541	829	573	675	2,142	1,904	1,203	2,127	1,750	14,745	13,720	28,465	8,914
1947	3,318	835	681	671	2,400	2,561	1,288	2,310	1,783	15,848	14,105	29,953	12,424
1948	3,342	897	749	738	2,331	2,681	1,373	2,076	1,812	16,000	14,611	30,611	11,347

TRUCK RECEIPTS

1939	1,962	253	336	494	1,128	2,215	726	1,662	1,080	9,857	9,238	19,095	-----
1940	2,669	330	364	688	1,413	2,757	967	2,311	1,422	12,921	10,632	23,553	-----
1941	2,423	312	432	614	1,023	2,555	761	2,001	1,161	11,282	10,325	21,607	-----
1942	2,629	494	559	648	1,283	2,647	860	2,317	1,319	12,757	11,120	23,877	-----
1943	2,563	702	675	724	1,993	2,793	1,091	2,680	1,836	15,057	12,317	27,374	-----
1944	2,623	712	703	848	2,615	2,774	1,384	2,550	2,213	16,422	13,249	29,671	-----
1945	1,378	290	237	323	1,121	1,393	733	1,413	1,121	8,009	7,271	15,280	-----
1946	1,548	301	298	364	1,471	1,276	877	1,766	1,585	9,481	7,798	17,279	-----
1947	1,713	416	496	478	1,800	2,143	1,002	1,901	1,605	11,554	9,374	20,928	-----
1948	2,151	369	560	561	1,973	2,395	1,101	1,814	1,737	12,661	9,970	22,631	-----

¹ Total rail and truck receipts.² Rounded total of complete figures.³ Covers receipts at 16 to 20 concentration yards and 10 or 11 packing plants in interior Iowa and southern Minnesota prior to 1947. Since January 1947, represents receipts at 14 packing plants and 30 concentration yards. Segregated truck receipts are not available.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-38 in Agricultural Statistics, 1941, table 491.

TABLE 455.—Hogs slaughtered, United States, 1930-48

Year	Feder- ally in- spected	Not federally inspected		Total	Year	Feder- ally in- spected ¹	Not federally inspected		Total
		Other whole- sale, and retail	Farm				Other whole- sale, and retail	Farm	
	Thou- sands	Thou- sands	Thou- sands	Thou- sands		Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930	44,266	9,466	13,540	67,272	1940	50,398	13,057	14,155	77,610
1931	44,772	10,123	13,338	69,233	1941	46,520	12,088	12,789	71,397
1932	45,245	10,600	15,580	71,425	1942	53,897	12,117	12,533	78,547
1933	² 53,637	10,800	15,244	² 79,681	1943	63,431	17,779	14,016	95,226
1934	43,876	9,774	15,110	68,760	1944	69,017	³ 15,500	13,551	98,068
1935	26,057	6,606	13,348	46,011	1945	40,960	³ 17,300	13,631	71,891
1936	36,055	8,380	14,295	58,730	1946	44,394	³ 18,000	13,850	76,244
1937	31,642	8,740	13,333	53,715	1947	49,116	³ 12,813	12,781	74,710
1938	36,186	9,416	13,325	58,927	1948 ⁴	47,615	³ 12,429	12,267	72,311
1939	41,368	11,213	13,980	66,561					

¹ Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.² Includes the 6,410,866 pigs and sows purchased for Government account under the emergency hog production control program during Aug. 18-Oct. 6, 1933.³ Data obtained from reports of slaughterers. ⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 456.—Hogs: Slaughter under Federal inspection, by stations, 1939-48¹

Year	Chicago ²	Denver	Kansas City	New York ³	Omaha ⁴	St. Louis ⁵	Sioux City	So. St. Paul ⁶	All other stations	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1939.....	4,551	246	1,695	2,341	1,699	2,872	1,110	2,326	24,628	41,368
1940.....	5,692	356	2,121	2,453	2,072	3,544	1,624	3,175	29,361	50,398
1941.....	4,896	343	1,900	2,055	1,828	3,350	1,370	2,779	27,998	46,520
1942.....	5,580	530	2,399	2,287	2,523	3,945	1,549	3,256	31,827	53,897
1943.....	6,017	761	2,948	2,576	3,154	4,220	2,010	3,856	37,889	63,431
1944.....	6,488	875	3,254	2,802	3,372	4,800	2,190	3,675	41,561	69,017
1945.....	3,760	492	1,558	1,855	1,783	2,570	1,203	1,707	26,032	40,960
1946.....	3,897	505	1,640	1,964	2,040	2,813	1,393	1,945	28,197	44,394
1947.....	4,050	544	2,126	1,685	2,391	3,322	1,524	2,430	31,044	49,116
1948.....	3,715	404	1,842	1,633	2,137	3,565	1,228	2,087	31,003	47,615

¹ Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

² Includes Elburn, Ill.

³ Includes Jersey City and Newark, N. J.

⁴ Includes Lincoln, Nebr.

⁵ Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

⁶ Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-38 in Agricultural Statistics, 1941, table 500.

TABLE 457.—Hogs slaughtered under Federal inspection, by classes, 1944-48

Year	Barrows and gilts		Sows		Stags and boars	
	Thousands	Percent	Thousands	Percent	Thousands	Percent
1944.....	59,734	86.6	8,862	12.8	421	0.6
1945.....	36,180	88.3	4,570	11.2	211	.5
1946.....	38,840	87.5	5,255	11.8	299	.7
1947.....	42,190	85.9	6,579	13.4	347	.7
1948.....	41,492	87.1	5,785	12.2	337	.7

Production and Marketing Administration.

TABLE 458.—Hogs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds, by seasons, 1939-48¹

Year beginning October—	Number slaughtered			Average live weight			Average cost per 100 pounds, live weight		
	October-April	May-September	October-September	October-April	May-September	October-September	October-April	May-September	October-September
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1939.....	30,443	17,209	47,651	231	239	234	5.53	5.76	5.62
1940.....	31,919	16,081	48,000	231	250	238	6.95	10.16	8.08
1941.....	32,538	19,825	52,363	236	254	243	11.56	14.13	12.58
1942.....	34,909	25,073	59,981	249	266	256	14.51	13.91	14.25
1943.....	48,143	25,199	73,342	244	247	245	13.41	13.21	13.34
1944.....	30,250	13,637	43,888	244	285	257	14.30	14.52	14.38
1945.....	29,319	13,609	42,928	257	265	260	14.63	17.16	15.45
1946.....	30,445	16,619	47,064	250	270	257	23.95	23.41	23.75
1947.....	31,619	16,117	47,736	244	265	251	24.73	24.50	24.65
1948.....	33,277	.....	.....	246	.....	.....	20.98	.....	.....

¹ Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

Production and Marketing Administration. Data for 1937-38 in Agricultural Statistics, 1941, table 498.

In recent years the packer-style carcass weight of hogs has averaged about 68 percent of the live weight, and in 1948 pork, excluding lard, averaged 57 percent of live weight.

TABLE 459.—Hogs: Number slaughtered and total live weight, 1947 and 1948, and average live weight, 1948, by States¹

State	Number slaughtered		Total live weight		Average live weight 1948 ²
	1947	1948 ³	1947	1948 ³	
	Head	Head	1,000 pounds	1,000 pounds	Pounds
New England.....	948,500	793,500	249,046	205,705	259
New York.....	1,509,000	1,568,000	292,779	303,711	194
New Jersey.....	1,084,000	844,000	233,510	170,467	209
Pennsylvania.....	2,676,000	2,497,000	608,411	565,041	209
Ohio.....	3,338,000	3,398,000	777,809	785,070	231
Indiana.....	3,083,000	2,912,000	757,446	715,430	246
Illinois.....	7,102,000	6,878,000	1,811,998	1,765,094	257
Michigan.....	1,493,000	1,654,000	367,445	415,477	251
Wisconsin.....	2,474,000	2,495,000	635,494	638,914	256
Minnesota.....	4,930,000	4,645,000	1,318,348	1,248,992	269
Iowa.....	8,907,000	8,007,000	2,417,724	2,182,804	273
Missouri.....	3,252,000	3,352,000	805,095	839,504	250
North Dakota.....	260,800	270,400	68,805	72,524	269
South Dakota.....	1,806,000	1,926,000	498,473	524,624	272
Nebraska.....	2,528,000	2,255,000	706,098	621,772	276
Kansas.....	3,127,000	2,720,000	796,199	696,006	256
Delaware and Maryland ³	961,600	1,025,300	211,513	226,982	221
Virginia.....	767,000	776,000	161,049	162,518	209
West Virginia.....	116,900	150,000	26,537	36,027	240
North Carolina.....	373,000	357,000	82,320	78,475	220
South Carolina.....	383,000	447,000	81,798	97,965	219
Georgia.....	1,423,000	1,279,000	268,448	245,477	192
Florida.....	529,000	529,000	87,466	83,260	157
Kentucky.....	534,000	608,000	121,436	137,958	226
Tennessee.....	869,000	972,000	194,032	215,753	222
Alabama.....	510,000	528,000	104,361	108,887	206
Mississippi.....	207,700	137,700	45,784	41,049	219
Arkansas.....	275,000	320,000	61,247	70,220	219
Louisiana.....	233,500	219,600	44,995	43,442	198
Oklahoma.....	770,000	881,000	174,507	203,893	231
Texas.....	1,505,000	1,632,000	348,755	380,529	233
Montana.....	138,300	161,200	34,718	38,805	241
Idaho.....	95,500	116,200	22,266	26,877	231
Wyoming.....	18,600	22,400	4,678	5,606	250
Colorado.....	665,000	536,000	174,060	137,580	257
New Mexico.....	37,100	40,000	8,606	9,047	226
Arizona.....	62,900	101,000	14,536	22,934	227
Utah.....	175,400	180,600	42,059	42,469	235
Nevada.....	33,200	22,700	7,939	5,215	230
Washington.....	605,000	608,000	144,153	142,034	234
Oregon.....	365,000	340,000	88,626	79,036	232
California.....	1,757,000	1,789,000	428,130	428,644	239
United States.....	61,929,000	60,043,600	15,328,704	14,828,117	247

¹ Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.

² Preliminary.

³ Includes the District of Columbia.

Bureau of Agricultural Economics.

TABLE 460.—Hogs: slaughter (commercial or inspected) in specified countries, average 1934-38, annual 1945-48

Continent and country	Average 1934-38	1945	1946	1947	1948
North America:	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Canada ¹	3,239	5,682	4,253	4,453	4,486
Mexico ¹	855	989	1,185	1,300	1,330
United States:					
Inspected.....	34,673	40,960	44,394	49,116	47,615
Total.....	57,229	71,891	76,244	74,710	72,311
Cuba ²	270	375	400	385	425
Europe:					
Austria ³			633	892	866
Belgium ³	1,949				1,200
Bulgaria ²	134	119	24	23	
Czechoslovakia ²	⁴ 3,644	1,550	1,736	2,572	2,145
Denmark ²	4,355	1,740	2,043	2,031	1,604
Eire ²	⁵ 1,119	357	467	450	384
Finland ¹	⁷ 216				
Germany-Bizone only ²	⁶ 5,500		402	512	395
Hungary ²	1,434			86	
Netherlands ³	2,133	727	939	979	907
Norway ¹	333	11	28	86	55
Poland ¹	⁴ 6,100		1,247	2,811	3,500
Portugal ¹	225	278	214	258	315
Rumania ²	⁸ 783	36	82		
Spain ⁹	¹⁰ 397	155	76	102	125
Sweden ²	1,396	961	1,054	1,037	1,158
Switzerland ¹	793	264	271	317	500
United Kingdom ² ¹¹	⁶ 5,633	1,648	1,435	801	1,019
Yugoslavia ²	661				
Asia:					
Japan ²	1,150	40	57	96	238
Philippine Islands ²	795	138	387	616	716
South America:					
Argentina ²	1,240	3,493	2,149	901	1,057
Brazil ²	2,960	5,220	5,421	5,256	5,250
Colombia ²	594	567	665	613	500
Uruguay ²	86	143	166	132	144
Africa: Union of South Africa ²	251	598	499	480	619
Oceania:					
Australia ²	⁹ 1,912	1,800	1,646	1,524	1,614
New Zealand ²	¹² 968	654	619	614	641

¹ Inspected slaughter.² Commercial slaughter.³ Total official slaughter.⁴ Year 1936 only for Czechoslovakia and year 1938 only for Poland.⁵ Four-year average only.⁶ Year beginning June 1 for Eire and July 1 for Australia.⁷ Three-year average only.⁸ Average for years 1935-39.⁹ Slaughter in provincial capitals only.¹⁰ Average for years 1931-35.¹¹ Great Britain only.¹² Year ending September 30.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, U. S. Foreign Service reports, and other information. Data relate to present boundaries, unless otherwise noted.

TABLE 461.—*Hogs, barrows and gilts, and sows: Average weight and cost of packer and shipper purchases at Chicago, and at 7 markets combined, crop years 1943-49*

Period	Chicago							Seven markets combined ¹						
	Average live weight			Average cost per 100 pounds (live weight)			Sows as percentage of total	Average live weight			Average cost per 100 pounds (live weight)			Sows as percentage of total
	Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases		Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases	
October-April:	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Pct.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Pct.</i>
1943-44.....	241	427	259	13.74	12.85	13.59	10	232	393	245	13.48	12.62	13.37	8
1944-45.....	238	400	248	14.53	13.94	14.47	6	237	390	247	14.35	13.73	14.28	7
1945-46.....	253	434	264	14.80	14.02	14.73	6	252	420	262	14.60	13.84	14.52	6
1946-47.....	245	432	258	24.16	21.38	23.84	7	245	417	255	24.23	21.54	23.97	6
1947-48.....	250	422	261	24.33	23.09	24.20	7	241	402	251	24.41	23.47	24.32	6
1948-49.....	246	442	258	21.12	18.55	20.85	6	243	423	253	21.01	18.74	20.80	6
May-September:														
1944.....	239	395	267	13.59	12.62	13.33	18	230	354	252	13.36	12.44	13.13	18
1945.....	276	415	295	14.75	14.00	14.60	14	272	391	292	14.57	13.79	14.40	16
1946.....	244	382	279	17.37	18.33	17.70	25	246	359	273	16.84	18.13	17.25	24
1947.....	259	387	298	24.52	21.18	23.21	30	252	373	285	24.39	21.30	23.28	28
1948.....	262	370	289	24.06	23.54	23.89	25	256	364	282	24.26	23.26	23.95	24
October-September:														
1943-44.....	238	396	258	14.07	12.94	13.86	12	235	363	250	13.88	12.80	13.68	12
1944-45.....	248	407	261	14.59	13.97	14.51	8	246	390	259	14.41	13.76	14.32	9
1945-46.....	251	399	269	15.49	16.79	15.73	12	250	380	266	15.20	16.50	15.42	12
1946-47.....	250	399	273	24.27	21.24	23.58	16	248	383	268	24.29	21.36	23.67	15
1947-48.....	254	386	271	24.24	23.38	24.08	13	246	376	262	24.36	23.33	24.17	13

¹ Chicago, St. Louis National Stock Yards, Kansas City, Omaha, Sioux City, South St. Joseph, and South St. Paul.

Production and Marketing Administration.

TABLE 462.—Hog-corn ratios, and average price received by farmers for corn, North Central States and United States, average 1928-47, annual 1939-48

Year	Hog-corn ratios ¹		Price of corn, per bushel ²		Year	Hog-corn ratios ¹		Price of corn, per bushel ²	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
1928-47 average.	12.1	13.2	<i>Cents</i> 81.6	<i>Cents</i> 76.8	1944.....	11.6	12.7	<i>Cents</i> 113	<i>Cents</i> 104
1939.....	13.3	14.9	47.6	42.6	1945.....	12.8	13.8	110	102
1940.....	9.2	9.9	59.0	54.8	1946.....	12.6	13.3	141	134
1941.....	14.2	14.9	64.3	61.6	1947.....	13.6	13.9	187	185
1942.....	16.5	17.6	79.4	75.3	1948.....	13.0	13.2	188	186
1943.....	13.6	14.6	103.0	96.2					

¹ Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is straight average of monthly ratios.

² Straight average of monthly prices.

Bureau of Agricultural Economics.

TABLE 463.—Pork and lard: Wholesale price per 100 pounds, Chicago, 1939-48 ¹

Year	Loins, fresh, 10- to 12-lb. average	Hams, smoked, skinned, No. 1 16- to 18-lb. average	Bacon, smoked, dry-cured, No. 1 8- to 10-lb. average	Lard, refined, prime steam, in 1-lb. cartons	Year	Loins, fresh, 10- to 12-lb. average	Hams, smoked, skinned, No. 1 16- to 18-lb. average	Bacon, smoked, dry-cured, No. 1 8- to 10-lb. average	Lard, refined, prime steam, in 1-lb. cartons
1939.....	<i>Dollars</i> 16.41	<i>Dollars</i> 20.70	<i>Dollars</i> 18.76	<i>Dollars</i> 7.66	1944.....	<i>Dollars</i> 24.75	<i>Dollars</i> 28.25	<i>Dollars</i> 25.00	<i>Dollars</i> 15.55
1940.....	14.75	18.06	16.20	6.39	1945.....	24.75	28.25	25.00	15.55
1941.....	20.06	24.88	23.47	10.06	1946.....	33.65	37.30	34.80	23.60
1942.....	26.63	31.38	27.84	14.48	1947.....	50.90	57.20	60.33	25.60
1943.....	26.08	30.12	26.39	15.55	1948.....	53.70	57.78	58.47	24.38

¹ Prices calculated from mean of daily range of quotations.

Production and Marketing Administration.

TABLE 464.—Lard, including rendered pork fat: Production, trade, stocks Dec. 31, and disappearance, United States, 1930-48

Year	Production			Imports for consumption	Foreign trade				Stocks, Dec. 31	Domestic disappearance		
	Federally inspected	Other	Total		Exports		Shipments to United States Territories	Total net exports and shipments		Use in shortening, margarine, and nonfood products	Use as lard	Lard, per capita
					Lard as such	Lard in tushonka						
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Lb.	
1930..	1,521,000	706,000	2,227,000	2	656,018	-----	18,222	674,238	51,434	124,905	1,559,000	12.6
1931..	1,554,000	753,000	2,307,000	3	578,296	-----	22,547	600,840	51,224	18,960	1,687,000	13.5
1932..	1,573,000	807,000	2,380,000	8	552,154	-----	23,735	575,881	41,088	15,391	1,799,000	14.3
1933..	1,679,000	796,000	2,475,000	1	584,238	-----	27,523	611,760	132,510	12,675	1,759,000	13.9
1934..	1,341,000	750,000	2,091,000	(?)	434,892	-----	22,840	457,732	118,107	10,423	1,637,000	12.9
1935..	662,000	614,000	1,276,000	37	97,359	-----	17,727	115,049	52,718	5,526	1,221,000	9.5
1936..	992,000	687,000	1,679,000	3	112,168	-----	24,865	137,030	145,809	6,848	1,442,000	11.2
1937..	759,000	672,000	1,431,000	247	136,778	-----	25,968	162,499	53,693	2,926	1,358,000	10.5
1938..	1,034,000	694,000	1,728,000	2	204,603	-----	29,459	234,060	107,421	4,407	1,436,000	11.0
1939..	1,272,000	765,000	2,037,000	1	277,272	-----	33,649	310,920	162,105	8,936	1,662,000	12.6
1940..	1,527,000	761,000	2,288,000	(?)	201,314	-----	30,799	232,113	294,069	22,934	1,901,000	14.3
1941..	1,526,000	702,000	2,228,000	1	392,870	-----	30,637	423,506	198,529	59,546	1,840,000	13.7
1942..	¹ 1,724,000	676,000	2,401,000	388	651,589	-----	⁴ 32,800	684,001	100,911	71,005 ⁵	¹ 1,755,000	12.8
1943..	³ 2,080,000	785,000	2,865,000	757	737,075	19,936	⁴ 38,913	795,167	200,203	140,594 ⁵	¹ 1,742,000	12.7
1944..	³ 2,367,000	687,000	3,054,000	206	681,554	20,112	⁴ 35,590	937,050	377,853	240,663 ⁵	¹ 1,716,000	12.4
1945..	³ 1,311,000	755,000	2,066,000	243	633,377	17,355	⁴ 21,416	671,905	91,588	112,094 ⁵	¹ 1,610,000	11.5
1946..	³ 1,344,000	794,000	2,138,000	7	443,807	6,777	⁴ 39,220	489,797	109,892	24,391 ⁵	¹ 1,642,000	11.6
1947..	1,722,000	704,000	2,426,000	2	383,001	-----	33,866	416,865	166,575	111,253 ⁵	¹ 1,841,000	12.7
1948 ⁶	1,680,000	688,000	2,368,000	1	277,389	-----	⁷ 50,488	327,876	173,263	122,375	1,911,000	13.0

¹ Use in margarine and shortening only; use in nonfood products not reported but probably was negligible.

² Less than 500 pounds.

³ Includes production in war-duration or "Fulmer" plants.

⁴ Includes U. S. Department of Agriculture shipments to United States Territories.

⁵ Adjusted for changes in stocks held outside reported positions by U. S. Department of Agriculture.

⁶ Preliminary.

⁷ Partly estimated.

Bureau of Agricultural Economics. Compiled as follows: Production, 1930-48, and stocks, 1930-40, from U. S. Department of Agriculture. Stocks, 1941-48, Bureau of the Census. Trade figures, from Foreign Commerce and Navigation of the United States, and records of the Bureau of the Census and U. S. Department of Agriculture. Use in shortening, margarine, and nonfood products, Bureau of the Census and Bureau of Internal Revenue. Disappearance computed from data on production, trade, and stocks. Per capita disappearance based on use as lard and July 1 population, including military personnel. Totals and per capita estimates computed from unrounded numbers.

TABLE 465.—Lard futures: Volume of trading, annual average of month-end open contracts, and highest and lowest prices per pound, Chicago Board of Trade,¹ 1939-48

Year	Volume of trading	Average of open contracts	Price		Year	Volume of trading	Average of open contracts	Price	
			Highest	Lowest				Highest	Lowest
	Mil. lb.	Mil. lb.	Cents	Cents		Mil. lb.	Mil. lb.	Cents	Cents
1939.....	1,020.9	63.5	8.70	4.80	1944.....	0.1	(²)	13.60	13.60
1940.....	1,604.0	139.5	7.275	4.05	1945.....	.6	0.2	13.80	13.40
1941.....	3,314.3	136.7	13.125	4.375	1946.....	8.6	.8	25.00	14.05
1942.....	240.4	14.8	13.80	10.00	1947.....	1,318.7	41.0	30.75	16.35
1943.....	.5	(²)	13.80	13.15	1948.....	3,986.5	92.8	29.00	16.30

¹ Only market trading in lard futures.

² Less than 50,000 pounds.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members beginning March 17, 1941; prior figures and prices compiled from records of the Chicago Board of Trade.

TABLE 466.—*Sheep and lambs: Number and value on farms, United States, Jan. 1, 1930-49*

Year	All sheep			Stock sheep			Sheep on feed		
	Number	Farm value		Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total		Per head	Total
	Thou- sands	Dollars	1,000 dollars	Thou- sands	Dollars	1,000 dollars	Thou- sands	Dollars	1,000 dollars
1930 ¹				<i>41,780</i>					
1930	51,565	8.93	460,404	45,577	9.00	410,290	5,988	8.37	50,114
1931	53,233	5.35	284,724	47,720	5.40	257,742	5,513	4.89	26,982
1932	53,902	3.40	183,314	47,682	3.44	164,246	6,220	3.05	18,989
1933	53,054	2.91	154,157	47,303	2.91	137,671	5,751	2.86	16,440
1934	53,503	3.78	202,437	48,244	3.77	181,718	5,259	3.93	20,667
1935 ¹				<i>48,368</i>					
1935	51,808	4.31	223,162	46,139	4.33	199,705	5,669	4.17	23,619
1936	51,136	6.38	326,435	45,435	6.35	288,326	5,701	6.68	38,109
1937	50,848	6.00	305,262	45,251	6.02	272,399	5,597	5.87	32,863
1938	51,063	6.11	311,933	44,972	6.13	275,560	6,091	5.97	36,373
1939	51,348	5.74	294,809	45,463	5.74	261,054	5,885	5.74	33,755
1940 ¹				<i>40,129</i>					
1940	52,107	6.31	328,742	46,266	6.35	293,718	5,841	6.00	35,024
1941	53,920	6.73	362,804	47,441	6.77	321,304	6,479	6.41	41,500
1942	56,213	8.60	483,589	49,346	8.66	427,198	6,867	8.21	56,391
1943	55,150	9.66	533,023	48,196	9.68	466,416	6,954	9.58	66,607
1944	50,782	8.71	442,199	44,270	8.68	384,173	6,512	8.91	58,026
1945 ¹				<i>41,224</i>					
1945	46,520	8.57	398,730	39,609	8.45	334,753	6,911	9.26	63,977
1946	42,436	9.69	411,265	35,599	9.57	340,841	6,837	10.30	70,424
1947	37,818	12.60	477,296	32,125	12.20	393,440	5,693	14.70	83,856
1948	34,827	15.40	534,679	29,976	15.00	448,651	4,851	17.70	85,828
1949 ²	31,963	17.20	548,915	27,818	17.00	473,128	4,145	18.30	75,787

¹ Italic figures are from the census. Census dates were Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. Figures for 1930 and 1940 exclude spring-born lambs.

² Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 539.

TABLE 467.—*Sheep and lambs, by classes: Number on farms, Jan. 1, 1930-49*

Year	All sheep	On feed	Stock sheep					
			Total	Lambs		1 year and over		
				Ewes	Wethers and rams	Ewes	Rams	Wethers
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1930	51,565	5,988	45,577	7,274	1,258	34,614	1,233	1,198
1931	53,233	5,513	47,720	7,205	1,371	36,514	1,288	1,342
1932	53,902	6,220	47,682	6,863	1,349	37,095	1,315	1,060
1933	53,054	5,751	47,303	6,635	1,218	37,012	1,318	1,120
1934	53,503	5,259	48,244	7,455	1,360	37,042	1,322	1,065
1935	51,808	5,669	46,139	7,357	1,196	35,285	1,315	986
1936	51,136	5,701	45,435	6,475	1,127	35,555	1,305	973
1937	50,848	6,597	45,251	6,774	1,697	34,574	1,265	941
1938	51,063	6,091	44,972	6,559	1,493	34,710	1,281	929
1939	51,348	5,885	45,463	6,910	1,474	34,833	1,294	952
1940	52,107	5,841	46,266	6,931	1,398	35,707	1,325	905
1941	53,920	6,479	47,441	7,345	1,422	36,419	1,379	876
1942	56,213	6,867	49,346	7,864	1,778	37,361	1,446	897
1943	55,150	6,954	48,196	6,928	1,643	37,303	1,434	888
1944	50,782	6,512	44,270	6,142	1,951	33,991	1,345	841
1945	46,520	6,911	39,609	4,782	1,513	31,280	1,264	770
1946	42,436	6,837	35,599	4,773	1,533	27,680	1,100	513
1947	37,818	5,693	32,125	4,243	1,418	25,048	1,004	412
1948	34,827	4,851	29,976	4,134	1,139	23,408	918	377
1949 ¹	31,963	4,145	27,818	3,965	992	21,656	855	350

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 468.—Stock sheep and lambs: Number on farms and value, by States, Jan. 1, average 1938-47, annual 1948 and 1949

State and division	Number			Farm value					
	Average 1938-47	1948	1949 ¹	Value per head			Total value		
				Average 1938-47	1948	1949 ¹	Average 1938-47	1948	1949 ¹
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	40	24	21	7.43	12.40	13.20	286	298	277
New Hampshire.....	10	8	8	8.58	13.70	14.50	81	110	116
Vermont.....	19	12	12	8.29	13.40	14.20	151	161	170
Massachusetts.....	8	8	8	8.89	13.70	14.50	72	110	• 116
Rhode Island.....	2	2	2	8.55	13.00	14.00	17	26	28
Connecticut.....	6	6	6	8.60	13.30	14.00	50	80	84
New York.....	282	171	161	9.20	14.90	17.60	2,515	2,548	2,834
New Jersey.....	7	8	9	9.40	15.60	18.60	71	125	167
Pennsylvania.....	343	230	228	7.16	12.90	15.00	2,384	2,967	3,420
North Atlantic.....	716	469	455	8.08	13.70	15.90	5,628	6,425	7,212
Ohio.....	1,709	1,053	979	7.77	13.60	15.50	12,783	14,321	15,174
Indiana.....	606	378	370	9.60	16.10	17.90	5,647	6,086	6,628
Illinois.....	586	426	405	9.65	17.60	19.40	5,562	7,498	7,857
Michigan.....	724	403	343	8.82	14.90	16.10	6,101	6,005	5,522
Wisconsin.....	356	236	196	9.02	17.10	17.80	3,112	4,036	3,489
East North Central.....	3,982	2,496	2,293	8.63	15.20	16.90	33,205	37,946	38,665
Minnesota.....	1,030	641	577	8.73	15.90	16.20	8,851	10,192	9,347
Iowa.....	1,144	734	639	9.62	16.50	17.40	10,739	12,111	11,119
Missouri.....	1,388	1,075	1,054	8.72	15.60	16.50	11,938	16,770	17,391
North Dakota.....	823	452	398	8.61	15.20	16.10	6,933	6,870	6,408
South Dakota.....	1,544	864	808	8.66	15.90	17.00	13,331	13,738	13,736
Nebraska.....	319	169	179	8.48	14.30	15.00	2,642	2,417	2,685
Kansas.....	516	342	318	8.03	14.10	14.90	4,124	4,822	4,738
West North Central.....	6,764	4,277	3,973	8.78	15.60	16.50	58,558	66,920	65,424
North Central.....	10,746	6,773	6,266	8.73	15.50	16.60	91,763	104,866	104,089
Delaware.....	2	2	2	8.65	15.50	18.00	17	31	36
Maryland.....	57	47	45	9.29	15.30	18.20	516	719	819
Virginia.....	355	285	282	9.49	17.60	18.50	3,299	5,016	5,217
West Virginia.....	425	305	293	7.78	15.50	18.50	3,159	4,728	5,420
North Carolina.....	51	37	35	8.34	16.00	17.20	409	592	602
South Carolina.....	6	4	4	5.40	9.50	11.70	31	38	47
Georgia.....	19	14	14	5.00	8.80	9.30	92	123	130
Florida.....	22	14	14	4.52	7.70	7.90	92	108	111
South Atlantic.....	938	708	689	8.42	16.00	18.00	7,616	11,355	12,382
Kentucky.....	972	803	707	10.10	18.10	21.10	9,578	14,534	14,918
Tennessee.....	371	307	270	8.85	15.40	16.20	3,239	4,728	4,374
Alabama.....	36	25	23	5.20	10.60	10.70	178	265	246
Mississippi.....	78	101	100	3.96	6.90	7.20	319	697	720
Arkansas.....	92	61	61	6.72	10.60	11.90	605	647	726
Louisiana.....	254	169	127	3.95	5.60	6.60	981	946	838
Oklahoma.....	258	130	101	7.18	13.70	13.80	1,764	1,781	1,394
Texas.....	9,518	7,395	6,508	6.18	11.90	12.90	58,625	85,000	83,953
South Central.....	11,579	8,991	7,897	6.54	12.40	13.60	75,289	111,598	107,169
Montana.....	3,114	1,923	1,923	8.94	16.60	18.70	27,495	31,922	35,960
Idaho.....	1,601	1,108	986	9.96	19.80	21.70	15,257	21,938	21,396
Wyoming.....	3,190	2,250	2,070	8.87	16.40	18.30	27,798	36,900	37,881
Colorado.....	1,665	1,222	1,185	9.53	16.70	20.60	15,619	20,407	24,411
New Mexico.....	1,957	1,406	1,393	7.59	13.30	17.10	14,515	18,700	23,820
Arizona.....	666	420	405	7.36	13.50	18.00	4,680	5,670	7,290
Utah.....	1,930	1,469	1,381	9.41	17.00	20.30	17,693	24,973	28,034
Nevada.....	660	472	458	9.37	17.80	20.50	5,984	8,402	9,389
Washington.....	524	391	338	9.54	16.20	18.80	4,828	5,362	6,354
Oregon.....	1,369	713	720	8.74	16.50	19.50	11,364	11,764	14,400
California.....	2,675	1,721	1,652	9.37	16.60	20.40	24,316	28,569	33,701
Western.....	19,350	13,035	12,511	8.99	16.50	19.40	169,550	214,607	242,276
United States.....	43,329	29,976	27,818	8.22	15.00	17.00	349,846	448,851	473,128

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 469.—*Sheep and lambs on feed: Number, by States, Jan. 1, average 1938-47, annual 1944-49, and total farm value, by States, Jan. 1, average 1938-47, annual 1948 and 1949*

State and division	Number ¹							Total farm value		
	Average 1938-47	1944	1945	1946	1947	1948	1949 ²	Average 1938-47	1948	1949 ²
	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	1,000 dollars	1,000 dollars	1,000 dollars
New York.....	43	44	36	37	35	25	27	368	425	486
North Atlantic.....	43	44	36	37	35	25	27	368	425	486
Ohio.....	357	375	315	330	297	267	280	2,727	4,272	4,760
Indiana.....	179	170	136	197	129	170	119	1,642	3,230	2,380
Illinois.....	253	218	244	271	210	242	169	2,298	4,598	3,211
Michigan.....	211	175	160	135	95	95	90	1,769	1,710	1,710
Wisconsin.....	89	93	95	100	90	66	59	866	1,254	1,121
East North Central.....	1,089	1,031	950	1,033	821	840	717	9,300	15,064	13,182
Minnesota.....	289	330	310	340	231	210	150	2,607	3,780	3,000
Iowa.....	584	696	703	647	600	450	405	5,421	8,100	7,290
Missouri.....	193	240	250	202	200	160	192	1,605	2,720	3,264
North Dakota.....	129	162	165	168	100	80	52	1,226	1,520	988
South Dakota.....	315	415	440	410	299	191	153	2,796	3,247	2,754
Nebraska.....	700	880	801	768	538	610	580	6,309	11,590	10,440
Kansas.....	600	370	900	815	1,004	382	393	5,716	6,876	7,074
West North Central.....	2,810	3,093	3,569	3,350	2,972	2,083	1,925	25,680	37,833	34,810
North Central.....	3,899	4,124	4,519	4,383	3,793	2,923	2,642	34,981	52,897	47,992
Oklahoma.....	70	40	60	60	70	25	30	511	400	480
Texas.....	208	140	200	175	215	100	120	1,078	1,100	1,440
South Central.....	278	180	260	235	285	125	150	1,588	1,500	1,920
Montana.....	331	400	428	405	280	245	216	2,679	4,165	4,104
Idaho.....	185	150	140	150	135	115	115	1,559	2,300	2,300
Wyoming.....	246	250	240	242	175	165	100	1,889	2,640	1,700
Colorado.....	904	825	840	805	520	675	520	7,506	12,150	10,400
New Mexico.....	100	137	58	52	26	44	30	603	528	450
Arizona.....	16	6	10	40	32	55	15	107	715	240
Utah.....	154	135	140	160	115	140	75	1,200	2,660	1,350
Nevada.....	18	20	16	18	18	22	15	149	418	285
Washington.....	45	42	44	50	46	41	24	398	738	456
Oregon.....	49	35	38	40	28	20	18	374	340	342
California.....	139	164	142	220	205	256	198	1,192	4,352	3,762
Western.....	2,187	2,164	2,096	2,182	1,580	1,778	1,326	17,656	31,006	25,389
United States.....	6,407	6,512	6,911	6,837	5,693	4,851	4,145	54,593	85,828	75,787

¹ Includes sheep and lambs in commercial feed lots on feed for market.

² Preliminary.

Bureau of Agricultural Economics.

TABLE 470.—*Sheep: Number in specified countries, average 1936-40, annual 1944-48*

Continent and country	Month of estimate ¹	Average 1936-40	1944	1945	1946	1947	1948 ²
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
North America:							
Canada.....	Dec. 1 ¹	2,651	2,733	2,822	2,456	1,782	1,587
Guatemala.....	July.....	273	368				¹ 618
Mexico.....	Dec. 31 ¹	³ 4,809	4,673	4,704	4,754	4,742	
United States.....	Jan. 1.....	51,404	50,782	46,520	42,436	37,818	34,827
Estimated total.....		59,700	59,000	54,900	50,600	45,400	42,300
Europe:							
Albania.....		³ 1,576	1,700	1,600	1,700		
Austria.....	Dec. 3 ¹	³ 316	444	460	391	399	474
Belgium.....	Jan. 1.....	¹ 187	213	199	177	144	107
Bulgaria.....	Dec. 31 ¹	8,746	8,600	7,100	7,800	8,784	
Czechoslovakia ⁷	Jan. 1.....	³ 492	519	560	510	490	386
Denmark.....	July 15.....	⁴ 147	203	213	170	91	77
Eire.....	June.....	3,076	2,663	2,581	2,423	2,094	2,058
Finland.....	Mar. 1.....	⁸ 1,007	965	1,015	1,099	982	999
France.....	Fall ¹	⁹ 9,648	⁹ 6,715	⁹ 6,300	⁹ 6,632	7,259	7,406
Germany ¹⁰	Dec. 1 ¹	³ 3,729	4,349			3,018	2,988
Greece.....	Dec. 31 ¹	⁸ 8,304			6,262	7,205	7,056
Hungary.....	Spring.....	1,490	1,199	328	370	488	
Iceland.....	Spring.....	624	539	532			¹ 505
Italy.....	July.....	¹¹ 9,453	6,966	7,100	7,900	8,600	425
Netherlands.....	May.....	636	460	489	558	460	
Norway.....	June.....	1,742	1,795		1,707	1,698	1,629
Poland ¹²	June 30.....	⁵ 1,941		⁷ 710	⁹ 759	⁹ 981	1,406
Portugal.....	Dec. 31 ¹	¹³ 3,948	3,700	3,500	3,900	4,000	4,000
Rumania ¹²	Dec. 31 ¹	¹⁴ 9,736			6,799	7,100	
Spain.....	Dec. 31 ¹	¹⁵ 20,000	24,810	22,000	20,183		
Sweden.....	Summer.....	398	558	516	482	421	349
Switzerland.....	April.....	³ 177	209	193	195	182	170
United Kingdom.....	June.....	26,112	20,107	20,150	20,358	16,713	18,164
Yugoslavia.....	Dec. 31 ¹	9,796					
Estimated total.....		123,400	108,700	100,200	100,900	101,900	105,800
U. S. S. R. ¹²	Jan. 1.....	⁵ 66,000			61,100	60,800	64,800
Asia:							
Cyprus ¹⁵	March.....	300	303	331	315		
Iran.....	Mar. 21.....	14,497	13,730	13,020	12,950	13,190	13,000
Iraq.....	Jan.....	² 7,090	6,000	7,250	8,000		
Palestine ¹⁵	Spring.....	⁴ 209					
Syria.....	Dec. 31 ¹	2,060	2,216	2,777	3,091	3,260	3,176
Trans-Jordan.....		216	273	296			
Turkey.....	Dec. 31 ¹	21,656	21,105	22,450	23,386	23,387	
British Malaya ¹⁶		339			152	175	
China ¹⁷	May.....	26,000	21,000	20,000	20,000	22,000	
India.....	Dec. 31 ¹	43,258		48,000	49,000	50,000	
Netherlands Indies.....	Dec. 31 ¹	³ 1,614				1,610	
Estimated total.....		147,100	142,500	146,900	148,900	152,700	152,900
South America:							
Argentina.....	July.....	³ 44,900		56,182	55,000	¹⁸ 54,000	53,500
Bolivia.....	Dec. 31 ¹	2,608		4,014		4,289	4,534
Brazil.....	Sept.....	³ 11,438	11,000	13,283	15,542	16,000	16,000
Chile.....	June.....	³ 5,855	6,040	6,000	5,900	6,000	5,749
Colombia.....	Dec. 31 ¹	³ 916			1,800		
Ecuador.....		¹⁰ 1,500			1,158		
Paraguay.....	Dec. 31 ¹	³ 159	170	210	255		
Peru.....		⁶ 14,900			17,288	17,288	
Uruguay.....	April.....	⁸ 17,931	¹ 20,289		19,567	20,500	22,000
Estimated total.....		100,900	119,400	120,600	121,400	122,000	122,900

See footnotes at end of table.

TABLE 470.—*Sheep: Number in specified countries, average 1936-40, annual 1944-48—Continued*

Continent and country	Month of estimate ¹	Average 1936-40	1944	1945	1946	1947	1948 ²
		<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
Africa:							
Algeria ¹⁵ -----	Nov. 1 ¹ ----	6, 180	5, 529				
Anglo-Egyptian Sudan-----		³ 2, 500				4, 800	
Kenya-----		³ 3, 274		3, 075	3, 160		3, 500
Tanganyika-----	Dec. 31 ¹ ----	1, 780	2, 208	2, 019	2, 216	2, 366	2, 366
Basutoland-----		1, 443		1, 545		1, 703	
British Somaliland-----		³ 2, 900					
Egypt-----	June-----	^{3 11} 1, 771	1, 400	1, 385	1, 385	1, 400	
French Morocco ¹⁵ -----	Dec. 31 ¹ ----	9, 976	12, 870	10, 860	8, 620	6, 031	8, 000
French West Africa and Togo-----		³ 8, 674	8, 160	8, 570			9, 100
Madagascar ¹⁵ -----	Dec. 31 ¹ ----	193	229	174	158	153	174
Southern Rhodesia-----	Dec. 31 ¹ ----	310	320	334	330	325	286
South West Africa-----		³ 2, 972					
Spanish Morocco ¹⁵ -----		481	699	603	443		600
Tunisia-----	Dec. 31 ¹ ----	3, 026	3, 220	3, 328	2, 974	2, 783	
Union of South Africa-----	August-----	39, 899			30, 832		33, 000
Estimated total-----		99, 500	98, 900	95, 700	90, 700	85, 800	91, 100
Oceania:							
Australia-----	Mar. 31-----	¹ 112, 571	123, 174	105, 371	96, 396	95, 723	102, 559
New Zealand-----	Apr. 30-----	31, 352	33, 200	33, 975	33, 000	32, 682	32, 483
Estimated total-----		144, 000	156, 400	139, 400	129, 400	128, 500	135, 100
Estimated world total-----		740, 600	743, 900	717, 700	703, 000	697, 100	714, 900

¹ End of year estimates (October to December) included under following year for comparisons and totals. Thus, for Canada the December 1943 estimate of 2,733,000 is shown under 1944.

² Preliminary.

³ Average for 2 to 4 years only.

⁴ June.

⁵ Census or estimate for single year.

⁶ Includes Southern Dobrudja, beginning 1944. Years 1944-46 adjusted to make comparable series.

⁷ Present territory; excludes Sub-Carpathian Russia.

⁸ September.

⁹ Official statistics; may be an underestimate of actual numbers.

¹⁰ Totals for 4 zones of occupation.

¹¹ March.

¹² Present territory.

¹³ Census, Dec. 31, 1940.

¹⁴ Average for years 1930-39.

¹⁵ Data include only number taxed.

¹⁶ Data include goats.

¹⁷ Includes China Proper (22 provinces) Manchuria, Jehol, and Sinkiang (Turkestan).

¹⁸ The Census of May 10-12, 1947, reported 50,856,566 sheep on farms.

¹⁹ Year 1929.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, and other information. Data relate to prewar boundaries, unless otherwise noted. Totals include estimates for countries for which official statistics are unavailable.

TABLE 471.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1930-48*

Year	Lambcrop ¹	Marketings ²		Shipped in ³		Farm slaughter	
		Sheep	Lambs	Sheep for feeding and breeding	Lambs for feeding	Sheep	Lambs
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1930.....	29,467	3,212	24,144	925	5,886	222	252
1931.....	31,557	4,356	26,862	837	7,546	290	301
1932.....	29,986	2,943	25,017	517	5,438	338	386
1933.....	29,768	2,825	25,178	771	6,184	352	414
1934 ⁴	30,433	7,011	25,079	887	6,956	354	436
1935.....	27,813	4,560	23,796	1,018	6,452	342	338
1936.....	29,762	4,627	24,206	666	6,037	305	332
1937.....	29,170	4,579	24,245	742	6,564	295	303
1938.....	30,420	4,565	25,767	862	6,606	295	315
1939.....	29,913	4,415	25,459	1,107	6,839	292	305
1940.....	31,082	4,384	25,846	1,060	7,186	272	299
1941.....	32,610	4,231	26,510	935	7,440	292	290
1942.....	32,312	6,064	28,598	828	8,020	291	287
1943.....	20,924	7,818	27,505	639	7,624	289	287
1944.....	28,642	7,362	25,349	576	6,844	279	283
1945.....	27,042	7,257	24,986	591	7,005	274	297
1946.....	24,540	6,496	24,172	730	6,808	276	304
1947.....	22,082	5,052	21,116	652	6,000	257	302
1948 ⁵	20,011	4,565	19,013	623	5,653	244	298

Year	Quantity produced (live weight) ⁶	Value of production	Cash receipts from sale of sheep, lambs, mutton, and lamb ⁷	Value of sheep and lambs slaughtered for home consumption	Gross income ⁷	Cost of sheep and lambs shipped in for feeding and breeding ³	Average price per 100 pounds received by farmers	
							Sheep	Lambs
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1930.....	1,965,337	134,141	161,522	1,919	163,441	32,774	4.74	7.76
1931.....	2,051,980	102,094	130,124	1,780	131,904	28,360	3.11	5.64
1932.....	1,829,383	74,666	93,037	1,604	94,641	19,042	2.24	4.47
1933.....	1,860,370	86,379	104,984	1,768	106,752	27,438	2.28	5.04
1934 ⁴	1,911,079	99,324	131,691	2,114	133,805	29,968	2.85	5.90
1935.....	1,834,576	115,850	152,216	2,304	154,520	42,170	3.75	7.28
1936.....	1,851,581	133,034	165,950	2,294	168,244	33,630	3.77	8.05
1937.....	1,931,998	150,197	185,881	2,442	188,323	44,447	4.52	8.88
1938.....	2,037,588	127,161	157,451	2,002	159,453	37,502	3.58	7.05
1939.....	2,028,694	138,414	171,917	2,145	174,062	43,610	3.90	7.78
1940.....	2,100,928	149,343	179,997	2,072	182,069	47,120	3.95	8.10
1941.....	2,251,390	192,102	226,028	2,581	228,609	58,783	5.06	9.58
1942.....	2,313,319	235,146	305,932	3,071	309,003	72,708	5.80	11.70
1943.....	2,107,891	242,294	342,397	3,372	345,769	66,865	6.57	13.00
1944.....	1,938,299	215,071	300,446	3,190	303,646	60,273	6.01	12.50
1945.....	1,911,766	227,319	319,097	3,425	322,522	75,531	6.38	13.10
1946.....	1,763,298	248,240	362,300	4,188	366,488	86,959	7.48	15.60
1947.....	1,579,402	288,685	403,352	4,990	408,342	90,030	8.41	20.50
1948 ⁵	1,406,551	287,577	407,990	5,443	413,433	91,651	9.69	22.80

¹ Lambs saved during the year.

² Excludes interfarm sales.

³ Includes sheep and lambs shipped in from other States and from central markets but excludes intrastate shipments.

⁴ Includes Government purchases.

⁵ Preliminary.

⁶ Adjustments were made for sheep and lambs shipped in and changes in inventory.

⁷ No adjustments made for cost of sheep and lambs shipped in and changes in inventory values. Gross income is "Cash receipts from sales of sheep, lambs, mutton, and lamb" plus "Value of sheep and lambs slaughtered for home consumption."

Bureau of Agricultural Economics. Data for most items shown, for 1924-29, in Agricultural Statistics, 1942, table 543.

TABLE 472.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1947*

State and division	Marketings ¹		Shipped in ²		Farm slaughter		Quantity produced (live weight) ³	Value of production ³	Cash receipts from sales of sheep, lambs, mutton and lamb ⁴	Value of sheep and lambs slaughtered for home consumption	Gross income ⁴	Cost of sheep and lambs shipped in for feeding and breeding ⁵
	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head						
Maine.....	6	6			2	4	1,080	177	229	18	247	
New Hampshire.....	2	1				1	310	41	41	3	44	
Vermont.....	1	3				2	450	72	72	5	77	
Massachusetts.....	1	3					280	49	47		47	
Rhode Island.....	1	1					85	14	14		14	
Connecticut.....	1	2					260	36	36		36	
New York.....	26	119	3	28	4	6	8,630	1,608	2,276	12	2,288	410
New Jersey.....	1	8		6			375	67	146		146	83
Pennsylvania.....	37	69			2	5	8,273	1,318	1,429	13	1,442	
North Atlantic.....	75	212	3	33	8	18	19,743	3,382	4,290	51	4,341	493
Ohio.....	168	615	6	62	3	5	51,020	9,265	11,265	74	11,339	941
Indiana.....	100	422	14	188	1	2	32,110	6,040	8,855	35	8,890	2,972
Illinois.....	94	587	20	341	1	3	36,085	6,830	11,976	47	12,023	5,662
Michigan.....	38	266	5	17	3	7	25,796	5,020	5,399	53	5,452	313
Wisconsin.....	44	248	2	82	2	5	18,254	3,126	4,844	80	4,924	1,301
East North Central.....	444	2,138	47	690	10	22	163,255	30,281	42,339	289	42,628	11,189
Minnesota.....	151	763	30	280	3	6	57,592	11,318	16,101	97	16,198	3,969
Iowa.....	241	1,494	58	846	2	2	79,636	15,218	31,104	41	31,145	12,461
Missouri.....	179	1,040	75	235	2	3	74,685	14,879	19,900	52	19,952	3,992
North Dakota.....	111	379	18	35	3	4	30,404	5,897	7,251	84	7,335	642
South Dakota.....	249	814	11	173	3	7	54,781	10,036	15,646	136	15,782	2,721
Nebraska.....	61	875	47	841	2	3	40,458	8,199	18,663	64	18,726	11,698
Kansas.....	141	1,307	50	517	1	3	43,329	8,825	25,718	49	25,767	7,249
West North Central.....	1,133	6,672	289	2,927	16	28	380,885	74,372	134,382	523	134,905	42,732
North Central.....	1,577	8,810	336	3,617	26	50	544,140	104,653	176,721	812	177,533	53,921
Delaware.....	1						100	8	8		8	
Maryland.....	1	22				1	2,055	398	355	7	392	
Virginia.....	23	206	2	1	2	3	18,068	3,654	3,887	36	3,923	34
West Virginia.....	29	191	2	2	2	3	18,040	3,530	3,749	35	3,784	50
North Carolina.....	2	15			1	2	1,410	268	270	16	286	
South Carolina.....		1					75	12	12		12	
Georgia.....	1	1			1	1	235	29	29	9	38	
Florida.....	1	1			1		230	20	18	3	21	
South Atlantic.....	58	437	4	3	7	10	40,213	7,919	8,358	106	8,464	84
Kentucky.....	95	519	41	25	2	4	46,728	10,109	10,466	41	10,507	782
Tennessee.....	27	236	1	35	2	3	18,357	3,487	4,215	28	4,243	553
Alabama.....	5	4				1	586	72	83	4	87	
Mississippi.....	1	13		1		2	1,550	163	118	6	124	11
Arkansas.....	4	29		1		1	2,268	385	389	5	394	13
Louisiana.....	25	15			2	3	1,485	145	286	18	304	
Oklahoma.....	28	147	4	28	1	1	8,890	1,585	2,631	17	2,648	371
Texas.....	1,860	1,538	14	141	12	16	201,624	23,747	34,536	258	34,794	1,865
South Central.....	2,045	2,501	60	231	19	31	281,488	39,693	52,724	377	53,101	3,595
Montana.....	325	1,077	30	125	7	11	95,311	16,262	19,828	161	19,989	1,981
Idaho.....	72	1,208	30	358	10	15	85,457	17,943	23,001	309	23,310	5,388
Wyoming.....	195	1,323	10	121	12	28	97,417	18,783	20,697	417	21,114	1,798
Colorado.....	117	1,509	70	890	8	10	88,427	18,891	29,130	214	29,344	12,980
New Mexico.....	106	592	20	27	70	30	51,365	8,048	7,809	774	8,583	599
Arizona.....	32	172	22	44	50	49	17,621	3,007	2,870	973	3,843	884
Utah.....	46	810	34	80	17	16	60,528	11,949	12,402	310	12,712	1,548
Nevada.....	28	225	4	8	4	5	19,605	3,569	3,575	92	3,667	154
Washington.....	66	244	12	11	3	3	22,240	4,300	4,847	30	4,877	286
Oregon.....	43	487	7		4	10	40,541	8,555	8,869	129	8,998	75
California.....	267	1,509	10	452	12	16	115,306	21,731	28,231	235	28,466	6,244
Western.....	1,297	9,156	249	2,116	197	193	693,818	133,038	161,259	3,644	164,903	31,937
United States.....	5,052	21,116	652	6,000	257	302	1,579,402	288,685	403,352	4,990	408,342	90,030

See footnotes at bottom of page 383.

TABLE 473.—*Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1948 (preliminary)*

State and division	Marketings ¹		Shipped in ²		Farm slaughter		Quantity produced (live weight) ³	Value of production ³	Cash receipts from sales of sheep, lambs, mutton and lamb ⁴	Value of sheep and lambs slaughtered for home consumption	Gross income ⁴	Cost of sheep and lambs shipped in for feeding and breeding ⁵
	Sheep	Lambs	Sheep	Lambs	Sheep	Lambs						
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head						
Maine.....	6	6			1	3	1,060	193	232	14	246	
New Hampshire.....	2	1					310	49	47	3	50	
Vermont.....	1	1				2	290	50	50	6	56	
Massachusetts.....	1	2					250	39	39		39	
Rhode Island.....	1	1					85	17	17		17	
Connecticut.....	1	2					250	40	40		40	
New York.....	20	84	2	21	3	5	6,855	1,456	1,856	11	1,867	329
New Jersey.....	1	5	1	1			470	94	109		109	30
Pennsylvania.....	21	63			2	4	7,011	1,290	1,332	12	1,344	
North Atlantic.....	53	165	3	22	6	15	16,581	3,228	3,722	46	3,768	359
Ohio.....	144	568	10	77	2	5	47,184	9,664	11,366	75	11,441	1,291
Indiana.....	58	450	10	175	1	2	28,489	6,087	9,853	38	9,891	2,939
Illinois.....	83	633	23	301	1	3	34,296	7,179	14,097	52	14,149	5,431
Michigan.....	82	262	5	11	3	7	25,307	5,229	6,178	57	6,235	242
Wisconsin.....	60	197	1	58	2	4	15,667	3,015	4,392	74	4,466	979
East North Central.....	427	2,110	49	622	9	21	150,943	31,174	45,886	296	46,182	10,882
Minnesota.....	139	614	22	186	2	6	48,055	9,871	14,019	97	14,116	2,874
Iowa.....	160	1,163	48	657	2	2	66,744	14,649	27,085	46	27,131	10,455
Missouri.....	208	902	60	273	3	4	77,088	16,519	20,945	85	21,030	4,804
North Dakota.....	84	317	9	25	2	2	25,056	5,011	6,411	50	6,461	468
South Dakota.....	148	626	15	152	1	4	46,314	9,143	12,814	78	12,892	2,645
Nebraska.....	49	800	37	684	2	3	35,839	7,875	18,352	73	18,425	10,228
Kansas.....	70	853	50	678	1	3	36,747	7,880	17,734	53	17,787	10,263
West North Central.....	858	5,275	241	2,655	13	24	335,843	70,948	117,360	482	117,842	41,737
North Central.....	1,285	7,385	290	3,277	22	45	486,786	102,122	163,246	778	164,024	52,619
Delaware.....	1						100	9	9		9	
Maryland.....	4	24				1	2,185	510	515	8	523	
Virginia.....	12	195	5	1	2	3	17,302	4,274	4,311	44	4,355	71
West Virginia.....	24	190	3		2	3	17,459	4,125	4,245	41	4,286	32
North Carolina.....	3	16			1	2	1,617	352	352	18	370	
South Carolina.....		1					75	12	12		12	
Georgia.....	1	1			1	1	323	39	31	9	40	
Florida.....	1	1			1	1	292	33	28	7	35	
South Atlantic.....	46	428	8	1	7	11	39,353	9,354	9,503	127	9,630	103
Kentucky.....	163	570	31	14	2	4	52,435	12,594	14,546	48	14,594	601
Tennessee.....	44	206	1	16	2	3	16,831	3,957	4,628	33	4,661	277
Alabama.....	5	5				1	694	92	106	4	110	
Mississippi.....	14	16		1		2	2,068	262	272	7	279	12
Arkansas.....	2	30		3		1	2,037	375	406	6	412	42
Louisiana.....	39	17			2	3	1,376	174	190	22	512	
Oklahoma.....	35	88	5	28	1	2	6,884	1,474	2,085	34	2,119	415
Texas.....	1,593	1,129	17	187	9	12	130,929	18,400	31,569	231	31,800	2,664
South Central.....	1,895	2,061	54	249	16	28	213,254	37,328	54,102	385	54,487	4,011
Montana.....	246	912	40	149	6	11	85,878	15,935	18,446	172	18,618	2,640
Idaho.....	184	1,182	40	389	12	17	88,002	18,791	26,377	376	26,753	6,417
Wyoming.....	296	1,213	7	139	11	27	87,142	17,610	22,004	444	22,448	2,177
Colorado.....	119	1,591	70	765	8	11	82,500	18,865	33,246	254	33,500	12,155
New Mexico.....	96	555	33	35	75	35	46,910	8,319	8,472	970	9,442	958
Arizona.....	15	186	13	15	42	48	16,041	3,194	3,368	997	4,365	401
Utah.....	106	869	26	55	18	17	61,215	13,152	16,012	370	16,382	1,208
Nevada.....	32	240	4	12	4	5	20,144	4,256	4,655	108	4,763	232
Washington.....	18	217	1	4	3	6	20,970	4,171	4,456	34	4,490	77
Oregon.....	17	425	18		3	10	37,856	8,676	8,603	138	8,741	240
California.....	157	1,584	16	541	11	15	103,919	22,576	31,778	244	32,022	8,054
Western.....	1,286	8,974	268	2,104	193	199	650,577	135,545	177,417	4,107	181,524	34,559
United States.....	4,565	19,013	623	5,653	244	298	1,406,551	287,577	407,990	5,443	413,433	91,651

See footnotes at bottom of page 888.

TABLE 474.—*Sheep and lambs: Receipts at public stockyards, 1939-48*TOTAL RECEIPTS¹

Year	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	St. Louis Natl. Stock- yards	South St. Joseph	South St. Paul	Stoux City	Total, 9 mar- kets ²	All others report- ing	Total, 66 markets report- ing ²
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1939-----	2,499	2,837	939	1,367	1,717	820	1,025	1,204	711	13,118	10,699	23,817
1940-----	2,103	2,663	1,086	1,294	1,576	832	978	1,280	786	12,596	10,158	22,754
1941-----	2,179	2,471	906	1,337	1,487	783	1,111	1,306	779	12,359	10,458	22,817
1942-----	2,596	2,966	1,557	1,871	2,058	893	1,240	1,612	1,088	15,880	12,331	28,211
1943-----	2,390	2,715	2,105	2,331	2,651	904	1,231	1,787	1,361	17,476	12,991	30,467
1944-----	2,056	2,518	2,657	2,247	2,370	822	1,120	1,709	1,365	16,864	12,344	29,208
1945-----	1,875	2,287	2,714	2,226	1,935	1,049	1,043	1,331	1,104	15,563	12,095	27,658
1946-----	1,487	2,102	2,331	1,968	1,779	956	909	1,169	917	13,618	12,529	26,147
1947-----	968	1,996	1,766	1,857	1,527	822	937	940	784	11,598	10,081	21,679
1948-----	888	2,394	1,587	1,380	1,301	741	943	788	581	10,604	9,210	19,814

TRUCK RECEIPTS

1939-----	329	156	676	314	329	458	388	467	344	3,462	3,477	6,939
1940-----	295	157	797	352	347	480	394	480	397	3,700	3,547	7,247
1941-----	321	166	706	415	376	472	509	506	449	3,920	3,834	7,754
1942-----	347	292	1,120	454	436	516	548	620	498	4,831	4,269	9,100
1943-----	343	381	1,547	439	486	549	514	590	587	5,436	4,572	10,008
1944-----	326	291	1,714	382	444	459	433	606	573	5,228	4,202	9,430
1945-----	284	288	1,893	373	400	431	434	539	505	5,147	4,352	9,499
1946-----	373	328	1,759	337	368	435	376	579	484	5,039	4,344	9,383
1947-----	306	322	1,399	338	322	408	401	540	434	4,471	3,857	8,328
1948-----	344	533	1,239	338	297	400	394	464	329	4,339	3,943	8,282

¹ Total rail and truck receipts unloaded at public stockyards.² Rounded totals of complete figures.

Production and Marketing Administration. Compiled from reports received from stockyard companies. Data for 1931-38 in Agricultural Statistics, 1941, table 524.

FOOTNOTES FOR TABLES 472 AND 473:

¹ Excludes interfarm sales.² Includes sheep and lambs shipped in from other States and from central markets but excludes intrastate shipments.³ Adjustments were made for sheep and lambs shipped in and changes in inventory.⁴ No adjustments made for cost of sheep and lambs shipped in and changes in inventory values. Gross income is "Cash receipts from sales of sheep, lambs, mutton, and lamb" plus "Value of sheep and lambs slaughtered for home consumption."

Bureau of Agricultural Economics.

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TABLE 475.—*Sheep and lambs: Stocker and feeder shipments into 8 North Central States, 1944-48*¹

Year and source	Shipments into—								
	Ohio	Indiana	Illinois	Michigan	Wisconsin	Minnesota	Iowa	Nebraska	Total, 8 States
1944:	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>
Public stockyards.....	1,457	14,714	235,644	24,802	34,837	177,520	612,020	490,798	1,600,792
Direct.....	82,447	104,108	191,323	25,452	94,872	216,851	419,175	610,186	1,744,414
Total.....	83,904	118,822	426,967	50,254	129,709	394,371	1,031,195	1,100,984	3,345,206
1945:									
Public stockyards.....	3,012	17,229	230,548	12,688	38,913	167,908	531,982	383,809	1,386,089
Direct.....	99,523	213,617	194,326	17,677	132,528	235,115	476,178	698,612	2,067,576
Total.....	102,535	230,846	424,874	30,365	171,441	403,023	1,008,160	1,082,421	3,453,665
1946:									
Public stockyards.....	1,943	46,082	221,991	13,411	21,719	127,490	581,023	272,136	1,285,795
Direct.....	106,934	203,611	210,086	16,115	112,250	167,986	613,789	495,432	1,926,203
Total.....	108,877	249,693	432,077	29,526	133,969	295,476	1,194,812	767,568	3,211,998
1947:									
Public stockyards.....	1,901	114,439	291,140	11,624	33,561	133,125	477,302	253,864	1,316,956
Direct.....	66,093	87,819	250,923	9,910	48,615	137,284	426,227	762,777	1,789,648
Total.....	67,994	202,258	542,063	21,534	82,176	270,409	903,529	1,016,641	3,106,604
1948:									
Public stockyards.....	15,384	41,884	232,860	9,803	12,163	82,105	412,021	374,617	1,180,837
Direct.....	72,047	92,899	145,807	6,069	45,479	85,649	292,490	447,265	1,187,705
Total.....	87,431	134,783	378,667	15,872	57,642	167,754	704,511	821,882	2,368,542

¹ Under "Public stockyards" are included stockers and feeders which were bought at stockyard markets. Under "Direct" are included stockers and feeders coming from other States from points other than public stockyards, some of which are inspected at public stockyards while stopping for feed, water, and rest en route.

Bureau of Agricultural Economics. Compiled from data obtained from offices of State veterinarians.

TABLE 476.—*Sheep and lambs slaughtered, United States, 1930-48*

Year	Federally inspected	Not federally inspected		Total	Year	Federally inspected ¹	Not federally inspected		Total
		Other wholesale, and retail	Farm				Other wholesale, and retail	Farm	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1930.....	16,697	3,954	474	21,125	1940.....	17,349	3,651	571	21,571
1931.....	18,071	4,471	591	23,133	1941.....	18,122	3,605	582	22,309
1932.....	17,899	4,420	724	23,043	1942.....	21,624	3,383	578	25,585
1933.....	17,354	3,713	766	21,833	1943.....	23,363	3,134	576	27,073
1934.....	² 17,411	3,583	790	² 21,784	1944.....	21,875	³ 2,918	562	25,355
1935.....	17,644	3,676	680	22,000	1945.....	21,218	³ 2,850	571	24,639
1936.....	17,216	3,702	637	21,555	1946.....	19,884	³ 2,350	580	22,814
1937.....	17,270	3,587	598	21,455	1947.....	16,667	³ 1,540	559	18,766
1938.....	18,060	3,753	610	22,423	1948 ⁴	15,343	³ 1,645	542	17,530
1939.....	17,241	3,776	597	21,614					

¹ Includes slaughter in war-duration or "Fulmer" plants, 1942-46, representing an increase in the number of federally inspected slaughter plants.

² Includes 1,356,421 sheep slaughtered for Government account.

³ Data obtained from reports of slaughterers.

⁴ Preliminary.

Bureau of Agricultural Economics.

TABLE 477.—Feeder sheep: Inspected shipments from public stockyards, 1941-48

Origin and destination	1941	1942	1943	1944	1945	1946	1947	1948
Market origin:	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>	<i>Head</i>
Chicago, Ill.-----	43, 667	67, 209	55, 110	53, 950	34, 283	36, 597	32, 992	23, 978
Denver, Colo.-----	1, 001, 998	1, 244, 604	1, 065, 070	1, 022, 365	886, 961	745, 348	758, 082	832, 931
Fort Worth, Tex.-----	73, 524	86, 995	105, 667	70, 970	133, 302	157, 540	188, 100	197, 843
Kansas City, Kans.-----	76, 050	144, 158	232, 049	143, 554	206, 274	157, 513	195, 706	103, 238
Louisville, Ky.-----	40, 692	55, 679	29, 027	50	7, 756	-----	-----	4, 162
Ogden, Utah.-----	481, 530	582, 257	490, 445	420, 523	410, 454	343, 691	388, 018	440, 199
Omaha, Nebr.-----	298, 900	372, 504	732, 107	503, 614	325, 193	336, 730	286, 664	287, 252
St. Louis ¹ -----	38, 612	25, 484	29, 316	18, 528	42, 241	30, 361	33, 810	25, 128
Salt Lake City, Utah.-----	97, 305	110, 614	125, 503	79, 519	91, 328	92, 419	100, 703	137, 531
Sioux City, Iowa.-----	150, 211	226, 249	358, 055	364, 758	283, 155	206, 957	168, 738	138, 493
Sioux Falls, S. Dak.-----	27, 324	30, 603	66, 968	68, 066	62, 834	60, 116	66, 474	49, 448
So. St. Joseph, Mo.-----	183, 791	115, 421	39, 675	21, 861	19, 468	52, 211	124, 791	129, 441
So. St. Paul, Minn.-----	223, 895	222, 843	322, 999	328, 550	258, 867	195, 386	173, 732	124, 618
All other inspected ² -----	262, 986	285, 876	301, 221	265, 448	376, 562	343, 811	256, 815	236, 530
Total ² -----	3, 000, 485	3, 560, 496	3, 953, 212	3, 361, 756	3, 138, 668	2, 758, 680	2, 774, 625	2, 730, 792
State destination:								
New York.-----	4, 809	2, 860	10, 858	18, 426	4, 523	22, 525	9, 875	7, 312
Ohio.-----	16, 191	20, 448	19, 545	15, 535	20, 181	21, 384	13, 650	16, 029
Indiana.-----	34, 282	45, 265	47, 273	18, 788	34, 902	40, 483	45, 314	34, 357
Illinois.-----	218, 291	219, 764	338, 709	241, 857	233, 962	237, 014	218, 856	190, 621
Michigan.-----	32, 902	36, 588	28, 957	22, 761	16, 002	24, 208	12, 649	10, 147
Wisconsin.-----	40, 483	26, 567	50, 196	33, 458	31, 510	14, 824	14, 343	8, 386
Minnesota.-----	166, 060	195, 283	297, 694	183, 859	197, 342	132, 906	138, 158	98, 230
Iowa.-----	425, 986	512, 276	794, 873	693, 034	524, 043	523, 498	426, 163	366, 708
Missouri.-----	295, 180	233, 126	168, 175	117, 816	131, 436	156, 760	249, 443	259, 699
South Dakota.-----	46, 938	64, 918	177, 024	122, 499	86, 132	83, 613	95, 867	76, 284
Nebraska.-----	566, 619	766, 892	838, 323	598, 667	488, 784	288, 473	404, 186	403, 941
Kansas.-----	351, 382	547, 325	262, 293	501, 108	422, 828	395, 887	228, 563	394, 142
Kentucky.-----	45, 348	64, 563	38, 344	13, 488	40, 897	21, 940	25, 155	14, 191
Tennessee.-----	10, 435	4, 175	6, 243	4, 572	18, 649	11, 173	9, 323	9, 573
Oklahoma.-----	29, 651	22, 730	13, 314	12, 393	9, 760	13, 351	12, 168	17, 990
Texas.-----	31, 582	47, 300	54, 798	34, 826	63, 653	81, 929	61, 697	73, 393
Montana.-----	583	1, 131	1, 763	23	-----	9, 015	21, 238	7, 190
Idaho.-----	20, 100	29, 604	25, 599	16, 302	7, 338	14, 256	47, 321	47, 010
Wyoming.-----	17, 559	17, 930	20, 958	6, 880	8, 238	18, 712	21, 185	18, 244
Colorado.-----	445, 485	486, 683	469, 456	427, 211	415, 710	340, 240	430, 101	355, 210
Utah.-----	44, 908	40, 952	56, 396	65, 113	65, 916	32, 505	78, 019	53, 003
California.-----	107, 221	134, 593	162, 007	160, 143	252, 240	212, 408	154, 033	221, 875
All other ² -----	48, 480	39, 523	70, 414	52, 997	64, 622	61, 576	57, 313	49, 257
Total ² -----	3, 000, 485	3, 560, 496	3, 953, 212	3, 361, 756	3, 138, 668	2, 758, 680	2, 774, 625	2, 730, 792

¹ Includes St. Louis National Stock Yards, Ill., and St. Louis, Mo.² Does not include Hawaii.

Bureau of Agricultural Economics. Compiled from inspection records of the Bureau of Animal Industry. Data for 1926-40 in Agricultural Statistics, 1941, table 526.

TABLE 478.—Sheep and lambs: Slaughter under Federal inspection, by stations, 1939-48¹

Year	Chi- ago ²	Denver	Kansas City	New York ³	Omaha ⁴	St. Louis ⁵	Sioux City	South St. Paul ⁶	All other stations	Total
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>
1939.-----	2, 444	359	1, 159	3, 017	1, 190	710	591	777	6, 994	17, 241
1940.-----	2, 287	307	1, 086	2, 931	1, 131	715	615	762	7, 516	17, 351
1941.-----	2, 511	353	1, 114	2, 901	1, 228	776	635	818	7, 789	18, 125
1942.-----	3, 155	406	1, 368	2, 940	1, 666	933	821	1, 046	9, 291	21, 625
1943.-----	2, 927	589	1, 672	2, 766	1, 868	938	969	999	10, 634	23, 363
1944.-----	2, 512	598	1, 596	2, 831	1, 803	796	890	913	9, 937	21, 876
1945.-----	1, 967	571	1, 494	2, 434	1, 589	888	695	721	10, 861	21, 220
1946.-----	1, 491	492	1, 146	2, 484	1, 105	764	612	595	11, 196	19, 885
1947.-----	1, 179	556	1, 195	2, 167	1, 160	756	555	557	8, 542	16, 667
1948.-----	991	825	968	1, 865	856	820	401	437	8, 181	15, 343

See footnotes on bottom of page 386.

TABLE 479.—*Sheep and lambs slaughtered under Federal inspection, by classes, 1939-48*

Year	Lambs and yearlings		Sheep		Year	Lambs and yearlings		Sheep	
	Thou- sands	Percent	Thou- sands	Percent		Thou- sands	Percent	Thou- sands	Percent
1939.....	16,137	93.6	1,104	6.4	1944.....	18,263	83.5	3,613	16.5
1940.....	16,253	93.7	1,098	6.3	1945.....	16,776	79.1	4,444	20.9
1941.....	16,980	93.7	1,145	6.3	1946.....	16,535	83.2	3,350	16.8
1942.....	18,811	87.0	2,813	13.0	1947.....	14,374	86.2	2,292	13.8
1943.....	18,466	79.0	4,897	21.0	1948.....	12,848	83.7	2,495	16.3

Production and Marketing Administration. Data for 1923-38 in Agricultural Statistics, 1941, table 533.

TABLE 480.—*Sheep and lambs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers per 100 pounds, by seasons, 1939-48*

Year beginning May—	Number slaughtered ¹			Average live weight			Average cost per 100 pounds, live weight		
	May- Nov.	Dec.- Apr.	May- Apr.	May- Nov.	Dec.- Apr.	May- Apr.	May- Nov.	Dec.- Apr.	May- Apr.
	Thou- sands	Thou- sands	Thou- sands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1939.....	10,338	6,920	17,258	83	91	86	8.36	8.91	8.59
1940.....	10,404	7,276	17,680	83	93	87	8.57	9.73	9.08
1941.....	10,694	7,827	18,520	85	94	89	10.15	11.38	10.70
1942.....	13,194	8,351	21,545	86	93	89	11.82	14.01	12.71
1943.....	14,929	8,608	23,537	89	94	91	11.29	13.64	12.18
1944.....	13,592	8,859	22,451	87	96	90	11.14	13.35	12.07
1945.....	12,489	9,156	21,645	92	99	95	11.32	13.20	12.15
1946.....	11,189	6,718	17,907	90	98	93	14.87	20.52	17.11
1947.....	9,844	6,227	16,070	91	98	93	19.09	21.59	20.11
1948.....	9,239	5,234	14,472	92	97	94	21.06	23.59	22.01

¹ Rounded totals of unrounded numbers.

Production and Marketing Administration. Data for 1931-38 in Agricultural Statistics, 1941, table 530. In recent years the carcass weight of sheep and lambs has averaged about 46 percent of the live weight.

FOOTNOTES FOR TABLE 478:

¹ Includes slaughter in plants to which Federal inspection was extended by the Fulmer Act, beginning 1942.

² Includes Elburn, Ill.

³ Includes Jersey City and Newark, N. J.

⁴ Includes Lincoln, Nebr.

⁵ Includes St. Louis National Stock Yards, East St. Louis, Ill., and St. Louis, Mo.

⁶ Includes Newport and St. Paul, Minn.

Production and Marketing Administration. Compiled from inspection records of Bureau of Animal Industry. Data for 1931-38 in Agricultural Statistics, 1941, table 531.

TABLE 481.—*Sheep and lambs: Number slaughtered and total live weight, 1947 and 1948, and average live weight, 1948, by States*¹

State	Number slaughtered		Total live weight		Average live weight
	1947	1948 ²	1947	1948 ²	1948 ²
	<i>Head</i>	<i>Head</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Pounds</i>
New England.....	389,000	322,400	35,380	29,434	91
New York.....	1,574,000	1,092,000	142,676	97,539	89
New Jersey.....	880,000	1,018,000	79,002	92,389	91
Pennsylvania.....	315,000	301,000	26,153	25,121	83
Ohio.....	328,000	358,000	27,316	30,597	85
Indiana.....	87,100	117,800	7,730	10,485	89
Illinois.....	1,698,000	1,591,000	157,372	147,791	93
Michigan.....	283,000	322,000	25,967	29,855	93
Wisconsin.....	205,600	160,700	19,602	15,423	96
Minnesota.....	1,108,000	931,000	106,598	90,336	97
Iowa.....	1,910,000	1,431,100	179,612	137,384	96
Missouri.....	1,038,000	1,108,000	97,020	104,520	94
North Dakota.....	303,200	320,800	31,129	33,001	103
South Dakota.....	323,000	370,000	31,225	36,337	98
Nebraska.....	1,282,000	999,000	127,344	99,806	100
Kansas.....	1,371,000	1,091,000	128,044	100,139	92
Delaware and Maryland ³	90,700	69,700	8,195	6,367	91
Virginia.....	21,100	16,500	1,735	1,463	89
West Virginia.....	8,300	5,200	740	477	92
North Carolina.....	5,300	4,100	507	356	87
South Carolina.....	600	900	48	63	70
Georgia.....	2,400	2,000	199	169	84
Florida.....	500	600	35	43	72
Kentucky.....	122,600	185,700	10,082	16,111	87
Tennessee.....	50,500	71,300	4,087	5,639	79
Alabama.....	1,300	2,300	106	173	75
Mississippi.....	1,900	2,200	142	161	73
Arkansas.....	600	500	58	40	80
Louisiana.....	2,800	4,700	211	390	83
Oklahoma.....	263,800	260,600	22,237	23,038	88
Texas.....	1,035,000	1,195,000	82,681	99,120	83
Montana.....	7,400	6,500	778	665	102
Idaho.....	15,100	11,700	1,576	1,282	110
Wyoming.....	4,000	2,900	401	285	98
Colorado.....	752,000	984,000	74,385	97,751	99
New Mexico.....	9,100	10,600	843	844	80
Arizona.....	24,700	30,600	2,320	2,950	96
Utah.....	84,100	81,200	8,665	8,724	107
Nevada.....	9,700	8,900	966	906	102
Washington.....	212,400	185,500	21,448	18,979	102
Oregon.....	177,200	146,900	17,089	14,484	99
California.....	2,209,000	2,164,000	211,372	212,357	98
United States.....	18,207,000	16,987,900	1,693,076	1,592,994	94

¹ Includes slaughter under Federal inspection and other wholesale and retail slaughter; excludes farm slaughter.

² Preliminary.

³ Includes the District of Columbia.

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TABLE 482.—*Sheep and lambs: Average price per 100 pounds at Chicago, 1939-48*¹

Year beginning May—	Sheep			Lambs			Year beginning May—	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
1939.....	<i>Dol.</i> 3.30	<i>Dol.</i> 4.89	<i>Dol.</i> 3.96	<i>Dol.</i> 9.42	<i>Dol.</i> 9.59	<i>Dol.</i> 9.49	1944.....	<i>Dol.</i> 5.41	<i>Dol.</i> 7.81	<i>Dol.</i> 6.41	<i>Dol.</i> 13.93	<i>Dol.</i> 15.55	<i>Dol.</i> 14.61
1940.....	3.27	5.28	4.11	9.65	10.36	9.95	1945.....	6.43	7.21	6.76	14.46	14.71	14.56
1941.....	4.61	6.44	5.38	11.54	12.24	11.83	1946.....	8.14	8.85	8.43	19.70	22.80	20.99
1942.....	5.93	8.54	7.02	14.46	16.42	15.28	1947.....	7.89	11.35	9.33	22.39	23.52	22.86
1943.....	6.93	7.72	7.26	14.41	15.35	14.80	1948.....	10.18	11.35	10.67	25.98	26.92	26.37

¹ Simple average of monthly bulk-of-sales prices, from data of the livestock reporting service. Production and Marketing Administration.

TABLE 483.—*Lamb, dressed: Wholesale price per 100 pounds, Chicago, 1939-48*¹

Year	Choice, 40 to 45 pounds	Good, 40 to 45 pounds	Commercial, all weights ²	Utility, all weights ³	Year	Choice, 40 to 45 pounds	Good, 40 to 45 pounds	Commercial, all weights	Utility, all weights
1939.....	<i>Dol.</i> 17.26	<i>Dol.</i> 16.33	<i>Dol.</i> 15.07	<i>Dol.</i> 13.58	1944.....	<i>Dol.</i> 25.18	<i>Dol.</i> 23.68	<i>Dol.</i> 21.68	<i>Dol.</i> 19.44
1940.....	17.65	16.49	14.95	13.58	1945.....	25.18	23.68	21.68	19.44
1941.....	19.25	18.09	16.43	15.07	1946.....	32.75	31.08	27.80	23.31
1942.....	23.74	22.65	19.96	18.01	1947.....	44.13	42.58	37.83	29.67
1943.....	26.13	24.63	22.63	20.39	1948.....	50.66	49.12	44.74	-----

¹ Prices calculated from mean of daily range of quotations.

² Medium grade prior to 1941.

³ Common grade prior to 1941.

Production and Marketing Administration.

TABLE 484.—Wool: Jan. 1 stocks of apparel wool, number of sheep shorn, weight per fleece, production, average price per pound received by farmers, cash receipts, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1930-48

Year	Jan. 1 stocks of apparel wool ¹	Sheep and lambs shorn	Weight per fleece	Shorn wool production	Price per pound	Cash receipts	Pulled wool production		Apparel wool				Carpet wool, imports for consumption ³
							Average weight per skin	Total	Total production	Exports, domestic ²	Imports for consumption ³	Total new supply ⁴	
							<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	
1930.....	44,549	7.90	352,129	19.5	68,739	3.32	61,900	414,029	162	70,135	484,002	90,621	
1931.....	46,832	8.04	376,301	13.6	51,039	3.24	66,100	442,401	274	42,915	485,042	113,795	
1932.....	45,207	7.76	350,996	8.6	30,202	3.34	67,100	418,096	179	13,522	431,439	39,195	
1933.....	46,005	8.13	374,152	20.6	77,065	3.30	64,200	438,352	19	59,341	497,674	114,468	
1934.....	46,421	7.95	368,860	21.9	80,709	3.17	60,500	429,360	119	29,258	458,499	79,084	
1935.....	372,748	44,991	361,531	19.3	69,613	3.20	66,000	427,531	20	41,984	469,955	158,477	
1936.....	234,533	44,663	353,211	26.9	94,915	3.21	66,200	419,411	16	110,712	530,107	143,276	
1937.....	206,098	44,284	356,078	32.0	113,807	3.24	66,200	422,278	68	150,160	572,370	172,091	
1938.....	238,228	44,889	359,925	19.1	68,917	3.28	64,500	424,425	1,343	30,812	453,894	71,908	
1939.....	230,225	45,195	361,689	22.3	80,683	3.32	64,500	426,189	179	98,194	524,204	144,875	
1940.....	177,291	46,313	372,014	28.4	105,539	3.30	62,000	434,014	456	222,983	656,541	134,691	
1941.....	193,841	47,722	387,520	35.5	137,754	3.42	65,800	453,320	38	613,566	1,066,848	203,249	
1942.....	447,398	49,287	388,297	40.1	155,728	3.55	66,700	454,997	111	782,647	1,237,533	72,017	
1943.....	674,739	47,892	378,843	41.7	157,825	3.43	65,200	444,043	27,924	642,887	1,059,006	33,489	
1944.....	815,549	43,165	338,318	42.4	143,513	3.42	73,500	411,818	7,476	581,843	986,190	34,775	
1945.....	749,183	38,763	307,949	41.9	129,122	3.58	70,500	378,449	28,797	725,237	1,074,889	79,521	
1946.....	797,969	34,718	280,487	42.3	118,639	3.76	61,300	341,787	16,008	923,814	1,249,593	125,418	
1947.....	892,869	31,241	252,798	42.0	106,062	3.67	56,600	309,398	12,720	528,171	824,849	112,120	
1948 ⁷	706,140	29,060	233,924	48.8	114,072	3.59	46,600	280,524	1,154	596,466	875,836	160,634	

¹ As reported by Bureau of the Census. Includes wool stored in bonded warehouses prior to payment of duty. Excludes wool on farms for all years, and wool stored for the British Government for re-export, 1942-46.

² Includes hair of the angora goat, alpaca, and other like animals.

³ General imports less re-exports, 1930-33, inclusive. Apparel wool for all years includes the item "not finer than 40's" both free and dutiable. Carpet wool includes only Donskoi, Smyrna, East Indian, Chinese, and similar wool without merino or English blood.

⁴ Production, minus exports, plus imports; stocks not taken into consideration.

⁵ For the years 1930-35 the item "not finer than 40's" has been deducted from carpet wool totals reported by the Department of Commerce and added to apparel wool, thus making entire series comparable.

⁶ Does not include 222,222.220 pounds in 1942; 275,476,308 pounds in 1943; 2,725,929 pounds in 1944; 5,372,698 pounds in 1945, and 14,840 pounds in 1946, imported free of duty as an act of international courtesy. Wool so imported consisted almost entirely of wool stored in this country for the British Government, and later re-exported. This wool was not available to domestic mills.

⁷ Preliminary.

Bureau of Agricultural Economics. Imports and exports from Foreign Commerce and Navigation of the United States and other official reports of the Department of Commerce. Data for 1909-29 in Agricultural Statistics, 1942, table 556.

TABLE 485.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and cash receipts, by States, average 1937-46, annual 1947 and 1948

State and division	Sheep and lambs shorn			Weight per fleece ²			Shorn-wool production			Price per pound			Cash receipts		
	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948	Average 1937-46	1947	1948
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	38	25	22	6.3	6.5	6.4	241	162	141	37	42	42	87	68	59
New Hampshire.....	9	7	7	6.2	6.6	6.6	55	46	46	35	43	44	19	20	20
Vermont.....	19	11	11	6.6	6.6	6.5	125	73	72	37	42	43	44	31	31
Massachusetts.....	7	7	7	6.0	6.2	6.3	43	43	44	37	46	47	16	20	21
Rhode Island.....	2	2	2	5.9	6.0	6.0	12	12	12	38	46	47	5	6	6
Connecticut.....	5	5	5	5.9	6.0	6.0	28	30	30	38	46	47	11	14	14
New York.....	274	166	154	7.2	7.2	7.2	1,978	1,195	1,109	37	44	43	722	526	477
New Jersey.....	6	6	6	6.6	6.5	6.9	39	39	41	38	45	44	15	18	18
Pennsylvania.....	331	216	207	7.5	7.6	7.5	2,488	1,642	1,552	38	44	54	923	722	838
North Atlantic.....	691	445	421	7.24	7.29	7.24	5,009	3,242	3,047	37.5	44.0	48.7	1,842	1,425	1,484
Ohio.....	1,840	1,132	1,053	8.1	8.3	8.2	14,860	9,396	8,635	37	46	49	5,343	4,322	4,231
Indiana.....	629	417	367	7.3	7.8	7.6	4,572	3,253	2,789	37	43	45	1,690	1,399	1,255
Illinois.....	680	467	441	7.9	8.1	8.0	5,358	3,766	3,535	36	41	43	1,931	1,544	1,520
Michigan.....	790	415	403	8.0	8.2	8.1	6,288	3,403	3,264	38	45	46	2,283	1,531	1,501
Wisconsin.....	366	249	229	7.7	7.9	7.8	2,798	1,967	1,786	37	43	43	1,010	846	768
East North Central.....	4,305	2,680	2,493	7.88	8.13	8.03	33,876	21,785	20,009	36.8	44.3	46.4	12,257	9,642	9,275
Minnesota.....	1,019	648	570	7.8	8.0	7.6	7,923	5,184	4,332	36	43	46	2,815	2,229	1,993
Iowa.....	1,196	827	712	7.9	8.2	8.1	9,378	6,781	5,767	35	42	44	3,298	2,848	2,537
Missouri.....	1,403	1,124	1,061	6.8	7.2	7.1	9,492	8,047	7,538	36	40	44	3,433	3,219	3,317
North Dakota.....	816	498	434	8.7	8.7	8.4	7,080	4,333	3,646	33	41	44	2,384	1,777	1,604
South Dakota.....	1,441	955	803	8.3	8.3	8.1	11,942	7,880	6,471	35	43	51	4,246	3,388	3,300
Nebraska.....	389	217	265	8.3	8.5	8.4	3,252	1,835	2,223	31	38	40	1,014	697	889
Kansas.....	578	370	375	8.2	8.7	8.2	4,744	3,209	3,067	31	39	40	1,619	1,252	1,227
West North Central.....	6,842	4,639	4,220	7.86	8.03	7.83	53,811	37,269	33,044	34.4	41.3	45.0	18,709	15,410	14,867
North Central.....	11,147	7,319	6,713	7.85	8.07	7.90	87,687	59,054	53,053	35.3	42.4	45.5	30,966	25,052	24,142
Delaware.....	2	2	2	6.5	6.5	6.5	13	13	13	39	44	44	5	6	6
Maryland.....	53	40	41	6.2	6.4	6.3	332	256	258	39	44	44	127	113	114
Virginia.....	329	271	264	5.1	5.2	5.3	1,669	1,409	1,346	42	49	50	684	690	673
West Virginia.....	407	289	274	5.2	5.3	5.3	2,099	1,532	1,452	41	46	47	826	705	682
North Carolina.....	46	34	32	5.1	5.3	5.3	235	180	170	38	47	49	88	85	83
South Carolina.....	6	4	4	5.0	5.0	5.0	28	20	20	34	40	41	9	8	8
Georgia.....	18	13	12	4.2	4.4	4.4	75	57	53	32	41	42	24	23	22
Florida.....	21	12	12	3.2	3.3	3.3	68	40	40	34	43	44	22	17	18
South Atlantic.....	882	665	631	5.12	5.27	5.31	4,519	3,507	3,352	40.5	47.0	47.9	1,785	1,647	1,606

Kentucky.....	931	724	739	5.6	6.3	6.2	5,178	4,561	4,582	40	47	49	2,078	2,144	2,245
Tennessee.....	348	297	282	4.8	5.0	5.0	1,678	1,485	1,410	39	47	49	659	698	691
Alabama.....	31	22	21	4.1	4.5	4.3	127	99	90	34	42	42	42	42	38
Mississippi.....	66	79	87	3.4	3.8	3.4	223	300	296	35	44	45	82	132	133
Arkansas.....	80	51	51	4.8	4.9	5.1	388	250	260	37	43	43	140	108	112
Louisiana.....	222	163	144	3.3	3.4	3.4	726	554	490	35	43	45	251	238	220
Oklahoma.....	260	140	126	8.5	8.7	8.0	2,203	1,218	1,008	29	36	36	616	438	363
Texas.....	9,960	8,013	7,219	7.8	7.7	7.7	77,296	61,946	55,653	35	43	54	27,291	26,637	30,053
South Central.....	11,898	9,489	8,669	7.39	7.42	7.36	87,819	70,413	63,789	35.6	43.2	53.1	31,159	30,437	33,855
Montana.....	2,966	1,903	1,769	9.3	9.1	9.4	27,492	17,317	16,629	35	45	56	9,650	7,793	9,312
Idaho.....	1,632	1,053	1,053	9.5	9.9	10.0	15,432	10,425	10,530	34	42	49	5,167	4,378	5,160
Wyoming.....	3,091	2,203	2,092	9.6	9.9	9.6	29,788	21,810	20,083	33	39	46	9,699	8,506	9,238
Colorado.....	1,619	1,210	1,149	8.4	9.0	8.5	13,599	10,890	9,766	33	41	47	4,526	4,465	4,590
New Mexico.....	1,926	1,362	1,344	8.0	8.3	8.2	15,329	11,361	10,976	30	35	43	4,651	3,976	4,720
Arizona.....	633	405	363	6.8	7.5	7.2	4,283	3,027	2,638	31	35	37	1,297	1,059	976
Utah.....	1,884	1,381	1,366	9.0	9.5	9.3	16,862	13,120	12,704	32	40	48	5,394	5,248	6,098
Nevada.....	648	444	434	8.3	8.6	8.5	5,356	3,818	3,689	32	41	46	1,698	1,565	1,697
Washington.....	560	382	347	9.1	9.3	9.6	5,089	3,556	3,326	32	40	43	1,599	1,422	1,430
Oregon.....	1,390	705	663	8.8	8.8	9.2	12,245	6,204	6,100	34	42	48	3,919	2,606	2,928
California.....	3,259	2,275	2,046	6.9	6.6	7.0	22,605	15,054	14,242	35	43	48	7,800	6,473	6,836
Western.....	19,608	13,323	12,626	8.57	8.75	8.77	168,080	116,582	110,683	33.4	40.7	47.9	55,400	47,491	52,985
United States.....	44,226	31,241	29,060	7.99	8.09	8.05	353,114	252,798	233,924	34.3	42.0	48.8	121,152	106,052	114,072

¹ Includes sheep shorn at commercial feeding yards.

² For Texas and California the weight per fleece is the amount of wool shorn, per sheep and lamb during the year.

Bureau of Agricultural Economics.

TABLE 486.—Wool (greasy basis): Production in specified countries, average 1936-40, annual 1944-48¹

Continent and country	Average 1936-40	1944	1945	1946	1947	1948 ²
North America:						
Canada.....	15.6	19.3	19.6	17.1	14.1	11.9
United States:						
Shorn.....	360.6	338.3	307.9	280.4	252.8	233.9
Pulled.....	64.7	73.5	70.5	61.3	56.6	46.6
Total.....	425.3	411.8	378.4	341.7	309.4	280.5
Estimated total ³	451.7	442.2	409.2	370.0	334.7	303.6
Europe:						
Austria.....	1.3	2.0	2.0	1.7	1.8	2.0
Bulgaria.....	28.7	23.4	19.3	21.9	25.7	28.6
Eire.....	17.2	15.9	16.1	14.5	13.0	12.0
Estonia.....						
Finland.....	2.7	2.2	2.2	2.6	2.4	2.4
France ⁵	37.1	26.0	25.0	26.5	28.6	29.3
Germany ⁶	31.7	37.0	34.0	25.7	25.4	26.8
Greece.....	19.3	9.3	11.2	14.5	16.9	16.4
Hungary.....	12.9	8.2	2.3	3.3	4.0	5.0
Italy.....	30.4	23.4	23.8	24.7	27.0	28.0
Latvia.....						
Lithuania.....						
Netherlands.....	3.1	2.4	2.4	2.7	2.3	2.2
Norway.....	5.9	6.2	6.1	5.8	6.0	5.9
Poland ⁸	6.8					
Portugal.....	16.3	16.7	15.8	17.6	18.0	18.0
Rumania ⁹	40.7					
Spain.....	70.0	88.0	81.5	79.0	77.0	88.0
United Kingdom.....	110.1	85.6	83.7	87.5	71.8	75.0
Yugoslavia.....	34.7					
Estimated total (excl. U. S. S. R.) ⁷	479.5	412.5	382.1	390.8	384.4	408.0
U. S. S. R.: ⁸	310.2	277.3	282.0	287.2	285.8	304.6
Asia:						
Iran.....	36.3	27.7	28.7	29.5	30.0	29.8
Iraq.....	21.6	22.0	23.0	24.2	24.2	32.7
Syria.....	10.7	12.0	13.6	13.3	12.7	12.1
Turkey.....	67.7	67.0	70.0	69.0	60.2	64.1
Afghanistan.....	15.0	15.0	15.0	15.0	15.0	15.0
China ¹⁰	88.0	75.0	75.0	75.0	75.0	75.0
India.....	72.9	76.0	75.0	54.5	54.5	53.0
Pakistan.....				26.0	26.0	26.0
Estimated total ¹²	344.2	326.8	332.5	339.8	330.8	341.1
South America:						
Argentina ¹³	411.0	505.0	505.0	515.0	475.0	419.0
Brazil ¹⁴	35.5	40.0	39.0	45.0	48.0	41.9
Chile.....	32.6	37.5	37.5	38.6	39.2	41.9
Peru ¹⁵	19.4	16.9	16.2	17.6	15.9	17.2
Uruguay ¹⁶	126.2	156.6	175.2	176.0	158.7	149.9
Estimated total ¹⁷	638.9	772.2	790.0	809.7	754.3	695.8
Africa:						
Algeria.....	22.6	22.7	21.6	19.8	13.8	13.2
Egypt.....	7.5	5.6	5.6	5.6	5.6	5.6
French Morocco.....	35.1	39.0	40.0	30.0	25.0	28.0
Libya.....			3.3	3.4	3.4	1.0
Tunisia.....	12.0	13.0	13.2	11.8	11.0	7.9
Union of South Africa ¹⁸	252.3	217.7	210.0	209.3	202.9	210.0
Estimated total ¹⁹	336.8	305.0	297.5	283.7	265.3	269.5
Oceania:						
Australia.....	1,051.9	1,016.5	936.2	976.8	1,019.0	1,065.0
New Zealand.....	313.8	372.0	365.0	360.0	345.6	335.0
Estimated total.....	1,365.9	1,388.6	1,301.3	1,336.9	1,364.7	1,400.1
Estimated world total ²⁰	3,930.0	3,930.0	3,800.0	3,820.0	3,720.0	3,720.0

See footnotes at bottom of page 393.

TABLE 487.—Wool: Reported mill consumption, United States, 1939-48

Year	Grease basis ¹									Scoured basis ⁴	
	Apparel						Carpet (duty-free) ³			Apparel	Carpet
	Domestic			Foreign (dutiab) ²							
	Shorn	Pulled	Total	Shorn	Pulled	Total	Shorn	Pulled	Total		
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
1939	484.8	66.5	551.3	66.6	12.3	78.9	142.6	5.9	148.5	293.1	103.4
1940	422.7	64.1	486.8	139.7	14.4	154.1	132.5	5.0	137.5	310.0	97.8
1941	430.2	63.7	493.9	450.7	32.4	483.1	182.6	7.4	190.1	515.7	132.3
1942 ⁵	463.3	77.3	540.6	484.1	52.5	536.6	57.5	3.4	60.9	571.4	44.0
1943 ⁶	355.6	74.9	430.5	559.1	71.9	631.0	40.8	2.9	43.7	591.9	32.2
1944	261.7	56.9	318.6	606.8	83.6	690.4	56.3	4.8	61.2	577.0	45.8
1945	197.1	54.7	251.8	675.6	85.4	761.0	72.2	3.9	76.1	589.2	55.9
1946 ⁶	174.9	54.2	229.1	732.5	89.3	821.8	169.3	10.4	179.7	609.6	127.9
1947 ^{5 6}	333.6	48.2	381.8	540.3	59.3	599.6	224.0	16.6	240.6	525.9	172.3
1948 ⁷									292.4	485.2	207.9

¹ Total mill consumption of greasy and scoured shorn wool converted to a greasy shorn equivalent and total consumption of greasy and scoured pulled wool converted to a greasy pulled equivalent.
² Prior to 1942 includes a small amount of duty-free foreign wool and excludes a small amount of duty-paid foreign wool.
³ Prior to 1942 includes Donskoi, Smyrna, East Indian, Chinese and similar wools, particularly suitable for floor coverings, and excludes all other wool, whether duty-free or dutiable.
⁴ Total consumption of greasy and scoured wool (both shorn and pulled) converted to a scoured basis.
⁵ 52-week totals computed from weekly averages for reporting year, which covered 51 weeks in 1942 and 53 weeks in 1943 and 1947. ⁶ Revised.
⁷ Distribution of mill consumption of apparel wool, grease basis, by domestic and foreign (or by shorn and pulled) was not reported for 1948 by the Bureau of the Census.
 Bureau of Agricultural Economics. Compiled from wool consumption reports of the Bureau of the Census.

FOOTNOTES FOR TABLE 486:

¹ For summary purposes wool produced mostly in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or October 1 of the same year in the Southern Hemisphere. Pulled wool is included for most countries at its greasy equivalent.
² Preliminary.
³ Includes estimates for Mexico, Newfoundland, Netherlands West Indies, Guatemala, and El Salvador.
⁴ Includes Southern Dobrudja beginning 1944.
⁵ Data for years 1945 and 1946 not comparable with prewar and 1947.
⁶ Based on present boundaries.
⁷ Includes estimates for Albania and for countries producing 2 million pounds or less, namely Belgium, Czechoslovakia, Denmark, Iceland, Sweden, and Switzerland.
⁸ Based on the number of sheep and an average fleece weight of 4.7 pounds per head.
⁹ Includes Lebanon.
¹⁰ Includes China proper (22 provinces), Manchuria, Jehol, and Sinkiang (Turkestan).
¹¹ Includes Pakistan.
¹² Includes estimates for Cyprus, Palestine, Transjordan, and Outer Mongolia.
¹³ Based on estimates of the Buenos Aires Branch, First National Bank of Boston, through 1947.
¹⁴ Estimates based largely on production in Rio Grande do Sul, which produces about 80 percent of the total.
¹⁵ Based on surveys of the Junta Nacional de la Industria Lanar.
¹⁶ Estimates of the Camara Mercantil de Productos del Pais (Mercantile Exchange of Uruguay).
¹⁷ Includes relatively small production in Bolivia, Colombia, Ecuador, Falkland Islands, Paraguay, and Venezuela.
¹⁸ Union of South Africa, Union Protectorates, and South West Africa.
¹⁹ Includes estimates for Kenya, French West Africa, and Togo.
²⁰ Rounded to tens of millions.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research and other information. Estimates for countries having changed boundaries have been adjusted to present boundaries, except as noted.

TABLE 488.—Wool: Average price per pound, Boston and London, 1939-48

Market and classification	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Boston:	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Clean basis, Territory: ¹										
Grades 64's, 70's, 80's, fine combing..	83	96	109	119	118	119	119	119	122	130
Grade 56's, 3/8 blood combing.....	69	80	91	103	104	104	104	104	108	113
Grease basis, Bright Fleecce: ² Grade 56's, 3/8 blood combing.....	36	41	47	52	54	54	54	54	56	58
London:										
Clean basis:										
Grade 64's, 70's.....	(3)								115	180
Grade 56's.....	(3)								475	99

¹ Wools grown under range conditions. Territory wools show a wide variation in shrinkage and color.

² Wools that are bright in color and of relatively light shrinkage. Nearly all the wools grown in the States east of the Mississippi River are of this type. Bright wools are also grown in parts of Minnesota, Iowa, and Missouri. Wools from Kentucky, Virginia, and Tennessee usually bring prices from 1 to 3 cents per pound, grease basis, above other bright fleeces, because of their lighter shrinkage. Prior to 1938, the "Bright Fleecce" wools were designated as "Ohio and Pennsylvania" wools.

³ London wool auctions were suspended at outbreak of war. Supplies and prices under Government control. No quotations after July 1939.

⁴ 10-month average.

Production and Marketing Administration and Bureau of Agricultural Economics.

TABLE 489.—Wool-top futures: Volume of trading, annual average of month-end open contracts, and highest and lowest prices per pound, Wool Associates of the New York Cotton Exchange, Inc.,¹ 1939-48

Year beginning April	Volume of trading	Average of open contracts	Price		Year beginning April	Volume of trading	Average of open contracts	Price	
			Highest	Lowest				Highest	Lowest
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents</i>	<i>Cents</i>
1939.....	144.4	9.6	127.5	77.2	1944.....	43.0	4.8	135.0	108.5
1940.....	161.7	8.8	129.5	82.3	1945.....	37.7	5.6	134.0	111.7
1941.....	54.2	4.4	137.1	115.8	1946.....	20.0	4.4	170.0	127.0
1942.....	38.3	3.8	136.1	115.0	1947.....	28.7	4.1	190.0	124.0
1943.....	39.1	4.2	137.0	104.0	1948.....	50.0	5.2	201.0	140.5

¹ Only market trading in wool-top futures.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members. Prices compiled from records of the Wool Associates of the New York Cotton Exchange.

TABLE 490.—Wool (actual weight): International trade, average 1935-39, annual 1946-48

Continent and country	Average 1935-39		1946		1947 ¹		1948 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:								
Canada.....	6,241	19,337	5,375	53,169	3,131	39,339	3,070	42,399
Mexico.....	(²)	2,041	5	12,092	(²)	9,140	(³)	(²)
United States.....	325	224,498	13,389	1,246,727	12,720	644,000	1,071	757,523
Total.....	6,566	245,876	18,769	1,311,988	15,851	692,479	4,141	799,922
Europe:								
Austria.....	183	4 ⁴ 20,900	(³)	(³)	733	11,969	360	12,175
Belgium.....	98,316	226,345	16,789	263,683	69,548	260,286	51,039	164,700
Bulgaria.....	4	1,693	(³)	(³)	(²)	(³)	(³)	(³)
Czechoslovakia.....	4 ⁴ 1,050	4 ⁴ 36,387	0	25,006	0	64,805	0	38,593
Denmark.....	353	4,149	991	9,235	621	12,812	390	8,966
Eire.....	14,250	691	8,355	4,413	8,749	6,280	9,421	4,547
Finland.....	0	5,772	1	3,157	0	7,104	0	8,168
France.....	59,575	403,345	3,494	482,288	6,682	424,400	2,728	483,670
Germany.....	0	269,932	0	0	0	(³) (²)	0	74,000
Greece.....	1,706	7,717	0	2,158	0	4,250	0	5,152
Hungary.....	839	2,126	0	2,476	0	7,765	(³)	(³)
Iceland.....	1,512	0	1,700	0	1,240	0	747	0
Italy.....	1,040	78,953	0	162,463	8 1,703	8 298,786	8 2,664	8 128,503
Netherlands.....	3,908	16,318	4,797	32,419	1,014	56,059	1,287	35,329
Norway.....	272	2,161	19	17,767	9	8,862	1	7,672
Poland.....	4 80	4 46,045	0	9 42,461	0	40,600	0	48,300
Portugal.....	2,188	3,377	88	14,610	815	15,935	645	4,486
Rumania.....	600	1,334	(³)	(³)	(³)	(³)	(³)	(³)
Spain.....	10 2,195	10 12,236	(²)	7,302	44	5,533	(²)	11,583
Sweden.....	427	16,885	5,894	39,270	1,400	31,977	(³)	31,000
Switzerland.....	271	17,234	1,829	37,639	501	30,392	303	20,702
United Kingdom.....	26,072	628,893	41,185	384,945	25,105	468,595	20,702	522,263
Yugoslavia.....	1,143	8,179	(²)	(³)	(³)	(³)	(³)	(²)
Total.....	215,984	1,800,677	85,132	1,521,292	118,164	1,755,410	90,287	1,604,830
U.S.S.R. ¹¹		67,550	(³)	(³)	(³)	8 29,509	(³)	8 59,621
Asia:								
Cyprus.....	1,226	0	(³)	(³)	(³)	(³)	(³)	(³)
Iran.....	12,890	0	5,513	1,095	5,671	1,086	(³)	(³)
Iraq.....	13,651	0	16,307	0	6,162	0	15,573	0
Lebanon.....	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	(¹²)	8,762	0
Syria.....	4 5,787	4 386	6,302	0	8,031	0	6,612	0
Turkey.....	17,639	1,182	1,159	10,400	1,739	11,905	1,059	7,694
Afghanistan.....	(³)	(³)	(³)	(³)	(³)	(³)	3,485	0
China.....	23,608	0	1,036	0	3,507	0	(²)	(³)
India.....			32,172	17,450	8,503	5,743	11,200	14,537
Japan.....	0	188,257	(³)	(³)	0	3,200	(³)	(³)
Pakistan.....			(¹³)	(¹³)	(¹³)	(¹³)	26,526	192
Total.....	74,801	189,825	62,489	28,945	33,613	21,934	73,217	22,423
South America:								
Argentina.....	305,725	80	452,404	0	376,394	0	418,202	0
Bolivia.....	0	166	0	2,814	(³)	(³)	(³)	(³)
Brazil.....	10,151	3,783	4,796	3,967	9,169	6,909	15,631	6,236
Chile.....	23,335	769	16,667	3,897	13,148	2,112	16,512	2,171
Colombia.....	59	36	73	2,133	(³)	(³)	(³)	(³)
Ecuador.....	132	0	(³)	(³)	(³)	(³)	(³)	(³)
Falkland Islands.....	4,084	0	(³)	(³)	3,340	0	3,364	0
Peru.....	5,130	0	645	263	972	0	545	0
Uruguay.....	105,478	0	130,013	0	159,633	0	136,345	0
Total.....	454,035	4,798	604,598	13,074	562,656	9,021	690,599	8,407

See footnotes at end of table.

TABLE 490.—Wool (actual weight): International trade, average 1935-39, annual 1946-48—Continued

Continent and country	Average 1935-39		1946		1947 ¹		1948 ¹	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Africa:								
Algeria.....	12,822	0	741	3,366	(²)	(²)	138	7,912
Egyptian Sudan.....			71	53	(²)	(²)	(²)	(²)
Kenya and Uganda.....			669	0	909	0	(²)	(²)
Egypt.....	4,489	0	1,797	1,457	646	1,369	974	1,616
French Morocco.....	10,036	0	4,931	1,246	2,590	4,475	(²)	(²)
Southern Rhodesia.....			18	0	9	0	(²)	(²)
Tunisia.....	43,241	0	524	0	0	230	0	452
Union of South Africa.....	228,555	0	467,404	7,731	220,400	0	225,300	0
Total.....	259,143	0	475,155	12,853	224,554	6,074	226,412	9,980
Oceania:								
Australia.....	821,740	0	11,168,964	15,141	940,500	0	1,070,000	0
New Zealand.....	273,618	0	365,199	0	354,490	0	412,000	0
Total.....	1,095,358	0	1,354,163	5,141	1,294,990	0	1,482,700	0
World total.....	2,105,887	2,308,726	2,780,306	2,893,293	2,249,828	2,514,427	2,467,356	2,505,183

¹ Preliminary.² Less than 600 pounds.³ Not available.⁴ Four year average, 1935-38.

⁵ Beginning April 1938, trade between Austria and Germany no longer reported as foreign trade in Germany statistics. The same applies to trade between Czechoslovakia for the period October to December 1938.

⁶ Imports commenced September 1947.⁷ Based on exports from primary sources.⁸ Includes scoured, dyed, and waste.⁹ UNRRA supplied 37 million pounds. The rest was supplied by U.S.S.R.¹⁰ Two-year average.¹¹ Present territory.¹² Included in Syria.¹³ Included in India.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics of foreign governments, reports of U. S. Foreign Service officers, and other information.

TABLE 491.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and cash receipts, 7 principal producing States, 1930-48

Year	Goats clipped	Average clip per goat ¹	Mohair production	Price per pound	Cash receipts	Year	Goats clipped	Average clip per goat ¹	Mohair production	Price per pound	Cash receipts
1930.....	4,241	4.1	17,583	33.5	5,887	1940.....	4,297	4.9	21,144	49.7	10,504
1931.....	4,457	4.3	19,376	16.6	3,224	1941.....	4,542	4.8	21,766	56.9	12,389
1932.....	4,201	4.0	16,935	9.0	1,520	1942.....	4,322	4.8	20,676	49.3	10,203
1933.....	4,092	4.0	16,539	29.2	4,834	1943.....	4,276	4.7	20,156	57.1	11,518
1934.....	3,916	4.1	16,182	18.8	3,047	1944.....	4,109	5.0	20,467	60.1	12,306
1935.....	3,565	4.4	15,720	36.4	5,716	1945.....	4,291	5.1	22,038	55.3	12,192
1936.....	3,715	4.3	16,124	53.7	8,663	1946.....	3,943	4.9	19,329	61.1	11,803
1937.....	3,774	4.4	16,528	54.0	8,918	1947.....	3,729	5.0	18,476	53.7	9,923
1938.....	3,918	4.3	16,827	34.8	5,863	1948 ²	3,324	5.0	16,569	45.4	7,526
1939.....	4,068	4.6	18,785	47.3	8,882						

¹ In States where goats are clipped twice a year, the number clipped is the sum of the goats and kids clipped in the spring and of kids clipped in the fall.

² Preliminary.

Bureau of Agricultural Economics. Data for 1920-29 in Agricultural Statistics, 1942, table 566.

TABLE 492.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and cash receipts, by States, average 1937-46, annual 1947 and 1948

State	Goats clipped ¹			Average clip per goat			Mohair production			Price per pound			Cash receipts		
	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²	Average 1937-46	1947	1948 ²
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Missouri.....	84	61	56	2.5	2.9	2.3	204	177	129	40	38	28	81	67	36
Texas.....	3,541	3,445	3,100	4.9	5.1	5.1	17,250	17,407	15,810	54	54	46	9,324	9,422	7,273
New Mexico.....	184	72	46	5.0	5.1	5.3	910	368	243	48	53	39	430	195	95
Arizona.....	189	72	53	4.0	3.2	2.1	761	232	116	48	52	37	362	121	43
Utah.....	26	4	3	5.2	3.0	3.2	138	12	10	41	37	34	55	4	3
Oregon.....	105	57	50	3.9	3.8	4.1	417	217	205	42	42	29	171	91	59
California.....	25	18	16	3.6	3.5	3.5	92	63	56	38	37	30	35	23	17
Total.....	4,154	3,729	3,324	4.8	5.0	5.0	19,772	18,476	16,569	52.6	53.7	45.4	10,458	9,923	7,526

¹ In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and of kids clipped in the fall.
² Preliminary.

³ For 1947, mohair sold in 1947 and 1948.
 Bureau of Agricultural Economics.

TABLE 493.—Meat and meat food products from foreign countries federally inspected and passed for entry into the United States, 1939-48

Year	Chilled and frozen fresh meats			Cured meat	Canned meat	Sausage (not canned)	Other products ¹	Total
	Beef and veal	Mutton and lamb	Pork					
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939	3,057.7	240.6	2,303.1	3,937.2	131,454.9	731.0	4,294.1	146,018.6
1940	13,103.4	54.4	3,270.9	1,895.5	58,263.3	353.0	4,955.7	81,896.2
1941	42,044.3	348.9	10,648.2	3,023.9	100,715.7	196.8	12,301.7	169,279.5
1942	17,082.3	449.2	11.2	3,465.8	96,888.0	391.4	22,605.7	140,893.6
1943	1,152.9	778.3	-----	6,458.0	85,605.5	2,169.4	9,062.4	105,226.5
1944	3,431.2	6.3	-----	2,474.2	33,680.0	208.6	6,811.9	46,611.2
1945	4,079.4	-----	9.7	12,266.0	54,108.0	236.4	9,273.2	79,972.7
1946	3,126.5	9.5	152.2	11,707.3	61,221.2	82.7	2,888.1	79,187.5
1947	1,380.0	-----	56.3	3,538.9	37,232.9	11.1	2,438.7	44,657.9
1948	83,552.5	2,820.0	98.6	2,870.1	128,159.3	140.3	12,811.4	230,452.2

¹ Includes oleo stock, oleo oil, oleostearin, edible tallow, extracts and bouillon cubes, pastes, etc. Bureau of Animal Industry.

TABLE 494.—Meat and meat food products prepared and processed under Federal inspection, 1942-48¹

Product	1942	1943	1944	1945	1946	1947	1948
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Meat placed in cure:							
Beef	125,067	148,108	117,781	113,129	68,442	124,029	112,540
Pork	3,183,183	3,646,583	3,688,109	2,402,085	2,577,861	3,029,593	3,066,223
Smoked and/or dried:							
Beef	65,458	42,900	62,615	44,242	28,072	68,103	56,649
Pork	1,812,574	2,210,387	2,257,538	1,487,354	1,599,312	1,840,341	1,885,816
Sausage:							
Fresh, finished	200,384	391,444	416,235	479,161	315,569	246,968	231,636
Smoked and/or cooked	811,937	985,358	1,029,976	1,101,153	973,675	1,019,089	932,457
To be dried or semidried	118,963	144,950	142,192	135,881	109,398	136,503	108,835
Loaf, headcheese, chile con carne, jellied products, etc.	182,066	241,110	209,064	249,762	208,409	191,123	184,054
Cooked meat:							
Beef	12,583	28,640	32,923	32,712	24,726	33,339	27,288
Pork	259,227	362,004	486,679	323,096	426,106	526,138	524,621
Canned meat and meat food products:							
Beef	157,950	109,467	187,107	268,385	146,173	136,452	116,417
Pork	977,633	1,211,601	884,390	850,530	644,266	447,471	458,596
Sausage	285,430	239,986	229,024	151,865	70,192	117,976	87,066
Soup	251,922	218,255	303,533	339,860	392,618	419,173	451,919
All other	505,569	490,143	630,174	655,280	482,204	397,479	433,880
Bacon, sliced	356,749	488,745	549,857	382,675	522,918	589,091	609,492
Lard:							
Rendered	1,540,725	1,863,781	2,135,936	1,213,855	1,263,212	1,632,749	1,600,601
Refined	1,390,726	1,516,397	1,647,097	1,005,257	1,046,816	1,234,736	1,194,742
Canned	13,366	-----	-----	-----	-----	-----	-----
Rendered pork fat:							
Rendered	183,737	215,875	230,961	97,089	80,297	89,729	79,575
Refined	105,878	125,653	124,685	66,472	54,808	50,602	44,608
Canned	5,952	-----	-----	-----	-----	-----	-----
Oleo stock	152,853	145,385	125,262	135,190	81,867	100,404	74,943
Edible tallow	92,435	115,280	84,575	103,358	62,150	88,432	61,775
Compound containing animal fat	287,067	328,304	241,224	284,472	263,166	253,774	215,832
Oleomargarine containing animal fat	57,726	60,811	52,209	49,666	33,284	36,292	16,723
Miscellaneous	33,084	40,698	62,403	46,631	40,452	60,478	77,005
Total	13,170,244	15,371,865	15,931,549	12,019,160	11,515,993	12,870,064	12,653,290

¹ The figures in this table do not represent production, as a product may be inspected more than once in course of further manufacture.

Bureau of Animal Industry. Data for 1928-39 in Agricultural Statistics, 1940, table 552. Data for 1940 in the 1941 book, table 547, and for 1941 in the 1948 book, table 485.

TABLE 495.—Meat: ¹ Production of beef and veal, pork, mutton and lamb, and total meats in specified countries, average 1934-38, annual 1947 and 1948

Country	Beef and veal			Pork (excluding lard)			Mutton and lamb			Total ²			
	Average 1934-38	1947	1948 (prelim.)	Average 1934-38	1947	1948 (prelim.)	Average 1934-38	1947	1948 (prelim.)	Average 1934-38	1947	1948 (prelim.)	
North America:	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	
Canada ³	735	1,089	1,034	621	972	941	61	67	48	1,417	2,128	2,023	
Mexico.....	492	608	734	167	258	205	14	18	19	698	910	1,046	
United States ⁴	7,974	12,027	10,600	7,337	10,601	10,246	871	802	753	16,182	23,430	21,599	
Cuba ⁴	269	315	.....	38	43	.....	2	2	.....	309	360	.....
Europe:													
Austria ⁵	231	165	165	359	210	230	6	10	12	617	387	410	
Belgium.....	304	224	228	367	225	225	17	7	5	693	496	530	
Bulgaria ⁷	105	85	.....	134	195	.....	88	80	.....	337	280	.....
Czechoslovakia ⁸	411	540	260	480	500	405	6	8	3	912	1,079	680	
Denmark ⁹	361	431	249	725	447	379	8	8	6	1,105	908	656	
Eire.....	103	180	150	196	132	110	37	43	40	336	355	300	
Finland.....	139	95	82	104	94	117	11	12	12	254	220	211	
France.....	1,947	1,808	1,576	1,419	1,050	1,215	6	118	130	6	143	3,684	3,136
Germany ¹⁰	1,300	945	825	2,140	800	780	40	40	45	3,510	1,795	1,660	
Greece ¹¹	32	33	28	40	37	37	6	136	6	128	6	100	
Hungary ¹¹	121	.....	.....	386	.....	.....	22	.....	.....	538	.....	.....
Italy.....	732	.....	.....	675	.....	.....	6	108	.....	1,542	.....	.....
Netherlands.....	308	245	175	548	200	190	20	5	7	894	467	370	
Norway.....	12	94	95	66	12	89	50	44	12	32	30	25	
Poland ¹²	755	310	330	1,655	990	1,230	30	10	13	2,450	1,351	1,575	
Rumania.....	247	.....	.....	222	.....	.....	6	188	.....	657	.....	.....
Sweden ⁴	292	309	236	327	308	331	4	6	6	649	662	595	
Switzerland.....	217	184	153	190	120	145	4	4	4	419	318	313	
United Kingdom.....	1,380	1,142	1,115	890	240	290	455	256	275	2,725	1,638	1,680	
Yugoslavia.....	243	.....	.....	476	.....	.....	6	147	.....	888	.....	.....
U.S.S.R. ¹⁴	2,856	.....	.....	3,459	.....	.....	978	.....	.....	7,292	.....	.....
South America:													
Argentina ¹⁵	3,838	4,555	4,230	243	220	250	378	750	590	4,459	5,525	5,070	
Brazil ¹⁶	1,821	1,949	1,950	487	555	575	15	48	50	2,331	2,579	2,600	
Chile.....	235	292	285	39	50	51	72	109	118	349	454	457	
Paraguay.....	16	87	212	240	.....	.....	.....	.....	.....	16	87	212
Uruguay ¹⁷	495	342	395	14	24	30	62	45	20	571	411	445	
Africa:													
Union of South Africa.....	421	637	650	64	59	80	6	186	6	180	671	882	
Oceania:													
Australia.....	¹² 1,190	1,130	1,245	¹² 195	208	200	¹² 709	678	580	¹² 2,094	2,016	2,025	
New Zealand ¹⁷	365	417	421	106	78	80	553	704	686	1,024	1,199	1,187	

¹ Carcass meat basis; excludes edible offal and lard.² Includes other meats, such as horse and goat meat. Excludes offal, rabbit and poultry meat.³ Averages for years 1935-39.⁴ Averages for years 1936-40.⁵ Averages for years 1933-37.⁶ Includes goat meat.⁷ Averages for years 1935-38. Includes Southern Dobrudja in 1947 and 1948.⁸ Year 1936 only for prewar. Excludes Sub-Carpathian Russia.⁹ Includes carcass meat equivalent of live animal exports.¹⁰ Bizeo (U. S.-U. K.) only.¹¹ Averages for years 1936-38.¹² Year beginning July 1.¹³ Present territory.¹⁴ Year 1938 for prewar.¹⁵ Excludes farm production of pork for farm consumption.¹⁶ Excludes farm production.¹⁷ Year beginning June 1 for years 1936-38; year beginning Oct. 1 of preceding year for years 1947 and 1948.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, U. S. Foreign Service reports, and other information. Data relate to prewar boundaries, unless otherwise noted.

TABLE 496.—Meats, and meat food products graded, or certified as complying with specifications, by the U. S. Department of Agriculture, 1930-48¹

Year	Principal meats				All other meats, meat food products, and lard	Grand total ²
	Beef	Veal and calf	Lamb, yearling, and mutton	Total ²		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1930.....	68,750	1,443	2,470	72,662	9,766	82,428
1931.....	159,433	1,266	4,157	164,856	9,356	174,212
1932.....	207,527	1,356	7,610	216,493	9,726	226,219
1933.....	237,594	1,865	8,013	247,471	10,495	257,966
1934.....	261,798	1,968	9,352	273,119	12,684	285,803
1935.....	267,776	2,772	17,538	288,085	34,970	323,055
1936.....	450,127	3,617	19,021	472,766	59,241	532,007
1937.....	408,353	5,014	23,765	437,131	74,749	511,880
1938.....	602,809	6,180	28,015	637,005	86,267	723,272
1939.....	512,017	5,684	24,214	541,915	99,893	641,808
1940.....	578,436	6,896	24,765	610,096	46,519	656,615
1941.....	789,894	9,701	32,186	831,781	713,556	1,545,337
1942.....	1,485,197	105,535	78,102	1,668,834	2,093,425	3,762,259
1943.....	6,710,714	784,869	990,772	8,486,356	2,794,843	11,281,199
1944.....	8,355,998	1,450,752	1,066,480	10,873,229	2,577,665	13,450,894
1945.....	9,176,756	1,319,006	1,024,290	11,520,052	1,118,082	12,638,134
1946.....	6,849,566	911,661	833,808	8,595,035	744,761	9,339,796
1947.....	2,931,463	236,525	208,870	3,376,858	186,209	3,563,067
1948.....	2,022,295	133,591	146,586	2,302,473	146,436	2,448,908

¹ Based on estimated weight of carcasses and meat products. Includes all gradings for the Commodity Credit Corporation. On Sept. 18, 1942, Office of Price Administration RMPR 169 required all Choice beef and veal to be graded by a U. S. official grader, and on Dec. 16, 1942, the order was revised to include all grades of beef except Cutter and Canner, and of veal except Cull. On Apr. 3, 1943, the order was again revised to include Cutter and Canner beef and Cull veal. On Apr. 10, 1943, RMPR 239 required grading of all lamb and mutton carcasses. On Oct. 16, 1946, grading of all meats was restored to a voluntary basis.

² Totals based on unrounded numbers.

Production and Marketing Administration.

TABLE 497.—Frozen and cured meats and lard: Cold-storage holdings as of the annual high and low point, 1939-48

Year	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton		Edible offal ¹		Lard and rendered pork fat	
	High (Dec. 1)	Low (Sept. 1)	High (Mar. 1)	Low (Nov. 1)	High (Dec. 1)	Low (Oct. 1)	High (Feb. 1)	Low (Nov. 1)	High (July 1)	Low (Dec. 1)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939	67,672	33,027	542,138	272,655	4,187	² 1,791	⁷ 76,238	57,519	148,377	³ 68,738
1940	⁴ 78,573	35,663	⁵ 652,733	303,712	⁶ 4,803	⁷ 3,192	⁸ 106,654	53,062	306,774	⁶ 162,105
1941	114,330	⁹ 65,708	² 798,455	313,268	6,432	⁹ 3,211	⁶ 101,764	63,553	382,506	176,465
1942	⁸ 150,410	¹⁰ 81,556	616,604	257,445	26,462	¹⁰ 5,313	123,229	71,555	⁴ 209,470	57,434
1943	186,326	¹⁰ 81,744	627,399	341,433	⁶ 34,819	¹⁰ 7,808	⁹ 115,525	⁶ 78,902	⁷ 260,009	⁶ 91,333
1944	⁵ 293,971	¹¹ 114,589	¹⁰ 803,357	296,815	⁴ 34,599	⁹ 12,721	⁸ 152,090	¹¹ 34,672	¹² 498,235	⁶ 90,536
1945	¹⁰ 266,943	⁶ 107,171	⁴ 407,202	168,028	⁶ 20,183	9,177	⁸ 37,009	² 23,391	⁶ 98,483	⁵ 49,728
1946	⁴ 179,153	³ 58,749	426,545	¹³ 99,859	⁴ 19,189	8,844	⁶ 49,196	¹² 21,631	⁸ 90,184	¹³ 30,021
1947	⁵ 191,481	¹³ 85,317	⁴ 399,473	187,971	17,280	6,645	⁶ 70,704	50,544	⁹ 193,736	73,377
1948	⁶ 175,231	68,837	700,114	203,163	23,305	² 7,665	74,261	34,690	181,327	³ 66,526

¹Prior to July 1, 1944, trimmings were included with this item; since that date trimmings have been included with the appropriate meat.

² June 1. ³ Nov. 1. ⁴ Feb. 1. ⁵ Apr. 1. ⁶ Jan. 1. ⁷ Sept. 1. ⁸ Mar. 1. ⁹ Aug. 1.
¹⁰ July 1. ¹¹ Dec. 1. ¹² May 1. ¹³ Oct. 1.

Production and Marketing Administration.

TABLE 498.—Meats (carcass weight equivalent) and lard: Production and consumption, United States, 1929-48¹

Year	Beef			Veal			Lamb and mutton			Pork, excluding lard			All meats			Lard		
	Pro- duction	Consumption		Pro- duction	Consumption		Pro- duction	Consumption		Pro- duction	Consumption		Pro- duction	Consumption		Pro- duction	Consumption ²	
		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita
		Mil. lb.	Mil. lb. Lb.		Mil. lb.	Mil. lb. Lb.		Mil. lb.	Mil. lb. Lb.		Mil. lb.	Mil. lb. Lb.		Mil. lb.	Mil. lb. Lb.		Mil. lb.	Mil. lb. Lb.
1929	5,871	6,048	49.3	761	766	6.3	682	686	5.6	8,833	8,484	69.2	16,147	15,984	130.4	2,461	1,598	13.0
1930	5,917	6,021	48.6	792	794	6.4	825	824	6.7	8,482	8,246	66.6	16,016	15,885	128.3	2,227	1,584	12.8
1931	6,009	6,025	48.3	823	824	6.6	885	886	7.1	8,739	8,477	67.9	16,456	16,212	129.9	2,307	1,706	13.7
1932	5,789	5,830	46.4	822	822	6.5	884	882	7.0	8,923	8,825	70.3	16,418	16,359	130.2	2,380	1,814	14.4
1933 ³	6,440	6,469	51.2	891	891	7.1	852	849	6.7	9,234	8,885	70.3	17,417	17,094	135.3	2,475	1,772	14.0
1934 ⁴	8,345	8,066	63.5	1,246	1,182	9.3	851	798	6.3	8,997	8,141	64.0	18,839	18,187	143.1	2,091	1,648	13.0
1935 ⁴	6,608	6,770	52.9	1,023	1,087	8.5	877	923	7.2	5,919	6,155	48.1	14,427	14,935	116.7	1,276	1,226	9.6
1936 ⁴	7,358	7,742	60.1	1,075	1,075	8.3	854	849	6.6	7,474	7,061	54.8	16,761	16,727	129.8	1,679	1,449	11.2
1937	6,798	7,107	54.8	1,108	1,108	8.6	852	857	6.6	6,951	7,185	55.4	15,709	16,257	125.4	1,431	1,361	10.5
1938	6,908	7,058	54.0	994	994	7.6	897	894	6.8	7,680	7,554	57.8	16,479	16,500	126.2	1,728	1,440	11.0
1939	7,011	7,159	54.4	991	991	7.5	872	869	6.6	8,660	8,474	64.3	17,534	17,493	132.8	2,037	1,671	12.7
1940	7,175	7,257	54.7	981	981	7.4	876	873	6.6	10,044	9,701	73.0	19,076	18,812	141.7	2,288	1,924	14.5
1941 ⁴	8,082	8,021	60.5	1,036	1,005	7.6	923	901	6.8	9,528	9,007	67.9	19,569	18,934	142.8	2,228	1,879	14.2
1942 ⁴	8,843	8,049	60.8	1,151	1,084	8.2	1,042	950	7.2	10,876	8,368	63.3	21,912	18,451	139.5	2,401	1,759	13.3
1943 ⁴	8,571	6,860	52.9	1,167	1,059	8.2	1,104	830	6.4	13,640	10,172	78.5	24,482	18,921	146.0	2,865	1,820	14.0
1944 ⁴	9,112	7,146	55.3	1,738	1,594	12.4	1,024	857	6.6	13,304	10,230	79.2	25,178	19,827	153.5	3,054	1,824	14.1
1945 ⁴	10,275	7,663	59.0	1,601	1,533	11.8	1,054	943	7.3	10,697	8,598	66.3	23,687	18,737	144.4	2,066	1,619	12.5
1946	9,373	8,533	61.3	1,440	1,379	9.9	970	925	6.6	11,173	10,530	75.6	22,956	21,367	153.4	2,138	1,660	12.0
1947 ⁴	10,428	9,913	69.1	1,599	1,540	10.7	802	765	5.4	10,601	10,018	69.8	23,430	22,236	155.0	2,426	1,927	13.4
1948 ⁴	9,181	9,257	63.3	1,419	1,380	9.4	753	738	5.0	10,246	10,034	68.7	21,599	21,409	146.4	2,368	2,020	13.8

¹ Dressed carcass weight of cattle, calves, sheep, and lambs; pork excluding lard is carcass equivalent weight of hog products minus an allowance for carcass fat rendered for lard. Edible offals are excluded.

² Includes lard entering into manufactured products.

³ Includes meat produced and consumed from animals slaughtered under the emergency Government relief-purchasing and hog-reduction programs. (See footnote 3 in table 490, Agricultural Statistics, 1948.)

⁴ The total apparent civilian consumption for the years 1941-48 was obtained

by subtracting ending stocks, lend-lease, other exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, less military personnel eating from military supplies.

⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 499.—Meat: International trade, average 1934-38, annual 1946-48¹

Continent and country	Average 1934-38		1946		1947 ²		1948 ²	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada ³	193,436	24,568	628,265	733	412,906	6,640	401,831	2,794
Mexico.....	23	1,130	6,246	1,683	15,358	813	92,527	438
United States ^{3,4}	114,600	262,000	1,129,300	20,900	283,200	64,500	68,400	349,700
Cuba.....	82	7,302	15	10,501	6	35,330	1	14,872
Total.....	308,100	295,000	1,763,800	33,800	711,500	107,300	562,700	367,800
Europe:								
Austria.....	760	13,097	(⁵)	⁶ 83,800	2,550	⁶ 38,300	1,188	29,900
Belgium.....	54,501	6,790	20,195	348,032	3,918	225,486	22,560	201,297
Bulgaria ⁷	4,715	.....	13	.....	(⁵)	(⁵)	(⁵)	⁶ 1,752
Czechoslovakia ⁷	637	5,275	(⁵)	⁶ 130,700	11	⁶ 42,550	1	55,922
Denmark ⁸	534,141	758	278,971	96	308,265	73	142,753	.....
Eire.....	70,881	40	73,843	.....	34,005	.....	26,647	.....
Finland.....	6,435	1,257	.....	8,631	17	4,607	(⁵)	13,952
France.....	4,698	151,958	663	302,824	4,866	144,015	6,941	53,141
Germany ⁷	4,148	156,081	.....	⁶ 44,100	.....	⁶ 31,100	.....	⁶ 165,700
Greece.....	.....	2,689	.....	⁶ 68,700	.....	⁶ 18,750	.....	⁶ 32,681
Hungary.....	18,203	.....	(⁵)	⁶ 3,900	3,000	.....	(⁵)	⁶ 346
Iceland.....	6,248	8	2,294	8	2,589	(⁵)	1,206	(⁵)
Italy.....	11,597	73,542	29	⁶ 117,900	498	57,767	5,163	43,606
Netherlands.....	85,571	21,974	.....	87,292	2,156	21,012	18,514	74,244
Norway.....	2,244	4,378	199	13,975	226	2,031	285	3,142
Poland ⁷	113,490	62	(⁵)	⁶ 149,400	(⁵)	⁶ 92,650	25,000	⁶ 3,090
Portugal ⁹	936	525	280	3,389	259	25,163	4,184	6,274
Rumania ⁷	6,179	.....	(⁵)	(⁵)	.....	⁶ 300	(⁵)	⁶ 1,394
Spain ¹⁰	2,666	4,733	168	4,308	130	42,801	(⁵)	⁶ 58,650
Sweden ³	31,097	14,914	440	23,745	221	25,367	2	18,244
Switzerland.....	1,350	8,515	48	15,753	74	35,834	2,159	36,345
United Kingdom ¹¹	28,008	3,455,910	2,376	3,551,715	1,901	3,519,308	1,764	2,527,008
Yugoslavia.....	18,901	.....	.....	⁶ 83,300	(⁵)	⁶ 15,800	(⁵)	⁶ 3,347
Total.....	1,007,400	3,822,500	379,500	5,041,600	365,300	4,343,900	259,100	3,330,000
U. S. S. R. ⁷	8,295	6,213	.....	⁶ 231,700	(⁵)	⁶ 24,700	(⁵)	(⁵)
South America:								
Argentina.....	1,460,045	.....	1,484,229	.....	1,995,747	.....	1,414,372	.....
Brazil.....	213,538	2,563	222,708	6,430	122,076	354	164,488	(⁵)
Chile.....	120,977	70	26,387	445	16,995	(⁵)	13,835	(⁵)
Paraguay.....	16,483	.....	61,300	.....	¹² 30,100	.....	40,000	.....
Uruguay.....	323,623	44	288,860	.....	149,833	.....	194,707	.....
Total.....	2,034,700	2,700	2,083,500	6,900	2,314,700	400	1,827,400	.....
Africa:								
Madagascar.....	30,410	434	24,200	16	41,773	(⁵)	51,054	(⁵)
Southern Rhodesia.....	18,601	186	17,259	600	16,122	616	6,048	(⁵)
Union of South Africa.....	13,542	19,643	3,812	25,996	¹³ 3,000	⁶ 20,800	¹³ 2,000	⁶ 24,369
Total.....	62,500	20,300	45,300	26,600	60,900	21,400	59,100	24,400
Oceania:								
Australia.....	495,742	7	513,278	.....	536,595	.....	456,162	.....
New Zealand.....	594,138	.....	794,033	.....	805,585	.....	778,524	.....
Total.....	1,089,900	.....	1,307,300	.....	1,342,200	.....	1,234,700	.....
World total.....	4,510,900	4,146,700	5,579,400	5,340,600	4,794,700	4,496,700	3,951,800	3,722,200

¹ All meats converted to a carcass weight equivalent; includes beef and veal, pork, mutton and lamb, goat and horse meat; excludes live animals, edible offal, lard, rabbit and poultry meat.

² Preliminary.

³ Averages for years 1935-39.

⁴ Excludes exports of horse meat, which averaged 2 million pounds in 1935-39, 4 million in 1946, 124 million in 1947, and 114 million in 1948.

⁵ Not available.

⁶ Based on exports from supplying countries reporting exports by destination.

⁷ Present territory for postwar years.

⁸ Includes carcass weight equivalent of live cattle exported.

⁹ Averages for years 1934-37.

¹⁰ Averages for years 1931-35.

¹¹ Includes edible offal.

¹² Based on imports into receiving countries reporting imports by origin.

¹³ Estimate based on exports for 6 months.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, and other available information, although in postwar years some international trade may have been excluded because of lack of information upon which to base estimates.

TABLE 500.—*Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1939-48*

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned	Total	Condemned
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1939	9,446	55.0	5,264	16.6	17,241	38.3	3	0	41,368	97.3	28	0.1
1940	9,756	59.1	5,359	19.3	17,351	44.5	5	0	50,398	128.5	19	.2
1941	10,946	64.5	5,461	20.5	18,125	56.2	10	.1	46,520	125.6	26	.2
1942	12,347	65.3	5,760	21.2	21,625	103.5	25	.2	53,897	133.0	29	.4
1943	11,727	64.0	5,209	23.8	23,363	110.5	14	.1	63,431	141.5	57	1.3
1944	13,960	81.2	7,770	45.9	21,876	93.4	7	0	69,017	158.3	52	.1
1945	14,521	74.7	7,017	49.7	21,217	92.8	13	.2	40,914	115.6	78	1.8
1946	11,413	59.7	5,842	46.7	19,885	85.0	87	.4	44,394	107.7	192	1.9
1947	11,536	83.5	7,939	57.0	16,667	76.0	114	.4	49,116	115.8	276	2.3
1948	13,004	69.7	6,907	40.9	15,346	83.2	358	2.7	47,615	101.3	304	2.1

Bureau of Animal Industry. These figures do not include ante-mortem cases or parts of carcasses, data concerning which may be obtained from the Meat Inspection Division.

TABLE 501.—*Hides, country: Average price per pound at Chicago, 1939-48*

Year	Ex-tremes	Heavy steers	Heavy cows	No. 1 buffs	No. 2 buffs	Bulls	Country packer brands	Country branded	City calfskins	City kip-skins
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1939	11.74	9.13	8.70	9.75	8.75	6.76	9.44	9.02	18.51	14.80
1940	12.47	9.27	8.88	10.49	9.49	6.09	10.07	9.67	21.85	18.02
1941	14.28	11.68	11.30	13.39	12.39	7.34	12.27	11.92	23.59	18.77
1942	15.50	13.50	13.00	15.50	14.50	9.83	13.94	13.64	23.00	18.00
1943	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1944	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1945	15.50	13.50	13.00	15.50	14.50	10.25	14.00	13.75	23.00	18.00
1946	17.15	14.72	14.25	16.67	15.67	11.52	15.37	14.92	29.77	20.23
1947	22.96	17.22	17.35	20.52	19.52	12.85	21.89	20.88	61.63	36.87
1948	22.77	17.89	17.89	19.66	18.66	12.18	21.77	20.77	43.58	28.55

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade. Data for earlier years in 1931 Yearbook, table 429, and Agricultural Statistics, 1941, table 556.

TABLE 502.—*Hides, packer: Average price per pound at Chicago, 1939-48*

Year	Steers					Cows			Bulls	
	Heavy native	Heavy Texas	Light Texas	Butt branded	Colorados	Heavy native	Light native	Branded	Native	Branded
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1939	12.13	12.02	11.12	12.03	11.60	11.63	12.06	11.55	8.64	7.64
1940	12.50	11.95	11.26	11.94	11.46	12.20	12.64	11.78	8.94	7.94
1941	14.49	14.08	13.90	13.96	13.70	14.31	14.68	14.16	11.18	10.18
1942	15.50	14.50	14.50	14.50	14.22	15.50	15.50	14.60	12.00	11.00
1943	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1944	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1945	15.50	14.50	14.50	14.50	14.50	15.50	15.50	14.50	12.00	11.00
1946	18.55	17.35	17.35	17.35	17.29	18.41	18.36	17.32	14.21	13.17
1947	27.25	24.90	24.90	24.90	24.42	26.77	28.70	25.95	19.37	18.37
1948	27.73	25.54	25.64	25.54	25.01	27.93	28.39	26.26	17.83	16.83

Bureau of Agricultural Economics. Compiled from annual reports of the Chicago Board of Trade.

TABLE 503.—Horses and mules: Number and value on farms, United States, Jan. 1, 1930-49¹

Year	Horses			Mules		
	Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total
	Thousands	Dollars	1,000 dollars	Thousands	Dollars	1,000 dollars
1930 ²	13,384			5,354		
1930	13,742	69.98	961,664	5,382	83.93	451,725
1931	13,195	60.64	800,198	5,273	69.23	365,049
1932	12,664	53.48	677,211	5,148	60.70	312,494
1933	12,291	54.12	665,178	5,046	60.42	304,895
1934	12,052	66.88	805,994	4,945	82.42	407,566
1935 ²	11,858			4,818		
1935	11,861	77.05	913,870	4,822	99.34	478,998
1936	11,598	96.73	1,121,851	4,628	120.63	558,253
1937	11,342	99.14	1,124,405	4,460	130.25	580,911
1938	10,995	90.89	999,365	4,250	123.39	524,409
1939	10,629	84.32	896,201	4,163	118.58	493,654
1940 ²	10,087			3,845		
1940	10,444	77.30	807,611	4,034	116.00	466,793
1941	10,193	68.20	695,216	3,911	107.00	419,013
1942	9,873	64.70	638,296	3,782	107.00	405,980
1943	9,605	79.80	766,384	3,626	127.00	462,201
1944	9,192	78.60	722,782	3,421	143.00	490,371
1945 ²	8,489			3,180		
1945	8,715	64.90	565,363	3,235	134.00	433,776
1946	8,053	57.40	462,384	3,010	133.00	400,705
1947	7,249	59.20	428,798	2,772	141.00	389,776
1948	6,589	55.50	365,802	2,541	133.00	337,409
1949 ³	5,921	52.30	309,764	2,353	117.00	274,332

¹ Including colts.² Italic figures are from the census. Census dates: Apr. 1, 1930; Jan. 1, 1935; Apr. 1, 1940; Jan. 1, 1945. 1930 and 1940 exclude spring-born colts.³ Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 579.

TABLE 504.—Horses and mules, by classes: Number on farms, Jan. 1, 1930-49

Year	Horses				Mules			
	All horses	2 years and over	1-2 years	Under 1 year	All mules	2 years and over	1-2 years	Under 1 year
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1930	13,742	12,772	475	495	5,382	5,209	94	79
1931	13,195	12,253	489	453	5,273	5,122	82	69
1932	12,664	11,797	454	413	5,148	5,025	72	51
1933	12,291	11,461	414	416	5,046	4,943	54	49
1934	12,052	11,141	416	495	4,945	4,843	51	51
1935	11,861	10,761	490	610	4,822	4,712	52	58
1936	11,598	10,338	605	655	4,628	4,501	54	73
1937	11,342	10,016	642	684	4,460	4,314	62	84
1938	10,995	9,609	680	706	4,250	4,081	69	100
1939	10,629	9,310	685	634	4,163	3,963	86	114
1940	10,444	9,200	623	621	4,034	3,800	101	133
1941	10,193	9,000	602	591	3,911	3,651	120	140
1942	9,873	8,810	560	503	3,782	3,536	116	130
1943	9,605	8,718	485	402	3,626	3,399	115	112
1944	9,192	8,444	384	364	3,421	3,224	99	98
1945	8,715	8,059	343	313	3,235	3,057	91	87
1946	8,053	7,522	291	240	3,010	2,870	75	65
1947	7,249	6,812	230	207	2,772	2,662	59	51
1948	6,589	6,206	195	188	2,541	2,452	48	41
1949 ¹	5,921	5,575	176	170	2,353	2,286	37	30

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 505.—Horses: Number on farms, and farm value per head, by States, Jan. 1, average 1938-47, annual 1947-49¹

State and division	Number				Farm value per head			
	Average 1938-47	1947	1948	1949 ²	Average 1938-47	1947	1948	1949 ²
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars
Maine.....	38	33	31	29	153.00	143.00	120.00	112.00
New Hampshire.....	14	13	12	11	144.00	142.00	116.00	82.00
Vermont.....	41	38	36	33	137.00	122.00	92.00	70.00
Massachusetts.....	20	17	15	14	148.00	140.00	112.00	85.00
Rhode Island.....	2	2	1	1	147.00	140.00	114.00	90.00
Connecticut.....	17	13	12	11	154.00	139.00	116.00	94.00
New York.....	259	202	182	167	128.00	95.00	80.00	77.00
New Jersey.....	25	18	17	13	126.00	93.00	77.00	70.00
Pennsylvania.....	234	170	153	130	114.00	87.00	76.00	72.00
North Atlantic.....	651	506	459	409	126.00	101.00	85.20	78.00
Ohio.....	361	214	184	153	83.20	60.00	60.00	69.00
Indiana.....	286	175	147	122	77.80	55.00	51.00	53.00
Illinois.....	480	296	249	212	70.90	52.00	49.00	50.00
Michigan.....	290	172	143	124	85.00	48.00	50.00	53.00
Wisconsin.....	458	337	300	264	97.00	67.00	69.00	67.00
East North Central.....	1,876	1,194	1,023	875	82.90	57.50	57.30	57.50
Minnesota.....	566	392	345	304	70.00	47.00	50.00	54.00
Iowa.....	649	412	346	291	69.50	47.00	47.00	48.00
Missouri.....	511	450	428	394	61.90	51.00	43.00	42.00
North Dakota.....	320	202	178	167	47.70	30.00	36.00	38.00
South Dakota.....	328	241	219	195	48.20	33.00	35.00	38.00
Nebraska.....	447	338	301	262	52.40	37.00	36.00	37.00
Kansas.....	368	279	246	219	54.60	37.00	36.00	36.00
West North Central.....	3,188	2,314	2,063	1,832	60.00	42.20	41.60	42.70
North Central.....	5,064	3,508	3,086	2,707	68.50	47.40	46.70	47.50
Delaware.....	13	10	9	8	89.50	82.00	81.00	78.00
Maryland.....	74	57	53	46	98.60	91.00	81.00	76.00
Virginia.....	165	154	148	142	106.00	104.00	91.00	86.00
West Virginia.....	99	96	93	90	103.00	101.00	78.00	75.00
North Carolina.....	84	95	94	83	125.00	140.00	124.00	97.00
South Carolina.....	23	24	24	23	120.00	138.00	122.00	119.00
Georgia.....	36	38	38	37	111.00	119.00	116.00	101.00
Florida.....	23	27	26	25	102.00	112.00	102.00	102.00
South Atlantic.....	518	501	485	454	108.00	112.00	97.70	88.50
Kentucky.....	233	213	204	192	86.00	84.00	71.00	62.00
Tennessee.....	166	148	145	133	91.70	97.00	85.00	64.00
Alabama.....	63	63	62	58	95.00	101.00	93.00	75.00
Mississippi.....	114	120	115	109	80.50	80.00	70.00	55.00
Arkansas.....	170	158	150	142	60.20	58.00	48.00	41.00
Louisiana.....	141	132	121	115	65.50	68.00	68.00	52.00
Oklahoma.....	345	279	257	231	48.80	37.00	32.00	31.00
Texas.....	591	468	440	387	54.50	50.00	47.00	40.00
South Central.....	1,822	1,581	1,494	1,367	65.20	63.30	56.90	47.70
Montana.....	240	190	175	166	39.90	33.00	30.00	32.00
Idaho.....	160	120	108	103	53.70	40.00	43.00	41.00
Wyoming.....	121	100	92	81	41.50	30.00	30.00	30.00
Colorado.....	205	161	140	126	50.50	35.00	35.00	30.00
New Mexico.....	118	95	93	88	43.40	42.00	38.00	36.00
Arizona.....	75	71	70	66	59.80	65.00	60.00	60.00
Utah.....	78	70	66	61	68.10	65.00	56.00	56.00
Nevada.....	38	38	37	36	68.80	62.00	63.00	53.00
Washington.....	117	79	70	62	61.90	48.00	53.00	55.00
Oregon.....	125	92	84	77	63.40	50.00	49.00	46.00
California.....	164	137	130	118	94.00	85.00	87.00	74.00
Western.....	1,440	1,153	1,065	984	56.70	47.90	47.00	44.60
United States.....	9,495	7,249	6,589	5,921	72.50	59.20	55.50	52.30

¹ Including colts.² Preliminary.

Bureau of Agricultural Economics.

TABLE 506.—Mules: Number on farms, and farm value per head, by States Jan. 1, average 1938-47, annual 1947-49¹

State and division	Number				Farm value per head			
	Average 1938-47	1947	1948	1949 ²	Average 1938-47	1947	1948	1949 ²
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	Dollars
New York.....	4	3	2	2	134.00	96.00	80.00	78.00
New Jersey.....	3	2	2	1	134.00	104.00	86.00	75.00
Pennsylvania.....	38	22	18	14	127.00	96.00	88.00	88.00
North Atlantic.....	44	27	22	17	128.00	96.60	87.10	86.10
Ohio.....	22	10	9	7	94.00	79.00	75.00	72.00
Indiana.....	46	20	16	14	99.80	87.00	78.00	70.00
Illinois.....	62	30	23	18	90.60	78.00	75.00	68.00
Michigan.....	5	2	2	2	92.20	60.00	69.00	60.00
Wisconsin.....	4	2	2	1	102.00	76.00	72.00	63.00
East North Central.....	139	64	52	42	94.50	80.30	75.20	68.40
Minnesota.....	7	3	2	1	77.30	57.00	56.00	60.00
Iowa.....	37	15	10	7	83.70	66.00	65.00	61.00
Missouri.....	185	135	105	92	89.70	85.00	74.00	68.00
North Dakota.....	2	1	1	1	61.40	39.00	40.00	44.00
South Dakota.....	5	2	2	2	63.20	45.00	48.00	52.00
Nebraska.....	39	15	12	9	71.20	55.00	53.00	52.00
Kansas.....	53	24	19	16	73.50	64.00	59.00	58.00
West North Central.....	327	195	151	128	83.80	77.60	69.00	64.70
North Central.....	466	259	203	170	87.00	78.30	70.60	65.60
Delaware.....	7	4	4	3	118.00	112.00	100.00	100.00
Maryland.....	22	13	12	9	125.00	120.00	97.00	94.00
Virginia.....	87	77	73	69	150.00	161.00	153.00	152.00
West Virginia.....	9	6	5	5	107.00	104.00	84.00	84.00
North Carolina.....	294	277	269	261	195.00	229.00	219.00	199.00
South Carolina.....	174	162	157	154	190.00	229.00	209.00	194.00
Georgia.....	303	268	257	244	174.00	204.00	197.00	173.00
Florida.....	36	33	30	29	150.00	160.00	165.00	135.00
South Atlantic.....	931	840	807	774	178.00	209.00	199.00	181.00
Kentucky.....	212	176	171	154	113.00	119.00	105.00	89.00
Tennessee.....	279	249	234	225	125.00	138.00	122.00	92.00
Alabama.....	283	234	222	206	141.00	159.00	145.00	122.00
Mississippi.....	343	319	306	294	124.00	128.00	114.00	96.00
Arkansas.....	244	197	165	153	95.30	96.00	84.00	68.00
Louisiana.....	172	142	136	126	114.00	117.00	111.00	89.00
Oklahoma.....	120	52	40	35	70.20	58.00	55.00	48.00
Texas.....	456	230	191	160	81.50	70.00	68.00	52.00
South Central.....	2,108	1,599	1,465	1,353	110.00	118.00	108.00	88.20
Montana.....	2	2	2	1	71.80	76.00	60.00	56.00
Idaho.....	4	3	3	3	74.90	60.00	58.00	60.00
Wyoming.....	1	1	1	1	68.00	49.00	41.00	41.00
Colorado.....	11	7	6	5	73.80	64.00	62.00	54.00
New Mexico.....	10	6	6	6	66.50	58.00	56.00	42.00
Arizona.....	8	6	6	5	80.90	86.00	85.00	73.00
Utah.....	1	1	1	1	88.50	75.00	65.00	65.00
Nevada.....	1	1	1	1	83.10	70.00	60.00	65.00
Washington.....	5	3	2	2	71.40	57.00	61.00	61.00
Oregon.....	4	3	3	3	74.20	63.00	60.00	57.00
California.....	22	14	13	11	105.00	86.00	77.00	68.00
Western.....	70	47	44	39	83.50	72.40	67.80	59.90
United States.....	3,620	2,772	2,541	2,353	125.00	141.00	133.00	117.00

¹ Including colts.² Preliminary.

Bureau of Agricultural Economics.

TABLE 507.—*Animal units fed: Grain-consuming and roughage-consuming livestock on farms, United States, 1929-48*

Year beginning October—	Grain-consuming livestock	Roughage-consuming livestock	Year beginning October—	Grain-consuming livestock	Roughage-consuming livestock
	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>
1929.....	153,616	69,355	1939.....	156,038	70,063
1930.....	152,401	70,737	1940.....	155,935	72,158
1931.....	156,047	72,276	1941.....	167,317	75,215
1932.....	159,518	74,628	1942.....	192,411	78,206
1933.....	153,688	77,356	1943.....	193,107	79,579
1934.....	131,054	72,613	1944.....	173,672	78,726
1935.....	138,509	71,334	1945.....	167,818	75,347
1936.....	137,612	69,688	1946.....	161,365	72,822
1937.....	137,678	68,356	1947.....	155,503	69,424
1938.....	148,501	68,191	1948 ¹	159,797	68,444

¹ Preliminary.

Bureau of Agricultural Economics. A detailed explanation of the basis of these figures can be found in the processed report F.M.-64, *Animal Units of Livestock Fed Annually, 1919-20 to 1946-47* (November 1947). Data for 1919-28 in *Agricultural Statistics, 1948*, table 499.

TABLE 508.—*Index numbers of livestock and poultry on farms, United States, Jan. 1, 1930-49¹*

[1935-39=100]

Year	Total livestock and poultry ²	Meat animals ³	Milk animals ⁴	Poultry ⁵	Year	Total livestock and poultry ²	Meat animals ³	Milk animals ⁴	Poultry ⁵
1930.....	103	98	93	115	1940.....	106	108	101	110
1931.....	104	100	96	110	1941.....	106	110	104	105
1932.....	107	105	100	107	1942.....	112	117	107	118
1933.....	111	111	104	110	1943.....	120	128	111	132
1934.....	113	114	108	107	1944.....	126	135	114	142
1935.....	101	101	104	96	1945.....	117	125	113	127
1936.....	101	101	100	99	1946.....	113	122	109	132
1937.....	99	99	99	105	1947.....	109	118	106	117
1938.....	98	98	98	96	1948.....	104	114	102	112
1939.....	100	102	99	104	1949 ⁶	103	114	100	110

¹ Weights for combining the different species are based on the 1937-41 average sales value per head, except for horses and mules where the 1941 average sales value per head is used. Allowing the average sales value per head for milk cows to equal 1.00, the value per head for other kinds of livestock and poultry is expressed in terms of the value for milk cows. The weights used are as follows: Milk cows, 1.00, other cattle and calves 0.75, hogs 0.29, sheep and lambs 0.10, horses 0.97, mules 1.23, chickens 0.01, and turkeys 0.043.

² Milk cows, other cattle and calves, hogs, sheep and lambs, horses, mules, chickens, and turkeys.

³ Milk cows, other cattle and calves, hogs, and sheep and lambs.

⁴ Milk cows, heifers, 1-2 years old being kept for milk cows, and heifer calves saved for milk cows. Weights for combining the three classes of milk animals are based on 1937-41 average sales value per head, using relationship of 1937-41 average Jan. 1 values per head for each class to milk cows to determine sales value per head for heifers 1-2 years old, and heifer calves. The weights used are as follows: Milk cows 1.00; heifers 1-2 years old, 0.54; heifer calves 0.31.

⁵ Chickens and turkeys.

⁶ Preliminary.

Bureau of Agricultural Economics. Data for 1867-1929 in *Agricultural Statistics, 1948*, table 500.

TABLE 509.—*Sleeping sickness (infectious equine encephalomyelitis): Incidence and mortality in horses and mules, by geographic divisions, 1948, and total for 1940-48*

Division and year	Horses and mules in affected areas	Animals affected	Cases per 1,000 horses and mules	Total deaths	Percentage of deaths among affected animals	Month of report of—	
						First case	Last case
New England.....	975	2	2.0	2	100	Sept.	Sept.
Middle Atlantic.....	5,745	9	1.6	9	100	July	Oct.
East North Central.....	302,439	122	0.4	58	47	June	Dec.
West North Central.....	1,038,047	519	0.5	124	24	Feb.	Nov.
South Atlantic.....	108,862	433	4.0	227	52	Jan.	Dec.
East South Central.....	14,587	15	1.0	4	27	July	Dec.
West South Central.....	388,858	297	0.8	99	33	Jan.	Dec.
Mountain.....	289,708	258	0.9	67	26	Feb.	Oct.
Pacific.....	119,602	138	1.1	45	33	May	Oct.
Total, 1948.....	2,268,823	1,796	0.8	1,638	35.5	Jan.	Dec.
Total:							
1940.....	6,500,820	16,941	2.6	4,187	25	Jan.	Nov.
1941.....	6,015,397	36,872	6.1	8,210	428	Mar.	Dec.
1942.....	4,785,575	4,939	1.0	1,334	30	Jan.	Dec.
1943.....	4,045,160	4,768	1.1	1,622	30	Mar.	Nov.
1944.....	5,465,117	19,590	2.9	4,779	24	Jan.	Dec.
1945.....	3,691,066	3,212	.9	1,165	36	Jan.	Dec.
1946.....	3,137,321	2,805	.9	957	34	Jan.	Dec.
1947.....	4,083,781	8,716	2.1	5,086	58	Jan.	Dec.

¹ This total includes three cases which occurred in Pennsylvania, that are not given in the total for the Middle Atlantic States. The horses were shipped to Pennsylvania from Oklahoma; two were dead upon arrival; one died 7 weeks later.

² Alabama, Colorado, Georgia, Louisiana, Maryland, Michigan, Missouri, New Jersey, and New York not included in calculations.

³ Arkansas not included in calculations.

⁴ Arkansas, Colorado, Indiana, Michigan, Minnesota, Missouri, New Mexico, and Oregon not included in calculations.

⁵ Minnesota, Missouri, and Utah not included in calculations.

⁶ Missouri not included in calculations.

⁷ New York, Michigan, and Missouri not included in calculations.

Bureau of Animal Industry.

TABLE 510.—*Rabies: Number of cases in the United States, and kind and number of animals affected, 1939-48*

Year	Number of cases among—									Total
	Dogs	Cattle	Cats	Sheep	Hogs	Horses	Goats	Miscellaneous animals	Man	
1939.....	7,386	358	269	17	38	36	10	172	30	8,316
1940.....	6,194	326	230	53	71	25	4	277	28	7,238
1941.....	6,648	418	294	68	159	39	9	212	30	7,877
1942.....	6,332	288	250	48	32	15	12	160	28	7,165
1943.....	8,515	349	316	45	60	35	19	310	41	9,690
1944.....	9,067	561	419	40	43	32	14	311	53	10,540
1945.....	8,505	487	466	11	30	46	10	373	35	9,963
1946.....	8,384	962	455	15	22	44	12	956	22	10,872
1947.....	6,949	766	393	15	20	40	9	728	26	8,946
1948.....	6,610	599	378	14	36	34	5	819	13	8,508

Bureau of Animal Industry.

CHAPTER VII

DAIRY AND POULTRY STATISTICS

Data on numbers of milk cows include two separate series. The January 1 inventory number is the total of cows and heifers kept for milk of the specific age classification "2 years old and older." The other series, an annual average number of milk cows milked during the year, is the basis for milk production estimates. The number of cows and heifers in the former series is somewhat larger than in the latter, because it includes heifers over 2 years of age which have not yet freshened.

Prices of milk and butterfat include returns to farmers from some, but not all, of the wartime Government subsidy programs. Included in the prices here are Government fluid-milk payments, those under the butter roll-back subsidy program and the cheddar cheese purchase and sales program, which were made to dealers and processors and passed back to farmers through normal price channels. However, the Government dairy production payments direct to farmers are not included in the price series because they were not part of the normal marketing procedure. In comparing the several series of milk prices, it is also important to note that prices received by farmers for whole milk at wholesale are for milk of the butterfat content actually sold (about 3.91 percent), whereas prices of milk purchased by condenseries and by market milk distributors are on a 3.5 percent butterfat basis.

Poultry production statistics in this chapter include inventory numbers of chickens by classes; the production, disposition, and cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; commercial hatchery production; turkey production, disposition, cash receipts, and gross income; and liquid and dried egg production.

New tables this year give data on world production of eggs and milk, and the utilization of milk in various countries.

TABLE 511.—Cows, heifers, and heifer calves kept for milk purposes, Jan. 1: Number on farms and value, United States, 1930-48

Year	Cows and heifers 2 years old and older, kept for milk			Heifers 1 to 2 years old being kept for milk cows	Heifer calves under 1 year being kept for milk cows
	Number	Value per head	Total value		
	Thousands	Dollars	1,000 dollars	Thousands	Thousands
1930 ¹	21,124	82.70	1,904,794	4,851	5,199
1930.....	23,032	57.03	1,358,529	4,962	5,189
1931.....	24,896	39.51	983,671	5,020	5,449
1932.....	25,936	29.18	756,846	5,250	5,674
1933.....	26,931	27.00	727,039	5,382	5,675
1934 ¹	24,882	30.17	786,971	4,995	5,280
1935.....	25,082	49.32	1,242,753	4,772	5,484
1936.....	24,649	50.45	1,243,548	4,899	5,305
1937.....	24,466	54.52	1,333,730	4,808	5,500
1938.....	24,600	55.73	1,370,974	5,122	5,904
1939 ¹	21,937	57.30	1,428,239	5,525	5,967
1940.....	24,940	60.90	1,550,458	5,676	6,254
1941.....	26,313	77.90	2,049,349	5,889	6,635
1942.....	27,138	99.50	2,701,094	6,067	7,035
1943.....	27,704	102.00	2,829,804	6,352	7,201
1944 ¹	22,803	99.40	2,760,705	6,307	6,772
1945.....	27,770	112.00	2,994,437	5,803	6,595
1946.....	26,695	145.00	3,787,080	5,602	6,768
1947.....	25,039	164.00	4,102,968	5,649	6,487
1948.....	24,450	193.00	4,723,110	5,512	6,608
1949 ²					

¹ Italic figures are from Census of Agriculture. Figures for census years 1930, 1935, 1940, and 1945 represent number of cows milked in 1929, 1934, 1939, and 1944. Census dates were Apr. 1, 1930, Jan. 1, 1935, Apr. 1, 1940, and Jan. 1, 1945.

² Preliminary.

Bureau of Agricultural Economics. Data for 1900-29 in Agricultural Statistics, 1942, table 584.

TABLE 512.—Cows and heifers 2 years old and over kept for milk, Jan. 1: Number on farms and value, by States, average 1938-47, annual 1948 and 1949

State and division	Number			Value per head			Total value		
	Average 1938-47	1948	1949 ¹	Average 1938-47	1948	1949 ¹	Average 1938-47	1948	1949 ¹
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	133	127	126	90.50	156.90	176.00	11,944	19,812	22,176
New Hampshire.....	76	71	71	112.00	188.00	224.00	8,446	13,348	15,904
Vermont.....	300	290	293	106.00	183.00	225.00	31,786	53,070	65,925
Massachusetts.....	140	130	129	140.00	233.00	268.00	19,507	30,290	34,572
Rhode Island.....	23	22	22	143.00	235.00	268.00	3,219	5,170	5,896
Connecticut.....	127	119	117	144.00	235.00	268.00	18,292	27,965	31,122
New York.....	1,425	1,439	1,453	125.00	222.00	262.00	179,417	319,458	380,686
New Jersey.....	152	158	159	173.00	282.00	356.00	26,503	44,556	56,604
Pennsylvania.....	922	990	1,000	117.00	206.00	233.00	109,627	203,940	233,000
North Atlantic.....	3,297	3,346	3,370	123.00	214.00	251.00	408,741	717,609	845,885
Ohio.....	1,065	1,071	1,060	90.30	167.00	193.00	97,242	178,857	204,580
Indiana.....	789	758	743	88.60	165.00	190.00	70,684	125,070	141,170
Illinois.....	1,143	1,064	1,021	95.30	179.00	208.00	109,454	190,456	212,368
Michigan.....	1,000	1,006	1,006	97.20	184.00	220.00	98,818	185,104	221,320
Wisconsin.....	2,401	2,482	2,432	110.00	201.00	235.00	269,998	498,882	571,520
East North Central.....	6,399	6,381	6,262	99.60	185.00	216.00	646,196	1,178,369	1,350,958
Minnesota.....	1,770	1,579	1,516	89.70	181.00	214.00	159,273	285,799	324,424
Iowa.....	1,466	1,270	1,194	91.30	180.00	202.00	133,346	228,600	241,188
Missouri.....	1,000	975	956	71.70	138.00	163.00	72,644	134,550	155,828
North Dakota.....	549	444	417	80.40	173.00	197.00	44,310	76,812	82,149
South Dakota.....	506	407	379	81.40	172.00	200.00	41,077	70,004	75,800
Nebraska.....	630	514	502	83.70	174.00	201.00	52,402	89,436	100,902
Kansas.....	758	648	622	79.90	164.00	188.00	60,859	106,272	116,936
West North Central.....	6,680	5,837	5,586	84.30	170.00	196.00	563,912	991,473	1,097,227
North Central.....	13,078	12,218	11,848	91.80	178.00	207.00	1,210,108	2,169,842	2,448,185
Delaware.....	37	38	37	101.00	170.00	190.00	3,793	6,460	7,030
Maryland.....	212	232	234	100.00	179.00	205.00	21,663	41,528	47,970
Virginia.....	442	469	478	73.30	132.00	162.00	32,992	61,908	77,436
West Virginia.....	240	227	227	69.10	125.00	160.00	16,589	28,375	36,320
North Carolina.....	368	376	372	64.60	109.00	131.00	24,160	40,984	48,732
South Carolina.....	178	179	174	62.60	102.00	121.00	11,260	18,258	21,054
Georgia.....	384	395	379	53.70	94.00	116.00	20,867	37,130	43,964
Florida.....	125	148	148	63.80	100.00	120.00	8,212	14,800	17,760
South Atlantic.....	1,985	2,064	2,049	69.30	121.00	147.00	139,536	249,443	300,266
Kentucky.....	598	616	628	65.60	130.00	151.00	39,927	80,080	94,828
Tennessee.....	609	627	621	60.30	115.00	134.00	37,469	72,105	83,214
Alabama.....	429	435	413	52.90	96.00	118.00	23,163	41,760	48,734
Mississippi.....	570	543	527	47.60	91.00	113.00	27,497	49,413	59,551
Arkansas.....	499	445	427	50.40	99.00	127.00	25,380	44,055	54,229
Louisiana.....	351	342	318	54.20	100.00	122.00	19,344	34,200	38,796
Oklahoma.....	816	704	648	59.60	124.00	154.00	49,126	87,296	99,792
Texas.....	1,494	1,351	1,283	57.70	115.00	135.00	86,754	155,365	173,205
South Central.....	5,366	5,063	4,865	56.80	111.00	134.00	308,661	564,274	652,349
Montana.....	159	134	131	89.60	183.00	205.00	14,289	24,522	26,855
Idaho.....	241	229	227	85.60	181.00	203.00	21,047	41,449	46,081
Wyoming.....	68	60	56	86.20	167.00	194.00	5,891	10,020	10,864
Colorado.....	239	215	205	80.00	167.00	200.00	19,141	35,905	41,200
New Mexico.....	76	65	65	66.50	130.00	180.00	5,014	8,450	11,700
Arizona.....	49	47	46	92.00	168.00	205.00	4,511	7,896	9,430
Utah.....	113	113	113	88.00	165.00	196.00	10,142	18,645	22,148
Nevada.....	21	21	22	97.20	170.00	200.00	2,021	3,570	4,400
Washington.....	360	336	329	86.10	170.00	203.00	31,063	57,120	66,787
Oregon.....	271	243	235	76.90	151.00	185.00	20,785	36,693	44,030
California.....	795	885	855	97.50	178.00	218.00	79,649	157,530	192,930
Western.....	2,391	2,348	2,318	88.20	171.00	206.00	213,552	401,800	476,425
United States.....	26,118	25,039	24,450	86.40	164.00	193.00	2,280,597	4,102,968	4,723,110

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 513.—*Heifers and heifer calves kept for milk cows, Jan. 1: Number on farms, by States, average 1938-47, annual 1948 and 1949*

State and division	Heifers 1 to 2 years old being kept for milk cows			Heifer calves under 1 year being kept for milk cows		
	Average 1938-47	1948	1949 ¹	Average 1938-47	1948	1949 ¹
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Maine.....	34	35	34	37	35	36
New Hampshire.....	18	18	18	18	20	20
Vermont.....	60	58	58	63	61	62
Massachusetts.....	23	21	21	24	22	23
Rhode Island.....	2	2	2	3	3	3
Connecticut.....	20	19	20	21	23	24
New York.....	280	280	299	289	305	314
New Jersey.....	23	25	25	22	24	25
Pennsylvania.....	212	246	246	224	246	260
North Atlantic.....	671	704	723	702	739	767
Ohio.....	232	260	247	254	258	268
Indiana.....	164	167	155	181	171	173
Illinois.....	270	283	263	327	310	313
Michigan.....	231	259	250	264	260	273
Wisconsin.....	490	504	499	512	505	529
East North Central.....	1,387	1,473	1,414	1,539	1,504	1,556
Minnesota.....	387	380	369	410	359	382
Iowa.....	303	293	272	329	293	286
Missouri.....	200	195	195	232	219	225
North Dakota.....	128	100	94	160	160	159
South Dakota.....	135	103	102	164	186	187
Nebraska.....	150	132	128	175	178	172
Kansas.....	155	136	140	183	163	169
West North Central.....	1,458	1,339	1,300	1,654	1,558	1,580
Delaware.....	7	8	9	8	9	9
Maryland.....	42	50	52	46	53	55
Virginia.....	84	80	84	95	111	115
West Virginia.....	42	44	43	45	44	44
North Carolina.....	70	74	70	81	78	80
South Carolina.....	40	40	39	48	48	41
Georgia.....	104	113	107	116	130	132
Florida.....	41	42	35	51	65	75
South Atlantic.....	429	451	439	489	538	551
Kentucky.....	102	110	105	108	126	117
Tennessee.....	111	120	120	127	125	128
Alabama.....	126	135	131	151	157	160
Mississippi.....	124	120	115	144	140	154
Arkansas.....	135	107	100	157	122	136
Louisiana.....	90	85	76	108	99	107
Oklahoma.....	204	163	156	271	241	243
Texas.....	297	266	266	340	429	346
South Central.....	1,189	1,106	1,069	1,407	1,439	1,391
Montana.....	32	34	31	50	56	62
Idaho.....	58	60	59	72	79	79
Wyoming.....	15	14	14	18	17	15
Colorado.....	50	45	43	62	61	59
New Mexico.....	18	13	13	21	17	18
Arizona.....	12	12	13	14	13	13
Utah.....	28	27	27	33	38	41
Nevada.....	6	7	7	9	11	11
Washington.....	85	73	76	96	91	106
Oregon.....	65	53	54	74	76	77
California.....	210	238	230	224	250	282
Western.....	580	576	567	673	709	763
United States.....	5,715	5,649	5,512	6,463	6,487	6,608

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 514.—*Dairy-herd-improvement and dairy-cattle breeding associations, United States, Jan. 1, 1940-49*

Year	Dairy-herd-improvement associations		Dairy-cattle breeding associations			
	Associations	Cows enrolled	Dairy bull		Artificial breeding	
			Associations	Cows enrolled	Associations	Cows enrolled
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1940	1,300	676,141	277	41,678	27	33,977
1941	1,383	763,502	291	43,478	37	70,751
1942	1,421	816,117	295	43,251	73	112,788
1943	1,057	616,972	306	63,564	99	182,524
1944	954	561,587	293	62,473	95	218,070
1945	949	577,200	266	53,318	195	360,732
1946	1,124	627,878	165	28,018	336	579,477
1947	1,426	775,546	140	23,519	608	1,125,040
1948	1,668	886,129	99	14,006	963	1,743,327
1949	1,787	943,939	69	9,978	1,263	2,412,160

Bureau of Dairy Industry. Data for 1906-39 in Agricultural Statistics, 1942, table 588.

TABLE 515.—*Average return above feed cost per cow, by dairy-herd-improvement association cows with different levels of butterfat production, United States, 1947*

Range of butterfat production (pounds)	Cows		Average production			Feed cost			Value of product over feed cost	Return for \$1 spent for feed	Feed cost per pound of butterfat	Feed cost per 100 pounds of milk
			Butterfat	Milk	Value	Roughage including pasture	Grain	Total				
	<i>Number</i>	<i>Percent</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>	<i>Dol.</i>
25-74	2	0.01	74	1,610	75	36	16	52	23	1.44	0.70	3.23
75-124	86	.24	109	2,988	137	54	54	108	29	1.27	.99	3.61
125-174	698	1.97	156	3,952	176	55	57	112	64	1.57	.72	2.83
175-224	2,337	6.59	204	5,067	232	57	64	121	111	1.92	.59	2.39
225-274	4,901	13.83	252	6,288	283	58	72	130	153	2.18	.52	2.07
275-324	7,292	20.58	300	7,477	334	61	80	141	193	2.37	.47	1.89
325-374	7,757	21.89	349	8,630	387	63	87	150	237	2.58	.43	1.74
375-424	5,930	16.73	398	9,710	441	66	96	162	279	2.72	.41	1.67
425-474	3,592	10.13	447	10,867	494	67	105	172	322	2.87	.38	1.58
475-524	1,695	4.78	497	12,024	551	70	114	184	367	2.99	.37	1.53
525-574	726	2.05	545	13,121	608	74	120	194	414	3.13	.36	1.48
575-624	289	.82	595	13,933	652	80	128	208	444	3.13	.35	1.49
625-674	78	.22	642	15,227	695	88	145	233	462	2.98	.36	1.53
675-724	29	.08	696	16,462	764	107	177	284	480	2.69	.41	1.73
725-774	17	.05	747	17,864	812	82	185	267	545	3.04	.36	1.49
775-824	9	.03	803	18,396	866	78	205	283	583	3.06	.35	1.54
825-874												
875-924												
925-974	1		941	26,070	925	80	255	335	590	2.76	.36	1.29
Total	35,439	100.00										
Average			344	8,461	383	63	87	150	233	2.55	.44	1.77
Total cows in dairy-herd-improvement associations	775,546											
Cow-years	533,061											
Average for total cows			348	8,638	352	62	79	141	211	2.50	.41	1.63

¹ Average is for 35,439 cows selected at random, that completed a full 12-month testing period. Bureau of Dairy Industry. Data for earlier years in previous editions of Agricultural Statistics.

TABLE 516.—*Purebred dairy cattle: New registrations, by breeds, United States, 1939-48*

Breed	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
Ayrshire:										
Bulls.....	Number 2,755	Number 2,764	Number 3,083	Number 3,221	Number 3,792	Number 3,546	Number 3,386	Number 3,795	Number 4,633	Number 4,175
Cows.....	12,443	13,473	13,931	14,492	16,235	17,209	18,131	18,374	25,413	21,938
Total.....	15,198	16,237	17,014	17,713	20,027	20,755	21,517	22,169	30,046	26,113
Brown Swiss:										
Bulls.....	3,177	3,222	3,955	4,383	5,261	5,224	5,677	6,347	6,712	6,295
Cows.....	6,819	7,251	8,864	9,566	10,996	12,270	13,127	14,611	15,757	16,330
Total.....	9,996	10,473	12,819	14,019	16,257	17,494	18,804	20,958	22,469	22,625
Guernsey:										
Bulls.....	13,466	13,963	14,660	16,014	18,192	17,462	17,747	18,761	20,000	18,939
Cows.....	40,423	42,897	44,940	47,660	54,329	56,769	59,150	61,851	71,279	77,956
Total.....	53,889	56,860	59,600	63,674	72,521	74,231	76,897	80,612	91,279	96,895
Holstein-Friesian:										
Bulls.....	18,555	25,941	23,818	26,049	28,634	28,993	24,625	38,520	33,084	35,576
Cows.....	67,043	119,482	78,985	80,575	82,563	93,917	88,821	130,818	119,655	132,762
Total.....	85,598	145,423	102,803	106,624	111,197	122,910	113,446	169,338	152,739	168,338
Jersey:										
Bulls.....	10,052	10,267	12,406	13,317	9,331	9,948	9,780	9,032	15,797	12,152
Cows.....	37,048	38,260	48,137	58,504	44,829	46,523	41,370	40,239	70,579	56,974
Total.....	47,100	48,527	60,543	71,821	54,160	56,471	51,150	49,271	86,376	69,126

Bureau of Dairy Industry; data obtained from registry associations. See Agricultural Statistics, 1940, table 569, for data for earlier years.

TABLE 517.—*Cattle: Tuberculin testing under accredited-herd and area plans, United States, 1940-49*¹

Year ended June—	Cattle tested					Herds accredited
	Accredited-herd plan	Area plan	Total	Reactors found		
				Number	Percent	
1940.....	Number 2,097,534	Number 10,124,784	Number 12,222,318	Number 56,343	Percent 0.46	Number 284,757
1941.....	2,300,114	9,929,385	12,229,499	40,702	.30	263,405
1942.....	2,020,399	8,962,687	10,983,086	28,008	.26	259,775
1943.....	1,976,176	7,332,760	9,308,936	17,167	.18	246,611
1944.....	1,968,091	6,926,375	8,894,466	18,338	.21	243,551
1945.....	2,057,833	6,047,647	8,105,480	19,534	.24	237,991
1946.....	1,933,385	6,521,078	8,454,463	19,464	.23	432,790
1947.....	2,094,326	6,218,593	8,312,919	16,666	.20	233,552
1948.....	1,883,411	6,411,012	8,294,423	15,943	.19	229,807
1949.....	1,014,285	7,723,216	8,737,501	17,007	.19	206,439

¹ All counties in the United States and all areas in Puerto Rico and the Virgin Islands are in the modified accredited area. Areas or counties so designated are those in which tuberculin does not exist among more than 0.5 percent of the cattle as determined by official tuberculin testing and from which all reactors to the test have been removed.

Bureau of Animal Industry.

Current data on tuberculosis-eradication work, including progress by States and counties, may be obtained from Bureau of Animal Industry. Data for 1917-25 in 1925 Yearbook, table 519, and data for 1926-35 in Agricultural Statistics, 1936, table 366, and data for 1936-39 in Agricultural Statistics, 1946, table 484.

TABLE 518.—Cattle: Brucellosis (Bang's disease) work in cooperation with States, 1940-49¹

Year ended June 30—	Agglutination blood tests completed				Calves vaccinated	Under supervision at end of year (June 30)	
	Herds	Cattle	Reactors	Percentage of reactors		Herds	Cattle
1940	590,393	6,937,428	171,953	2.5		1,615,755	12,315,329
1941	677,544	7,465,254	182,075	2.4	21,025	1,883,914	13,932,693
1942	591,835	6,891,219	209,238	3.0	126,571	2,105,294	15,627,027
1943	392,636	5,185,228	197,329	3.8	231,049	2,199,535	16,616,522
1944	386,266	5,235,912	226,079	4.3	392,232	2,254,235	17,326,138
1945	395,236	5,213,458	243,050	4.7	501,114	2,307,585	17,545,638
1946	389,814	4,876,866	245,786	5.0	694,139	2,360,699	17,870,154
1947	454,789	5,133,814	232,293	4.5	891,709	2,249,118	17,589,018
1948	533,963	5,434,792	232,199	4.3	1,159,327	2,291,760	18,128,318
1949	563,501	5,671,347	226,691	4.0	1,573,128	2,165,364	17,126,480

¹ Tables were previously compiled on a calendar-year basis.

Bureau of Animal Industry.

Current data on brucellosis work, including progress by States and counties, may be obtained from the Bureau of Animal Industry.

TABLE 519.—Milk cows and dairy products: Average prices received by farmers, and prices paid by dealers, United States, 1939-48

Year	Prices received by farmers for—			Prices paid by plants and dealers for milk for specified purposes, per 100 pounds, 3.5% fat basis	
	Milk cows, per head ¹	Whole milk wholesale, per 100 pounds ²	Butterfat in cream, per pound ³	Milk for distribution as fluid milk ⁴	Milk for canning ⁵
	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1939	58.60	1.68	23.9	2.17	1.24
1940	61.00	1.82	28.0	2.21	1.38
1941	71.70	2.18	34.2	2.40	1.81
1942	89.70	2.57	39.6	2.79	2.08
1943	114.00	3.12	49.9	3.16	2.61
1944	107.00	3.21	50.3	3.24	2.66
1945	111.00	3.19	50.3	3.26	2.63
1946	131.00	3.96	64.3	3.92	3.36
1947	151.00	4.26	71.8	4.71	3.46
1948 ⁷	185.00	4.86	79.7	5.17	3.90

Year	Prices paid by plants and dealers for milk for specified purposes, basis fat test as actually delivered							
	Milk for canning ⁶		Milk for butter and by-products ⁶		Milk for cheese ⁸			
					American cheese		All cheese	
	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	<i>Dollars</i>	<i>Pct.</i>	<i>Dollars</i>	<i>Pct.</i>	<i>Dollars</i>	<i>Pct.</i>	<i>Dollars</i>	<i>Pct.</i>
1947	3.92	4.04	3.64	3.91	3.73	3.90	3.73	3.84
1948 ⁷	4.42	4.07	4.06	3.89	4.18	3.90	4.17	3.84

¹ Annual price is straight average of United States prices for 12 months.

² Average wholesale price for whole milk sold for all purposes, based on reports from milk-market administrators, cooperative milk-marketing associations, whole-milk distributors, and milk-products manufacturing plants. Annual prices, by States, weighted by estimated volume of milk sold wholesale.

³ Based on reports of special price reporters. Annual prices, by States, weighted by estimated volume of cream sold.

⁴ Dealers' buying prices, f.o.b. local shipping point or country plant, for standard grade milk which is used for city distribution as fluid milk.

⁵ Milk used for evaporated and canned condensed milk. Prices f.o.b. factory.

⁶ Does not include Government dairy production program payments, made October 1943 to June 1946.

⁷ Preliminary.

⁸ Price f.o.b. factory or local receiving station, whichever is the customary place for determining prices.

Bureau of Agricultural Economics.

TABLE 520.—Butterfat-fed and milk-fed price ratios and value of concentrate rations fed to milk cows, United States, average 1928-47, annual 1939-48¹

Year	Butterfat-fed price ratio ²	Milk-fed price ratio ³	Value per 100 pounds of grain and concentrates fed to milk cows		Year	Butterfat-fed price ratio ²	Milk-fed price ratio ³	Value per 100 pounds of grain and concentrates fed to milk cows	
			Cream selling areas	Whole milk selling areas				Cream selling areas	Whole milk selling areas
	Pounds	Pounds	Dollars	Dollars		Pounds	Pounds	Dollars	Dollars
1928-47 avg.	24.3	1.27	1.62	1.90	1944	24.4	1.38	2.39	2.74
1939	22.6	1.29	1.07	1.32	1945	27.5	1.42	2.31	2.67
1940	24.0	1.29	1.19	1.43	1946	26.8	1.38	2.77	3.16
1941	26.4	1.39	1.30	1.58	1947	21.8	1.18	3.37	3.70
1942	24.4	1.32	1.66	1.96	1948 ⁴	22.5	1.25	3.53	3.93
1943	24.8	1.35	2.09	2.39					

¹ Annual ratios based on average of monthly ratios.

² Pounds of concentrate ration equal in value to 1 pound of butterfat.

³ Pounds of concentrate ration equal in value to 1 pound of wholesale milk.

⁴ Includes allowances for Government dairy production program payments for the period October 1943 through June 1946.

⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 521.—Milk, butterfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, United States, 1930-48

Year	Milk cows on farms ¹	Production, per milk cow ²		Percentage of butterfat in milk	Total production on farms ²		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
1930	22,218	4,508	176.8	3.92	100,158	3,929	523,285
1931	23,108	4,459	175.0	3.93	103,029	4,045	544,395
1932	24,105	4,307	169.2	3.93	103,810	4,079	581,450
1933	25,062	4,180	164.2	3.93	104,762	4,114	579,845
1934	25,198	4,033	158.7	3.94	101,621	3,999	558,649
1935	24,187	4,184	165.4	3.95	101,205	4,000	539,110
1936	23,727	4,316	170.3	3.95	102,410	4,041	501,900
1937	23,340	4,366	172.5	3.95	101,908	4,025	472,270
1938	23,215	4,558	180.1	3.95	105,807	4,180	453,990
1939	23,273	4,589	181.5	3.95	106,792	4,223	428,689
1940	23,677	4,625	183.6	3.97	109,502	4,348	402,690
1941	24,312	4,741	188.4	3.97	115,268	4,580	395,476
1942	25,081	4,740	188.3	3.97	118,884	4,722	366,370
1943	25,574	4,606	183.1	3.98	117,785	4,682	341,120
1944	25,775	4,578	182.2	3.98	117,992	4,696	329,148
1945	25,329	4,797	190.9	3.98	121,504	4,836	336,990
1946	24,475	4,891	194.5	3.98	119,713	4,760	333,780
1947	23,825	4,997	198.8	3.98	119,065	4,736	315,840
1948 ³	22,935	5,036	200.6	3.98	115,511	4,600	298,520

¹ Average number on farms during year, heifers that have not freshened excluded.

² Excludes milk sucked by calves and milk produced by cows not on farms.

³ Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 on most items in Agricultural Statistics, 1942, table 593.

TABLE 522.—Milk: Disposition by farmers, United States, 1930-48

Year	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers ²	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk ¹		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1930.....	2,986	11,207	8,150	22,343	2,497	33,974	34,497	6,847	77,815
1931.....	2,997	11,913	8,554	23,464	2,507	35,468	34,614	6,976	79,565
1932.....	2,859	12,507	9,180	24,546	2,640	36,095	33,501	7,028	79,264
1933.....	2,878	12,784	9,293	24,955	2,505	36,524	33,705	7,073	79,807
1934.....	2,688	12,773	9,120	24,581	2,223	33,867	33,869	7,081	77,040
1935.....	2,676	12,410	8,807	23,893	2,124	32,564	35,647	6,977	77,312
1936.....	2,755	12,077	8,256	23,088	1,907	31,904	38,777	6,734	79,322
1937.....	2,724	11,955	7,795	22,474	1,753	30,644	40,470	6,567	79,434
1938.....	2,850	11,950	7,494	22,294	1,679	32,728	42,657	6,449	83,513
1939.....	2,967	12,167	7,102	22,236	1,551	32,987	43,801	6,217	84,556
1940.....	2,994	12,063	6,688	21,745	1,441	33,044	47,170	6,102	87,757
1941.....	3,124	12,020	6,587	21,731	1,380	34,091	52,121	5,945	93,537
1942.....	3,294	11,856	6,127	21,277	1,238	31,322	59,185	5,862	97,607
1943.....	3,276	11,615	5,770	20,661	1,081	30,188	60,116	5,739	97,124
1944.....	3,270	11,685	5,571	20,526	1,037	26,422	64,338	5,669	97,466
1945.....	3,335	11,671	5,680	20,686	1,075	24,288	69,836	5,619	100,818
1946.....	3,255	12,318	5,540	21,113	1,090	21,380	70,591	5,539	98,600
1947.....	3,228	12,295	5,302	20,825	966	20,969	71,127	5,178	98,240
1948 ³	3,097	12,306	5,036	20,439	892	19,694	69,550	4,936	95,072

¹ Estimates include milk delivered to creameries, condenseries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

² Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers.

³ Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 596.

TABLE 523.—Milk, butterfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, by States, 1947

State and division	Milk cows on farms ¹	Production per milk cow ²		Percentage of butterfat in milk	Total production on farms ²		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine.....	121	5,270	221	4.2	638	27	4,200
New Hampshire.....	64	5,330	208	3.9	341	13	570
Vermont.....	277	5,420	222	4.1	1,501	62	750
Massachusetts.....	128	6,050	242	4.0	174	31	430
Rhode Island.....	20	6,500	254	3.9	130	5	30
Connecticut.....	117	5,900	224	3.8	690	26	300
New York.....	1,327	6,180	232	3.75	8,214	308	5,000
New Jersey.....	157	6,880	268	3.9	1,080	42	350
Pennsylvania.....	957	5,730	223	3.9	5,484	214	6,500
North Atlantic.....	3,168	5,951	229.8	3.86	18,852	728	18,130
Ohio.....	1,042	5,110	210	4.1	5,325	218	4,500
Indiana.....	753	4,840	206	4.25	3,645	155	2,600
Illinois.....	1,032	5,200	200	3.85	5,366	207	4,500
Michigan.....	979	5,710	226	3.95	5,590	221	4,000
Wisconsin.....	2,403	6,370	236	3.7	15,307	566	600
East North Central.....	6,209	5,675	220.2	3.88	35,233	1,367	16,200
Minnesota.....	1,530	5,500	198	3.6	8,415	308	1,500
Iowa.....	1,242	5,250	200	3.8	6,520	248	3,700
Missouri.....	941	4,360	187	4.3	4,103	176	9,500
North Dakota.....	432	4,540	170	3.75	1,961	74	5,400
South Dakota.....	375	3,970	151	3.8	1,489	57	2,500
Nebraska.....	566	4,750	180	3.8	2,404	91	5,400
Kansas.....	635	4,470	179	4.0	2,838	114	5,000
West North Central.....	5,661	4,898	187.8	3.83	27,730	1,063	33,000
Delaware.....	36	4,940	198	4.0	178	7	130
Maryland.....	219	5,350	214	4.0	1,172	47	1,000
Virginia.....	442	4,300	183	4.25	1,901	81	16,200
West Virginia.....	217	3,900	168	4.3	846	36	7,800
North Carolina.....	359	4,260	192	4.5	1,529	69	24,000
South Carolina.....	162	3,660	165	4.5	593	27	10,200
Georgia.....	360	3,340	150	4.5	1,202	54	23,000
Florida.....	131	3,800	162	4.25	498	21	1,500
South Atlantic.....	1,926	4,112	177.6	4.32	7,919	342	83,830
Kentucky.....	567	3,960	174	4.4	2,245	99	14,400
Tennessee.....	593	3,820	170	4.45	2,265	101	23,000
Alabama.....	391	3,430	154	4.5	1,341	60	30,000
Mississippi.....	480	2,840	128	4.5	1,363	61	18,500
Arkansas.....	420	3,110	137	4.4	1,306	57	15,700
Louisiana.....	278	2,390	108	4.5	664	30	5,200
Oklahoma.....	660	3,550	153	4.3	2,343	101	9,400
Texas.....	1,270	3,110	137	4.4	3,950	174	33,000
South Central.....	4,659	3,322	146.6	4.41	15,477	683	149,200
Montana.....	130	4,880	190	3.90	634	25	1,900
Idaho.....	208	6,110	238	3.9	1,271	50	1,150
Wyoming.....	58	5,120	192	3.75	297	11	800
Colorado.....	200	5,000	190	3.8	1,000	38	2,100
New Mexico.....	58	4,100	172	4.2	238	10	800
Arizona.....	44	5,900	224	3.8	260	10	500
Utah.....	106	6,200	232	3.75	657	25	760
Nevada.....	17	5,870	217	3.7	100	4	180
Washington.....	319	6,450	271	4.2	2,058	86	3,200
Oregon.....	228	5,890	265	4.5	1,343	60	2,000
California.....	834	7,190	280	3.9	5,996	234	2,100
Western.....	2,202	6,292	251.1	3.99	13,854	553	15,480
United States.....	23,825	4,997	198.8	3.98	119,065	4,736	315,840

¹ Estimated average number during year, heifers not freshened excluded.² Excludes milk sucked by calves and milk produced by cows not on farms.

Bureau of Agricultural Economics.

TABLE 524.—Milk: Disposition by farmers, by States, 1947

State and division	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers ²	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk ¹		
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Maine.....	11	78	36	123	48	21	360	86	515
New Hampshire.....	6	28	5	39	6	5	247	44	302
Vermont.....	30	62	7	99	8	8	1,346	40	1,402
Massachusetts.....	12	49	5	66	4	4	570	130	708
Rhode Island.....	2	6	1	9	.....	.....	102	19	121
Connecticut.....	15	40	4	59	2	1	518	110	631
New York.....	230	363	55	648	55	73	7,060	378	7,566
New Jersey.....	17	38	6	61	2	.....	910	107	1,019
Pennsylvania.....	126	358	69	553	71	100	4,300	460	4,981
North Atlantic.....	449	1,020	188	1,657	196	212	15,413	1,374	17,195
Ohio.....	149	453	68	670	22	483	3,960	190	4,655
Indiana.....	88	337	41	466	10	450	2,638	81	3,179
Illinois.....	131	493	83	707	14	750	3,695	200	4,659
Michigan.....	199	411	62	672	24	854	3,920	120	4,918
Wisconsin.....	493	475	10	978	4	275	13,940	110	14,329
East North Central.....	1,060	2,169	264	3,493	74	2,812	28,153	701	31,740
Minnesota.....	236	486	33	755	2	3,403	4,150	105	7,660
Iowa.....	202	542	79	823	5	4,422	1,170	100	5,697
Missouri.....	103	530	175	808	15	800	2,340	140	3,295
North Dakota.....	73	181	117	371	5	1,473	78	34	1,590
South Dakota.....	57	168	54	279	2	1,068	100	40	1,210
Nebraska.....	91	272	117	480	5	1,459	370	90	1,924
Kansas.....	105	323	100	528	8	1,252	930	120	2,310
West North Central.....	867	2,502	675	4,044	42	13,877	9,138	629	23,686
Delaware.....	3	13	2	18	1	.....	144	15	160
Maryland.....	22	79	13	114	9	13	940	96	1,058
Virginia.....	57	358	266	681	58	212	835	115	1,220
West Virginia.....	26	236	127	389	25	107	230	95	457
North Carolina.....	28	491	382	901	76	24	413	115	628
South Carolina.....	9	193	164	366	31	10	120	66	227
Georgia.....	17	307	357	681	82	30	315	94	521
Florida.....	5	59	24	88	5	1	326	78	410
South Atlantic.....	167	1,736	1,335	3,238	287	397	3,323	674	4,681
Kentucky.....	43	548	260	851	21	380	850	143	1,394
Tennessee.....	39	455	390	884	58	140	1,100	83	1,381
Alabama.....	17	382	490	889	71	20	290	71	452
Mississippi.....	15	381	336	732	17	49	505	60	631
Arkansas.....	18	417	283	718	23	210	275	80	588
Louisiana.....	7	218	90	315	9	8	267	65	349
Oklahoma.....	56	479	174	709	14	790	685	145	1,634
Texas.....	59	1,061	521	1,641	123	466	1,430	290	2,309
South Central.....	254	3,941	2,544	6,739	336	2,063	5,402	937	8,738
Montana.....	24	75	36	135	5	300	135	59	499
Idaho.....	43	96	22	161	2	163	900	45	1,110
Wyoming.....	10	32	17	59	1	110	103	24	238
Colorado.....	39	115	43	197	4	345	389	65	803
New Mexico.....	5	47	14	66	2	60	75	35	172
Arizona.....	7	19	10	36	1	10	177	36	224
Utah.....	20	73	15	108	2	70	438	39	549
Nevada.....	4	7	3	14	1	25	44	16	86
Washington.....	74	157	60	291	6	250	1,376	135	1,767
Oregon.....	49	132	36	217	2	207	848	69	1,126
California.....	156	174	40	370	5	68	5,213	340	5,626
Western.....	431	927	296	1,654	31	1,608	9,698	863	12,200
United States.....	3,228	12,295	5,302	20,825	966	20,969	71,127	5,178	98,240

¹ Estimates include milk delivered to creameries, condenseries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

² Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers. Bureau of Agricultural Economics.

TABLE 525.—Milk, butterfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, by States, 1948 (preliminary)

State and division	Milk cows on farms ¹	Production per milk cow ²		Percentage of butterfat in milk	Total production on farms ²		Butter churned on farms
		Milk	Butterfat		Milk	Butterfat in milk	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine.....	119	5,100	214	4.2	607	25	4,200
New Hampshire.....	62	5,330	208	3.9	330	13	590
Vermont.....	269	5,400	221	4.1	1,453	60	700
Massachusetts.....	124	6,060	242	4.0	751	30	390
Rhode Island.....	20	6,600	257	3.9	132	5	30
Connecticut.....	111	5,980	227	3.8	664	25	300
New York.....	1,320	6,100	229	3.75	8,052	302	4,500
New Jersey.....	156	6,890	269	3.9	1,075	42	350
Pennsylvania.....	954	5,740	224	3.9	5,476	214	6,000
North Atlantic.....	3,135	5,914	228.4	3.86	18,540	716	17,060
Ohio.....	1,023	5,190	213	4.1	5,309	218	4,500
Indiana.....	730	4,860	207	4.25	3,548	151	2,300
Illinois.....	977	5,290	204	3.85	5,168	199	4,200
Michigan.....	952	5,670	224	3.95	5,398	213	3,700
Wisconsin.....	2,323	6,420	238	3.7	14,914	552	540
East North Central.....	6,005	5,718	222.0	3.88	34,337	1,333	15,240
Minnesota.....	1,434	5,570	201	3.6	7,987	288	1,300
Iowa.....	1,147	5,220	198	3.8	5,987	228	3,700
Missouri.....	916	4,500	194	4.3	4,122	177	9,300
North Dakota.....	392	4,550	171	3.75	1,784	67	5,000
South Dakota.....	349	4,060	154	3.8	1,417	54	2,600
Nebraska.....	478	4,720	179	3.8	2,256	86	5,600
Kansas.....	599	4,500	180	4.0	2,696	108	5,200
West North Central.....	5,315	4,939	189.7	3.84	26,249	1,008	32,700
Delaware.....	35	5,040	202	4.0	176	7	120
Maryland.....	220	5,300	212	4.0	1,166	47	900
Virginia.....	447	4,460	190	4.25	1,994	85	15,900
West Virginia.....	213	3,970	171	4.3	846	36	7,500
North Carolina.....	356	4,330	195	4.5	1,541	69	22,500
South Carolina.....	159	3,710	167	4.5	690	27	9,900
Georgia.....	351	3,420	154	4.5	1,200	54	21,500
Florida.....	133	3,850	164	4.25	512	22	1,400
South Atlantic.....	1,914	4,193	181.3	4.32	8,025	347	79,720
Kentucky.....	565	3,860	170	4.4	2,181	96	13,400
Tennessee.....	583	3,790	169	4.45	2,210	98	20,400
Alabama.....	374	3,500	158	4.5	1,309	59	28,800
Mississippi.....	458	2,960	133	4.5	1,356	61	17,600
Arkansas.....	397	3,300	145	4.4	1,310	58	15,200
Louisiana.....	260	2,500	112	4.5	650	29	5,000
Oklahoma.....	609	3,550	153	4.3	2,162	93	8,600
Texas.....	1,183	3,170	139	4.4	3,750	165	30,000
South Central.....	4,429	3,371	148.8	4.41	14,928	659	139,000
Montana.....	122	4,990	195	3.90	609	24	1,950
Idaho.....	203	6,120	239	3.9	1,242	48	1,050
Wyoming.....	55	5,150	193	3.75	283	11	800
Colorado.....	194	4,980	189	3.8	966	37	1,900
New Mexico.....	61	3,900	164	4.2	238	10	700
Arizona.....	457	5,600	213	3.8	252	10	450
Utah.....	104	6,360	238	3.75	661	25	670
Nevada.....	17	6,000	222	3.7	102	4	180
Washington.....	310	6,520	274	4.2	2,021	85	3,100
Oregon.....	222	5,790	261	4.5	1,285	58	2,000
California.....	804	7,180	280	3.9	5,773	225	2,000
Western.....	2,137	6,285	251.3	4.00	13,432	537	14,800
United States.....	22,935	5,036	200.6	3.98	115,511	4,600	298,520

¹ Estimated average number during year, heifers not freshened excluded.

² Excludes milk sucked by calves and milk produced by cows not on farms.

Bureau of Agricultural Economics.

TABLE 526.—Milk: Disposition by farmers, by States, 1948 (preliminary)

State and division	Milk used on farms where produced				Milk utilized in products sold from farms				
	Fed to calves	Consumed in the household		Total farm use	For farm-churned butter sold	For wholesale deliveries to plants, dealers, etc.		For retail sales of milk and cream by farmers ²	Total utilized for products sold
		As whole milk or cream	As farm-churned butter			As cream	As milk ¹		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Maine.....	10	74	38	122	46	15	342	82	485
New Hampshire.....	6	27	6	39	6	4	238	43	291
Vermont.....	28	61	6	95	8	6	1,305	39	1,358
Massachusetts.....	13	49	5	67	3	3	550	128	684
Rhode Island.....	2	6	1	9	—	—	104	19	123
Connecticut.....	15	41	4	60	2	1	500	101	604
New York.....	234	375	48	657	51	65	6,920	359	7,395
New Jersey.....	16	38	6	60	2	—	914	99	1,015
Pennsylvania.....	120	358	67	545	62	92	4,350	427	4,931
North Atlantic.....	444	1,029	181	1,654	180	186	15,223	1,297	16,886
Ohio.....	143	451	68	662	22	443	4,000	182	4,647
Indiana.....	82	352	37	471	8	404	2,590	75	3,077
Illinois.....	114	511	77	702	13	692	3,571	190	4,466
Michigan.....	184	409	58	651	22	745	3,880	100	4,747
Wisconsin.....	492	480	8	980	4	320	13,510	100	13,934
East North Central.....	1,015	2,203	248	3,466	69	2,604	27,551	647	30,871
Minnesota.....	224	494	28	746	2	3,374	3,775	90	7,241
Iowa.....	180	540	79	799	5	3,976	1,110	97	5,188
Missouri.....	103	531	172	806	14	816	2,350	136	3,316
North Dakota.....	68	168	109	345	4	1,334	70	31	1,439
South Dakota.....	52	168	57	277	2	1,005	95	38	1,140
Nebraska.....	83	272	122	477	5	1,329	360	85	1,779
Kansas.....	105	315	104	524	8	1,205	849	110	2,172
West North Central.....	815	2,488	671	3,974	40	13,039	8,609	587	22,275
Delaware.....	3	13	2	18	1	—	142	15	158
Maryland.....	22	77	11	110	8	13	937	98	1,056
Virginia.....	60	361	262	683	56	215	930	110	1,311
West Virginia.....	28	239	123	390	23	102	236	95	456
North Carolina.....	31	494	359	884	71	22	464	100	657
South Carolina.....	9	196	160	365	29	10	120	66	225
Georgia.....	17	323	335	675	76	29	325	95	525
Florida.....	5	60	22	87	5	1	341	78	425
South Atlantic.....	175	1,763	1,274	3,212	269	392	3,495	657	4,813
Kentucky.....	39	533	243	815	18	371	840	137	1,366
Tennessee.....	35	466	347	848	51	140	1,090	81	1,362
Alabama.....	16	387	470	873	69	17	280	70	436
Mississippi.....	16	373	321	710	15	48	520	63	646
Arkansas.....	20	401	273	694	23	211	300	82	616
Louisiana.....	7	225	88	320	8	7	252	63	330
Oklahoma.....	54	461	161	676	11	710	630	135	1,486
Texas.....	52	1,050	476	1,578	109	408	1,370	285	2,172
South Central.....	239	3,896	2,379	6,514	304	1,912	5,282	916	8,414
Montana.....	23	74	37	134	5	287	125	58	475
Idaho.....	43	99	20	162	2	147	889	42	1,080
Wyoming.....	10	32	17	59	1	100	100	23	224
Colorado.....	39	115	39	193	4	332	374	63	773
New Mexico.....	5	45	13	63	1	60	79	35	175
Arizona.....	7	19	9	35	1	10	171	35	217
Utah.....	20	73	13	106	2	71	447	35	555
Nevada.....	4	7	3	14	1	25	46	16	88
Washington.....	73	157	58	288	6	238	1,360	129	1,733
Oregon.....	46	132	36	214	2	218	785	66	1,071
California.....	139	174	38	351	5	73	5,014	330	5,422
Western.....	409	927	283	1,619	30	1,561	9,390	832	11,813
United States.....	3,097	12,306	5,036	20,439	892	19,694	69,550	4,936	95,072

¹ Estimates include milk delivered to creameries, condenseries, cheese factories, and market milk receiving stations, but exclude market milk sold to other farmers for local delivery.

² Approximations based chiefly on the population in small towns and rural areas, where most families purchase their milk supply directly from local farmers. Bureau of Agricultural Economics.

TABLE 527.—*Milk: Production and utilization in specified countries, average 1934-38, annual 1947 and 1948*

Year and country	Production			Utilization ²					
	Milk cows ¹	Production per cow	Milk production	Fluid milk ³	Butter	Cheese	Canned milk	Other uses ⁴	Feed
	1,000 head	Pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Average 1934-38:									
Canada.....	3,816	4,138	15,789	4,645	8,197	1,411	273	472	791
United States.....	23,933	4,291	⁵ 105,416	43,559	43,729	6,449	4,607	4,333	2,739
Austria ⁶	1,210	4,630	5,602	3,068	1,212	661	-----	-----	661
Belgium.....	967	7,022	6,790	1,433	4,321	163	15	42	816
Denmark.....	1,658	7,047	⁷ 11,684	1,433	9,314	331	-----	⁸ 55	551
Finland.....	1,309	4,268	5,587	2,556	2,735	205	-----	-----	91
France ⁹	8,022	3,921	31,457	7,932	10,933	4,864	-----	⁸ 200	¹⁰ 7,528
Germany.....	10,076	5,270	⁷ 53,100	16,100	28,100	2,400	-----	500	6,000
Italy.....	3,466	3,968	¹¹ 13,750	3,700	2,700	3,600	24	626	3,190
Netherlands.....	1,460	7,658	11,180	2,321	5,536	2,291	-----	⁸ 520	512
Norway.....	807	3,660	⁷ 2,954	1,124	1,111	489	-----	⁸ 53	177
Sweden.....	1,922	5,327	⁷ 10,238	3,283	5,170	782	-----	⁸ 44	959
Switzerland ¹²	902	6,297	⁷ 6,041	2,125	1,497	1,303	-----	⁸ 49	1,067
United Kingdom.....	3,300	5,583	18,424	11,100	2,800	1,008	-----	647	2,183
Australia ¹³	2,545	4,629	¹⁴ 11,780	1,612	9,466	444	¹⁵ 258	-----	-----
New Zealand.....	1,807	5,232	¹⁶ 9,454	532	6,922	1,754	-----	⁸ 57	189
1947:									
Canada.....	3,697	4,664	17,241	5,885	8,136	1,400	666	337	817
United States.....	23,825	4,997	¹⁷ 121,891	57,295	33,708	11,727	7,891	8,042	3,228
Austria.....	1,080	3,063	3,308	1,423	1,135	109	-----	-----	641
Belgium.....	820	6,649	5,452	1,714	3,020	104	5	9	600
Denmark.....	1,546	5,855	9,052	1,645	6,221	529	88	84	485
France.....	7,700	2,987	23,000	5,424	8,300	2,600	-----	⁸ 123	¹⁰ 6,553
Netherlands.....	1,269	6,351	8,060	3,187	2,900	1,221	176	91	485
Norway.....	795	3,520	2,800	1,506	835	216	-----	⁸ 45	198
Sweden.....	1,808	5,545	10,027	3,534	5,066	516	-----	128	783
Switzerland ¹²	822	5,357	4,541	2,183	737	915	34	33	639
United Kingdom.....	3,540	5,188	18,365	14,986	865	392	309	443	1,370
Australia ¹³	2,227	4,993	¹⁴ 11,120	2,470	6,986	938	251	475	-----
New Zealand ¹⁸	1,658	5,469	¹⁶ 9,067	667	6,267	1,844	-----	⁸ 111	178
1948 (preliminary):									
Canada.....	3,701	4,497	16,645	5,610	8,137	998	788	364	748
United States.....	22,935	5,036	¹⁹ 118,337	56,806	30,978	10,920	8,320	8,216	3,097
Austria.....	1,045	3,225	3,370	1,474	1,204	117	-----	-----	575
Belgium.....	850	7,270	6,179	1,885	3,468	133	5	8	680
Denmark.....	1,475	6,089	8,982	1,684	5,981	652	112	79	474
France.....	8,000	3,266	26,127	7,082	9,428	2,200	-----	⁸ 147	¹⁰ 7,270
Netherlands.....	1,362	7,250	9,874	3,316	3,900	1,832	301	84	441
Norway.....	768	3,961	3,042	1,515	980	300	-----	⁸ 60	187
Sweden.....	1,704	5,754	9,805	3,585	4,762	620	-----	128	710
Switzerland ¹²	809	5,952	5,004	2,337	666	1,173	31	48	749
United Kingdom.....	3,583	5,606	20,085	16,130	948	618	433	586	1,370
Australia ¹³	2,267	5,307	¹⁴ 12,032	2,491	7,853	919	293	476	-----
New Zealand ¹⁸	1,714	5,445	¹⁶ 9,333	800	6,400	1,733	-----	⁸ 133	267

¹ Includes, for the United States and Canada, cows kept mainly for milk, and for all other countries, cows producing over and above the requirements of the calf.

² Includes farm uses.

³ Includes milk used for cream.

⁴ Includes milk used for ice cream, dried whole milk, minor products, waste and balance.

⁵ Total production is shown. Milk production on farms, 102,590 million pounds.

⁶ For the year 1934.

⁷ For the years 1933-37.

⁸ Includes canned milk.

⁹ For the years 1937 and 1938.

¹⁰ Includes both hand-fed milk and milk sucked by calves.

¹¹ For the year 1938.

¹² Production and utilization include goats' milk.

¹³ For the years ending June 30.

¹⁴ Excludes milk fed to calves.

¹⁵ Includes dried whole milk.

¹⁶ Utilization of butterfat converted to milk equivalent on the basis of 4.5 percent fat content.

¹⁷ Total production is shown. Production on farms, 119,065 million pounds.

¹⁸ Years ending July 31.

¹⁹ Total production is shown. Production on farms, 115,511 million pounds.

Office of Foreign Agricultural Relations. Prepared or estimated from official statistics, U.S. Foreign Service reports, and other information.

TABLE 528.—Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, United States, 1930-48

Year	Farm butter			Deliveries to plants, dealers, etc. at wholesale						Milk and cream retailed by farmers		
				Cream sold as butterfat			Whole milk					
	Quantity sold	Price per pound	Value of sales	Quantity butterfat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 pounds	Value of sales	Quantity sold, milk equivalent	Price per quart	Value of sales
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	Million pounds	Dollars	1,000 dollars	Million quarts	Cents	1,000 dollars
1930.....	121,572	36.3	44,119	1,275,870	34.5	440,152	34,497	2.21	764,095	3,189	11.3	359,075
1931.....	122,352	27.2	33,321	1,332,560	24.8	329,863	34,614	1.69	584,488	3,244	10.1	329,063
1932.....	128,672	20.8	26,721	1,356,200	17.9	242,708	33,501	1.28	427,334	3,269	8.9	289,607
1933.....	122,015	20.1	24,533	1,371,050	18.8	257,549	33,705	1.30	439,179	3,288	8.6	282,945
1934.....	108,542	22.7	24,636	1,272,220	22.7	288,951	33,869	1.55	523,497	3,293	9.4	308,433
1935.....	103,970	26.7	27,766	1,223,560	28.1	343,457	35,647	1.74	620,951	3,243	9.8	318,030
1936.....	93,538	28.8	26,982	1,197,170	32.2	385,997	38,777	1.93	748,218	3,135	10.1	316,685
1937.....	86,332	29.6	25,548	1,151,270	33.3	382,801	40,470	1.97	796,068	3,056	10.5	320,854
1938.....	82,562	26.6	22,001	1,229,860	26.3	322,893	42,657	1.72	733,221	2,997	10.3	309,311
1939.....	76,363	25.0	19,113	1,237,940	23.9	295,456	43,801	1.68	734,703	2,890	10.3	296,250
1940.....	70,779	26.6	18,857	1,250,280	28.0	350,577	47,170	1.82	856,987	2,841	10.3	293,925
1941.....	68,018	30.4	20,685	1,289,860	34.2	441,403	52,121	2.18	1,137,956	2,766	10.8	298,546
1942.....	61,056	35.2	21,515	1,183,860	39.6	468,851	59,185	2.57	1,523,653	2,728	11.8	322,015
1943.....	53,326	43.7	23,319	1,139,910	49.9	568,313	60,116	3.12	1,874,825	2,669	12.8	340,406
1944.....	51,315	43.8	22,463	999,110	50.3	502,767	64,338	3.21	2,064,364	2,639	13.2	348,240
1945.....	53,216	45.3	24,091	919,630	50.3	462,314	69,836	3.19	2,227,690	2,614	13.4	349,285
1946.....	54,496	58.3	31,752	806,780	64.3	518,605	70,591	3.96	2,792,827	2,579	15.2	392,482
1947.....	48,518	63.3	30,727	790,510	71.8	567,622	71,127	4.26	3,027,005	2,408	17.5	421,001
1948 ^a	44,778	66.8	29,929	742,360	79.7	591,805	69,550	4.86	3,378,318	2,298	18.8	432,934

Year	Combined sales of milk, cream, and farm butter				Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products ⁴	Farm value of milk produced ⁵
	Milk utilized ¹	Average returns ²		Value of sales (receipts from farm marketings)	Milk utilized	Value ³		
		Per 100 pounds milk	Per pound butterfat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
1930.....	77,815	2.07	52.8	1,607,441	19,357	435,403	2,042,844	2,104,126
1931.....	79,565	1.60	40.7	1,276,735	20,467	366,216	1,642,951	1,690,064
1932.....	79,264	1.24	31.6	986,370	21,687	300,060	1,286,430	1,320,559
1933.....	79,807	1.26	32.1	1,004,206	22,077	305,292	1,209,498	1,344,985
1934.....	77,040	1.49	37.8	1,145,517	21,893	352,924	1,498,441	1,537,645
1935.....	77,312	1.69	42.8	1,310,204	21,217	386,026	1,696,230	1,739,560
1936.....	79,322	1.86	47.1	1,477,882	20,333	400,097	1,877,979	1,927,227
1937.....	79,434	1.92	48.6	1,524,771	19,750	406,214	1,930,985	1,982,911
1938.....	83,513	1.66	42.0	1,387,926	19,444	353,452	1,741,378	1,786,961
1939.....	84,556	1.59	40.3	1,345,522	19,269	341,302	1,686,824	1,732,211
1940.....	87,757	1.73	43.6	1,520,346	18,751	358,548	1,878,894	1,929,690
1941.....	93,537	2.03	51.1	1,898,590	18,607	404,095	2,302,685	2,364,187
1942.....	97,607	2.39	60.2	2,336,034	17,983	460,007	2,796,041	2,872,965
1943.....	97,124	2.89	72.6	2,806,863	17,385	538,512	3,345,375	3,437,847
1944.....	97,466	3.01	75.6	2,937,834	17,256	556,274	3,494,108	3,590,751
1945.....	100,818	3.04	76.4	3,063,380	17,351	563,566	3,626,946	3,726,320
1946.....	98,600	3.79	95.2	3,735,666	17,858	713,900	4,449,566	4,569,667
1947.....	98,240	4.12	103.5	4,046,355	17,597	787,281	4,833,636	4,993,610
1948 ^a	95,072	4.66	117.1	4,432,986	17,342	860,627	5,293,613	5,433,920

¹ Milk sold at wholesale and retail, plus milk skimmed for sale as cream and milk equivalent of farm butter sold.

² Computed from the value of milk, cream, and farm butter sold, divided by the quantity of milk or butterfat used in the preparation of these products for market.

³ Milk utilized for household consumption valued in each State at average returns per 100 pounds for milk utilized in dairy products sold.

⁴ Value of milk, cream and farm butter sold, plus the value of these products consumed in the household on farms where produced.

⁵ Milk produced on farms valued in each State at average returns per 100 pounds for milk utilized in dairy products sold. In addition to gross income, it includes the value of whole milk fed to calves.

^a Preliminary.

Bureau of Agricultural Economics. Data for 1924-29 in Agricultural Statistics, 1942, table 597.

TABLE 529.—*Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, by States, 1947*

State and division	Farm butter			Deliveries to plants, dealers, etc., at wholesale						Milk and cream retailed by farmers		
	Quantity sold	Price per lb.	Value of sales	Cream sold as butterfat			Whole milk			Quantity sold, milk equivalent	Price per quart	Value of sales
				Quantity butter-fat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 lbs.	Value of sales			
	1,000 lb.	Ct.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. lb.	Dol.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Maine.....	2,400	70	1,680	890	74	659	360	4.67	16,812	40	18.1	7,240
New Hampshire.....	300	74	222	200	77	154	247	5.26	12,992	20	19.3	3,860
Vermont.....	430	72	310	350	75	262	1,346	4.87	65,550	19	18.7	3,553
Massachusetts.....	180	73	131	160	76	122	570	5.45	31,065	60	19.6	11,760
Rhode Island.....	8	73	6				102	5.69	5,804	9	19.6	1,764
Connecticut.....	70	73	51	40	76	30	518	5.71	29,578	51	19.7	10,047
New York.....	2,500	71	1,775	2,720	71	1,931	7,060	4.54	320,524	176	17.8	31,328
New Jersey.....	90	73	66				910	5.37	48,867	50	19.4	9,700
Pennsylvania.....	3,300	72	2,376	3,820	73	2,789	4,300	4.81	205,830	214	19.0	40,660
North Atlantic.....	9,278	71.3	6,617	8,180	72.7	5,947	15,413	4.79	738,022	639	18.8	119,912
Ohio.....	1,100	72	792	19,660	70	13,762	3,960	4.36	172,650	88	17.7	15,576
Indiana.....	500	71	355	18,810	70	13,167	2,638	4.25	112,115	38	16.8	6,384
Illinois.....	650	72	468	28,420	68	19,326	3,695	3.88	143,366	93	15.4	14,322
Michigan.....	1,100	74	814	32,880	76	24,989	9,320	4.27	167,384	56	16.5	9,240
Wisconsin.....	180	75	135	10,120	78	7,894	13,940	3.52	49,688	51	16.0	8,160
E. North Central.....	3,530	72.6	2,564	109,890	72.0	79,138	28,153	3.86	1,086,209	326	16.5	53,682
Minnesota.....	100	74	74	119,790	77	92,238	4,150	3.42	141,930	49	15.1	7,399
Iowa.....	240	74	178	161,850	77	124,624	1,170	3.97	46,449	47	15.4	7,238
Missouri.....	750	67	502	33,040	66	21,806	2,340	4.08	95,472	65	15.1	9,815
North Dakota.....	200	72	144	53,760	71	38,170	78	3.79	2,956	16	15.1	2,416
South Dakota.....	100	72	72	38,880	70	27,216	100	3.97	3,970	19	15.5	2,945
Nebraska.....	200	72	144	53,250	68	36,210	370	3.92	14,504	42	15.7	6,694
Kansas.....	350	71	248	47,580	66	31,403	930	3.82	35,826	56	16.0	8,960
W. North Central.....	1,940	70.2	1,362	508,150	73.1	371,667	9,138	3.73	340,807	294	15.4	45,367
Delaware.....	60	68	41				144	4.83	6,955	7	18.6	1,302
Maryland.....	400	66	264	490	68	333	940	5.28	49,623	45	18.8	8,460
Virginia.....	2,900	58	1,682	8,480	63	5,342	835	5.06	42,251	53	17.0	9,010
West Virginia.....	1,300	63	819	4,390	72	3,161	230	4.77	10,971	44	17.3	7,612
North Carolina.....	4,000	56	2,240	1,000	58	580	413	5.14	21,228	53	18.6	9,858
South Carolina.....	1,600	60	960	420	59	248	120	5.46	6,552	31	18.7	5,797
Georgia.....	4,300	56	2,408	1,250	58	725	315	5.61	17,672	44	18.7	8,228
Florida.....	270	67	181	40	62	25	326	6.63	21,614	36	21.0	7,560
South Atlantic.....	14,830	58.0	8,595	16,070	64.8	10,414	3,323	5.37	176,875	313	18.5	57,827
Kentucky.....	1,100	62	682	15,850	66	10,461	850	4.12	35,020	67	16.5	11,055
Tennessee.....	3,000	53	1,590	5,850	66	3,861	1,100	4.65	51,150	39	15.8	6,162
Alabama.....	3,800	52	1,976	840	62	521	290	5.47	15,863	33	17.7	5,841
Mississippi.....	900	61	549	2,110	67	1,414	505	4.60	23,230	28	17.7	4,956
Arkansas.....	1,200	63	756	8,610	64	5,510	275	4.87	13,392	37	15.9	5,883
Louisiana.....	450	64	288	340	62	211	267	5.71	15,246	30	17.8	5,340
Oklahoma.....	700	69	483	32,630	64	20,883	685	4.16	28,496	67	16.7	11,189
Texas.....	6,300	66	4,158	19,340	64	12,978	1,430	5.50	78,650	135	18.3	24,705
South Central.....	17,450	60.1	10,482	85,570	64.6	55,239	5,402	4.83	261,047	436	17.2	75,131
Montana.....	220	73	161	11,490	71	8,158	135	3.83	5,170	27	16.4	4,428
Idaho.....	90	75	68	6,280	71	4,459	900	3.58	32,220	21	15.8	3,318
Wyoming.....	60	74	44	4,090	71	2,904	103	4.05	4,172	11	16.2	1,782
Colorado.....	190	72	137	12,560	70	8,792	389	4.45	17,310	30	16.4	4,920
New Mexico.....	80	71	57	2,420	67	1,621	75	5.67	4,252	16	18.9	3,024
Arizona.....	60	72	43	380	72	274	177	4.94	8,744	17	18.1	3,077
Utah.....	80	77	62	2,610	72	1,879	438	3.78	16,556	18	15.4	2,772
Nevada.....	30	78	23	920	78	718	44	4.22	1,857	7	15.8	1,106
Washington.....	300	75	225	10,320	74	7,637	1,376	4.44	61,094	63	17.7	11,151
Oregon.....	130	76	99	8,960	76	6,810	848	4.86	41,213	32	17.8	5,696
California.....	250	75	188	2,620	75	1,965	5,213	4.44	231,457	158	17.6	27,808
Western.....	1,490	74.3	1,107	62,650	72.2	45,217	9,698	4.37	424,045	400	17.3	69,082
United States.....	48,618	63.3	30,727	790,610	71.8	567,622	71,127	4.26	3,027,005	2,408	17.5	421,001

TABLE 529.—Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, by States, 1947—Continued

State and division	Combined sales of milk, cream, and farm butter			Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products ⁴	Farm value of milk produced ⁵	
	Milk utilized ¹	Average returns ²		Value of sales (receipts from farm marketings)	Milk utilized			Value ³
		Per 100 pounds milk	Per pound butter-fat					
	Million pounds	Dollars	Cents	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	
Maine.....	515	5.12	122	26,391	112	5,734	32,125	
New Hampshire.....	302	5.70	146	17,228	33	1,881	19,109	
Vermont.....	1,402	4.97	121	69,675	69	3,429	73,104	
Massachusetts.....	708	6.08	152	43,078	54	3,283	46,361	
Rhode Island.....	121	6.26	161	7,574	7	438	8,012	
Connecticut.....	631	6.29	166	39,706	44	2,768	42,474	
New York.....	7,566	4.70	125	355,558	418	19,646	375,204	
New Jersey.....	1,019	5.75	147	58,633	44	2,530	61,163	
Pennsylvania.....	4,931	5.12	131	252,655	427	21,862	274,517	
North Atlantic.....	17,195	5.06	131.1	870,498	1,208	61,571	932,069	
Ohio.....	4,655	4.36	106	202,786	521	22,716	225,502	
Indiana.....	3,179	4.15	98	132,021	378	15,687	147,708	
Illinois.....	4,659	3.81	99	177,482	576	21,946	199,428	
Michigan.....	4,918	4.12	104	202,427	473	19,488	221,915	
Wisconsin.....	14,329	3.54	96	506,877	485	17,109	524,046	
E. North Central.....	31,740	3.85	99.2	1,221,593	2,433	97,006	1,318,599	
Minnesota.....	7,660	3.15	88	241,641	519	16,348	257,989	
Iowa.....	5,697	3.13	82	178,489	621	19,437	197,926	
Missouri.....	3,295	3.87	90	127,595	705	27,284	154,879	
North Dakota.....	1,590	2.75	73	43,686	298	8,195	51,881	
South Dakota.....	1,210	2.83	74	34,203	222	6,283	40,486	
Nebraska.....	1,924	2.99	79	57,452	389	11,631	69,083	
Kansas.....	2,310	3.30	82	76,137	423	13,959	90,096	
W. North Central.....	23,686	3.21	83.8	759,203	3,177	103,137	862,340	
Delaware.....	160	5.19	130	8,298	15	778	9,076	
Maryland.....	1,058	5.55	139	58,669	92	5,106	63,795	
Virginia.....	1,220	4.78	112	58,285	624	29,827	88,112	
West Virginia.....	457	4.94	115	22,563	363	17,932	40,495	
North Carolina.....	628	5.40	120	33,906	873	47,142	81,048	
South Carolina.....	227	5.97	133	13,557	357	21,313	34,870	
Georgia.....	521	5.57	124	29,033	664	36,985	66,018	
Florida.....	410	7.17	169	29,380	83	5,951	35,331	
South Atlantic.....	4,681	5.42	125.5	253,711	3,071	165,034	418,745	
Kentucky.....	1,394	4.10	93	57,218	808	33,128	90,346	
Tennessee.....	1,381	4.54	102	62,763	845	38,363	101,126	
Alabama.....	452	5.35	119	24,201	872	46,652	70,853	
Mississippi.....	631	4.78	106	30,149	717	34,273	64,422	
Arkansas.....	588	4.34	99	25,541	700	30,380	55,921	
Louisiana.....	349	6.04	134	21,085	308	18,603	39,688	
Oklahoma.....	1,634	3.74	87	61,051	653	24,422	85,473	
Texas.....	2,309	5.19	118	119,891	1,582	82,106	201,997	
South Central.....	8,738	4.60	104.3	401,899	6,485	307,927	709,826	
Montana.....	499	3.59	92	17,917	111	3,985	21,902	
Idaho.....	1,110	3.61	93	40,065	118	4,260	44,325	
Wyoming.....	238	3.74	100	8,902	49	1,833	10,735	
Colorado.....	803	3.88	102	31,159	158	6,130	37,289	
New Mexico.....	172	5.21	124	8,954	61	3,178	12,132	
Arizona.....	224	5.42	143	12,138	29	1,572	13,710	
Utah.....	549	3.87	103	21,269	88	3,406	24,675	
Nevada.....	86	4.31	116	3,704	10	431	4,135	
Washington.....	1,767	4.63	108	80,107	217	9,830	89,937	
Oregon.....	1,126	4.78	106	53,818	168	8,030	61,848	
California.....	5,626	4.65	119	261,418	214	9,951	271,369	
Western.....	12,200	4.42	110.8	539,451	1,223	52,606	592,057	
United States.....	98,240	4.12	103.5	4,046,355	17,597	787,281	4,833,636	

Footnotes 1, 2, 3, 4, and 5 same as those for table 528, page 423.

TABLE 530.—Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, by States, 1948 (preliminary)

State and division	Farm butter			Deliveries to plants, dealers, etc., at wholesale						Milk and cream retailed by farmers		
	Quantity sold	Price per lb.	Value of sales	Cream sold as butterfat			Whole milk			Quantity sold, milk equivalent	Price per quart	Value of sales
				Quantity butter-fat sold	Price per pound butterfat	Value of sales	Quantity sold	Price per 100 lbs.	Value of sales			
	1,000 lb.	Ct.	1,000 dol.	1,000 lb.	Ct.	1,000 dol.	Mil. lb.	Dol.	1,000 dol.	Mil. qt.	Ct.	1,000 dol.
Maine.....	2,300	79	1,817	630	83	523	342	5.99	19,118	38	19.9	7,562
New Hampshire.....	300	80	240	160	85	136	238	5.99	14,256	20	21.4	4,280
Vermont.....	400	80	320	260	86	224	1,305	5.69	74,254	18	20.3	3,654
Massachusetts.....	150	82	123	120	88	106	550	6.17	33,935	60	21.5	12,900
Rhode Island.....	8	83	7				104	6.47	6,729	9	21.5	1,935
Connecticut.....	70	84	59	40	89	36	500	6.37	31,850	47	21.2	9,964
New York.....	2,300	78	1,794	2,420	77	1,863	6,920	5.29	366,068	167	18.4	30,728
New Jersey.....	90	76	68				914	5.98	54,657	46	21.0	9,660
Pennsylvania.....	2,900	78	2,262	3,510	80	2,808	4,350	5.33	231,855	199	20.3	40,397
North Atlantic.....	8,518	78.5	6,690	7,140	79.8	5,696	15,223	5.47	832,722	604	20.0	121,080
Ohio.....	1,100	77	847	18,030	75	13,622	4,000	5.06	202,400	85	19.5	16,575
Indiana.....	430	77	331	16,890	75	12,668	2,590	4.85	125,615	35	18.4	6,440
Illinois.....	600	77	462	26,230	74	19,410	3,571	4.44	158,552	88	17.0	14,960
Michigan.....	1,000	79	790	28,680	83	23,804	3,880	4.79	185,852	47	17.8	8,366
Wisconsin.....	160	80	128	11,780	86	10,131	13,510	4.15	560,665	47	16.8	7,896
E. North Central.....	3,290	77.8	2,558	101,610	78.3	79,535	27,551	4.48	1,233,084	302	18.0	54,237
Minnesota.....	100	82	82	118,760	87	103,321	3,775	3.98	150,245	42	16.5	6,930
Iowa.....	230	81	186	145,520	86	125,147	1,110	4.49	49,839	45	17.0	7,650
Missouri.....	720	71	511	33,700	72	24,264	2,350	4.71	110,685	63	16.4	10,332
North Dakota.....	170	80	136	48,690	80	38,952	70	4.37	3,059	14	16.6	2,324
South Dakota.....	110	81	89	36,580	79	28,898	95	4.48	4,256	18	17.1	3,078
Nebraska.....	220	79	174	48,510	75	36,382	360	4.49	16,164	14	17.0	6,800
Kansas.....	370	77	285	45,790	75	34,342	849	4.47	37,950	51	17.8	9,078
W. North Central.....	1,920	76.2	1,463	477,550	81.9	391,306	8,609	4.32	372,198	273	16.9	46,192
Delaware.....	50	69	34				142	5.39	7,654	7	19.8	1,386
Maryland.....	350	68	238	490	72	353	937	5.79	54,252	46	19.3	8,878
Virginia.....	2,800	57	1,596	8,600	66	5,676	930	5.54	51,422	51	18.4	9,384
West Virginia.....	1,200	62	744	4,180	74	3,093	236	5.28	12,561	44	18.6	8,184
North Carolina.....	3,700	59	2,183	910	62	564	464	5.53	25,659	47	20.2	9,494
South Carolina.....	1,500	62	930	420	61	256	120	5.91	7,092	31	19.9	6,169
Georgia.....	4,000	57	2,280	1,210	60	726	325	5.99	19,468	44	20.4	8,976
Florida.....	240	71	170	40	69	28	341	7.15	24,382	36	22.2	7,992
South Atlantic.....	13,840	59.1	8,175	15,850	67.5	10,696	3,495	5.79	202,490	306	19.8	60,463
Kentucky.....	940	64	602	15,470	71	10,984	840	4.72	39,648	64	17.5	11,200
Tennessee.....	2,600	55	1,430	5,850	71	4,154	1,090	5.16	56,244	38	16.9	6,422
Alabama.....	3,700	54	1,998	710	68	483	280	6.02	16,856	33	18.3	6,039
Mississippi.....	800	62	496	2,070	71	1,470	520	5.07	26,364	29	18.7	5,423
Arkansas.....	1,200	66	792	8,650	71	6,142	300	5.46	16,380	38	17.5	6,650
Louisiana.....	400	66	264	300	66	198	252	6.26	15,775	29	19.7	5,713
Oklahoma.....	550	75	412	29,320	71	20,817	630	4.71	29,673	63	17.8	11,214
Texas.....	5,600	70	3,920	16,930	70	11,851	1,370	6.08	83,296	133	19.9	26,467
South Central.....	15,790	62.8	9,914	79,300	70.7	56,099	5,282	5.38	284,236	427	18.5	79,128
Montana.....	240	78	187	10,990	78	8,572	125	4.25	5,312	27	17.7	4,779
Idaho.....	90	81	73	5,660	77	4,858	889	4.15	36,894	20	16.9	3,380
Wyoming.....	60	83	50	3,720	80	2,976	100	4.50	4,500	11	18.8	2,068
Colorado.....	170	80	136	12,080	77	9,302	374	4.80	17,952	29	17.3	5,017
New Mexico.....	70	75	52	2,420	77	1,863	79	6.25	4,938	16	20.5	3,280
Arizona.....	50	78	39	380	76	289	171	5.05	8,636	16	19.7	3,152
Utah.....	70	81	57	2,650	79	2,094	447	4.38	19,579	16	16.0	2,560
Nevada.....	30	81	24	920	82	754	46	4.43	2,038	7	16.8	1,176
Washington.....	300	78	234	9,830	82	8,061	1,360	4.94	67,184	60	19.1	11,460
Oregon.....	130	82	107	9,440	83	7,835	785	5.27	41,370	31	19.5	6,045
California.....	210	81	170	2,820	84	2,360	5,014	4.89	245,185	153	18.9	28,917
Western.....	1,420	79.5	1,129	60,910	79.6	48,473	9,390	4.83	453,588	386	18.6	71,834
United States.....	44,778	66.8	29,929	742,360	79.7	691,805	69,550	4.86	3,378,318	2,298	18.8	432,934

TABLE 530.—*Farm dairy products: Quantity sold, price, value of sales and farm household consumption, gross income, and farm value, by States, 1948 (preliminary)*—Continued

State and division	Combined sales of milk, cream, and farm butter			Household consumption of milk, cream, and farm butter on farms where produced		Gross farm income from dairy products ⁴	Farm value of milk produced ⁵	
	Milk utilized ¹	Average returns ²		Value of sales (receipts from farm marketings)	Milk utilized			Value ³
		Per 100 pounds milk	Per pound butter-fat			1,000 dollars	Million pounds		1,000 dollars	1,000 dollars
Maine.....	485	5.98	142	29,020	112	6,698	35,718	36,299
New Hampshire.....	291	6.50	167	18,912	33	2,145	21,057	21,460
Vermont.....	1,358	5.78	141	78,452	67	3,873	82,325	83,983
Massachusetts.....	684	6.88	172	47,064	54	3,715	50,779	51,669
Rhode Island.....	123	7.05	181	8,671	7	494	9,165	9,306
Connecticut.....	604	6.94	183	41,909	45	3,123	45,032	46,082
New York.....	7,395	5.42	145	400,453	423	22,927	423,380	436,418
New Jersey.....	1,015	6.34	163	64,385	44	2,790	67,175	68,155
Pennsylvania.....	4,931	5.62	144	277,322	425	23,885	301,207	307,751
North Atlantic.....	16,886	5.72	148.2	966,188	1,210	69,650	1,035,838	1,061,113
Ohio.....	4,647	5.02	122	233,344	519	26,054	259,398	266,512
Indiana.....	3,077	4.71	111	145,054	389	18,322	163,376	167,111
Illinois.....	4,466	4.33	112	193,384	588	25,460	218,844	223,774
Michigan.....	4,747	4.61	117	218,812	467	21,529	240,341	248,848
Wisconsin.....	13,934	4.15	112	578,820	488	20,252	599,072	618,931
E. North Central.....	30,871	4.44	114.4	1,369,414	2,451	111,617	1,481,031	1,525,176
Minnesota.....	7,241	3.60	100	260,578	522	18,792	279,370	287,532
Iowa.....	5,188	3.52	93	182,822	619	21,789	204,611	210,742
Missouri.....	3,316	4.40	102	145,792	703	30,932	176,724	181,368
North Dakota.....	1,439	3.09	82	44,471	277	8,559	53,030	55,126
South Dakota.....	1,140	3.19	84	36,321	225	7,178	43,499	45,202
Nebraska.....	1,779	3.35	88	59,520	394	13,199	72,719	75,576
Kansas.....	2,172	3.76	94	81,655	419	15,754	97,409	101,370
W. North Central.....	22,275	3.64	94.8	811,159	3,159	116,203	927,362	956,916
Delaware.....	158	5.74	144	9,074	15	861	9,935	10,102
Maryland.....	1,056	6.03	151	63,721	88	5,306	69,027	70,310
Virginia.....	1,311	5.20	122	68,178	623	32,396	100,574	103,688
West Virginia.....	456	5.37	125	24,482	362	19,439	43,921	45,430
North Carolina.....	657	5.77	128	37,900	853	49,218	87,118	88,916
South Carolina.....	225	6.42	143	14,447	356	22,855	37,302	37,878
Georgia.....	525	5.99	133	31,450	658	39,414	70,864	71,880
Florida.....	425	7.66	180	32,572	82	6,281	38,853	39,219
South Atlantic.....	4,813	5.86	135.6	281,824	3,037	175,770	457,594	467,423
Kentucky.....	1,366	4.57	104	62,434	776	35,463	97,897	99,672
Tennessee.....	1,362	5.01	113	68,250	813	40,731	108,981	110,721
Alabama.....	436	5.82	129	25,376	857	49,877	75,253	76,184
Mississippi.....	646	5.22	116	33,753	694	36,227	69,980	70,783
Arkansas.....	616	4.86	110	29,964	674	32,756	62,720	63,666
Louisiana.....	330	6.65	148	21,950	313	20,814	42,764	43,225
Oklahoma.....	1,486	4.18	97	62,116	622	26,000	88,116	90,372
Texas.....	2,172	6.78	131	125,534	1,526	88,203	213,737	216,750
South Central.....	8,414	5.10	115.6	429,377	6,275	330,071	759,448	771,373
Montana.....	475	3.97	102	18,850	111	4,407	23,257	24,177
Idaho.....	1,080	4.14	106	44,705	119	4,927	49,632	51,419
Wyoming.....	224	4.28	114	9,594	49	2,097	11,691	12,112
Colorado.....	773	4.19	110	32,407	154	6,453	38,860	40,475
New Mexico.....	175	5.79	138	10,133	58	3,358	13,491	13,780
Arizona.....	217	5.58	147	12,116	28	1,562	13,678	14,062
Utah.....	555	4.38	117	24,290	86	3,767	28,057	28,952
Nevada.....	88	4.54	123	3,992	10	454	4,446	4,631
Washington.....	1,733	5.02	120	88,939	215	10,793	97,732	101,454
Oregon.....	1,071	6.17	115	55,357	168	8,686	64,043	66,434
California.....	5,422	5.10	131	276,641	212	10,812	287,453	294,423
Western.....	11,813	4.87	121.8	575,024	1,210	57,316	632,340	651,919
United States.....	95,072	4.66	117.1	4,432,986	17,342	860,627	5,293,613	5,433,920

Footnotes 1, 2, 3, 4, and 5 same as those for table 528, page 423.

TABLE 531.—*Milk: Production and utilization, United States, 1942-48*

Item	1942	1943	1944	1945	1946	1947	1948 ¹
Milk production:							
By cows on farms.....	118,884	117,785	117,992	121,504	119,713	119,065	115,511
Total ²	121,710	120,611	120,818	124,330	122,539	121,891	118,337
Utilization (milk equivalent):							
Manufacturing:							
Farm butter.....	7,365	6,851	6,608	6,755	6,630	6,268	5,928
Creamery butter (total).....	35,938	34,460	30,620	28,065	24,145	27,440	25,050
Butter from whey cream.....	775	698	713	780	772	826	770
Creamery butter, net.....	35,163	33,762	29,907	27,285	23,373	26,614	24,280
Cheese, total:.....	11,121	9,922	10,135	11,123	10,952	11,727	10,920
American.....	9,247	7,743	8,090	8,777	8,058	9,386	8,590
Other than American.....	1,874	2,179	2,045	2,346	2,894	2,341	2,330
Evaporated milk (case).....	7,592	6,594	7,384	8,147	6,567	6,899	7,390
Unsweetened condensed (bulk).....	307	249	289	310	237	424	510
Sweetened condensed (case).....	147	278	330	339	269	389	310
Sweetened condensed (bulk).....	163	145	138	167	151	179	110
Frozen dairy products:							
Ice cream, total.....	6,795	5,177	5,354	5,788	9,595	8,735	7,900
Other, ³ total.....		199	202	268	108	105	110
Fat from butter and concentrated milk.....	1,457	826	859	926	1,507	1,346	1,220
Net from milk and cream.....	5,338	4,550	4,697	5,130	8,196	7,494	6,790
Dry whole milk.....	474	1,052	1,355	1,650	1,421	1,250	1,310
Malted milk.....	93	132	108	112	117	97	520
Miscellaneous products ⁴	1	64	406	608	435	421	
Total for manufacture, excluding farm butter.....	60,399	56,748	54,749	54,871	51,718	55,494	52,140
Total for manufacture, including farm butter.....	67,764	63,599	61,357	61,626	58,348	61,762	58,068
Consumed as fluid milk or cream:							
In cities and villages.....	37,650	41,000	43,000	46,000	47,000	45,000	44,500
On farms where produced.....	11,856	11,615	11,685	11,671	12,318	12,295	12,306
Fed to calves.....	3,294	3,276	3,270	3,335	3,255	3,228	3,097
All other uses and to balance.....	1,146	1,121	1,506	1,698	1,618	-394	366

¹ Preliminary.² Includes an allowance of 2,826 million pounds of milk, produced by cows not on farms, the same as in 1930 when information on this item was last obtained.³ Milk sherbet and ice milk. Not available prior to 1943.⁴ Includes dry cream, dry part skim milk, and dry ice cream mix in all years and whole milk equivalent of the fat in cottage cheese in 1946, 1947, and 1948.

Bureau of Agricultural Economics. Data for 1926-39 in Agricultural Statistics, 1941, table 578, and for 1940 and 1941 in the 1947 edition, table 504.

TABLE 532.—*Milk: Average price per 100 pounds paid producers by condenseries for milk of 3.5 percent butterfat, by geographic divisions, 1939-48¹*

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western ²	South-western ³	United States
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1939.....	1.41	1.33	1.24	1.19	1.14	1.20	1.28	1.24
1940.....	1.49	1.49	1.37	1.34	1.30	1.39	1.48	1.38
1941.....	1.94	1.82	1.84	1.70	1.62	1.78	1.82	1.81
1942.....	2.16	2.07	2.06	1.97	1.85	2.15	2.28	2.08
1943.....	2.73	2.60	2.61	2.50	2.43	2.55	2.78	2.61
1944.....	2.77	2.61	2.64	2.55	2.48	2.63	2.92	2.66
1945.....	2.75	2.53	2.59	2.53	2.43	2.68	2.92	2.63
1946.....	3.69	3.21	3.42	3.25	3.08	3.20	3.43	3.36
1947.....	4.11	3.39	3.49	3.34	3.19	3.24	3.50	3.46
1948.....	4.53	3.72	3.97	3.72	3.54	3.63	3.91	3.90

¹ All prices f.o.b. factory.² Includes Montana, Wyoming, Idaho, Washington, and Oregon.³ Includes Colorado, New Mexico, Arizona, Nevada, Utah, and California.

Bureau of Agricultural Economics.

TABLE 533.—*Fluid milk: Dealers' average buying price per 100 pounds for standard grade milk (3.5 percent butterfat basis) used for city distribution as milk and cream, by geographic divisions, 1939-48*¹

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1939	2.80	2.40	1.91	1.84	2.73	2.03	1.97	1.85	1.91	2.17
1940	2.82	2.56	1.96	1.87	2.74	2.13	1.92	1.82	1.93	2.21
1941	3.00	2.72	2.21	2.01	2.90	2.34	2.09	1.96	2.20	2.40
1942	3.42	3.13	2.54	2.33	3.23	2.87	2.66	2.25	2.70	2.79
1943	3.68	3.37	2.93	2.73	3.58	3.29	3.22	2.66	3.10	3.16
1944	3.74	3.42	3.02	2.80	3.73	3.40	3.31	2.87	3.13	3.24
1945	3.75	3.43	3.04	2.81	3.77	3.44	3.32	2.89	3.14	3.26
1946	4.56	4.14	3.63	3.48	4.45	4.03	3.90	3.51	3.78	3.92
1947	5.32	4.95	4.19	4.08	5.37	4.80	4.81	4.37	4.66	4.71
1948	5.96	5.42	4.72	4.58	5.71	5.23	5.32	4.69	4.91	5.17

¹ All prices f.o.b. local shipping point or country plant. Compiled from reports of the Bureau secured through the cooperation of milk distributors, producers' associations, and municipal officers. Bureau of Agricultural Economics.

TABLE 534.—*Milk, standard: Dealers' retail price per quart, delivered to homes in cities, 1939-48*¹

City	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Boston	13.3	13.2	13.7	15.0	15.7	16.0	16.0	18.2	20.2	22.6
New Haven	14.0	14.0	14.8	16.0	16.0	16.0	16.0	18.1	20.2	22.1
New York	13.4	14.8	15.7	16.9	17.1	17.0	17.0	19.5	21.1	24.0
Philadelphia	12.0	12.0	12.4	14.0	14.0	14.0	14.0	16.7	19.1	20.8
Pittsburgh	11.7	12.5	13.4	14.0	15.5	15.5	15.5	17.6	19.7	20.8
Cleveland	10.5	11.1	12.6	14.0	14.9	15.0	15.0	17.1	17.7	20.2
Indianapolis	11.5	11.4	12.6	14.0	14.0	14.0	14.0	15.8	17.9	20.0
Chicago	11.8	13.0	14.0	15.4	16.5	16.5	16.5	18.9	21.0	22.5
Detroit	10.1	11.0	11.9	14.0	14.9	15.0	15.0	16.5	18.3	20.0
Milwaukee	10.9	11.0	12.0	11.8	12.8	13.0	13.0	15.1	16.8	19.4
Minneapolis	11.1	10.5	12.1	12.2	13.0	13.0	13.0	15.1	18.2	19.9
Kansas City, Mo.	13.0	11.7	12.2	13.0	14.7	15.0	15.0	16.8	18.0	20.1
Omaha	10.3	11.0	11.3	12.9	13.0	13.0	13.0	15.5	17.5	19.3
Baltimore	12.8	11.8	13.2	14.0	14.0	14.0	14.0	16.5	19.0	20.7
Washington, D. C.	14.0	14.0	14.3	15.0	15.0	15.0	15.0	17.2	19.8	20.8
Jacksonville	16.0	16.0	16.3	18.0	18.4	19.0	19.0	20.6	22.3	25.8
Louisville	12.7	12.8	14.1	15.0	15.8	16.0	16.0	18.0	19.8	21.7
New Orleans	12.2	13.0	14.2	15.5	15.4	15.5	15.5	17.7	20.6	22.4
Dallas	10.8	11.0	11.8	14.0	14.8	15.0	15.0	16.8	19.2	21.5
Denver	11.8	12.0	12.2	13.0	13.0	13.5	13.5	15.5	18.2	19.5
Salt Lake City	10.7	10.0	10.4	12.2	13.0	13.0	13.0	14.8	17.1	18.5
Seattle	10.3	11.0	11.9	14.0	14.0	14.0	14.0	16.1	19.3	20.0
Portland, Oreg.	11.0	11.0	12.2	14.0	14.0	14.0	14.0	15.7	17.8	19.6
San Francisco	12.3	12.2	13.6	14.8	15.5	15.5	15.5	17.1	18.7	20.2
Los Angeles	11.5	11.6	12.3	13.5	14.5	14.5	14.5	16.2	18.3	19.9
Average, 25 cities	12.0	12.1	13.0	14.2	14.8	14.9	14.9	16.9	19.0	20.9
Fall River, Mass.	14.0	14.0	14.4	15.0	15.8	16.0	16.0	18.4	20.6	22.3
Lowell-Lawrence, Mass.	13.2	13.2	13.6	15.0	16.1	16.5	16.0	18.2	20.3	22.6
Cincinnati, Ohio	11.2	10.8	12.6	14.9	15.0	15.0	15.0	16.7	19.0	21.5
Columbus, Ohio	10.0	10.4	11.8	13.0	14.0	14.0	14.0	15.9	17.2	19.6
Dayton-Springfield, Ohio	10.7	11.0	12.3	14.0	14.9	15.0	15.0	16.8	18.8	20.9
Toledo, Ohio	12.0	12.0	12.5	14.0	14.9	15.0	15.0	16.7	18.7	20.8
Fort Wayne, Ind.	11.0	11.0	11.9	13.2	13.9	14.0	14.0	15.9	17.7	19.8
Duluth, Minn.	10.0	9.6	11.2	11.9	13.4	13.5	13.5	15.0	16.7	19.3
Sioux City, Iowa	10.3	11.0	11.2	12.2	12.0	12.7	13.0	15.2	17.6	19.4
St. Louis, Mo.	11.6	12.4	13.8	14.5	15.2	15.5	15.5	17.5	19.9	21.3
Topeka, Kans.	10.2	10.1	10.9	12.0	14.2	14.5	14.5	16.7	18.6	20.4
Wichita, Kans.	10.7	12.0	12.2	13.8	14.7	15.0	15.0	16.6	17.2	20.2

¹ "Standard" refers to the grade of milk commonly sold in each market. Grades may vary from market to market because of variation of the factors which enter into grade determination.

Bureau of Agricultural Economics. Compiled from reports secured through the cooperation of milk distributors, producers' associations, and municipal officers.

TABLE 535.—Milk markets under Federal marketing programs: Blend and Class I prices, number of producers, receipts from producers, and milk and milk products utilized for fluid consumption, 1947 and 1948

Market	Basic butter-fat test	Average minimum prices payable to producers (per 100 lb., f.o.b. city plant) ^{1, 2}				Average number of producers ³		Total receipts from producers ³		Milk and milk products utilized for fluid consumption ⁴			
		Blend		Class I		1947	1948	1947	1948	Whole milk		Other fluid products ⁵	
		1947	1948	1947	1948					1947	1948	1947	1948
		Percent	Dollars	Dollars	Dollars	Dollars	Number	Number	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Boston, Mass., 201-210 mile zone	3.7	4.63	5.37	5.10	5.85	12,903	13,124	1,348,038	1,321,622	702,846	689,613	7,340	9,679
Chicago, Ill.	3.5	3.99	4.60	4.16	4.78	18,642	19,504	2,843,100	2,977,302	⁶ 1,358,621	⁶ 1,386,545	⁶ 73,506	⁶ 74,459
Chicago, suburban:						2,916	2,662	275,655	253,623	⁶ 217,074	⁶ 226,311	⁶ 10,361	⁶ 10,290
Grade A	3.5	4.12	4.77	4.16	4.78								
Grade B	3.5	3.97	4.50	4.06	4.68								
Cincinnati, Ohio	3.5	4.42	4.92	⁸ 5.10	⁸ 5.70	5,067	5,298	310,582	326,076	170,596	168,278	⁹ 17,935	⁹ 17,387
Cleveland, Ohio	3.5	4.36	4.93	4.50	5.18	7,191	8,675	563,279	611,938	409,378	410,324	27,978	27,377
Clinton, Iowa	3.5	4.11	4.69	4.12	4.67	142	141	13,432	13,276	11,804	12,611	456	385
Columbus, Ohio	3.5	4.21	4.90	4.26	4.99	2,278	2,384	179,582	188,235	124,826	130,032	10,370	10,412
Dayton-Springfield, Ohio	3.5	4.18	4.89	4.32	5.04	2,706	2,828	195,294	204,949	138,536	140,564	10,195	10,735
Dubuque, Iowa	3.5	3.88	4.34	4.23	4.67	318	291	27,107	26,137	14,210	15,110	566	792
Duluth-Superior, Minn.-Wis.	4.0	4.51	5.19	4.65	5.28	1,209	1,180	¹⁰ 84,017	¹⁰ 80,903	¹⁰ 54,548	¹⁰ 56,205	(¹⁰)	(¹⁰)
Fall River, Mass.	3.7	5.80	7.61	5.85	6.65	249	248	36,642	38,086	44,598	44,445	1,616	1,183
Fort Wayne, Ind.	4.0	4.52	5.02	4.66	5.20	856	932	60,715	66,337	40,013	41,456	2,823	2,543
Kansas City, Mo.-Kans.	3.8	4.51	5.11	4.73	5.23	2,333	2,264	238,216	226,110	173,610	181,473	15,269	17,342
Louisville, Ky.	3.8	4.58	5.16	4.64	5.39	1,728	1,778	194,881	200,571	138,752	144,714	12,808	13,352
Lowell-Lawrence, Mass.	3.7	¹³ 5.30	¹³ 6.15	5.55	6.36	1,018	964	97,993	92,008	80,472	79,609	9,200	1,165
Minneapolis-St. Paul, Minn.	3.5	3.94	4.43	4.16	4.60	5,653	5,641	594,683	577,107	341,632	340,235	15,638	17,075
Nashville, Tenn. ¹⁴	4.0		5.48		5.68		658		89,033		68,819		17,520
New Orleans, La., 61-70 mile zone	4.0	4.83	7.50	4.96	5.83	2,210	2,402	¹⁰ 165,706	¹⁰ 180,058	¹⁰ 147,299	¹⁰ 156,113	(¹⁰)	(¹⁰)
New York, N. Y., 201-210 mile zone	3.5	4.44	5.13	4.91	5.66	45,807	45,050	5,707,352	5,587,459	¹⁵ 3,119,186	¹⁵ 3,050,057	¹⁵ 14,305	¹⁵ 22,400
Omaha-Council Bluffs, Nebr.-Iowa	3.8	4.36	4.93	4.63	5.08	2,642	2,216	149,950	127,876	85,519	85,519	5,292	5,487
Paducah, Ky. ¹⁶	4.0		5.26		5.27		195		14,062		9,690		1,998
Philadelphia, Pa.	4.0	5.14	7.53	5.38	5.82	9,057	9,097	973,107	984,602	708,617	699,241	39,519	36,728
Quad Cities, Ill.-Iowa:						1,323	1,354	110,245	107,793	63,545	67,939	4,360	4,610
Grade A	3.5	4.18	4.94	4.43	5.02								
Non-grade A	3.5	3.95	3.97	4.23	4.72								
St. Louis, Mo.	3.5	4.47	7.50	4.56	5.19	3,323	3,296	350,987	345,778	304,169	294,853	¹⁷ 25,766	¹⁷ 25,660
Sioux City, Iowa	3.5	4.32	4.80	4.39	4.81	499	504	32,140	30,398	23,029	22,769	1,416	1,612
South Bend-La Porte, Ind.	3.5	¹⁸ 4.02	4.71	¹⁸ 4.13	4.75	823	758	82,382	73,771	59,308	61,149	4,250	4,855
Toledo, Ohio	3.5	4.32	4.90	4.45	5.03	2,030	2,106	142,897	147,195	113,528	118,243	9,461	9,738
Topeka, Kans.	3.8	4.53	4.87	4.82	4.98	(¹⁹)	332	(¹⁹) 30,856	(¹⁹) 30,856	(¹⁹) 23,319	(¹⁹) 23,319	(¹⁹) 1,063	(¹⁹) 1,063
Tri-State, Ky., Ohio, W. Va.:						1,320	1,438	103,001	112,067	86,464	91,496	8,672	9,642
Huntington district plants	3.5	4.57	5.18	4.68	5.33								
Other plants	3.5	4.39	5.00	4.48	5.13								
Wichita, Kans.	3.8	4.54	²⁰ 5.12	4.64	5.18	478	529	53,585	55,179	42,143	43,982	2,726	3,004

See footnotes on page 431.

TABLE 536.—Milk and cream: Receipts at New York, Philadelphia, and Boston, by rail and truck, 1939-48

Product and year	New York			Philadelphia			Boston		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 40-qt. unit equiv- alents</i>	<i>1,000 40-qt. unit equiv- alents</i>	<i>1,000 40-qt. unit equiv- alents</i>	<i>1,000 40-qt. unit equiv- alents</i>	<i>1,000 40-qt. unit equiv- alents</i>	<i>1,000 40-qt. unit equiv- alents</i>	<i>1,000 40-qt. unit equiv- alents</i>	<i>1,000 40-qt. unit equiv- alents</i>	<i>1,000 40-qt. unit equiv- alents</i>
Fluid milk:									
1939.....	14,857	22,755	37,612	1,423	6,627	8,050	3,800	2,049	5,849
1940.....	13,950	23,475	37,425	1,374	7,084	8,458	3,594	2,514	6,108
1941.....	13,868	24,942	38,810	1,270	7,631	8,901	3,827	2,603	6,430
1942.....	14,214	25,319	39,533	1,466	7,872	9,338	4,285	2,876	7,161
1943.....	16,509	25,622	42,131	1,217	8,113	9,330	5,116	2,730	7,846
1944.....	17,333	26,077	43,410	1,041	8,761	9,802	5,200	3,087	8,287
1945.....	18,237	26,175	44,412	873	9,566	10,439	5,499	3,482	8,981
1946.....	18,858	27,747	46,605	716	9,757	10,473	4,949	4,313	9,262
1947.....	16,649	29,845	46,494	706	9,856	10,562	5,046	3,864	8,910
1948.....	11,592	33,813	45,405	561	9,930	10,491	5,069	4,250	9,319
Fluid cream: ¹									
1939.....	1,065	518	1,583	115	137	252	477	78	555
1940.....	906	582	1,488	129	148	277	457	107	564
1941.....	887	565	1,452	144	162	306	506	99	605
1942.....	816	474	1,290	156	170	326	493	91	584
1943.....	578	172	750	154	114	268	405	83	488
1944.....	652	159	811	194	146	340	380	59	439
1945.....	784	187	971	206	151	357	488	44	532
1946.....	935	243	1,178	408	136	544	656	42	698
1947.....	854	302	1,156	282	130	412	438	70	508
1948.....	649	307	956	135	158	293	432	67	499

¹ 40-percent butterfat basis.

Production and Marketing Administration.

FOOTNOTES FOR TABLE 535:

¹ As specified in order.² Simple average of monthly data.³ Includes producer-handlers where they represent appreciable portion of market.⁴ Represents total volume distributed within the marketing area, except where milk sold on routes extending outside the area could not be segregated. Includes sales of milk received from sources other than producers.⁵ Includes skim milk, buttermilk, and flavored milk and milk drinks.⁶ Includes all items sold in the metropolitan area.⁷ Individual handler pools; weighted average of handlers' prices. (Fall River from August 1947; New Orleans from March 1948.)⁸ For 4.0% milk.⁹ Includes buttermilk sold outside of the marketing area.¹⁰ Receipts and utilization data based on pooled milk only. Separate data on skim milk items not available.¹¹ Includes fall production payments separately distributed.¹² January-September adjusted from 4.0% butterfat.¹³ Average price for all zones.¹⁴ Order effective Nov. 16, 1947; pricing provisions effective Dec. 1, 1947.¹⁵ Includes all whole milk and skim milk items shipped into the marketing area, and may include some milk drinks disposed of outside the marketing area.¹⁶ Order effective Jan. 1, 1948.¹⁷ Includes skim milk items shipped outside of the marketing area.¹⁸ St. Joseph County, Ind., and LaPorte County, Ind., markets combined Dec. 1, 1947. 1947 prices apply to both markets. LaPorte County had individual handler pools.¹⁹ Receipts and utilization data for 1947 under Agreement No. 68 not comparable with 1948 data.²⁰ Composite of base and excess milk prices.

Production and Marketing Administration.

TABLE 537.—*Milk and cream: Receipts at New York, Philadelphia, and Boston, by origin, 1947 and 1948*¹

Product and origin	New York		Philadelphia		Boston	
	1947	1948	1947	1948	1947	1948
Fluid milk:	<i>1,000 40-qt. unit equivalents</i>	<i>1,000 40-qt. unit equivalents</i>	<i>1,000 40-qt. unit equivalents</i>	<i>1,000 40-qt. unit equivalents</i>	<i>1,000 40-qt. unit equivalents</i>	<i>1,000 40-qt. unit equivalents</i>
Maine.....					1,014	1,129
New Hampshire.....					674	811
Vermont.....	1,873	1,737			5,698	6,041
Massachusetts.....					424	476
Connecticut.....	78	94				
New York.....	32,996	31,931	94	81	960	840
New Jersey.....	5,654	5,331	750	744		
Pennsylvania.....	5,729	6,126	7,864	7,890		
Ohio.....			16		128	22
Indiana.....			12		7	
Michigan.....					1	
Wisconsin.....	14	1	20	15	3	
Minnesota.....					1	
Delaware.....	15	24	564	571		
Maryland.....	135	161	1,242	1,190		
Total.....	46,494	45,405	10,562	10,491	8,910	9,319
Fluid cream:²						
Maine.....					18	11
New Hampshire.....					1	
Vermont.....	17	17			127	163
New York.....	972	818	9	2	30	21
New Jersey.....	15	21				
Pennsylvania.....	33	22	78	54		
Ohio.....	19	14		1	44	50
Indiana.....	1		67	68	75	60
Illinois.....						8
Michigan.....	63	31	2	4	53	39
Wisconsin.....	34	32	226	119	51	73
Minnesota.....	2		2	1	32	26
Missouri.....					59	33
Maryland.....		1	28	43		
Virginia.....					2	3
West Virginia.....				1		
North Carolina.....					11	1
Kentucky.....					3	2
Tennessee.....					1	6
Arkansas.....					1	3
Total.....	1,156	956	412	293	508	499

¹ Figures include both rail and truck receipts.² 40-percent butterfat basis.

Production and Marketing Administration.

TABLE 538.—*Cream (40-percent butterfat): Average wholesale price per 40-quart can, New York, Philadelphia, and Boston, 1939-48*

Year	New York	Philadel- phia	Boston	Year	New York	Philadel- phia	Boston
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1939.....	17.18	12.87	12.92	1944.....	28.66	24.27	23.63
1940.....	19.29	13.73	13.87	1945.....	28.78	24.89	24.75
1941.....	22.21	17.47	17.37	1946.....	37.22	32.41	32.26
1942.....	24.65	19.08	19.46	1947.....	38.50	32.87	32.28
1943.....	28.29	23.96	23.55	1948.....	42.53	35.76	36.00

Production and Marketing Administration.

TABLE 539.—Dairy products: Quantities manufactured, United States, 1940-47

Product	1940	1941	1942	1943	1944	1945	1946	1947 ¹
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Creamery butter.....	1,836,826	1,872,183	1,764,054	1,673,788	1,488,502	1,363,717	2,171,339	1,329,878
Renovated or process butter.....	2,672	3,195	3,768	2,940	6,406	2,845	1,441	1,219
American cheese:								
Whole milk.....	602,790	753,122	916,850	765,089	804,787	875,084	² 801,264	931,901
Part skim.....	3,890	4,139	3,759	4,670	2,248	1,098	2,696	4,906
Full skim.....	247	416	1,001	2,337	2,628	2,172	2,367	2,153
Swiss cheese (including block).....	48,659	55,962	52,561	45,626	45,571	50,065	² 55,695	71,612
Munster cheese.....	8,362	7,426	9,210	8,946	11,191	7,314	9,235	9,731
Brick cheese.....	25,965	24,640	19,588	19,032	16,244	7,442	8,443	16,802
Limburger cheese.....	8,198	8,088	8,441	6,653	7,510	8,777	9,548	7,753
Cream cheese.....	51,183	50,012	47,654	³ 70,451	³ 60,440	³ 60,912	³ 73,226	³ 62,043
Blue mold cheese.....				⁴ 8,036	⁴ 6,835	⁴ 9,828	⁴ 12,451	⁴ 10,580
All Italian varieties of cheese.....	25,002	34,363	34,916	43,003	41,762	64,628	75,388	38,100
All other varieties of cheese.....	11,440	18,409	19,435	21,788	20,659	25,624	52,824	24,241
Total of all cheese ⁵	785,490	956,161	1,112,314	993,294	1,017,247	1,116,772	2,100,770	1,177,669
Cottage cheese:								
Curd ⁶							251,699	219,767
Creamed ⁶							209,945	230,581
Total.....	174,257	187,595	196,799	213,910	224,374	284,774		
Condensed milk (sweetened):								
Case goods:								
Skimmed.....	1,872	2,334	4,839	697	102	216	302	243
Unskimmed.....	61,955	114,772	62,453	117,247	139,145	143,306	113,906	164,733
Bulk goods:								
Skimmed.....	166,017	173,658	225,840	306,899	374,840	519,188	² 818,076	542,936
Unskimmed.....	76,138	79,299	75,382	66,588	63,586	77,016	² 69,750	82,662
Unsweetened condensed milk (plain condensed):								
Bulk goods:								
Skimmed.....	246,910	326,535	318,379	325,512	363,771	454,443	² 487,219	402,167
Unskimmed.....	128,017	113,965	125,880	102,452	119,403	128,875	² 98,471	174,958
Evaporated milk (unsweetened):								
Case goods:								
Unskimmed.....	2,464,668	3,246,547	3,518,504	3,057,274	3,428,089	3,776,383	3,050,643	3,208,027
Concentrated skim milk (for animal feed).....	14,891	19,450	13,211	14,964	20,489	12,250	23,408	18,642
Condensed or evaporated buttermilk.....	111,842	128,183	169,999	167,338	157,503	160,441	226,708	189,135
Dry buttermilk.....	67,931	75,614	69,637	60,995	56,683	49,578	² 38,627	45,437
Dry whole milk.....	29,409	45,627	62,167	137,766	177,754	217,276	188,406	164,882
Nonfat dry milk solids.....	321,843	366,455	565,414	509,620	582,912	642,546	653,465	677,941
Dry skim milk (animal feed).....	159,962	110,042	61,148	24,279	16,407	17,508	13,704	22,149
Total nonfat dry milk solids ⁷	481,805	476,497	626,562	533,899	599,319	660,054	667,169	700,090
Dry cream.....	54	43	54	216	193	203	567	320
Dry whey.....	90,996	111,316	124,479	110,158	141,553	135,920	147,953	157,583
Dry casein (skim milk or buttermilk product).....	46,616	47,346	42,268	18,386	15,264	12,333	18,319	35,759
Malted milk powder.....	20,021	23,242	34,679	49,435	40,549	42,751	45,029	37,354
Ice cream:	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
Wholesale.....	287,099	⁸ 340,992	409,169	368,938	394,123	424,289	651,541	577,026
Retail.....	30,989	⁸ 49,183	54,977	42,688	50,075	52,068	² 62,053	52,064
Total manufactured.....	318,088	⁸ 390,175	464,146	411,626	444,198	476,357	² 713,594	629,090
Sherbet (does not include water ices).....	8,089	8,060	8,772	47,218	49,481	65,177	12,019	10,487

¹ Preliminary.

² Revised.

³ Includes Neufchatel cheese.

⁴ Prior to 1943 included in "All other varieties of cheese."

⁵ Excluding American full skim cheese and cottage, pot, and bakers' cheese.

⁶ Comparable data prior to 1946 not available. Cottage cheese curd includes cottage, pot, and bakers' cheese with a butterfat content of less than 4 percent, made by reporting plants. Creamed cottage cheese includes cheese with a butterfat content of 4 to 19 percent. Cottage cheese curd and creamed cottage cheese should not be added together to get a total cottage cheese figure, for, while some of the cottage cheese curd is sold direct for consumption without further processing, a considerable part is creamed within the plant or shipped to another plant for creaming prior to sale.

See additional footnotes on page 436.

TABLE 540.—Dairy products: Factory production of specified items, by States, average 1941-45, annual 1946 and 1947

State and division	Creamery butter (including whey butter)			American cheddar cheese			Total cheese ¹		
	Average 1941-45	1946	1947 ²	Average 1941-45	1946	1947 ²	Average 1941-45	1946	1947 ²
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine.....	233	745	68						114
Vermont.....	3,011	2,140	2,092	570	114	1,013	2,285	3,791	3,094
Massachusetts.....	195	462	263				1,783	3,739	2,545
Rhode Island.....							14		
Connecticut.....	23	10	2				128	77	125
New England.....	3,466	3,357	2,425	570	114	1,013	4,210	7,607	5,878
New York.....	24,088	14,368	17,686	27,816	11,780	30,191	66,289	53,916	71,043
New Jersey.....	115	76	83	23	11		901	2,062	1,144
Pennsylvania.....	13,066	8,716	10,923	1,459	1,252	1,272	11,930	14,271	10,990
Middle Atlantic.....	37,269	23,160	28,692	29,298	13,043	31,463	79,120	70,249	83,177
Ohio.....	67,951	49,107	55,767	20,254	19,983	23,260	31,401	31,787	34,436
Indiana.....	55,651	34,497	35,783	38,719	38,496	39,708	38,887	38,559	40,239
Illinois.....	73,384	61,373	59,296	60,554	63,280	67,791	76,587	85,300	86,864
Michigan.....	72,206	46,579	47,930	22,658	23,509	25,894	26,006	29,512	28,134
Wisconsin.....	140,168	83,063	115,710	386,237	370,734	416,043	495,531	525,326	535,873
E. N. Central.....	409,360	274,619	314,486	528,422	516,002	572,696	668,412	710,484	725,546
Minnesota.....	284,085	175,891	243,874	32,198	41,152	56,586	34,486	47,852	58,949
Iowa.....	232,891	207,997	209,145	9,831	10,750	10,013	10,015	11,064	10,555
Missouri.....	75,365	61,413	63,804	40,916	47,940	56,275	41,261	48,425	58,738
North Dakota.....	60,202	49,800	49,525	267	155	163	267	155	163
South Dakota.....	41,295	36,655	35,136	1,522	1,648	1,421	1,522	1,648	1,523
Nebraska.....	86,819	80,783	79,003	2,309	1,256	1,302	2,311	1,413	1,304
Kansas.....	68,873	48,892	51,001	14,182	10,877	16,354	14,183	11,477	16,498
W. N. Central.....	849,530	661,431	731,488	101,225	113,778	142,114	104,045	122,034	147,730
District of Columbia.....				3	2	4	4	13	18
Delaware.....	11						18		
Maryland.....	2,485	2,646	2,941						
Virginia.....	7,306	7,165	7,527	88	159	262	88	159	262
West Virginia.....	2,315	1,691	1,900	182	143	102	182	144	102
North Carolina.....	1,876	1,561	1,732	598	1,142	1,404	598	1,142	1,409
South Carolina.....	432	235	246	202			203		
Georgia.....	1,254	632	809	16	35	37	16	35	37
Florida.....	34								
South Atlantic.....	15,713	13,930	15,155	1,089	1,481	1,809	1,109	1,493	1,828
Kentucky.....	22,283	19,563	23,099	14,157	18,900	22,480	14,223	18,900	22,879
Tennessee.....	15,766	11,599	13,293	22,781	30,339	35,979	24,551	34,112	42,419
Alabama.....	675	135	171	4,288	3,567	4,094	4,288	3,569	4,094
Mississippi.....	4,368	2,766	3,014	10,399	10,943	11,345	10,402	11,033	11,350
Arkansas.....	7,011	5,386	6,194	7,293	6,073	7,618	7,612	6,073	7,618
Louisiana.....	780	315	386	88		16	88		213
Oklahoma.....	51,145	37,574	35,675	12,639	13,552	15,861	12,694	13,582	15,861
Texas.....	34,314	16,881	17,629	16,701	7,693	10,904	19,415	11,859	13,338
South Central.....	136,332	94,219	99,461	88,346	91,067	108,297	93,273	99,128	117,772
Montana.....	12,158	9,446	9,350	2,770	3,464	3,808	2,770	3,464	3,808
Idaho.....	35,597	16,600	25,928	17,434	20,114	20,447	20,839	23,299	24,058
Wyoming.....	3,027	2,770	2,787	846	800	619	1,866	1,853	1,747
Colorado.....	21,463	15,351	16,148	1,347	806	1,331	2,333	1,674	2,195
New Mexico.....	2,452	1,210	1,350	552	334	475	552	334	475
Arizona.....	1,323	336	750	185	423	11	579	1,056	543
Utah.....	8,160	4,359	4,929	6,368	7,042	8,057	7,149	10,085	12,026
Nevada.....	1,598	852	831	15	5	37	15	5	37
Mountain.....	85,778	50,924	62,073	29,517	32,988	34,785	36,003	41,770	44,889
Washington.....	29,798	16,615	21,666	10,020	6,644	7,093	10,524	7,504	8,774
Oregon.....	26,256	16,465	20,299	26,248	23,379	28,596	27,672	26,089	29,253
California.....	38,947	16,619	33,933	8,251	2,768	4,035	14,703	14,412	12,822
Pacific.....	95,001	49,699	75,898	44,519	32,791	39,724	52,989	48,005	50,849
United States.....	1,632,449	1,171,339	1,329,678	822,986	801,264	931,901	1,039,161	1,100,770	1,177,669

See footnotes at end of table.

TABLE 540.—*Dairy products: Factory production of specified items, by States, average 1941-45, annual 1946 and 1947—Continued*

State and division	Evaporated whole milk (case goods)			Nonfat dry milk solids (total) ³			Total ice cream		
	Average 1941-45	1946	1947 ²	Average 1941-45	1946	1947 ²	Average 1941-45	1946	1947 ²
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pound	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....				557	603	248	2,694	4,651	3,855
New Hampshire.....							1,115	1,688	1,442
Vermont.....				10,284	1,517	7,692	1,048	2,060	1,683
Massachusetts.....				168	1,046	289	16,833	25,585	22,572
Rhode Island.....							4,013	5,504	5,012
Connecticut.....				60	27		5,266	8,216	7,649
New England.....				11,069	3,193	8,229	30,969	47,704	42,213
New York.....	141,035	32,126	39,734	61,873	37,292	55,122	43,627	68,656	62,218
New Jersey.....				13			9,216	13,405	12,374
Pennsylvania.....	51,026	32,498	41,499	13,916	8,733	9,884	50,612	79,494	72,558
Middle Atlantic.....	192,061	64,624	81,233	75,802	46,025	65,006	103,455	161,555	147,150
Ohio.....	381,143	332,287	335,806	19,696	18,444	25,684	27,738	44,570	38,400
Indiana.....	107,821	112,576	115,478	18,162	21,712	24,354	12,367	21,696	19,592
Illinois.....	208,558	178,559	178,286	4,336	7,030	7,404	26,968	43,839	39,736
Michigan.....	186,168	189,994	188,303	33,731	31,162	37,373	20,298	30,895	27,815
Wisconsin.....	1,054,568	831,417	865,407	168,311	192,428	192,852	11,499	19,190	17,839
E. N. Central.....	1,938,258	1,644,833	1,683,280	244,236	270,776	287,667	98,870	160,190	143,382
Minnesota.....	33,871	41,939	53,435	95,836	200,095	167,364	9,486	17,961	16,389
Iowa.....	39,731	40,585	43,704	4,327	11,541	10,683	8,677	15,168	14,044
Missouri.....	162,852	173,724	177,953	19,854	26,194	29,800	12,338	21,273	18,929
North Dakota.....				352	568	595	1,353	3,079	2,677
South Dakota.....				117			1,762	3,213	2,994
Nebraska.....				3,532	4,479	4,983	4,304	7,416	7,132
Kansas.....	53,612	53,683	63,315	5,415	4,970	6,906	4,790	8,146	7,170
W. N. Central.....	290,066	309,931	338,407	129,433	247,847	220,331	42,710	76,256	69,335
District of Columbia.....							6,604	9,887	7,495
Delaware.....							1,829	2,835	2,360
Maryland.....	27,971	22,285	35,945	2,323	1,522	3,361	7,995	11,228	9,844
Virginia.....	28,168	38,022	43,256	762	701	1,683	8,351	13,668	11,044
West Virginia.....	23,950	26,679	28,847	181	483	497	4,379	7,815	7,128
North Carolina.....	23,881	26,150	29,599	107	815		8,739	16,366	13,518
South Carolina.....	4,101	9,594	8,987				2,777	3,561	2,971
Georgia.....							5,191	8,092	6,745
Florida.....							7,060	11,320	9,730
South Atlantic.....	108,071	122,730	151,634	3,373	3,521	5,541	52,925	84,772	70,835
Kentucky.....	110,206	139,264	166,101	1,703	1,599	1,971	3,605	5,719	4,627
Tennessee.....	90,200	109,333	124,704	2,005	1,210	1,802	7,806	16,662	13,177
Alabama.....	1,102			162	740	259	5,689	9,015	7,070
Mississippi.....	39,445	38,426	41,480	1,821	1,896	2,180	3,085	4,912	3,976
Arkansas.....	10,131	27,849	29,263		25	725	2,360	3,105	2,905
Louisiana.....				10			5,069	7,514	6,962
Oklahoma.....				1,664	2,170	2,095	5,117	8,556	7,834
Texas.....	37,898	33,950	37,575	2,288	619	824	20,368	32,706	26,725
South Central.....	288,982	348,822	399,123	9,653	8,259	9,856	53,099	88,189	73,276
Montana.....							1,565	2,809	2,726
Idaho.....	40,124	47,411	66,869	26,432	33,860	31,038	1,301	2,480	2,336
Wyoming.....				653	1,019	1,066	556	883	800
Colorado.....	22,331	18,845	20,427	119		148	4,015	6,339	5,831
New Mexico.....				47			822	1,380	1,264
Arizona.....	9,009	6,711	8,039	262	43	195	1,332	2,227	1,831
Utah.....	73,676	67,104	69,257	6,271	4,247	4,146	2,119	3,609	3,187
Nevada.....				91	294	317	394	569	638
Mountain.....	145,140	140,071	164,592	33,875	39,463	36,910	12,104	20,296	18,613
Washington.....	117,347	76,597	75,373	13,399	7,946	11,526	7,243	11,980	9,572
Oregon.....	36,182	32,853	27,072	8,315	5,253	9,631	4,275	7,153	6,678
California.....	289,256	310,182	287,313	50,109	34,886	45,393	31,647	55,499	48,036
Pacific.....	442,785	419,632	389,758	71,823	48,085	66,550	43,165	74,632	64,286
United States.....	3,405,363	3,050,643	3,208,027	579,264	667,169	700,090	437,297	713,594	629,080

¹ Excluding cottage and full skim Cheddar cheese for animal feed.

² Preliminary.

³ Includes dry skim milk Bureau of Agricultural Economics.

TABLE 541.—*Dairy products: Jan. 1 stocks (Government and commercial), United States, 1930-49*

Year	Butter	Cheese ¹	Evaporated milk ²	Condensed milk ³	Dry whole milk	Nonfat dry milk solids for human consumption	Cream (milk equivalent)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Million pounds ⁽⁴⁾
1930.....	81,935	86,075	211,954	25,462	2,905	16,506	
1931.....	63,401	83,288	202,070	17,803	3,799	22,412	194
1932.....	26,643	78,318	132,011	12,506	2,352	13,784	54
1933.....	22,043	68,714	100,092	12,234	2,768	8,873	152
1934.....	111,249	91,970	210,407	9,137	3,028	15,696	156
1935.....	47,175	102,197	156,793	10,516	2,101	18,691	55
1936.....	40,117	99,572	72,916	8,829	3,028	5,942	89
1937.....	61,234	110,400	258,904	9,071	3,930	22,224	135
1938.....	42,953	103,935	181,686	6,229	2,544	20,696	23
1939.....	128,770	120,174	205,073	7,139	3,673	27,624	174
1940.....	55,462	109,037	186,081	5,627	4,129	8,900	85
1941.....	41,497	129,536	187,652	8,047	4,632	26,433	95
1942.....	114,436	201,613	400,075	12,024	6,389	18,565	228
1943.....	24,979	131,398	822,172	5,469	7,418	98,002	110
1944.....	154,577	175,507	397,630	20,850	13,814	69,648	321
1945.....	60,767	144,553	209,297	50,977	24,035	133,607	172
1946.....	53,127	127,011	⁵ 216,423	⁵ 31,492	⁵ 42,359	⁵ 93,944	130
1947.....	27,874	123,592	⁵ 155,656	⁵ 7,211	⁵ 22,599	⁵ 62,668	613
1948.....	23,672	147,683	⁵ 158,551	⁵ 9,362	⁵ 14,726	⁵ 25,386	258
1949 ⁶	33,615	148,100	⁵ 426,029	⁵ 12,576	⁵ 18,491	⁵ 60,145	393

¹ Includes all kinds of cheese except cottage, pot, and bakers' cheese, and full skim American.² Unskimmed, unsweetened, case goods.³ Unsweetened condensed milk (plain condensed), unskimmed; and sweetened condensed milk, unskimmed, case goods. ⁴ Data not available.⁵ Not comparable with earlier years, due to inclusion of Government stocks at additional stages of distribution.⁶ Preliminary.

Bureau of Agricultural Economics.

TABLE 542.—*Dairy products: Manufacturers' stocks as of annual high and low point, 1939-48*

Year	Evaporated milk		Condensed milk		Dry whole milk		Nonfat dry milk solids (human food)	
	High (Aug. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Apr. 1)	High (July 1)	Low (Dec. 1)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939.....	¹ 355,071	¹ 109,882	¹ 8,570	² 4,608	² 4,624	² 2,694	² 28,370	² 6,269
1940.....	³ 380,545	⁴ 150,458	¹⁰ 454	³ 938	⁶ 884	² 3,107	¹ 38,327	⁵ 8,900
1941.....	⁶ 417,643	² 126,160	⁸ 11,906	² 2,228	¹ 7,200	⁴ 3,432	³⁰ 549	¹⁶ 795
1942.....	⁷ 331,571	⁶ 90,678	⁸ 12,024	⁸ 2,445	³ 9,813	⁵ 6,389	⁵⁵ 405	¹⁶ 322
1943.....	400,397	77,807	10,949	⁵ 4,230	⁹ 16,588	⁵ 7,368	¹⁰ 57,833	²¹ 839
1944.....	321,083	⁴ 147,285	⁷ 15,023	⁴ 6,134	⁷ 23,476	⁵ 7,816	¹⁰ 76,219	⁵ 22,343
1945.....	⁷ 209,952	⁵ 89,845	¹ 14,310	⁴ 6,559	³ 23,019	⁶ 12,020	⁸⁷ 052	¹³ 731
1946.....	229,279	⁴ 46,261	³ 12,547	⁴ 4,415	³ 26,408	¹¹ 9,218	⁸⁵ 978	¹¹ 12,860
1947.....	501,177	⁴ 117,497	³ 11,422	⁴ 4,346	⁷ 24,567	⁶ 15,364	¹¹¹ 155	²⁰ 537
1948.....	⁸ 622,624	63,117	³ 15,645	8,622	⁸ 30,713	¹¹ 12,173	¹ 97,976	⁵ 14,871

¹ Sept. 1⁴ Mar. 1⁷ July 1¹⁰ Aug. 1² May 1⁵ Jan. 1⁸ Nov. 1¹¹ Feb. 1³ Oct. 1⁶ Dec. 1⁹ June 1

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ADDITIONAL FOOTNOTES FOR TABLE 539:

⁷ Includes dry skim milk (animal feed).⁸ 1940 data classified according to type of manufacturing plant, i.e., (a) wholesale plant and (b) counter freezers and other small retailers. After 1940, classified according to method of sale of product.

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TABLE 543.—*Dairy products: Cold-storage holdings as of annual high and low point, 1939-1948*

Year	Creamery butter		Cheese		Fluid cream ¹		Plastic cream ¹	
	High (Sept. 1)	Low (Apr. 1)	High (Sept. 1)	Low (Apr. 1)	High (Aug. 1)	Low (Mar. 1)	High (Sept. 1)	Low (Apr. 1)
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	172,825	² 70,909	125,949	² 75,345	-----	-----	-----	-----
1940.....	134,266	8,875	³ 150,211	75,410	-----	-----	-----	-----
1941.....	³ 202,957	8,983	⁴ 189,002	² 108,335	-----	-----	-----	-----
1942.....	152,198	² 37,228	⁵ 296,763	⁴ 153,806	-----	-----	-----	-----
1943.....	³ 232,497	⁶ 12,327	⁷ 223,697	77,615	-----	-----	-----	-----
1944.....	⁸ 154,577	² 69,276	⁵ 223,254	150,198	-----	-----	-----	-----
1945.....	206,501	29,833	229,310	106,965	48,605	7,111	⁹ 9,652	⁶ 2,780
1946.....	84,980	² 14,052	160,272	² 84,845	91,822	6,441	24,163	¹⁰ 2,275
1947.....	85,364	7,818	202,597	93,427	38,832	¹¹ 9,021	⁸ 13,101	3,653
1948.....	97,624	3,482	217,819	103,350	¹² 60,942	¹¹ 4,385	10,211	1,218

¹ Data not collected prior to July 1944.² May 1.³ Oct. 1.⁴ Dec. 1.⁵ Aug. 1.⁶ Mar. 1.⁷ Nov. 1.⁸ Jan. 1.⁹ July 1.¹⁰ Feb. 1.¹¹ Apr. 1.¹² Sept. 1.

Production and Marketing Administration.

TABLE 544.—*Dairy products: Manufacturers' average selling price of specified products, United States, 1939-48*

Year	Unsweetened evaporated milk, per case of 48 14½-ounce cans, f. o. b. factory	Sweetened condensed milk, per case of 48 14-ounce cans, f. o. b. factory	Nonfat dry milk solids for human food, per pound, f. o. b. factory	Dry skim milk for animal feed, per pound, f. o. b. factory	Dry whole milk, per pound, f. o. b. factory	Casein, ground, per pound, New York City ¹
	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1939.....	2.75	4.82	6.12	4.94	15.10	12.0
1940.....	2.87	4.80	6.87	4.58	16.04	12.6
1941.....	3.33	5.15	9.00	6.17	19.86	21.4
1942.....	3.62	5.71	12.94	8.10	26.00	20.6
1943.....	4.15	5.84	13.81	8.74	32.76	22.4
1944.....	4.15	6.20	14.26	8.62	36.48	24.4
1945.....	4.15	6.33	14.06	8.39	37.62	24.0
1946.....	4.90	7.00	14.51	9.62	39.60	(?)
1947.....	5.43	8.36	10.86	7.85	41.41	(?)
1948.....	6.24	9.58	15.10	11.05	47.31	(?)

¹ 1942-45 casein prices are averages of weekly figures compiled by the Production and Marketing Administration. Previous years' figures are prices of 20-30 mesh casein compiled from the Oil, Paint and Drug Reporter, New York, for which the 1942 average was 20.9 cents.² Not available.

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TABLE 545.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1929-48¹

Year	Total milk ²			Fluid milk and cream ³			Condensed and evaporated milk ⁴			Dry whole milk		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1929.....	102,031	98,446	803.0	43,084	43,084	351.4	1,782	1,657	13.5	15	12	0.10
1930.....	104,135	100,657	813.1	43,273	43,273	349.5	1,779	1,672	13.5	15	11	.09
1931.....	107,457	104,018	833.5	43,316	43,316	347.1	1,759	1,666	13.3	15	8	.06
1932.....	107,453	104,256	830.1	44,069	44,069	350.9	1,814	1,746	13.9	11	9	.07
1933.....	105,789	102,619	812.5	44,065	44,065	348.9	1,793	1,737	13.7	13	11	.09
1934.....	106,230	103,219	812.1	42,287	42,287	332.7	1,959	1,894	14.9	17	15	.12
1935.....	105,327	102,306	799.3	42,974	42,974	335.7	2,119	2,057	16.1	20	17	.13
1936.....	105,120	102,065	791.8	43,925	43,925	340.8	2,087	2,036	15.8	21	18	.14
1937.....	106,165	103,121	795.7	44,253	44,253	341.5	2,213	2,154	16.6	17	14	.11
1938.....	107,205	103,979	795.6	44,358	44,358	339.4	2,299	2,241	17.1	20	15	.11
1939.....	111,880	108,489	823.8	45,223	45,223	343.4	2,388	2,327	17.7	24	17	.13
1940.....	112,715	108,979	820.6	45,582	45,582	343.2	2,727	2,551	19.2	28	19	.14
1941 ⁵	115,522	107,100	807.7	46,883	46,639	351.7	3,329	2,439	18.4	45	21	.16
1942 ⁵	123,889	111,033	839.3	49,506	49,068	370.9	3,305	2,429	18.3	61	26	.20
1943 ⁵	118,129	98,558	760.5	52,615	51,087	394.2	3,752	2,429	18.8	125	50	.39
1944 ⁵	124,996	99,922	773.4	54,685	53,038	410.5	3,899	2,012	15.6	170	44	.34
1945 ⁵	123,036	104,208	802.8	57,671	56,071	432.0	3,910	2,360	18.2	178	48	.37
1946 ⁵	124,694	113,201	812.6	59,318	58,943	423.1	3,734	2,577	18.5	232	71	.51
1947 ⁵	121,991	113,891	793.7	57,295	57,045	397.5	3,624	2,915	20.4	174	65	.45
1948 ^{5,6}	117,736	109,583	749.5	56,806	56,556	386.8	3,560	3,015	20.6	169	45	.31

Year	Butter ⁷			Cheese ⁸			Ice cream ⁹ (product weight)			Nonfat dry milk solids for human consumption		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita		Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1929	2,125	2,114	17.2	566	561	4.6	1,221	1,221	10.0	135	133	1.1
1930	2,142	2,133	17.2	571	567	4.6	1,132	1,132	9.1	164	161	1.3
1931	2,250	2,243	18.0	559	555	4.4	979	979	7.8	178	172	1.4
1932	2,282	2,275	18.1	549	546	4.3	727	727	5.8	181	179	1.4
1933	2,255	2,249	17.8	568	565	4.5	700	700	5.5	180	179	1.4
1934	2,318	2,312	18.2	617	613	4.8	844	844	6.6	189	188	1.5
1935	2,201	2,194	17.1	672	668	5.2	937	937	7.3	201	200	1.6
1936	2,120	2,114	16.4	692	688	5.3	1,145	1,145	8.9	228	226	1.8
1937	2,125	2,119	16.4	716	712	5.5	1,320	1,320	10.2	247	244	1.9
1938	2,156	2,148	16.4	763	759	5.8	1,325	1,325	10.1	282	275	2.1
1939	2,285	2,276	17.3	779	775	5.9	1,431	1,431	10.9	288	285	2.2
1940	2,255	2,244	16.9	797	791	6.0	1,495	1,495	11.3	305	295	2.2
1941 ⁵	2,199	2,116	16.0	891	780	5.9	1,834	1,787	13.5	370	325	2.5
1942 ⁵	2,239	2,092	15.8	1,212	843	6.4	2,181	2,091	15.8	489	335	2.5
1943 ⁵	1,885	1,525	11.8	1,936	637	4.9	1,935	1,583	12.2	539	273	2.1
1944 ⁵	1,950	1,532	11.9	1,137	624	4.8	1,999	1,619	12.5	518	193	1.5
1945 ⁵	1,692	1,415	10.9	1,082	861	6.6	2,144	1,704	13.1	689	248	1.9
1946 ⁵	1,530	1,459	10.5	1,145	925	6.6	3,283	3,133	22.5	678	451	3.2
1947 ⁵	1,651	1,605	11.2	1,170	984	6.9	2,894	2,774	19.3	710	417	2.9
1948 ^{5 6}	1,503	1,459	10.0	1,120	998	6.8	2,616	2,496	17.1	632	462	3.2

¹ Total disappearance is based on production, imports for consumption, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter.

² On fat solids basis. Total milk includes off-farm production of milk and milk fed to calves. Milk fed to calves and milk produced off farms are usually of approximately equal volume.

³ Fluid milk equivalent.

⁴ The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed) unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

⁵ The total apparent civilian consumption for the years 1941-48 was obtained by subtracting ending stocks, lend-lease shipments, other exports, and military takings, from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the

total population adjusted for underenumeration of children under 5 years of age, and for members of the armed forces not eating out of civilian food supplies.

⁶ Preliminary.

⁷ Includes both farm and factory-made butter.

⁸ Includes all kinds of cheese except cottage, pot, and bakers' cheese, and full skim American.

⁹ Production of ice cream prior to 1937 is not strictly comparable with that of following years because of the inclusion of production of small retailers and counter freezers since 1937.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1944, table 459.

TABLE 546.—Casein, dry: Production and imports, United States, 1939-48

Year	Production	Imports for consumption	Total	Year	Production	Imports for consumption	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	40,878	15,832	56,710	1944.....	15,264	47,225	62,489
1940.....	46,616	24,523	71,139	1945.....	12,333	51,610	63,943
1941.....	47,346	41,518	88,864	1946.....	18,319	45,346	63,665
1942.....	42,268	16,819	59,087	1947.....	¹ 35,759	20,887	56,646
1943.....	18,386	28,052	46,438	1948.....	² 14,110	40,585	54,695

¹ Preliminary. ² Estimated.

Bureau of Agricultural Economics. Imports compiled from records of Bureau of Foreign and Domestic Commerce and Bureau of the Census. Data for 1932-38 in Agricultural Statistics, 1948, table 537.

TABLE 547.—Casein, dry: Factory production, by States, average 1941-45, annual 1946 and 1947

State	Average 1941-45	1946	1947 ¹	State	Average 1941-45	1946	1947 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Maine.....	59		18	Missouri.....		29	19
Vermont.....	1,621	779	889	Oklahoma.....	177	100	357
New York.....	5,377	3,359	5,369	Idaho.....	2,036	566	1,100
Pennsylvania.....	43	2	18	Arizona.....	73	7	59
Ohio.....	121		275	Utah.....	148	13	
Indiana.....	76		46	Washington.....	933	486	1,192
Illinois.....	932	939	2,574	Oregon.....	123		11
Michigan.....	38	10		California.....	5,534	5,042	7,553
Wisconsin.....	6,033	3,238	8,170	Other States ²	75	41	
Minnesota.....	3,327	3,351	7,515	United States.....	27,119	18,319	35,759
Iowa.....	393	357	594				

¹ Preliminary.

² Include New Hampshire, Massachusetts, Nebraska, Texas, and Montana.

Bureau of Agricultural Economics.

TABLE 548.—Sweetened condensed whole milk and dry whole milk: Factory production, by States, average 1941-45, annual 1946 and 1947

Sweetened condensed whole milk (case goods)				Dry whole milk (total)			
State	Average 1941-45	1946	1947 ¹	State	Average 1941-45	1946	1947 ¹
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>		<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
New York.....	19,517	16,195	37,739	Vermont.....	1,404	1,222	3,591
Pennsylvania.....	1		693	New York.....	32,349	13,821	12,633
Ohio.....	1,009		504	Pennsylvania.....	2,318	599	878
Michigan.....	37,090	43,296	46,022	Ohio.....	10,841	12,530	12,859
Wisconsin.....	19,816	27,173	38,485	Indiana.....	4,294	6,024	6,413
Missouri.....			1,086	Michigan.....	5,625	8,762	13,047
Mississippi.....	12,894	12,794	12,683	Wisconsin.....	42,478	74,817	62,337
Oregon.....	3,126		2,840	Minnesota.....	10,344	27,365	22,863
California.....	20,705	14,333	24,671	California.....	14,137	26,836	23,403
Other States ²	1,227	115	10	Other States ³	4,328	16,430	6,924
United States.....	115,385	113,906	164,733	United States.....	128,118	188,406	164,888

¹ Preliminary.

² Include Vermont, Indiana, Illinois, Iowa, Kentucky, Colorado, New Mexico, and Washington.

³ Include Illinois, Iowa, Missouri, Nebraska, Kansas, Kentucky, Tennessee, Texas, Colorado, Idaho, Utah, Washington, and Oregon.

Bureau of Agricultural Economics.

TABLE 549.—Butter: Receipts at 6 markets, by origin, 1947 and 1948¹

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
New Hampshire	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Vermont	113						63	6				
Massachusetts	201	8					263	492				
Rhode Island							2,641	28				
Connecticut							9					
New York	5,437	4,024	1	30	1,185	1,386	4,510	1,499		181		84
New Jersey							30					
Pennsylvania	1,039	811	5	2	142	36		15				
Ohio	1,597	1,568	208	330	512	1,657	134	694				31
Indiana	756	1,501	1,935	2,291	68	192	330	490				
Illinois	11,066	8,054	14,439	16,453	3,936	3,919	14,224	11,510	941	1,417	320	1,349
Michigan	2,028	3,507	639	978	11		356	1,073				
Wisconsin	8,193	6,055	24,544	21,780	1,327	422	1,370	1,788	1,907	625	1,254	1,479
Minnesota	46,891	40,830	27,459	25,267	31,134	23,818	8,872	10,613	914	2,014	1,726	2,529
Iowa	68,369	66,454	31,085	29,967	7,562	8,475	7,643	8,535	1,176	1,022	2,035	2,886
Missouri	6,942	7,627	6,536	6,683	1,666	1,409	1,576	2,104	921	1,550	101	987
North Dakota	3,226	4,696	1,608	1,190	190	457	134	245	988	1,186	1,261	954
South Dakota	2,394	522	6,369	5,518	71	83		54	46	141	63	
Nebraska	17,983	13,549	9,865	10,192	3,869	4,126	2,648	1,780	1,408	1,675	805	730
Kansas	2,572	5,768	9,493	7,695	38		130	332	1,034	460	1,630	893
Maryland				8	20	3						
Virginia	1,495	601	34		154	40		33				
West Virginia					28							
Georgia		40										
North Carolina	3	59			99							
South Carolina		17			31							
Kentucky	205	423	703	805	92	11	482	602		30		
Tennessee	323	784	235	158		32		102		103		31
Mississippi	56	137		32	60		45		87	70		67
Arkansas	312	43	308	565					395	694	37	405
Louisiana	457							17				
Oklahoma		369	10,833	10,126	112	14	71	345	432	129	637	
Texas		49	470	220			41	28		122	295	49
Montana									10	27		
Idaho			106		29				1,919	2,562	12,682	12,413
Wyoming									36			
Colorado	4	2	319	25					117	220	707	954
New Mexico											40	
Utah		41							343	331	155	511
Nevada									27	60	4	
Washington	47						27	63		60	213	128
Oregon									2,237	1,672	1,002	562
California	554	50							13,667	10,893	7,460	3,723
Canada								50				
Total	182,263	168,189	147,194	140,326	52,336	46,089	45,590	42,189	29,464	27,951	31,919	31,402

¹ Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 550.—Butter: Receipts at 6 markets, by rail and truck, 1939-48¹

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	226,568	38,378	264,946	140,213	144,734	284,947	68,003	3,526	71,529
1940.....	217,171	40,017	257,188	115,393	137,254	252,647	72,810	4,393	77,203
1941.....	212,601	39,521	252,122	127,665	148,770	276,435	69,858	4,073	73,931
1942.....	177,954	41,703	219,657	112,900	134,114	247,014	68,743	5,333	74,076
1943.....	173,178	25,796	198,974	72,788	95,414	168,202	59,569	1,042	60,611
1944.....	185,136	14,696	199,832	59,092	88,212	147,304	57,495	1,384	58,879
1945.....	197,502	14,201	211,703	54,432	87,315	141,747	53,406	786	54,192
1946.....	146,091	3,337	155,428	32,012	65,636	97,648	41,270	1,336	42,606
1947.....	160,486	21,777	182,263	44,296	102,898	147,194	48,947	3,359	52,336
1948.....	132,332	35,857	168,189	27,028	113,298	140,326	39,327	6,762	46,089
	Boston			San Francisco			Los Angeles		
1939.....	70,316	6,355	76,671			36,245			49,873
1940.....	74,858	5,695	80,553	² 9,697	² 27,283	36,960			53,418
1941.....	75,104	6,027	79,131	11,575	26,280	37,855	² 20,730	² 34,283	55,013
1942.....	69,480	5,837	75,317	21,056	22,989	44,045	28,171	26,101	54,272
1943.....	55,951	3,038	58,989	35,580	14,790	50,370	30,546	13,690	44,236
1944.....	58,482	2,243	60,725	37,079	12,944	50,023	26,425	8,783	35,188
1945.....	41,482	1,844	43,326	36,680	10,513	47,193	34,798	6,300	41,098
1946.....	30,871	2,048	32,919	17,002	4,777	21,779	20,979	1,205	22,184
1947.....	43,744	1,846	45,590	12,143	17,321	29,464	16,913	15,006	31,919
1948.....	38,943	3,246	42,189	12,206	15,745	27,951	14,103	17,299	31,402

¹ Including container and wrapping. Includes intermarket shipments.² Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 551.—Butter, Grade A (92 score) and Grade B (90 score), creamery: Average wholesale price per pound at 4 markets, 1939-48

Year	New York		Chicago		Philadelphia		San Francisco	
	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)	Grade A (92 score)	Grade B (90 score)
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1939.....	26.0	25.0	25.4	24.8	26.4	25.2	27.7	25.4
1940.....	29.5	28.9	28.7	28.2	29.9	29.0	30.5	29.1
1941.....	34.3	33.4	33.8	32.8	34.8	33.4	35.9	34.1
1942.....	40.1	39.3	39.5	38.8	40.5	39.5	42.3	40.7
1943 ²	44.7	(¹)	44.0	43.2	45.4	(¹)	44.7	44.4
1944 ²	42.3	(¹)	41.5	41.3	(¹)	(¹)	(¹)	(¹)
1945 ²	42.9	(¹)	42.3	42.0	43.0	(¹)	(¹)	(¹)
1946.....	62.8	61.8	61.9	61.0	63.0	(¹)	³ 63.2	³ 61.1
1947.....	71.3	68.4	70.6	68.5	72.1	(¹)	73.8	69.0
1948.....	75.8	73.8	75.2	71.7	77.1	(¹)	79.7	75.3

¹ No prices available.² Prices of butter shown reflect actual wholesale trading and include the wholesale mark-up permitted under OPA MPR289, as amended.³ Average for 11 months.⁴ Averages not available for first four months of year.

Production and Marketing Administration.

TABLE 552.—*Butter futures: Volume of trading and annual average of month-end open contracts on all contract markets, and highest and lowest prices per pound on the Chicago Mercantile Exchange, 1939-48*

Year	Volume of trading	Average of open contracts	Price ¹		Year	Volume of trading	Average of open contracts	Price ¹	
			Highest	Lowest				Highest	Lowest
	<i>Carlots</i> ²	<i>Carlots</i> ²	<i>Cents</i>	<i>Cents</i>		<i>Carlots</i> ²	<i>Carlots</i> ²	<i>Cents</i>	<i>Cents</i>
1939.....	13, 177	908	28. 30	21. 75	1944.....	0	0		
1940.....	16, 336	844	34. 50	25. 80	1945.....	25	4	45. 75	45. 60
1941.....	31, 125	1, 754	38. 25	27. 35	1946.....	69	9	75. 00	54. 00
1942.....	14, 893	781	45. 50	32. 25	1947.....	17, 378	603	78. 75	53. 50
1943.....	33	0	45. 50	45. 50	1948.....	22, 264	880	82. 50	57. 80

¹ Standard contract storage.

² Averaging 19,200 pounds.

Commodity Exchange Authority. Trading and open contract figures compiled from daily reports from exchange clearing members. Prices compiled from records of the Chicago Mercantile Exchange.

TABLE 553.—*Butter and cheese: Volume graded by Federal and Federal-State graders, and butter graded for packaging with grade labels, 1930-48*

Year	Butter		Cheese	Year	Butter		Cheese
	Total graded	Graded for packing with grade labels ¹			Total graded	Graded for packing with grade labels ¹	
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1930.....	163, 350, 365	28, 869, 051	395, 529	1940.....	253, 856, 959	88, 588, 499	10, 915, 691
1931.....	188, 545, 508	40, 034, 307	535, 890	1941.....	298, 133, 367	83, 260, 038	167, 437, 051
1932.....	187, 680, 457	46, 505, 011	1, 523, 943	1942.....	367, 708, 678	86, 436, 372	310, 277, 910
1933.....	269, 310, 674	46, 520, 397	1, 568, 158	1943.....	491, 271, 672	60, 524, 522	300, 005, 649
1934.....	280, 806, 031	47, 317, 445	3, 522, 572	1944.....	301, 138, 984	42, 056, 944	208, 965, 380
1935.....	214, 568, 160	46, 965, 080	2, 292, 537	1945.....	268, 569, 271	52, 213, 854	265, 559, 974
1936.....	250, 269, 731	61, 888, 639	3, 919, 945	1946.....	91, 181, 106	18, 639, 635	94, 672, 532
1937.....	272, 931, 309	82, 096, 875	3, 324, 635	1947.....	220, 153, 596	56, 409, 264	167, 862, 318
1938.....	320, 456, 549	85, 150, 410	8, 176, 652	1948.....	259, 727, 678	57, 584, 605	135, 612, 280
1939.....	271, 339, 115	87, 226, 898	5, 514, 528				

¹ These quantities are also included in preceding column of this table.

Production and Marketing Administration.

TABLE 554.—Cheese: Receipts at 6 markets, by origin, 1947 and 1948¹

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine								39	1			
New Hampshire								2				
Vermont	137	59		87	20		131	71				
Massachusetts	55	121	28	5	50		954	213				37
Connecticut	41	4										
New York	3,320	3,241	477	777	620	387	919	417	398	228	190	169
New Jersey				48	128	196		14	106	22	28	84
Pennsylvania	135	346	1		3,157	3,064	91	483				
Ohio	5,263	920	846	2,191	2,021	2,275	848	1,154	156	56	96	88
Indiana	3,644	1,972	300	536	572	301	318	135	113		90	27
Illinois	21,311	16,964	4,049	7,121	4,237	3,818	2,286	2,778	1,773	2,203	1,193	1,798
Michigan	451	188	137	130	89	41	1	95	78			
Wisconsin	76,415	69,971	20,954	13,267	33,309	32,376	17,186	15,729	4,879	5,203	9,015	8,669
Minnesota	4,032	3,094	966	1,273	2,162	1,020	935	1,614	389	272	521	653
Iowa	3,254	1,027	301	350	140	186	64	67	363	233	174	449
Missouri	1,604	690	740	255	222	162	136	107	466	561	1,306	1,405
North Dakota	304										31	60
South Dakota	22	23										27
Nebraska	253		6		26	31	58	2			104	
Kansas	86		150	159	360	82	7			82	76	171
Maryland							139					
Virginia			1									
West Virginia		158			1							
North Carolina		50										
Georgia	1,468	95			183		181					
Kentucky	48	45	92	1								
Tennessee	1,940	845	47	190	207	80				57		86
Mississippi	165	30					34				45	41
Arkansas		147				44						
Louisiana									58			115
Oklahoma	42	40							11		186	257
Texas	374		12			57			234	296	557	533
Montana			49						344	67	174	62
Idaho	183	23	1						3,334	3,594	4,223	3,182
Colorado	583	637	76	150					22	139	39	
New Mexico			102								134	
Utah	1,143	1,930	462		31	41			329	288	308	88
Washington	135		53	9			61		200	84	97	154
Oregon				24					3,376	2,725	4,718	2,596
California	147	40	1	3					3,209	3,125	90	1,109
Canada	81	37								38		
Switzerland		131										
Total	126,636	102,828	29,851	26,576	47,535	44,161	24,349	22,920	19,817	19,156	23,495	21,899

¹ Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 555.—Cheese, American: Average wholesale price per pound, Wisconsin Cheese Exchange, and New York, Chicago, and San Francisco, 1939-48

Location and type of cheese	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Wisconsin Cheese Exchange: Twins or cheddars	12.8	14.3	19.4	21.6	23.3	23.3	23.3	(1)	(1)	(1)
New York: No. 1 fresh single daisies	15.6	17.0	22.3	25.1	(1)	(1)	(1)	(1)	42.1	47.5
Chicago: No. 1 fresh single daisies	14.6	16.2	21.4	24.0	26.0	26.0	26.0	38.4	40.9	45.5
San Francisco: No. 1 triplets	14.3	15.8	20.8	23.6	27.0	27.2	27.2	38.8	41.6	46.7

¹ Not available.

Production and Marketing Administration.

TABLE 556.—*Cheese: Receipts at 6 markets, by rail and truck, 1939-48*¹

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939	65,013	3,485	68,498	9,780	18,762	28,542			26,457
1940	71,472	3,411	74,883	10,249	20,305	30,554	² 25,422	² 20	25,442
1941	89,359	1,694	91,053	11,844	22,592	34,436			30,829
1942	95,828	3,722	99,550	40,129	23,023	63,152	34,521	357	34,878
1943	95,550	2,085	97,635	31,676	12,331	44,007	24,769	413	25,182
1944	109,701	1,681	111,382	35,483	12,925	48,408	26,360	512	26,872
1945	127,161	1,174	128,335	29,175	14,662	43,797	32,505	730	33,235
1946	146,743	460	147,203	17,150	14,723	31,873	44,088	1,494	45,582
1947	124,727	1,909	126,636	19,133	10,718	29,851	44,069	3,466	47,535
1948	100,151	2,677	102,828	10,372	16,204	26,576	40,994	3,167	44,161
	Boston			San Francisco			Los Angeles		
1939	11,810	1,543	13,353			17,869			14,389
1940	12,350	1,936	14,286	² 6,447	² 11,685	18,132			18,313
1941	13,929	1,747	15,676	7,403	10,284	17,687	² 11,395	² 6,485	17,880
1942	14,314	2,171	16,485	10,276	11,428	21,704	14,060	7,273	21,333
1943	14,271	680	14,951	16,468	5,689	22,157	7,739	7,371	15,110
1944	13,744	1,119	14,863	11,807	3,852	15,659	11,404	3,798	15,202
1945	13,148	597	13,745	11,420	4,572	15,992	14,505	3,780	18,285
1946	25,512	292	25,804	12,030	5,429	17,459	18,668	4,916	23,584
1947	23,497	852	24,349	12,268	7,549	19,817	19,158	4,337	23,495
1948	22,648	272	22,920	11,726	7,430	19,156	19,719	2,180	21,899

¹ Including container and wrapping. Includes intermarket shipments.² Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 557.—*Chickens: Number on farms Jan. 1, and value, United States, 1930-49*¹

Year	Number					Value per head	Total value
	Hens	Pullets	Hens and pullets	Other chickens	All chickens		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Cents</i>	<i>1,000 dollars</i>
1930 ²					378,878	84.9	321,625
1930	167,139	253,312	420,451	48,040	468,491	92.8	434,830
1931	158,214	243,562	401,776	47,967	449,743	70.3	315,968
1932	156,178	229,648	385,826	50,989	436,815	61.5	268,767
1933	154,037	236,706	390,743	53,780	444,523	44.9	199,753
1934	146,997	238,344	385,341	48,596	433,937	42.0	182,424
1935 ³					371,608	61.5	191,504
1935	138,609	211,798	350,407	39,551	389,958	54.4	212,071
1936	136,187	226,432	362,619	40,827	403,446	75.5	304,725
1937	130,445	249,309	379,754	44,167	423,921	65.6	278,120
1938	137,958	215,006	352,964	36,660	389,624	75.6	294,718
1939	134,331	241,810	376,141	42,450	418,591	70.0	292,852
1940 ²					537,949	66.0	189,086
1940	139,079	253,576	392,655	45,633	438,288	60.5	265,000
1941	141,430	239,885	381,315	41,526	422,841	65.4	276,460
1942	150,170	277,741	427,911	49,024	476,935	83.3	397,509
1943	170,337	318,622	488,959	53,088	542,047	104.0	563,986
1944	174,000	349,587	523,587	58,610	582,197	118.0	685,901
1945 ³					433,111	123.0	431,860
1945	172,426	301,454	473,880	42,617	516,497	121.0	625,259
1946	149,524	324,709	474,233	55,970	530,203	127.0	670,973
1947	150,392	285,273	435,665	38,776	474,441	144.0	682,486
1948	141,133	285,332	426,465	35,085	461,550	144.0	665,227
1949 ⁴	144,888	268,266	413,154	35,684	448,838	166.0	745,976

¹ Does not include commercial broilers.² United States census as of Apr. 1.³ United States census as of Jan. 1.⁴ Preliminary.

Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics, 1942, table 645.

TABLE 558.—Chickens: Hens, pullets, and other chickens on farms Jan. 1, by States, average 1938-47, annual 1948 and 1949

State and division	Hens			Pullets			Other chickens		
	Average 1938-47	1948	1949	Average 1938-47	1948	1949	Average 1938-47	1948	1949
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	705	893	768	1,508	1,562	1,734	125	80	100
New Hampshire.....	514	511	552	1,567	1,680	1,529	176	105	134
Vermont.....	266	305	238	699	663	690	48	30	34
Massachusetts.....	847	793	880	3,780	3,897	3,702	233	145	162
Rhode Island.....	116	128	120	390	415	407	36	20	22
Connecticut.....	821	1,001	1,051	2,161	2,263	2,172	215	130	134
New York.....	5,064	4,921	4,921	9,512	10,868	10,107	825	835	810
New Jersey.....	2,425	3,407	3,100	5,160	6,479	7,386	1,354	806	1,169
Pennsylvania.....	6,747	7,094	7,023	13,058	14,156	14,298	2,403	2,816	2,779
North Atlantic.....	17,504	19,053	18,653	37,834	41,983	42,025	5,414	4,467	5,344
Ohio.....	6,511	5,489	5,654	13,521	12,805	11,781	1,830	812	974
Indiana.....	3,939	3,527	4,091	10,996	12,043	11,200	2,245	1,985	2,223
Illinois.....	6,536	5,723	5,666	15,543	15,416	14,799	2,108	1,142	959
Michigan.....	3,508	3,174	2,920	8,713	7,872	7,557	926	400	440
Wisconsin.....	5,671	5,876	6,229	10,494	11,171	10,501	761	658	619
East North Central.....	26,164	23,789	24,560	59,266	59,307	55,838	7,870	4,997	5,215
Minnesota.....	6,396	6,725	8,137	17,796	20,880	18,166	1,138	748	583
Iowa.....	8,183	5,733	6,994	25,086	26,272	23,908	2,593	1,628	1,286
Missouri.....	7,763	6,284	6,598	14,909	15,228	14,467	2,045	1,395	1,423
North Dakota.....	1,493	1,109	1,386	3,446	3,423	2,875	434	291	247
South Dakota.....	2,357	2,119	2,500	5,890	6,726	5,583	652	503	352
Nebraska.....	3,766	3,394	3,394	10,348	10,482	9,434	1,410	1,079	777
Kansas.....	5,586	4,888	5,219	10,308	10,018	8,916	1,239	738	775
West North Central.....	35,544	30,351	34,228	87,783	93,029	83,349	9,512	6,382	5,443
Delaware.....	331	292	295	681	687	639	246	144	141
Maryland.....	1,371	1,390	1,320	2,397	2,489	2,414	681	504	504
Virginia.....	3,677	3,286	3,253	5,551	5,871	5,577	844	795	882
West Virginia.....	1,856	1,697	1,595	2,302	1,967	2,046	396	293	314
North Carolina.....	3,862	3,710	3,858	5,540	5,288	5,394	2,276	1,534	1,595
South Carolina.....	1,872	1,862	1,713	2,109	2,000	2,120	1,129	1,041	947
Georgia.....	3,378	3,202	3,138	4,199	4,038	3,836	1,494	1,399	1,399
Florida.....	1,092	1,013	1,033	1,262	1,285	1,324	638	523	544
South Atlantic.....	17,438	16,452	16,205	24,041	23,625	23,350	7,703	6,233	6,326
Kentucky.....	3,786	3,436	3,505	6,982	7,278	7,060	1,442	1,044	1,065
Tennessee.....	4,443	4,207	4,123	6,098	5,723	5,494	1,343	1,087	1,076
Alabama.....	3,420	3,204	3,076	3,936	3,440	3,440	1,547	1,452	1,350
Mississippi.....	3,637	3,344	3,076	3,613	2,999	3,149	1,263	1,123	1,168
Arkansas.....	3,485	2,753	2,698	4,536	3,847	3,501	1,182	710	781
Louisiana.....	1,920	1,673	1,494	2,663	2,226	2,426	1,274	1,059	1,080
Oklahoma.....	4,588	4,130	4,089	7,309	6,345	5,520	1,049	784	784
Texas.....	13,137	12,154	11,789	16,098	13,859	11,503	3,061	2,339	2,479
South Central.....	38,416	34,801	33,850	50,236	45,717	42,093	12,163	9,598	9,783
Montana.....	689	569	558	1,355	1,208	1,220	200	119	118
Idaho.....	630	468	468	1,726	1,627	1,529	153	126	105
Wyoming.....	302	282	271	500	484	465	89	59	53
Colorado.....	1,176	1,103	1,070	2,403	2,192	2,060	320	196	255
New Mexico.....	500	522	522	614	608	578	111	89	80
Arizona.....	276	310	322	347	339	285	88	82	70
Utah.....	1,268	1,309	1,309	1,360	1,577	1,609	189	146	161
Nevada.....	120	117	118	144	162	165	29	38	39
Washington.....	2,571	1,923	2,000	3,330	2,841	2,926	335	304	353
Oregon.....	1,407	1,369	1,342	2,058	1,780	1,655	325	318	318
California.....	7,960	8,715	9,412	7,769	8,853	9,119	1,934	1,871	2,021
Western.....	16,898	16,687	17,392	21,606	21,671	21,611	3,773	3,408	3,673
United States.....	151,965	141,133	144,888	280,766	285,332	268,266	46,435	35,085	35,684

Bureau of Agricultural Economics.

TABLE 559.—*Chickens: Number on farms, Jan. 1, value per head, and total value, by States, average 1938-47, annual 1948 and 1949*¹

State and division	Number			Value per head			Total value		
	Average 1938-47	1948	1949	Average 1938-47	1948	1949	Average 1938-47	1948	1949
	Thou- sands	Thou- sands	Thou- sands	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,338	2,535	2,602	145	221	241	3,493	5,602	6,271
New Hampshire.....	2,256	2,296	2,215	146	226	244	3,420	5,189	5,405
Vermont.....	1,013	998	962	143	224	242	1,492	2,236	2,328
Massachusetts.....	4,860	4,835	4,744	151	222	246	7,598	10,734	11,670
Rhode Island.....	541	563	549	148	218	235	830	1,227	1,290
Connecticut.....	3,197	3,394	3,357	149	216	233	4,920	7,331	7,822
New York.....	18,401	16,624	15,838	134	210	239	21,141	34,910	37,853
New Jersey.....	8,938	10,692	11,655	145	220	249	13,567	23,522	29,021
Pennsylvania.....	22,208	23,566	24,100	122	179	208	27,805	42,183	50,128
North Atlantic.....	60,752	65,503	66,022	134	203	230	84,268	132,934	151,788
Ohio.....	21,861	19,106	18,409	104	153	181	22,699	29,232	33,320
Indiana.....	17,179	17,555	17,514	95	135	158	16,660	23,699	27,672
Illinois.....	24,187	22,281	21,424	95	133	162	23,290	29,634	34,707
Michigan.....	13,147	11,446	10,917	108	163	191	14,355	18,687	20,851
Wisconsin.....	16,926	17,705	17,349	100	143	170	17,431	25,318	29,493
East North Central.....	93,300	88,093	85,613	99.8	144	171	94,435	126,540	146,043
Minnesota.....	25,330	28,353	26,886	87	133	162	23,283	37,709	43,555
Iowa.....	35,863	33,633	32,188	96	137	171	35,062	46,077	55,041
Missouri.....	24,717	22,907	22,488	86	126	145	21,616	28,863	32,608
North Dakota.....	5,373	5,022	4,508	83	127	149	4,731	6,378	6,717
South Dakota.....	8,898	9,348	8,435	86	114	144	8,066	10,687	12,146
Nebraska.....	15,623	14,955	13,605	84	113	144	13,616	16,899	19,591
Kansas.....	17,133	15,544	14,910	82	118	142	14,464	18,342	21,172
West North Central.....	132,838	129,762	123,020	88.0	127	155	120,837	164,925	190,830
Delaware.....	1,258	1,123	1,075	115	166	184	1,459	1,864	1,978
Maryland.....	4,449	4,383	4,238	109	162	180	4,930	7,100	7,628
Virginia.....	10,071	9,952	9,712	97	140	160	10,008	13,933	15,539
West Virginia.....	4,555	3,957	3,955	92	140	154	4,211	5,540	6,091
North Carolina.....	11,678	10,532	10,847	96	140	150	11,533	14,745	16,270
South Carolina.....	5,110	4,903	4,780	98	150	159	5,195	7,354	7,600
Georgia.....	9,071	8,639	8,373	91	141	151	8,550	12,181	12,643
Florida.....	2,991	2,821	2,901	106	162	167	3,262	4,570	4,845
South Atlantic.....	49,183	46,310	45,881	97.4	145	158	49,148	67,287	72,594
Kentucky.....	12,210	11,758	11,630	80	112	134	9,957	13,169	15,584
Tennessee.....	11,885	11,017	10,693	80	113	127	9,708	12,449	13,580
Alabama.....	8,904	8,096	7,866	80	126	134	7,337	10,201	10,840
Mississippi.....	8,514	7,466	7,393	79	121	125	6,819	9,034	9,241
Arkansas.....	9,203	7,310	6,980	74	116	125	6,873	8,480	8,725
Louisiana.....	5,857	4,858	5,000	91	145	155	5,426	7,044	7,750
Oklahoma.....	12,946	11,259	10,393	78	116	131	10,339	13,060	13,615
Texas.....	31,296	28,352	25,771	80	117	126	25,747	33,172	32,471
South Central.....	100,815	90,116	85,726	79.5	118	130	82,205	106,609	111,506
Montana.....	2,244	1,896	1,896	94	155	170	2,134	2,939	3,223
Idaho.....	2,509	2,221	2,102	93	148	160	2,352	3,287	3,363
Wyoming.....	891	825	789	88	137	148	792	1,130	1,168
Colorado.....	3,899	3,491	3,385	84	140	150	3,343	4,887	5,078
New Mexico.....	1,225	1,219	1,180	87	139	154	1,098	1,694	1,817
Arizona.....	711	731	677	111	165	175	806	1,206	1,185
Utah.....	2,817	3,032	3,079	89	147	151	2,612	4,457	4,649
Nevada.....	294	317	322	101	156	173	305	495	567
Washington.....	6,236	5,128	5,279	110	172	191	6,847	8,820	10,083
Oregon.....	3,790	3,467	3,315	112	177	191	4,267	6,137	6,332
California.....	17,662	19,439	20,552	111	164	174	20,167	31,880	35,760
Western.....	42,278	41,766	42,576	104	160	172	44,722	66,932	73,215
United States.....	479,166	461,550	448,838	96.9	144	166	475,614	665,227	745,976

¹ Does not include commercial broilers.

Bureau of Agricultural Economics.

TABLE 560.—Chickens: Participation in the National Poultry Improvement Plan, 1935-48

Year beginning July—	States participating	Hatcheries		Supply flocks		U. S. Record of Performance ²				U. S. Register of Merit ²			
		Number	Egg capacity ¹	Flocks	Birds	Flocks	Candidates trap-nested	Females in U.S.R.O.P. matings ³	Average egg production ⁴	Sires		Dams	
										Number	Daughters' average egg production ⁴	Number	Daughters' average egg production ⁴
	<i>Number</i>		<i>Thousands</i>	<i>Number</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>		<i>Number</i>		<i>Number</i>
1935.....	34	1,017	38,066	23,813	3,522	190	66,547	22,322	164	36	197	144	206
1936.....	41	1,239	52,592	30,558	6,536	352	112,202	26,135	171	52	198	310	207
1937.....	42	1,478	60,523	28,820	5,948	353	108,183	30,081	176	89	199	418	207
1938.....	44	2,033	75,783	42,591	8,654	396	124,937	32,949	171	155	199	809	205
1939.....	44	2,192	90,579	50,559	10,714	429	144,447	42,841	171	191	199	1,153	208
1940.....	44	2,465	117,916	59,136	12,011	445	154,969	45,964	179	337	204	1,919	209
1941.....	44	2,667	135,742	69,681	15,519	425	160,022	49,280	179	420	202	2,483	209
1942.....	44	2,729	149,427	69,569	16,534	435	151,685	53,081	179	408	202	2,333	205
1943.....	45	3,080	189,756	81,844	20,332	447	159,534	62,255	179	514	199	2,873	208
1944.....	45	3,181	206,259	73,578	18,592	444	173,183	71,228	186	707	204	3,785	209
1945.....	47	3,952	259,453	92,324	24,904	471	211,669	215,198	191	796	202	4,742	209
1946.....	47	4,498	325,633	105,633	27,591	471	220,183	71,684	191	729	222	5,236	222
1947.....	47	4,354	328,513	97,378	27,291	464	215,198			729	220	5,283	222
1948.....	47	4,438	346,294	93,874	27,409								

¹ Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays.

² For U. S. Record of Performance and U. S. Register of Merit, the year covers 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

³ Single-male matings of U.S.R.O.P. birds.

⁴ Computed by dividing the number of eggs laid during the year by the number of candidates, according to Record of Pedigreed Candidates submitted for U. S. Register of Merit Analysis.

Bureau of Animal Industry.

TABLE 561.—Chickens participating in the National Poultry Improvement Plan, by States, 1948, and U.S.R.O.P., 1947¹

State and division	Hatcheries, 1948		Supply flocks, 1948			U. S. Record of Performance, 1947			
	Number	Egg capacity ²	Flocks	Birds	Average number of birds per flock	Breeders	Flocks	Candidates trapped	Females in U. S. R. O. P. matings ³
Maine.....	91	2, 372	466	789, 655	1, 695	1	1	142	98
New Hampshire.....	142	5, 608	564	1, 380, 148	2, 449	14	19	6, 392	2, 964
Vermont.....	28	440	192	146, 333	762	2	2	850	198
Massachusetts.....	264	7, 211	657	912, 690	1, 389	18	20	17, 913	4, 014
Rhode Island.....	11	178	50	38, 206	764	2	2	239	749
Connecticut.....	99	7, 287	346	426, 043	1, 231	12	16	5, 041	2, 367
New York.....	258	7, 700	641	699, 272	1, 091	14	20	8, 440	1, 600
New Jersey.....	72	7, 818	559	590, 479	1, 056	10	12	5, 618	2, 363
Pennsylvania.....	114	7, 292	780	790, 225	909	10	12	11, 279	3, 881
North Atlantic.....	1, 079	45, 906	4, 255	5, 692, 051	1, 338	83	104	55, 914	14, 353
Ohio.....	196	17, 176	6, 322	1, 347, 536	213	18	18	11, 063	3, 346
Indiana.....	269	30, 020	11, 806	2, 527, 494	214	14	20	20, 402	6, 828
Illinois.....	235	32, 160	13, 117	2, 453, 401	187	12	18	6, 465	1, 908
Michigan.....	90	6, 225	1, 733	476, 721	275	10	17	5, 656	3, 846
Wisconsin.....	68	4, 187	1, 203	359, 267	299	14	19	7, 381	3, 581
E. North Central.....	858	89, 768	34, 191	7, 164, 419	210	68	92	50, 967	19, 309
Minnesota.....	238	22, 932	4, 821	1, 774, 551	368	15	19	14, 212	7, 047
Iowa.....	125	12, 669	4, 413	1, 052, 870	239	10	14	9, 458	2, 626
Missouri.....	227	31, 810	14, 473	2, 615, 162	181	19	40	11, 934	6, 295
North Dakota.....	55	3, 946	1, 077	189, 859	176	4	4	538	195
South Dakota.....	48	3, 603	1, 069	244, 673	229	1	1	439	111
Nebraska.....	64	6, 089	1, 617	358, 305	222	4	10	2, 812	469
Kansas.....	143	11, 261	3, 832	807, 748	211	7	14	4, 704	2, 164
W. North Central.....	900	91, 810	31, 302	7, 043, 168	225	60	102	44, 097	18, 907
Delaware.....	24	7, 914	469	367, 506	784	1	2	1, 122	243
Maryland.....	65	11, 930	1, 356	409, 814	302	5	7	1, 288	190
Virginia.....	95	11, 078	1, 706	621, 575	364	4	4	1, 740	669
West Virginia.....	27	1, 811	1, 034	147, 304	142	1	1	36	36
North Carolina.....	193	10, 586	1, 934	778, 362	402	13	16	5, 173	2, 001
South Carolina.....	40	2, 135	336	113, 370	337	6	7	1, 893	709
Georgia.....	102	10, 110	514	572, 613	1, 114	3	3	2, 091	579
Florida.....	81	3, 322	153	161, 317	1, 054	10	12	4, 307	821
South Atlantic.....	627	58, 886	7, 502	3, 171, 861	423	43	52	17, 650	5, 248
Kentucky.....	109	5, 406	4, 288	493, 658	115	9	17	4, 255	1, 843
Tennessee.....	65	3, 771	1, 975	215, 819	109	5	8	2, 729	651
Alabama.....	104	4, 080	747	186, 010	249	7	12	4, 164	1, 139
Mississippi.....	54	2, 206	439	87, 143	199	1	1	752	23
Arkansas.....	64	3, 127	741	126, 886	171	2	2	113	113
Louisiana.....	70	1, 732	423	51, 092	121	6	10	2, 674	686
Oklahoma.....	73	5, 947	2, 146	337, 693	157	4	11	2, 651	647
Texas.....	103	8, 216	1, 415	393, 773	278	13	15	10, 061	3, 267
South Central.....	642	34, 485	12, 174	1, 892, 074	155	47	76	27, 286	8, 374
Montana.....	19	1, 209	201	33, 153	165	3	4	1, 257	209
Idaho.....	34	1, 304	405	95, 465	236	1	2	452	161
Wyoming.....	8	233	188	12, 761	145	1	2	240	474
Colorado.....	38	2, 198	684	137, 927	202	3	3	909	262
New Mexico.....	4	143	20	6, 480	324	1	1	1, 333	96
Arizona.....	8	390	38	11, 987	315	2	6	2, 949	617
Utah.....	19	1, 624	90	82, 910	921	3	3	3, 925	2, 000
Nevada.....	50	3, 383	687	419, 990	611	11	12	6, 059	1, 675
Washington.....	54	3, 076	771	391, 102	507	7	7	19, 284	5, 493
Oregon.....	98	11, 879	1, 466	1, 253, 761	855	31	38	215, 198	71, 684
California.....	332	25, 439	4, 450	2, 445, 536	550	31	38	19, 284	5, 493
Western.....	332	25, 439	4, 450	2, 445, 536	550	31	38	19, 284	5, 493
United States.....	4, 438	346, 294	93, 874	27, 409, 109	292	332	464	215, 198	71, 684

¹ For hatcheries and supply flocks, year began July 1, 1948, and ended June 30, 1949. For U. S. Record of Performance, the year covers 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall. Data on Record of Performance not available for the 1948 year.

² Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays. ³ Single-male matings of U.S.R.O.P. birds.

TABLE 562.—*Chickens: Participation in U. S. Record of Performance, 1947, and U. S. Register of Merit, 1947, by breeds and varieties*

Breed and variety	U. S. Record of Performance, 1947 ¹				U. S. Register of Merit, 1947 ¹					
	Flocks	Candidates trap-nested	U. S. R.O.P. matings ²	Average egg production	Sires			Dams		
					Number	Daughters	Daughters' average egg production	Number	Daughters	Daughters' average egg production
	Number	Number	Number	Number	Number	Number	Number	Number	Number	
Single-Comb White Leghorn.....	169	101,918	2,089	200	433	33,403	224	3,280	30,387	227
New Hampshire.....	102	43,243	875	180	131	7,207	209	837	7,431	214
Single-Comb Rhode Island Red.....	57	27,171	598	190	73	3,523	217	471	4,222	213
Barred Plymouth Rock.....	56	19,070	424	186	39	2,481	224	286	2,826	224
White Plymouth Rock.....	59	20,907	558	173	49	2,902	201	384	3,183	206
Black Australorp.....	9	1,401	63	205	2	65	220	18	114	226
White Wyandotte.....	5	931	61	180	2	77	214	7	57	222
Others.....	7	557	15	124	0	0	0	0	0	0
Total or average.....	464	215,198	4,673	191	729	49,658	220	5,283	48,220	222

¹ Trap-nest year covering 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

² Single-male matings of U.S.R.O.P. birds.

Bureau of Animal Industry.

TABLE 563.—*Chickens: Distribution of birds trap-nested under the National Poultry Improvement Plan, by breed and variety, 1940-48¹*

Breed and variety	1940	1941	1942	1943	1944	1945	1946	1947	1948
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Single-Comb White Leghorn.....	56.3	53.0	51.2	49.9	50.6	48.0	47.6	47.4	
Single-Comb Rhode Island Red.....	14.9	13.6	13.4	13.8	12.1	13.0	12.2	12.6	(data no longer available)
New Hampshire.....	8.3	9.1	11.5	12.4	13.2	15.9	18.9	20.1	
White Plymouth Rock.....	9.3	12.0	11.9	10.6	11.5	11.5	9.5	9.7	
Barred Plymouth Rock.....	9.4	10.0	9.5	10.8	10.6	9.4	9.6	8.9	
White Wyandotte.....	1.1	1.4	1.4	1.1	0.8	0.9	1.1	0.4	
Others.....	0.7	0.8	1.1	1.4	1.2	1.3	1.1	0.9	
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

¹ Trap-nest year covering 365 days from date of first egg of each bird. Most candidates begin laying in the late summer or early fall.

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TABLE 564.—Chickens: Farm production, disposition, cash receipts, and gross income, United States, 1930-48¹

Year	Number							Pounds			Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms ⁶	Gross income ⁷
	Raised ²	Loss of mature birds ³	Pro-duced ⁴	Change in inventory ⁵		Con-sumed in farm household ⁶	Sold	Pro-duced	Con-sumed in farm household ⁶	Sold					
				Increase	Decrease										
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>	<i>1,000 dol.</i>	<i>1,000 dol.</i>	<i>1,000 dol.</i>
1930.....	776,971	62,591	714,380	-----	18,748	244,127	489,001	2,647,373	903,270	1,814,640	18.4	482,103	333,188	161,756	494,944
1931.....	709,425	62,846	646,579	-----	12,928	230,970	428,537	2,456,955	877,686	1,633,640	15.8	383,215	257,665	132,391	390,056
1932.....	735,510	62,891	672,619	7,708	-----	246,631	418,280	2,683,425	944,597	1,616,363	11.8	296,958	189,410	104,010	293,420
1933.....	750,090	65,161	684,929	-----	10,586	254,388	441,127	2,620,924	971,762	1,695,954	9.5	243,971	160,584	86,820	247,404
1934.....	644,424	66,102	578,322	-----	43,979	218,990	403,311	2,189,191	838,732	1,644,543	11.3	241,956	170,772	88,444	259,216
1935.....	658,344	60,575	597,769	13,488	-----	218,796	365,485	2,292,047	846,741	1,413,867	14.9	331,399	207,361	116,429	323,790
1936.....	715,034	64,426	650,608	20,475	-----	235,144	394,989	2,409,582	797,534	1,635,622	15.8	386,116	239,181	134,416	353,597
1937.....	601,147	68,567	532,580	-----	34,297	215,067	351,810	2,042,009	752,407	1,417,395	15.9	332,299	224,826	129,145	373,971
1938.....	650,686	67,478	583,207	28,967	-----	227,810	326,430	2,185,049	787,496	1,281,635	15.4	336,689	195,195	125,088	320,283
1939.....	696,655	75,592	621,063	19,697	-----	224,783	376,583	2,337,980	779,311	1,481,206	13.5	319,252	198,597	110,490	309,087
1940.....	633,705	78,142	555,563	-----	15,447	201,164	369,846	2,158,222	712,093	1,508,106	13.2	283,740	199,435	92,301	291,736
1941.....	744,956	80,841	664,115	54,094	-----	197,699	412,322	2,586,468	699,416	1,672,552	15.8	404,835	263,772	108,303	372,075
1942.....	844,276	92,433	751,843	65,112	-----	193,688	493,043	3,004,727	689,036	2,046,466	19.0	568,089	388,729	129,116	517,845
1943.....	1,001,592	87,685	913,707	40,150	-----	190,620	682,937	3,679,476	836,219	2,836,135	24.5	904,605	696,214	166,614	862,828
1944.....	832,063	107,192	724,871	-----	65,700	178,670	611,901	3,009,026	643,554	2,645,077	24.0	723,634	634,918	155,474	790,392
1945.....	914,793	91,341	823,452	13,706	-----	188,331	621,415	3,416,783	688,435	2,670,225	26.1	895,118	695,860	182,490	878,350
1946.....	745,802	92,399	653,403	-----	55,762	183,202	525,963	2,724,580	676,018	2,287,035	28.0	761,951	639,348	189,622	828,970
1947.....	745,401	85,035	660,366	-----	12,891	176,412	496,845	2,753,129	653,995	2,153,779	26.8	741,426	577,663	177,718	755,381
1948.....	637,372	81,032	556,340	-----	12,712	172,355	396,697	2,354,444	641,161	1,769,715	30.6	722,027	542,308	194,941	737,249

CHICKENS

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¹ Does not include commercial broiler production.

² Total chicks hatched, less death loss of chicks and young chickens during the year.

³ Death loss during the year of mature chickens on hand Jan. 1.

⁴ Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

⁵ Change in Jan. 1 inventory numbers during the year.

⁶ Chickens consumed in households of farm producers.

⁷ Value of sales, plus value of those consumed in households of producers.

Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics 1942, table 646.

TABLE 565.—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1947¹

State and division	Number						Pounds			Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms ⁶	Gross income ⁷	
	Raised ²	Loss of mature birds ³	Pro-duced ⁴	Change in inventory ⁵		Con- sumed in farm house- hold ⁶	Sold	Pro-duced	Con- sumed in farm house- hold ⁶						Sold
				In- crease	De- crease										
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	4,754	351	4,403	194	424	3,785	22,726	2,035	19,682	30.4	6,909	5,983	619	6,602	
New Hampshire.....	4,457	352	4,105	-----	247	3,910	20,426	1,136	19,550	31.3	6,393	6,119	356	6,475	
Vermont.....	1,722	136	1,586	26	242	1,318	8,247	1,258	6,854	31.1	2,565	2,132	391	2,523	
Massachusetts.....	8,179	711	7,468	-----	718	6,994	37,943	3,518	35,669	32.4	12,294	11,557	1,140	12,697	
Rhode Island.....	839	79	760	-----	96	664	4,047	461	3,586	32.6	1,319	1,169	150	1,319	
Connecticut.....	5,077	466	4,611	63	492	4,056	23,369	2,362	20,686	32.6	7,618	6,744	770	7,514	
New York.....	21,729	2,147	19,582	1,291	2,596	15,695	95,952	12,720	76,906	33.0	31,664	25,379	4,198	29,577	
New Jersey.....	14,014	2,136	11,878	11	953	10,914	53,642	4,479	49,113	34.3	18,399	16,846	1,536	18,382	
Pennsylvania.....	35,353	5,063	30,290	-----	545	3,832	27,003	145,775	129,614	32.4	47,231	41,995	6,084	48,079	
North Atlantic.....	96,124	11,441	84,683	744	-----	9,600	74,339	412,127	46,746	361,660	32.6	134,392	117,924	15,244	133,168
Ohio.....	29,576	3,344	26,232	-----	562	6,203	20,591	122,671	28,534	96,778	29.2	35,820	28,259	8,332	36,591
Indiana.....	32,748	3,161	29,587	-----	8	5,627	23,968	132,724	22,508	110,253	26.6	35,305	29,327	5,987	35,314
Illinois.....	36,148	4,380	31,768	-----	772	6,949	25,591	144,049	29,881	117,719	26.8	38,605	31,649	8,008	39,557
Michigan.....	19,676	2,333	17,343	-----	832	3,535	14,640	81,512	16,614	68,808	28.6	23,312	19,579	4,752	24,431
Wisconsin.....	22,533	3,235	19,298	-----	265	4,351	15,212	84,476	18,709	66,933	25.5	21,541	17,068	4,771	21,839
East North Central.....	140,681	16,453	124,228	-----	2,439	26,665	100,002	565,432	116,246	460,491	27.3	154,583	125,882	31,850	157,732
Minnesota.....	41,534	4,628	36,906	-----	572	5,537	31,941	162,386	24,363	140,540	20.8	33,776	29,232	5,068	34,300
Iowa.....	54,169	5,971	48,198	-----	1,489	7,520	42,167	228,343	33,088	202,402	23.9	54,574	48,374	7,908	56,282
Missouri.....	39,175	3,266	35,909	-----	423	7,904	28,428	148,085	27,664	122,240	23.8	35,244	29,093	6,584	35,677
North Dakota.....	8,902	1,063	7,839	-----	294	1,965	6,168	35,664	8,056	28,990	20.7	7,382	6,001	1,668	7,669
South Dakota.....	16,588	1,811	14,777	-----	183	2,766	12,194	66,591	11,341	56,092	21.1	14,051	11,835	2,393	14,228
Nebraska.....	28,536	2,815	25,721	-----	682	5,757	20,646	107,146	21,301	88,778	21.5	23,036	19,087	4,580	23,667
Kansas.....	27,148	2,968	24,180	-----	946	6,515	18,611	95,880	23,454	76,305	22.2	21,285	16,940	5,207	22,147
West North Central.....	216,052	22,522	193,530	-----	4,589	37,964	160,155	844,095	149,267	715,347	22.4	189,348	160,562	33,408	193,970

Delaware.....	2,369	241	2,128	23	338	1,813	8,938	1,420	7,615	30.5	2,726	2,323	433	2,756
Maryland.....	7,288	858	6,430	135	1,620	4,945	27,164	6,480	21,264	31.8	8,638	6,762	2,061	8,823
Virginia.....	13,455	1,740	11,715	282	6,651	5,346	45,559	23,278	23,522	29.9	13,622	7,033	6,960	13,993
West Virginia.....	5,250	642	4,608	326	1,943	2,991	19,692	7,966	13,160	30.1	5,927	3,961	2,398	6,359
North Carolina.....	20,100	2,180	17,920	1,579	9,491	10,008	67,777	33,218	41,033	28.5	19,316	11,694	9,467	21,161
South Carolina.....	9,423	1,066	8,357	425	6,358	2,424	28,577	20,981	9,211	33.2	9,488	3,058	6,966	10,024
Georgia.....	14,247	1,851	12,396	617	7,181	5,832	42,274	22,979	21,578	30.8	13,020	6,646	7,078	13,724
Florida.....	4,765	716	4,049	43	1,306	2,786	13,911	4,310	9,751	39.2	5,453	3,822	1,690	5,512
South Atlantic.....	76,897	9,294	67,603	3,430	34,888	36,145	253,892	120,632	147,134	30.8	78,190	45,299	37,053	82,352
Kentucky.....	20,528	2,017	18,511	109	8,496	10,124	72,800	29,736	43,533	25.1	18,273	10,927	7,464	18,391
Tennessee.....	17,657	1,845	15,812	515	6,692	9,635	61,057	22,753	40,467	25.4	15,508	10,279	5,779	16,058
Alabama.....	14,404	1,382	13,022	539	7,417	6,144	40,946	20,768	22,118	29.2	11,956	6,458	6,064	12,522
Mississippi.....	14,474	1,332	13,142	368	5,288	8,222	40,467	15,335	26,310	30.2	12,221	7,946	4,631	12,577
Arkansas.....	13,707	1,098	12,609	536	4,080	9,065	43,797	12,420	33,540	25.2	11,037	8,452	3,084	11,536
Louisiana.....	9,029	910	8,119	494	4,556	4,057	29,585	16,240	15,011	36.6	10,828	5,494	6,003	11,497
Oklahoma.....	20,206	2,380	17,826	73	6,316	11,683	63,949	20,211	44,015	22.5	14,389	9,903	4,547	14,450
Texas.....	40,437	6,419	34,018	826	11,414	23,430	114,497	35,383	82,005	24.9	28,510	20,419	8,810	29,229
South Central.....	150,442	17,383	133,059	3,460	54,259	82,260	467,098	172,828	306,999	26.0	122,722	79,878	46,382	126,260
Montana.....	3,714	414	3,300	173	1,293	2,180	13,874	5,043	9,592	28.3	3,926	2,715	1,427	4,142
Idaho.....	4,036	504	3,532	68	1,167	2,433	14,368	4,435	10,219	26.3	3,779	2,688	1,166	3,854
Wyoming.....	1,239	156	1,083	43	501	625	4,448	2,004	2,625	30.5	1,357	801	611	1,412
Colorado.....	6,524	671	5,853	39	1,788	4,124	21,888	6,365	15,671	26.9	5,888	4,215	1,712	5,927
New Mexico.....	2,131	251	1,880	22	818	1,040	6,678	2,536	4,056	24.0	1,603	973	609	1,582
Arizona.....	1,092	174	918	63	399	456	3,277	1,357	1,687	33.7	1,104	569	457	1,026
Utah.....	4,716	667	4,049	-----	459	3,590	14,080	1,515	12,565	27.2	3,830	3,418	412	3,830
Nevada.....	406	67	339	-----	106	233	1,303	371	932	28.0	365	261	104	365
Washington.....	9,355	902	8,453	177	2,050	6,580	31,481	7,790	24,346	29.1	9,161	7,085	2,267	9,352
Oregon.....	5,401	763	4,638	1	1,306	3,333	20,146	5,485	14,665	27.8	5,601	4,077	1,525	5,602
California.....	26,591	3,373	23,218	699	3,169	19,350	78,942	10,775	65,790	32.4	25,577	21,316	3,491	24,807
Western.....	65,205	7,942	57,263	283	13,036	43,944	210,485	47,676	162,148	29.7	62,191	48,118	13,781	61,899
United States.....	745,401	85,035	660,366	12,891	176,412	496,845	2,753,129	653,395	2,153,779	26.8	741,426	577,663	177,718	755,381

¹ Does not include commercial broiler production.

² Total chicks hatched, less death loss of chicks and young chickens during he year.

³ Death loss during the year of mature chickens on hand Jan. 1.

⁴ Chickens raised, less death loss during the year of mature chickens on hand an. 1.

⁵ Change in Jan. 1 inventory numbers during the year.

⁶ Chickens consumed in households of farm producers.

⁷ Value of sales, plus value of those consumed in households of producers.

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TABLE 566.—Chickens: Farm production, disposition, cash receipts, and gross income, by States, 1948¹

State and division	Number						Pounds			Farm price per pound	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms ⁶	Gross income ⁷	
	Raised ²	Loss of mature birds ³	Produced ⁴	Change in inventory ⁵		Consumed in farm household ⁶	Sold	Produced	Consumed in farm household ⁶						Sold
				Increase	Decrease										
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	4,516	355	4,161	67	416	3,678	21,845	1,997	19,493	34.0	7,427	6,628	679	7,307	
New Hampshire.....	3,788	321	3,467	81	269	3,279	17,894	1,264	17,051	36.3	6,496	6,190	459	6,649	
Vermont.....	1,560	140	1,410	36	266	1,180	7,499	1,436	6,254	34.1	2,557	2,133	490	2,623	
Massachusetts.....	7,361	725	6,636	91	704	6,023	34,890	3,450	31,922	36.7	12,805	11,715	1,266	12,981	
Rhode Island.....	797	79	718	14	96	636	3,777	480	3,371	37.6	1,420	1,267	180	1,447	
Connecticut.....	4,823	509	4,314	37	482	3,869	21,905	2,362	19,732	37.5	8,214	7,400	886	8,286	
New York.....	19,556	2,161	17,395	786	2,648	15,533	86,975	13,240	77,665	36.6	31,833	28,425	4,846	33,271	
New Jersey.....	12,052	2,138	9,914	963	953	7,998	46,596	4,479	37,591	37.6	17,520	14,134	1,684	15,818	
Pennsylvania.....	32,878	4,949	27,929	534	3,870	23,525	137,239	19,350	115,272	35.8	49,132	41,267	6,927	48,194	
North Atlantic.....	87,321	11,377	75,944	519	9,704	65,721	378,620	48,058	328,351	36.3	137,404	119,159	17,417	136,576	
Ohio.....	24,252	3,630	20,622	697	6,017	15,302	99,243	27,678	74,980	33.1	32,849	24,818	9,161	33,979	
Indiana.....	26,853	2,984	23,869	41	5,177	18,733	111,464	21,743	89,918	30.4	33,855	27,335	6,610	33,945	
Illinois.....	30,003	4,011	25,992	857	6,880	19,969	121,321	29,584	95,851	31.5	38,216	30,193	9,319	39,512	
Michigan.....	17,512	2,175	15,337	529	3,464	12,402	74,805	16,627	60,770	33.4	24,985	20,297	5,553	25,850	
Wisconsin.....	18,702	3,010	15,692	356	4,525	11,523	70,162	19,910	51,584	30.0	21,049	15,556	5,973	21,529	
East North Central.....	117,322	15,810	101,512	2,480	26,063	77,929	476,995	115,542	373,373	31.7	150,984	118,199	36,616	154,815	
Minnesota.....	29,904	4,536	25,368	1,467	5,426	21,409	115,607	23,874	98,481	25.8	29,827	25,408	6,159	31,567	
Iowa.....	40,627	5,581	35,246	1,445	6,693	29,998	170,028	30,118	146,990	27.2	46,248	39,981	8,192	48,173	
Missouri.....	31,340	3,207	28,133	419	7,509	21,043	117,777	27,032	92,589	27.7	32,624	25,647	7,488	33,155	
North Dakota.....	6,409	1,004	5,405	514	1,867	4,052	25,364	8,028	19,855	24.1	6,113	4,785	1,935	6,720	
South Dakota.....	11,943	1,683	10,260	913	2,351	8,822	46,811	9,639	41,463	25.2	11,796	10,449	2,429	12,778	
Nebraska.....	21,402	2,692	18,710	1,350	5,239	14,821	79,704	20,432	65,212	25.4	20,245	16,564	5,190	21,764	
Kansas.....	21,175	2,798	18,377	634	6,450	12,561	72,668	22,575	52,756	24.9	18,094	13,136	5,621	18,767	
West North Central.....	162,800	21,301	141,499	6,742	35,535	112,706	627,959	141,698	517,346	26.3	164,947	135,970	37,014	172,984	

Delaware.....	2,061	236	1,825	48	308	1,565	7,999	1,324	6,886	36.2	2,896	2,493	479	2,972
Maryland.....	6,559	789	5,770	145	1,523	4,392	24,931	6,244	19,325	36.7	9,150	7,092	2,292	9,384
Virginia.....	12,110	1,692	10,418	240	6,584	4,074	39,914	23,044	17,926	34.6	13,890	6,238	8,019	14,257
West Virginia.....	5,250	633	4,617	2	1,943	2,676	19,537	7,772	11,774	32.0	6,252	3,768	2,487	6,255
North Carolina.....	18,894	2,001	16,893	315	9,016	7,562	63,737	30,654	31,760	30.7	19,567	9,750	9,411	19,161
South Carolina.....	8,952	883	8,069	123	6,040	2,152	28,247	20,536	8,178	35.2	9,943	2,879	7,229	10,108
Georgia.....	13,677	1,555	12,122	266	7,755	4,633	41,848	24,816	18,069	33.0	13,810	5,963	8,189	14,152
Florida.....	4,431	649	3,782	80	1,280	2,422	13,553	4,096	8,961	36.8	4,914	3,298	1,507	4,805
South Atlantic.....	71,934	8,438	63,496	429	34,449	29,476	239,566	118,486	122,879	33.8	80,422	41,481	39,613	81,094
Kentucky.....	19,091	1,881	17,210	128	8,241	9,097	67,483	28,019	40,027	27.1	18,288	10,847	7,593	18,440
Tennessee.....	16,774	1,763	15,011	324	6,692	8,643	59,194	23,422	37,165	27.4	16,219	10,183	6,418	16,601
Alabama.....	12,820	1,376	11,444	230	7,046	4,628	36,441	19,729	17,586	29.5	10,750	5,188	5,820	11,008
Mississippi.....	14,763	1,195	13,568	73	5,394	8,247	44,790	16,182	28,864	31.8	14,243	9,179	5,146	14,325
Arkansas.....	11,925	1,096	10,829	330	4,121	7,038	38,524	12,363	27,448	31.5	12,135	8,646	3,894	12,540
Louisiana.....	9,210	826	8,384	142	4,556	3,686	30,565	16,402	13,638	37.6	11,492	5,128	6,167	11,295
Oklahoma.....	16,569	2,027	14,542	866	5,811	9,597	52,646	18,695	37,428	25.9	13,635	9,694	4,816	14,510
Texas.....	34,371	5,954	28,417	2,581	11,528	19,470	95,384	34,684	70,092	27.0	25,754	18,925	9,338	28,263
South Central.....	135,523	16,118	119,405	4,390	53,389	70,406	425,027	169,296	272,248	28.6	122,516	77,790	49,192	126,982
Montana.....	3,528	417	3,111	119	1,164	1,947	13,028	4,656	8,372	33.2	4,325	2,780	1,546	4,326
Idaho.....	3,753	511	3,242	36	1,132	2,229	13,375	4,302	9,585	28.8	3,852	2,760	1,239	3,999
Wyoming.....	1,115	140	975	106	451	560	4,012	1,759	2,408	30.9	1,240	744	544	1,288
Colorado.....	5,480	663	4,817	39	1,765	3,155	18,561	6,365	12,620	29.9	5,550	3,773	1,903	5,676
New Mexico.....	1,875	244	1,631	64	934	5,846	3,101	2,355	3,643	25.8	1,508	940	608	1,548
Arizona.....	1,018	168	848	5	359	543	3,101	1,292	2,009	37.2	1,154	747	481	1,228
Utah.....	4,952	667	4,285	47	519	3,719	15,647	1,713	13,760	27.8	4,350	3,825	476	4,301
Nevada.....	406	63	343	162	108	230	1,340	400	920	29.9	401	275	120	395
Washington.....	8,887	923	7,964	151	2,255	5,558	31,059	8,794	21,676	29.8	9,256	6,459	2,621	9,080
Oregon.....	5,401	693	4,708	162	1,332	3,628	20,448	5,594	15,523	32.5	6,646	5,045	1,818	6,863
California.....	26,059	3,499	22,560	1,113	3,391	18,056	79,860	10,851	65,002	34.4	27,472	22,361	3,733	26,094
Western.....	62,472	7,988	54,484	810	13,215	40,459	206,277	48,081	155,518	32.0	65,754	49,709	15,089	64,798
United States.....	637,372	81,032	556,340	12,712	172,355	396,697	2,354,444	641,161	1,769,715	30.6	722,027	542,308	194,941	737,249

CHICKENS

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¹ Does not include commercial broiler production.

² Total chicks hatched, less death loss of chicks and young chickens during the year.

³ Death loss during the year of mature chickens on hand Jan. 1.

⁴ Chickens raised, less death loss during the year of mature chickens on hand Jan. 1.

⁵ Change in Jan. 1 inventory numbers during the year.

⁶ Chickens consumed in households of farm producers.

⁷ Value of sales, plus value of those consumed in households of producers.

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TABLE 567.—*Chickens: Sales and average live weight of farm chickens sold, United States, 1939-48*¹

Year	Chickens sold			Average live weight		Pounds of chicken sold	
	Total	Young	Mature	Young	Mature	Young	Mature
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	376, 583	240, 325	136, 258	3.3	5.0	804, 956	676, 250
1940.....	369, 846	185, 415	184, 431	3.3	4.9	611, 986	896, 119
1941.....	412, 322	246, 835	165, 487	3.4	5.1	836, 471	836, 081
1942.....	493, 043	295, 728	197, 315	3.5	5.1	1, 034, 390	1, 012, 076
1943.....	682, 937	411, 504	271, 433	3.5	5.1	1, 441, 980	1, 394, 155
1944.....	611, 901	299, 155	312, 746	3.6	5.1	1, 063, 306	1, 581, 771
1945.....	621, 415	338, 334	283, 081	3.6	5.1	1, 224, 203	1, 446, 022
1946.....	525, 963	275, 560	250, 403	3.6	5.2	992, 352	1, 294, 683
1947.....	496, 845	283, 906	212, 939	3.7	5.2	1, 041, 964	1, 111, 815
1948.....	396, 697	196, 560	200, 137	3.6	5.3	714, 732	1, 054, 983

¹ Does not include commercial broiler production.

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TABLE 568.—*Chickens: Commercial broiler production and gross income, United States, 1934-48*¹

Year	Production		Price per pound	Gross income ²	Year	Production		Price per pound	Gross income ²
	Number	Pounds				Number	Pounds		
	<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>		<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>
1934.....	34, 030	96, 662	19. 3	18, 694	1942.....	228, 187	674, 087	22. 9	154, 650
1935.....	42, 890	122, 884	20. 1	24, 651	1943.....	285, 293	832, 837	28. 6	238, 262
1936.....	53, 155	152, 447	20. 7	31, 493	1944.....	264, 999	790, 346	28. 7	227, 104
1937.....	67, 915	195, 916	21. 4	41, 876	1945.....	345, 598	1, 044, 322	29. 5	308, 521
1938.....	82, 420	239, 508	19. 0	45, 609	1946.....	275, 600	828, 607	32. 6	270, 015
1939.....	105, 630	306, 272	17. 0	52, 059	1947.....	295, 333	886, 179	32. 1	284, 285
1940.....	142, 762	414, 074	17. 3	71, 729	1948.....	350, 773	1, 062, 201	35. 9	381, 117
1941.....	191, 502	559, 605	18. 4	103, 111					

¹ By commercial broiler is meant young chickens of the heavy breeds, to be marketed at from 2 to 4 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

² Includes value of consumption in households of producers, which is less than 1 percent of total production.

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TABLE 569.—Chickens: Commercial broiler production, and gross income, by States, 1947 and 1948¹

State and division	1947				1948			
	Production		Price per pound	Gross income ²	Production		Price per pound	Gross income ²
	Number	Pounds			Number	Pounds		
	<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>	<i>Thousands</i>	<i>1,000 lb.</i>	<i>Cents</i>	<i>1,000 dol.</i>
Maine.....	2,300	8,740	29.0	2,535	3,220	12,558	35.0	4,395
New Hampshire.....	2,700	9,180	28.5	2,616	3,321	11,624	35.0	4,068
Vermont.....	333	1,099	30.0	330	400	1,480	35.0	518
Massachusetts.....	4,980	16,932	32.0	5,418	6,374	23,584	36.0	8,490
Rhode Island.....	485	1,698	33.0	560	606	2,242	37.0	830
Connecticut.....	7,840	26,656	33.5	8,930	9,800	36,260	37.0	13,416
New York.....	5,435	16,305	34.0	5,544	6,794	22,420	37.0	8,295
New Jersey.....	3,631	11,619	33.0	3,834	4,176	14,198	39.0	5,537
Pennsylvania.....	6,079	20,669	32.5	6,717	7,903	27,660	36.0	9,958
North Atlantic.....	33,783	112,898	32.3	36,484	42,504	152,026	36.5	55,507
Ohio.....	3,257	10,422	33.0	3,439	3,583	11,107	37.5	4,165
Indiana.....	7,039	22,525	33.9	7,636	9,503	28,509	37.5	10,691
Illinois.....	7,092	19,858	33.5	6,652	7,872	22,042	38.0	8,376
Michigan.....	1,104	3,533	34.0	1,201	1,104	3,643	39.0	1,421
Wisconsin.....	3,683	11,049	35.0	3,867	4,235	12,705	38.0	4,828
East North Central.....	22,175	67,387	33.8	22,795	26,297	78,006	37.8	29,481
Minnesota.....	1,258	3,774	35.0	1,321	1,384	4,152	38.0	1,578
Iowa.....	2,609	8,871	29.0	2,573	4,018	14,063	35.0	4,922
Missouri.....	2,258	6,774	32.0	2,168	5,080	15,240	35.0	5,334
Kansas.....	795	2,146	28.5	612	1,034	2,895	35.0	1,013
West North Central.....	6,920	21,565	30.9	6,674	11,516	36,350	35.3	12,847
Delaware.....	53,783	166,727	30.3	50,518	53,245	165,060	35.1	57,936
Maryland.....	34,444	110,221	29.7	32,736	38,233	122,346	34.7	42,454
Virginia.....	23,640	70,920	30.5	21,631	26,477	82,079	35.4	29,056
West Virginia.....	8,441	27,011	32.0	8,644	11,817	38,996	35.0	13,649
North Carolina.....	16,182	45,310	32.9	14,907	18,286	53,029	34.7	18,401
South Carolina.....	3,848	8,705	37.0	3,221	3,951	10,273	38.0	3,904
Georgia.....	28,717	77,536	31.2	24,191	33,025	85,865	33.9	29,108
Florida.....	6,800	15,484	42.0	6,503	7,276	18,190	39.0	7,094
South Atlantic.....	175,355	521,914	31.1	162,351	192,310	575,838	35.0	201,602
Kentucky.....	1,090	3,270	31.0	1,014	1,090	3,052	38.0	1,160
Tennessee.....	1,854	4,820	38.6	1,861	2,596	6,490	39.0	2,531
Alabama.....	4,796	11,510	38.0	4,374	5,995	14,988	36.0	5,396
Mississippi.....	3,400	9,860	34.0	3,352	5,984	16,157	36.0	5,817
Arkansas.....	15,628	45,321	31.8	14,412	24,067	67,388	35.5	23,923
Louisiana.....	1,244	3,234	41.0	1,326	1,617	4,042	43.0	1,738
Oklahoma.....	704	2,112	34.0	718	1,056	2,851	35.0	998
Texas.....	10,603	26,508	33.0	8,748	14,208	36,941	38.3	14,148
South Central.....	39,319	106,635	33.6	35,805	56,613	151,909	36.7	55,711
Arizona.....	450	1,260	41.0	517	729	2,041	41.0	837
Washington.....	3,130	9,077	36.0	3,268	3,756	11,644	38.0	4,425
Oregon.....	971	3,107	37.0	1,150	1,214	4,006	39.0	1,562
California.....	13,230	42,336	36.0	15,241	15,744	50,381	38.0	19,145
Western.....	17,781	55,780	36.2	20,176	21,443	68,072	38.1	25,969
United States.....	295,333	886,179	32.1	284,285	350,773	1,062,201	35.9	381,117

¹ By commercial broiler is meant young chickens of the heavy breeds, to be marketed at from 2 to 4 pounds live weight and from which no pullets are kept for egg production. These figures are not included in farm production of chickens.

² Includes value of consumption in households of producers, which is less than 1 percent of total production.

TABLE 570.—Chicks hatched by commercial hatcheries, average price, and value of production, by States, 1947 and 1948

State and division	Chicks hatched		Average price of baby chicks per 100 ¹		Value of chick production	
	1947	1948	1947	1948	1947	1948
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	7,420	7,301	19.30	21.00	1,432	1,533
New Hampshire.....	24,755	26,892	17.80	22.00	4,406	5,916
Vermont.....	1,742	1,453	18.90	21.10	329	307
Massachusetts.....	23,090	23,502	20.20	24.00	4,664	5,640
Rhode Island.....	2,560	2,341	22.00	25.30	563	592
Connecticut.....	28,480	31,809	21.20	23.30	6,038	7,411
New England.....	88,047	93,298	19.80	22.80	17,432	21,399
New York.....	23,350	22,043	20.20	22.90	4,717	5,048
New Jersey.....	28,253	26,233	18.90	24.40	5,340	6,401
Pennsylvania.....	60,620	55,800	16.70	18.50	10,124	10,323
Middle Atlantic.....	112,223	104,076	18.10	20.90	20,181	21,772
Ohio.....	54,500	53,000	16.80	19.90	9,156	10,547
Indiana.....	89,000	84,760	15.70	17.70	13,973	15,003
Illinois.....	102,500	92,250	15.40	16.80	15,785	15,498
Michigan.....	25,500	20,500	18.30	21.70	4,666	4,448
Wisconsin.....	23,326	19,100	20.10	22.20	4,689	4,240
East North Central.....	294,826	269,610	16.90	19.20	48,269	49,736
Minnesota.....	63,501	44,500	19.40	23.60	12,319	10,502
Iowa.....	91,440	74,985	15.90	20.10	14,539	15,072
Missouri.....	84,000	82,000	13.40	15.30	11,256	12,546
North Dakota.....	6,300	4,740	16.40	19.50	1,033	924
South Dakota.....	17,850	13,500	16.10	18.20	2,874	2,457
Nebraska.....	31,078	27,500	14.70	16.60	4,568	4,565
Kansas.....	36,800	30,250	14.00	15.80	5,152	4,780
West North Central.....	330,969	277,475	15.80	18.80	51,741	50,846
Delaware.....	34,131	42,076	18.00	16.10	6,144	6,774
Maryland.....	48,974	66,342	15.20	17.90	7,444	11,875
Virginia.....	30,913	43,242	14.70	15.90	5,426	6,875
West Virginia.....	5,713	6,427	16.30	19.10	931	1,228
North Carolina.....	35,640	38,984	14.40	15.60	5,132	6,082
South Carolina.....	6,740	7,390	12.70	14.40	856	1,064
Georgia.....	45,250	54,700	12.70	14.40	5,747	7,877
Florida.....	13,000	13,800	16.50	19.60	2,145	2,705
South Atlantic.....	226,361	272,961	14.50	16.10	33,825	44,480
Kentucky.....	11,483	10,100	14.20	14.70	1,631	1,485
Tennessee.....	11,898	11,085	14.30	14.30	1,701	1,685
Alabama.....	9,220	9,110	13.80	15.20	1,272	1,385
Mississippi.....	7,900	8,800	13.80	13.80	1,090	1,214
Arkansas.....	8,177	16,068	13.10	13.70	1,071	2,201
Louisiana.....	5,100	5,076	14.10	15.10	719	766
Oklahoma.....	24,600	20,000	13.50	15.60	3,321	3,120
Texas.....	54,700	51,300	14.00	15.60	7,658	8,003
South Central.....	133,078	131,539	13.87	15.00	18,463	19,759
Montana.....	2,013	1,985	17.20	19.30	346	383
Idaho.....	3,096	2,855	19.50	23.20	604	662
Wyoming.....	471	425	14.40	18.60	68	79
Colorado.....	6,300	5,700	15.60	17.60	983	1,003
New Mexico.....	945	837	14.30	16.50	135	138
Arizona.....	1,328	1,070	19.50	22.80	259	244
Utah.....	1,875	2,170	26.30	23.20	493	503
Nevada.....	92	95	21.70	24.20	20	23
Mountain.....	16,120	15,137	18.80	20.30	2,908	3,035
Washington.....	15,775	19,100	24.60	28.60	3,881	5,468
Oregon.....	7,800	9,200	22.20	24.60	1,732	2,263
California.....	64,394	69,949	20.70	24.50	13,330	17,138
Pacific.....	87,969	98,249	21.70	25.50	18,943	24,864
United States.....	1,289,593	1,262,345	16.40	18.70	211,762	235,891

¹ Season average to May 1.

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TABLE 571.—Chicks hatched by commercial hatcheries, average price, and value of production, United States, 1930-48

Year	Chicks hatched ¹	Average price of baby chicks per 100 ²	Value of chick production	Year	Chicks hatched ¹	Average price of baby chicks per 100 ²	Value of chick production
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1930.....	671,576	12.41	83,343	1940.....	859,341	8.70	74,763
1931.....	516,220	10.29	53,119	1941.....	1,093,300	9.01	98,506
1932.....	537,361	8.07	43,364	1942.....	1,280,290	11.33	145,057
1933.....	584,547	7.34	42,906	1943.....	1,609,121	13.90	223,076
1934.....	525,947	8.06	42,391	1944.....	1,288,491	15.00	192,708
1935.....	649,720	8.62	56,006	1945.....	1,620,773	15.50	251,675
1936.....	790,749	9.00	71,167	1946.....	1,265,538	15.70	198,263
1937.....	687,595	8.80	60,508	1947.....	1,289,593	16.40	211,762
1938.....	785,687	8.95	70,319	1948.....	1,262,345	18.70	235,891
1939.....	916,404	8.83	80,918				

¹ In recent years, about 68 percent of the eggs set produced chicks.

² Season average to May 1.

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TABLE 572.—Poultry-feed price ratios, and poultry ration costs, United States, average 1938-47, annual 1939-48 and by geographic divisions, 1947 and 1948

Year	Ratios ¹				Division	Ratios ¹						Poultry ration costs per 100 lb. ²	
	Egg-feed	Chicken-feed	Turkey-feed	Poultry ration costs per 100 lb. ²		Egg-feed		Chicken-feed		Turkey-feed		1947	1948
						1947	1948	1947	1948	1947	1948		
1938-47 average..	Lb.	Lb.	Lb.	Dol.		Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Dol.	Dol.
1939.....	12.7	8.4	9.8	2.50	New England.....	13.0	13.7	6.8	7.3	8.3	9.2	4.78	4.98
1940.....	11.9	8.8	10.4	1.54	Middle Atlantic.....	12.7	13.5	7.5	7.9	9.2	10.8	4.44	4.60
1941.....	11.5	7.8	8.4	1.68	East North Central.....	10.8	11.1	6.8	7.4	8.2	10.0	4.12	4.22
1942.....	13.5	8.5	9.2	1.83	West North Central.....	10.2	10.5	6.0	6.5	8.2	10.8	3.82	3.89
1943.....	14.2	8.5	9.8	2.21	South Atlantic.....	11.2	11.5	6.7	7.1	8.1	9.4	4.60	4.75
1944.....	14.5	9.1	11.1	2.66	East South Central.....	10.4	10.7	6.2	6.4	7.8	8.6	4.35	4.49
1945.....	11.5	8.2	10.8	2.94	West South Central.....	10.6	10.7	6.2	6.7	6.6	8.2	4.10	4.27
1946.....	13.4	8.9	10.5	2.91	Mountain.....	12.0	12.3	6.7	7.1	8.3	10.2	4.05	4.12
1947.....	11.3	7.7	9.7	3.47	Pacific.....	12.4	12.3	6.9	7.1	6.7	9.2	4.45	4.68
1948.....	11.1	6.5	7.7	4.17									
	11.4	7.0	9.8	4.29	United States.....	11.1	11.4	6.5	7.0	7.7	9.8	4.17	4.29

¹ Number of pounds of poultry ration equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey, live weight. Simple average of monthly ratios.

² Simple average of monthly ration costs.

Bureau of Agricultural Economics.

TABLE 573.—Chickens: Number in specified countries, average 1934-38, annual 1947 and 1948

Continent and country	Month of estimate	Average 1934-38	1947	1948
North America:		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Canada.....	Dec. 1 ¹	44,077	54,728	47,310
Guatemala.....		² 664		
Mexico.....	March	² 36,368		
Newfoundland and Labrador.....		¹ 387	377	
Panama.....		² 195	1,528	
United States.....	Jan. 1	408,177	474,441	461,550
Cuba.....	July		10,000	9,000
Dominican Republic.....		2,358	1,900	
Europe:				
Albania.....		2,060		
Austria.....	Dec. 3 ¹	² 8,862	5,400	5,800
Belgium.....	Dec. 31 ¹	16,500	13,333	13,500
Bulgaria.....	Dec. 31 ¹	¹ 11,814		

See footnotes at end of table.

TABLE 573.—Chickens: Number in specified countries, average 1934-38, annual 1947 and 1948—Continued

Continent and country	Month of estimate	Average 1934-38	1947	1948
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Czechoslovakia.....	May 27	² 31, 875	⁶ 10, 660	⁶ 11, 982
Denmark.....	July	² 27, 643	19, 415	23, 816
Erie (Ireland).....	June	15, 961	14, 537	17, 079
Finland ⁷	Sept. 1	2, 853	-----	-----
France ⁸	Fall ¹	145, 000	145, 500	-----
Germany.....	Dec. ¹	86, 624	-----	-----
Greece ⁹	Nov. 30 ¹	11, 679	7, 500	8, 200
Hungary.....	Feb. 28	⁵ 17, 880	-----	-----
Italy.....	-----	76, 000	¹⁰ 50, 613	-----
Luxembourg.....	Dec. 1 ¹	² 515	350	380
Netherlands.....	June	29, 632	¹¹ 7, 315	9, 387
Norway.....	June 20	5, 686	3, 768	4, 663
Poland and Danzig.....	July	50, 000	26, 829	39, 000
Portugal.....	Dec. 31 ¹	¹² 5, 716	-----	-----
Rumania.....	-----	² 31, 853	-----	-----
Spain.....	July 1	¹³ 28, 972	-----	37, 200
Sweden.....	Sept. 16	10, 980	¹⁴ 12, 395	¹⁴ 13, 991
Switzerland.....	April	5, 544	5, 025	-----
United Kingdom—farm.....	June	73, 402	64, 880	79, 200
Yugoslavia.....	June	-----	81, 526	-----
Yugoslavia.....	Dec. 31 ¹	18, 021	-----	-----
Asia:				
Lebanon.....	Dec. ¹	-----	1, 450	-----
Palestine.....	-----	² 1, 914	-----	-----
Syria.....	-----	1, 525	1, 826	1, 900
Turkey.....	-----	16, 794	18, 514	17, 303
China.....	-----	265, 765	204, 115	-----
Japan.....	July	51, 094	-----	-----
India.....	-----	-----	-----	173, 273
Philippine Islands.....	-----	25, 365	-----	23, 000
South America:				
Argentina.....	June	¹⁵ 42, 988	-----	-----
Brazil.....	-----	⁴ 59, 000	-----	60, 000
Chile.....	June	² 1, 026	4, 500	3, 600
Paraguay.....	-----	-----	2, 000	-----
Uruguay.....	-----	¹⁵ 4, 814	-----	-----
Africa:				
Egypt.....	July	¹² 26, 889	-----	-----
French Morocco.....	-----	² 50, 000	-----	-----
Union of South Africa.....	Aug	¹⁵ 14, 000	16, 000	-----
Oceania:				
Australia.....	Dec. 31 ¹	15, 541	-----	-----
New Zealand.....	March	¹² 3, 489	-----	-----

¹ End of year estimates (October to December) included under the following year for comparison. Thus, for Canada, the Dec. 1, 1946, estimate of 54,728,000 is shown under 1947.

² Average for 2 to 4 years only.

³ 1940.

⁴ 1938.

⁵ 1935.

⁶ Jan. 1.

⁷ Adult poultry.

⁸ Represents chickens raised.

⁹ All poultry.

¹⁰ Hens and cocks.

¹¹ December previous year; hens and pullets.

¹² 1936.

¹³ 1939.

¹⁴ June.

¹⁵ 1937.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U. S. Foreign Service officers, results of office research, and other information. Data relate to prewar boundaries, unless otherwise noted.

TABLE 574.—*Poultry, live: Receipts at 5 markets, by rail and truck, 1939-48*

Year	New York			Chicago			San Francisco		
	Rail	Truck ¹	Total	Rail	Truck ¹	Total	Rail	Truck ¹	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	42,432	79,936	122,368	8,386	57,064	65,450	735	16,588	17,323
1940.....	39,600	86,960	126,560	5,642	58,506	64,148	417	16,669	17,086
1941.....	26,480	86,016	112,496	4,802	59,892	64,694	252	15,993	16,245
1942.....	25,120	94,624	119,744	7,210	58,156	65,366	88	14,739	14,827
1943.....	24,838	117,874	142,712	11,497	33,327	44,824	2,215	10,462	12,677
1944.....	18,956	114,076	133,032	14,437	35,912	50,349	1,485	12,691	14,176
1945.....	16,031	90,788	106,819	11,689	25,688	37,377	530	12,120	12,650
1946.....	18,535	133,532	152,067	9,541	38,813	48,354	971	16,019	16,990
1947.....	9,464	126,410	135,874	5,162	44,514	49,676	762	16,924	17,686
1948.....	2,710	125,385	128,095	3,357	48,403	51,760	313	16,851	17,164
				Philadelphia			Boston		
1944.....				1,387	36,409	37,796	2,251	11,014	13,265
1945.....				729	31,277	32,006	432	8,273	8,705
1946.....				981	34,298	35,279	355	9,380	9,735
1947.....				954	33,427	34,381	401	7,884	8,285
1948.....				789	25,262	26,051	254	8,201	8,455

¹ Truck receipts do not include all truck arrivals, as it is impossible to obtain reports from all receivers.

Production and Marketing Administration.

TABLE 575.—*Poultry, live: Price per pound, Chicago, 1939-48*

Class and year	Roasters ¹		Fryers ²		Broilers		Fowl		
	White Rock	Colored	White Rock	Colored	White Rock	Colored	Heavy	Medium	Leghorn
Wholesale prices ³	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1939.....	18.5	16.5	17.4	15.7	17.4	16.0	15.5	15.2	12.4
1940.....	19.9	17.2	18.4	16.4	18.5	16.6	15.1	15.0	11.9
1941.....	20.2	18.6	19.3	17.9	19.1	18.1	18.7	19.0	15.5
1942.....	25.6	24.1	24.8	22.7	24.1	23.0	21.5	22.5	18.7
1943.....	28.3	27.8	27.3	26.9	26.9	26.4	24.4	24.4	23.1
F. O. B. prices ⁴									
1944.....	28.7		27.9		(⁵)		25.1		23.7
1945.....	28.5		27.6		(⁵)		26.3		25.5
1946.....	(⁵)		32.8		32.7		28.6		25.2
1947.....	32.8		33.4		31.3		28.9		21.3
1948.....	(⁵)		39.0		(⁵)		33.3		27.1

¹ From September 1939 through 1943 reported as spring chickens, 4 pounds and over. Previously reported at various weights, but approximately comparable weights were used to obtain this continuous series of prices.

² From September 1939 through 1943 reported as spring chickens under 4 pounds. Previously reported at various weights, but approximately comparable weights were used to obtain this continuous series of prices.

³ From daily quotations in the Chicago Price Current; computed by the Bureau of Agricultural Economics.

⁴ Reported by the Dairy and Poultry Market News Service, Production and Marketing Administration.

⁵ Not quoted for full year. Monthly data available in Dairy and Poultry Market Statistics, issued annually.

Bureau of Agricultural Economics.

TABLE 576.—Poultry, dressed: Volume inspected by Federal and Federal-State inspectors, 1930-48

Year	Quantity	Year	Quantity	Year	Quantity	Year	Quantity
	<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>		<i>Pounds</i>
1930.....	22, 671, 400	1935.....	23, 266, 090	1940.....	77, 590, 774	1945.....	227, 917, 363
1931.....	15, 986, 239	1936.....	32, 950, 582	1941.....	94, 499, 280	1946.....	282, 254, 310
1932.....	14, 515, 707	1937.....	43, 578, 769	1942.....	147, 300, 894	1947.....	203, 101, 031
1933.....	15, 316, 739	1938.....	43, 538, 661	1943.....	180, 910, 916	1948.....	293, 503, 663
1934.....	18, 461, 442	1939.....	62, 607, 663	1944.....	178, 776, 082		

Production and Marketing Administration. Covers service to poultry-canning plants and plants preparing eviscerated poultry for sale as such, under cooperative agreements between the Federal and State governments. Inspections are made for condition and wholesomeness and not for grade. The service is optional and is paid for by the applicants.

TABLE 577.—Poultry, dressed: Receipts at 6 markets, by rail and truck, 1939-48¹

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1939.....	156, 148	76, 771	232, 919	29, 618	50, 570	80, 188	24, 813	352	25, 165
1940.....	148, 138	100, 034	248, 172	41, 253	62, 331	103, 584	28, 718	5, 456	34, 174
1941.....	114, 395	119, 419	233, 814	36, 047	65, 715	101, 762	27, 885	6, 260	34, 145
1942.....	115, 667	137, 424	253, 091	46, 556	54, 925	101, 481	24, 820	6, 229	31, 049
1943.....	129, 851	81, 318	211, 169	38, 503	37, 863	76, 366	20, 647	2, 303	22, 950
1944.....	180, 019	92, 459	272, 478	47, 894	34, 408	82, 302	28, 235	2, 513	28, 748
1945.....	212, 531	83, 468	295, 999	90, 922	29, 431	120, 353	30, 944	4, 231	35, 175
1946.....	188, 939	121, 016	310, 855	83, 897	43, 525	127, 422	38, 759	7, 743	46, 502
1947.....	140, 475	149, 284	289, 759	49, 985	43, 877	93, 862	32, 387	9, 713	42, 100
1948.....	96, 465	157, 513	253, 978	21, 942	51, 420	73, 362	27, 106	8, 878	35, 984
	Boston			San Francisco			Los Angeles		
1939.....	48, 885	8, 281	57, 166			12, 396			13, 717
1940.....	55, 817	12, 319	68, 136	² 5, 433	² 8, 327	13, 760			17, 763
1941.....	55, 993	13, 110	69, 103	6, 434	8, 149	15, 583	² 10, 098	² 9, 637	19, 735
1942.....	53, 550	11, 944	65, 494	18, 898	9, 520	28, 418	17, 686	10, 433	28, 119
1943.....	41, 026	6, 734	47, 760	15, 109	7, 024	22, 133	18, 056	8, 329	26, 385
1944.....	42, 502	10, 726	53, 228	25, 749	11, 074	36, 823	15, 439	11, 899	27, 338
1945.....	45, 909	7, 455	53, 364	16, 747	11, 357	28, 104	19, 263	5, 697	24, 860
1946.....	57, 575	12, 225	69, 800	18, 931	11, 407	30, 338	16, 001	4, 393	20, 394
1947.....	45, 220	17, 389	62, 609	12, 031	10, 371	22, 402	13, 371	6, 630	20, 001
1948.....	36, 313	17, 489	53, 802	8, 905	8, 821	17, 726	8, 267	3, 673	11, 940

¹ Including container and wrapping. Includes intermarket shipments.

² Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 578.—Poultry, dressed: Receipts at 6 markets, by origin, 1947 and 1948¹

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
Maine.....	2,019	7,902					4,624	2,793				
New Hampshire.....	395	386					4,115	3,256				
Vermont.....	164	107	28				174	155				
Massachusetts.....	2,858	4,216	33		58		7,449	6,182				
Rhode Island.....								3	63			
Connecticut.....	240	379				35	148	70				
New York.....	32,225	22,084	951	953	702	666	1,279	1,784	312	75	609	244
New Jersey.....	2,068	808	94	310	225	328	62	71	118		121	29
Pennsylvania.....	6,474	2,139	98	178	2,645	1,532	84				24	
Ohio.....	2,158	2,602	83	145	1,271	480	331	333	57			
Indiana.....	3,592	2,179	1,689	1,004	3,772	1,000	956	1,066				
Illinois.....	12,347	8,343	3,261	3,108	3,244	2,858	6,405	5,468	235	143	177	73
Michigan.....	646	1,700	422	228	76	245	85	497				
Wisconsin.....	797	907	2,417	2,237	128		146	97		31		
Minnesota.....	21,107	12,331	26,501	13,144	6,647	5,510	5,269	4,898	272	526	748	380
Iowa.....	30,367	19,005	26,543	21,030	4,714	4,398	8,379	8,237	999	425	790	180
Missouri.....	10,756	6,255	3,421	3,890	2,469	1,365	1,965	1,882	842	195	987	249
North Dakota.....	1,852	1,194	2,660	1,064	628	501	2,001	914	69	30	35	
South Dakota.....	4,504	2,650	3,633	2,502	108	223	832	326	114	102	128	4
Nebraska.....	16,435	11,266	3,979	3,676	4,540	4,749	4,462	2,959	3,041	2,661	4,805	3,410
Kansas.....	7,025	4,800	3,231	2,157	2,542	1,277	1,781	642	1,384	609	1,724	1,126
Delaware.....	58,693	75,695	595	1,068	595	1,685	136	38	266	30	36	
District of Columbia.....	372	6										
Maryland.....	36,338	28,160	567	701	3,593	3,089	1,217	1,822		102	33	
Virginia.....	4,143	2,287	1,747	175	2,264	1,569			31	29		
West Virginia.....	11			2	1							
North Carolina.....	1,068	161			13	8	35	70				
South Carolina.....	7	18	1		97	25		27				
Georgia.....	79	115	107	302		5		79				
Florida.....	51	11	1									
Kentucky.....	296	534	138	84	609	244	114	67				
Tennessee.....	1,548	2,814	95	198	72	108	36					
Alabama.....	25	31	68	1								
Mississippi.....			60	42			193				38	
Arkansas.....	390	425	1,725	3,917	56	26	35	117	807	697	525	444
Oklahoma.....	3,691	1,475	1,541	1,119	251	153	365	198	274	31	66	50
Texas.....	3,238	2,154	606	409	679	578	1,292	580	93		55	86
Montana.....	234	30	242	40	211		89					
Idaho.....	161	411	84	63	125	71	369	315	296	91	68	114
Wyoming.....	461	275	33	53								
Colorado.....	1,785	1,793	710	151	637	638	551	747	41		121	56
Arizona.....	66	32	1								38	34
Utah.....	5,022	7,370	2,255	2,746	486	816	4,232	2,498	372	200	684	167
Nevada.....	3,700		653	28	428	29						
Washington.....		3,285		449		541	292	794	81	172	46	21
Oregon.....	4,036	2,873	1,181	1,258	941	1,041	1,383	1,466	1,178	1,632	282	
California.....	6,280	9,800	2,379	3,430	641	799	1,619	2,708	11,520	9,807	7,827	5,201
Argentine.....		847										
Canada.....	35	2,624	29	1,470	32	292	101	583		138	34	72
Total.....	289,759	253,978	93,862	73,362	42,100	35,984	62,609	53,802	22,402	17,726	20,001	11,940

¹ Including container and wrapping. Includes intermarket shipments.

Production and Marketing Administration.

TABLE 579.—*Chickens, dressed weight: Consumption in the United States, total and per capita, 1930-48*

Year	Production ¹			Cold storage stocks at beginning of year ³	Imports	Exports	Cold storage stocks at end of year ³	Consumption ⁴	
	Farm and non-farm ²	Commercial broilers	Total					Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1930.....	2,626	-----	2,626	131	2	3	100	2,656	21.5
1931.....	2,426	-----	2,426	100	1	3	106	2,418	19.4
1932.....	2,465	-----	2,465	106	1	1	93	2,474	19.7
1933.....	2,572	-----	2,572	93	(⁵)	2	103	2,560	20.3
1934.....	2,307	85	2,392	103	1	2	110	2,384	18.8
1935.....	2,189	108	2,297	110	1	2	87	2,319	18.1
1936.....	2,258	134	2,392	87	2	1	148	2,332	18.1
1937.....	2,101	172	2,273	148	5	2	92	2,332	18.0
1938.....	2,003	211	2,214	92	2	2	110	2,196	16.8
1939.....	2,188	270	2,458	110	1	3	109	2,457	18.7
1940.....	2,149	365	2,514	109	2	2	140	2,483	18.7
1941.....	2,296	493	2,789	140	2	3	161	2,715	20.5
1942.....	2,648	593	3,241	161	3	24	149	3,097	23.4
1943.....	3,402	733	4,135	149	2	1	187	3,959	30.5
1944.....	3,183	696	3,879	187	22	8	193	3,467	26.8
1945.....	3,251	919	4,170	193	22	16	301	3,742	28.8
1946.....	2,868	729	3,597	301	2	81	184	3,542	25.4
1947.....	2,717	780	3,497	184	12	23	226	3,387	23.6
1948 ⁶	2,333	935	3,268	226	35	12	107	3,359	23.0

¹ 88 percent of live weight.² Consumption on farms and sales, plus 10 percent of same to allow for nonfarm production.³ Total poultry, less turkeys and ducks when reported separately.⁴ Beginning 1941, consumption figures apply only to civilian population.⁵ Less than 500,000 pounds.⁶ Preliminary.

Bureau of Agricultural Economics.

TABLE 580.—*Poultry, dressed: Annual average prices per pound based on top quotations only, New York City, 1939-48*

Year	Fowl, fresh dressed or frozen, fancy, box-packed			Young chickens, fresh dressed, fancy, ice-packed				Young chickens, fresh dressed and frozen, fancy, box-packed			
	36-42 pounds per dozen	48-54 pounds per dozen	60 or more pounds per dozen	Average weight per chicken				25-30 pounds per dozen	36-42 pounds per dozen	48-54 pounds per dozen	60 or more pounds per dozen
				2 pounds	3 pounds	4 pounds	5 or more pounds				
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1939..	17.5	19.2	20.6	21.4	19.9	22.2	<i>24.2</i>	20.6	19.4	21.1	22.6
1940..	16.9	19.2	20.4	21.7	20.4	23.3	25.5	<i>21.3</i>	20.4	<i>22.6</i>	<i>23.9</i>
1941..	20.7	23.1	24.4	22.9	22.0	24.1	26.7	22.6	21.9	24.2	26.0
1942..	24.9	27.9	28.3	28.2	27.5	30.1	32.8	27.4	28.0	30.7	<i>32.5</i>
1943..	31.8	32.7	32.7	35.8	36.2	37.2	37.8	35.8	36.3	37.5	38.8
1944..	33.6	33.8	33.8	37.8	37.4	37.5	37.5	37.8	37.7	37.8	37.8
1945..	34.0	34.8	34.8	38.1	37.4	38.7	<i>39.3</i>	38.8	37.9	39.0	39.1
1946..	32.4	36.8	37.4	39.6	39.2	42.1	<i>39.5</i>	40.5	39.5	43.0	43.8
1947..	30.1	36.1	38.7	40.2	38.1	40.4	45.6	36.5	35.9	40.1	45.0
1948..	37.0	39.7	41.8	44.2	43.2	46.4	55.4	<i>44.0</i>	<i>41.6</i>	45.3	53.4

Production and Marketing Administration. Unweighted average annual prices compiled from quotations in the Producers' Price Current, Urner-Barry Publishing Co., New York City. Figures in italics are averages for less than 12 months.

TABLE 581.—*Chickens and turkeys: Number officially tested for pullorum disease, and number and percentage of reactors, 1939-48*

Year beginning July—	Chicken tests				Turkey tests			
	States reporting	Chickens tested (first test)	Reactors		States reporting	Turkeys tested (first test)	Reactors	
	Number	Number	Number	Percent	Number	Number	Number	Percent
1939.....	47	11,184,460	345,389	3.09	26	315,394	7,676	2.43
1940.....	47	12,229,138	349,827	2.86	29	332,584	3,840	1.20
1941.....	47	16,859,592	446,688	2.65	30	279,007	2,553	0.92
1942.....	47	18,469,256	443,080	2.40	29	526,200	8,578	1.63
1943.....	47	23,817,732	547,039	2.30	36	982,904	19,616	2.00
1944.....	47	21,098,026	422,900	2.00	38	1,854,070	34,761	1.87
1945.....	47	27,003,930	495,644	1.84	42	2,794,979	40,488	1.45
1946.....	47	30,355,224	543,356	1.79	43	2,061,065	25,019	1.21
1947.....	47	30,093,726	354,255	1.18	42	1,265,037	9,472	0.75
1948.....	46	29,171,075	250,553	.86	47	1,990,073	10,210	0.51

Bureau of Animal Industry. Data for 1920-38 in Agricultural Statistics, 1945, table 520.

TABLE 582.—*Turkeys: Number on farms Jan. 1 and value, United States, 1930-49*

Year	Turkeys				Year	Turkeys			
	Breeder hens		Value per head	Total value		Breeder hens		Value per head	Total value
	Thousands	Thousands				Thousands	Thousands		
1930.....		5,969	3.00	17,918	1940.....	4,607	8,569	2.14	18,312
1931.....		5,318	2.60	13,806	1941.....	3,864	7,193	2.26	16,279
1932.....		5,946	2.43	14,471	1942.....	4,003	7,485	3.08	23,036
1933.....		6,852	1.41	9,672	1943.....	3,984	6,600	4.47	29,515
1934.....		6,309	1.48	9,309	1944.....	4,294	7,429	5.33	39,623
1935.....		5,499	2.18	11,982	1945.....	4,606	7,203	5.78	41,601
1936.....		5,731	2.82	16,170	1946.....	5,241	8,493	5.75	48,798
1937.....	3,481	6,358	2.06	13,106	1947.....	4,222	6,650	6.47	43,016
1938.....	3,222	6,096	2.49	15,154	1948.....	2,771	4,450	6.87	30,590
1939.....	3,914	6,489	2.56	16,615	1949 ¹	3,689	5,493	8.68	47,681

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 583.—*Turkeys: Participation in the National Turkey Improvement Plan, 1943-48*

Year beginning July—	States participating	Hatcheries		Supply flocks			United States Record of Performance and Register of Merit ²		
		Number	Egg capacity ¹	Flocks	Birds	Average number of birds per flock	Breeder	Single-tom matings	Candidates trap-nested
1943.....	8	54	4,264,741	544	96,635	178	3	9	134
1944.....	24	236	13,080,406	1,671	743,148	445	27	157	2,002
1945.....	31	544	19,345,837	4,608	2,342,133	508	37	266	3,387
1946.....	42	735	30,426,292	3,957	1,890,879	478	51	432	5,538
1947.....	42	674	26,648,066	2,117	1,095,938	518	66	742	9,527
1948.....	45	768	32,071,895	3,224	1,849,907	574	61	767	9,538

¹ Manufacturer's rating of the number of eggs the incubators will hold, including both incubating and hatching trays. In most instances the data are for turkey-egg capacity only, but in some cases the combined capacity for both chicken and turkey eggs is included.

² For U. S. Record of Performance and U. S. Register of Merit, the trap-nest period covers 8 consecutive weeks for each candidate during the winter or early spring. The National Turkey Improvement Plan became operative on Sept. 25, 1943.

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TABLE 584.—*Turkeys: Number on farms Jan. 1, value per head, and total value, by States, average 1938-47, annual 1948 and 1949*

State and division	Turkeys ¹			Value per head			Total value		
	Average 1938-47	1948	1949	Average 1938-47	1948	1949	Average 1938-47	1948	1949
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	11	8	9	4.28	7.40	9.00	47	59	81
New Hampshire.....	12	14	15	4.74	8.30	9.70	62	116	146
Vermont.....	27	20	25	4.69	8.30	10.30	131	166	258
Massachusetts.....	58	60	66	5.00	8.20	10.20	308	492	673
Rhode Island.....	5	4	5	5.02	8.30	10.20	27	33	51
Connecticut.....	29	30	34	4.98	8.30	10.00	155	249	340
New York.....	95	133	146	4.88	8.50	10.20	534	1,130	1,489
New Jersey.....	41	66	60	5.28	8.50	10.70	238	561	642
Pennsylvania.....	154	151	166	4.89	8.20	8.70	792	1,238	1,444
North Atlantic.....	432	486	526	4.92	8.32	9.74	2,296	4,044	5,124
Ohio.....	133	101	121	4.24	7.40	8.60	622	747	1,041
Indiana.....	86	70	85	4.00	7.00	9.00	352	490	765
Illinois.....	127	122	88	4.02	7.10	8.20	537	866	722
Michigan.....	105	106	117	4.06	6.80	8.60	452	721	1,006
Wisconsin.....	99	83	54	4.23	7.90	9.40	441	656	508
East North Central.....	550	482	465	4.11	7.22	8.69	2,403	3,480	4,042
Minnesota.....	408	181	272	3.84	6.20	8.60	1,585	1,122	2,339
Iowa.....	264	171	255	3.86	6.50	8.60	1,004	1,112	2,193
Missouri.....	339	260	364	3.60	6.20	7.70	1,270	1,612	2,803
North Dakota.....	239	40	40	3.54	5.90	7.70	730	236	308
South Dakota.....	220	40	34	3.32	5.10	7.30	627	204	248
Nebraska.....	168	66	66	3.47	6.50	7.70	555	429	508
Kansas.....	201	94	126	3.36	6.00	7.20	637	564	907
West North Central.....	1,839	852	1,157	3.63	6.20	8.04	6,408	5,279	9,306
Delaware.....	23	17	15	4.96	8.00	10.00	111	136	150
Maryland.....	77	59	56	4.88	8.00	10.00	366	472	560
Virginia.....	170	146	182	4.10	7.00	8.20	725	1,022	1,492
West Virginia.....	43	39	46	4.02	7.00	8.80	169	273	405
North Carolina.....	56	50	55	3.84	6.60	7.90	210	330	434
South Carolina.....	72	75	98	4.02	7.00	7.50	309	525	735
Georgia.....	47	41	47	3.83	6.50	7.30	179	266	343
Florida.....	38	24	22	4.06	6.90	7.20	147	166	158
South Atlantic.....	527	451	521	4.17	7.07	8.21	2,216	3,190	4,277
Kentucky.....	72	38	46	3.48	6.40	7.70	233	243	354
Tennessee.....	44	22	28	3.38	5.30	7.00	138	117	196
Alabama.....	53	43	41	3.80	6.70	7.20	199	288	295
Mississippi.....	58	30	28	3.48	5.60	6.60	192	168	185
Arkansas.....	49	39	27	3.50	6.10	6.70	174	238	181
Louisiana.....	27	17	14	3.93	6.50	7.40	95	110	104
Oklahoma.....	242	91	95	3.02	5.20	7.00	612	473	665
Texas.....	892	700	770	3.20	5.30	7.20	2,783	3,710	5,544
South Central.....	1,438	980	1,049	3.25	5.46	7.17	4,426	5,347	7,524
Montana.....	40	15	18	4.10	7.50	9.40	142	112	169
Idaho.....	53	43	49	4.17	8.20	9.50	227	353	466
Wyoming.....	48	22	28	4.08	7.00	8.40	184	154	235
Colorado.....	176	40	50	3.81	6.90	9.00	616	276	450
New Mexico.....	26	18	20	3.45	6.40	8.00	91	115	160
Arizona.....	19	12	11	4.45	6.90	8.00	85	83	88
Utah.....	178	30	52	4.52	8.00	9.80	970	240	510
Nevada.....	12	4	5	4.88	8.00	10.00	60	32 ¹	50
Washington.....	227	234	281	4.67	7.90	9.50	1,198	1,849	2,670
Oregon.....	602	229	378	4.52	7.80	10.00	2,496	1,786	3,780
California.....	1,155 ²	552	883	4.71	7.70	10.00	5,376	4,260	8,830
Western.....	2,435 ¹	1,199 ¹	1,775 ¹	4.54	7.71 ¹	9.81	11,446 ¹	9,250	17,408
United States.....	7,221	4,450	5,493	4.03	6.87	8.68	29,195	30,590	47,681

¹ Birds remaining for market and breeding stock on Jan. 1.

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TABLE 585.—*Turkeys: Farm production, disposition, cash receipts, and gross income, United States, 1930-48*

Year	Number						Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed on farms ⁵	Gross income ⁶	
	Raised ¹	Loss of mature birds ²	Pro-duced ³	Change in in-ventory ⁴		Con-sumed in farm house-hold ⁵	Sold	Pro-duced	Con-sumed in farm house-hold ⁵						Sold
				Increase	Decrease										
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1930.....	17,419	367	17,052	-----	651	1,704	15,999	228,497	22,834	214,186	20.0	49,475	46,323	4,901	51,224
1931.....	18,249	326	17,923	-----	628	1,549	15,746	243,753	21,066	214,374	19.1	47,297	41,590	4,025	45,615
1932.....	22,333	369	21,964	-----	906	1,665	19,393	303,103	22,977	267,603	12.7	42,950	37,946	3,251	41,197
1933.....	23,241	428	22,813	-----	543	1,623	21,733	319,231	22,585	304,251	11.6	37,584	35,788	2,624	38,412
1934.....	21,702	392	21,310	-----	810	1,505	20,615	299,597	20,973	289,755	15.1	43,622	42,098	2,984	45,082
1935.....	20,821	334	20,487	-----	232	1,428	18,827	297,960	20,462	273,845	20.1	57,022	52,412	3,812	56,224
1936.....	27,981	339	27,642	-----	627	1,485	25,530	405,418	21,413	374,359	15.6	66,663	61,533	3,437	64,970
1937.....	25,755	364	25,391	-----	261	1,425	24,227	375,828	20,733	358,880	18.1	66,213	63,406	3,527	66,933
1938.....	26,887	340	26,547	-----	395	1,291	24,861	395,017	18,811	370,223	17.5	70,477	66,192	3,261	69,453
1939.....	33,587	386	33,201	-----	2,083	1,297	29,821	494,019	18,817	443,806	15.7	78,510	70,715	2,909	73,624
1940.....	34,047	475	33,572	-----	1,376	1,170	33,778	505,527	17,140	509,435	15.4	77,738	78,245	2,598	80,843
1941.....	32,902	405	32,497	-----	292	996	31,209	516,527	15,427	495,502	19.9	102,645	98,387	3,021	101,408
1942.....	32,805	446	32,359	-----	885	824	32,420	525,899	12,981	527,275	27.5	144,332	144,760	3,497	148,257
1943.....	32,309	455	31,854	-----	829	747	30,278	516,673	11,664	490,188	32.6	168,982	160,044	3,811	163,855
1944.....	35,616	446	35,170	-----	226	647	34,749	591,342	10,434	584,599	34.0	201,165	198,731	3,564	202,295
1945.....	44,221	430	43,791	-----	1,290	711	41,790	762,487	11,898	728,173	33.6	256,720	244,975	4,054	249,029
1946.....	40,724	433	40,291	-----	1,843	744	41,390	720,177	12,782	742,894	36.2	261,694	269,041	4,683	273,724
1947.....	34,970	322	34,648	-----	2,200	743	36,105	625,663	12,877	652,768	36.4	227,507	237,361	4,689	242,050
1948 ⁷	31,950	218	31,732	-----	1,043	753	29,936	578,934	13,040	545,972	46.7	269,859	254,718	5,967	260,685

¹ Total poults hatched, less death loss of poults and young turkeys during the year.

² Death loss during the year of breeder hens on hand on Jan. 1.

³ Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

⁴ Change in Jan. 1 inventory numbers during the year.

⁵ Turkeys consumed in households of farm producers.

⁶ Value of cash receipts, plus value of those consumed in households of producers.

⁷ Preliminary.

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TABLE 586.—Turkeys: Farm production, disposition, cash receipts, and gross income, by States, 1947

State and division	Number							Average weight per bird sold	Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed on farms ⁶	Gross income ⁶
	Raised ¹	Loss of mature birds ²	Produced ³	Change in inventory ⁴		Consumed in farm household ⁵	Sold		Produced	Consumed in farm household ⁵	Sold					
				Increase	Decrease											
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	50	1	49	4	1	52	17.8	873	18	926	38.8	339	359	7	366	
New Hampshire.....	73	1	72	1	2	71	17.3	1,246	35	1,228	42.6	531	523	15	538	
Vermont.....	137	1	136	15	2	149	17.2	2,339	34	2,563	42.9	1,003	1,100	15	1,115	
Massachusetts.....	316	2	314	6	7	313	17.1	5,369	120	5,352	43.2	2,319	2,312	52	2,364	
Rhode Island.....	33	0	33	1	1	33	17.0	561	17	561	42.8	240	240	7	247	
Connecticut.....	178	2	176	9	4	181	17.2	3,027	69	3,113	43.4	1,314	1,351	30	1,381	
New York.....	741	9	732	104	16	820	16.8	12,298	269	13,776	44.0	5,411	6,061	118	6,179	
New Jersey.....	364	2	362	1	8	353	16.9	6,118	135	5,966	46.4	2,839	2,768	63	2,831	
Pennsylvania.....	1,317	7	1,310	78	20	1,368	16.9	22,139	338	23,119	45.0	9,963	10,404	152	10,556	
North Atlantic.....	3,209	25	3,184	217	61	3,340	16.9	53,970	1,035	56,604	44.4	23,959	25,118	459	25,577	
Ohio.....	1,213	12	1,201	123	13	1,311	17.1	20,537	222	22,418	37.9	7,784	8,496	84	8,580	
Indiana.....	919	7	912	40	9	943	17.7	16,142	159	16,691	36.8	5,940	6,142	59	6,201	
Illinois.....	1,129	11	1,118	13	7	1,124	17.9	20,012	125	20,120	37.2	7,444	7,485	46	7,531	
Michigan.....	867	7	860	46	15	891	16.7	14,362	250	14,880	37.7	5,414	5,610	94	5,704	
Wisconsin.....	491	5	486	36	8	514	18.4	8,943	147	9,458	38.6	3,452	3,651	57	3,708	
East North Central.....	4,619	42	4,577	258	52	4,783	17.5	79,996	903	83,567	37.6	30,034	31,384	340	31,724	
Minnesota.....	3,537	14	3,523	181	21	3,683	17.8	62,709	374	65,557	36.7	23,014	24,059	137	24,196	
Iowa.....	2,566	6	2,560	129	6	2,683	19.2	49,152	115	51,514	36.5	17,940	18,803	42	18,845	
Missouri.....	1,310	15	1,295	140	17	1,418	18.6	24,087	316	26,375	32.9	7,925	8,677	104	8,781	
North Dakota.....	833	6	827	39	40	826	16.4	13,562	656	13,546	31.5	4,272	4,267	207	4,474	
South Dakota.....	295	3	292	32	29	295	16.6	4,847	481	4,897	31.8	1,541	1,557	153	1,710	
Nebraska.....	873	7	866	80	13	933	18.8	16,280	244	17,540	34.8	5,665	6,104	85	6,189	
Kansas.....	663	10	653	94	18	729	18.6	12,146	335	13,559	33.6	4,081	4,556	113	4,669	
West North Central.....	10,077	61	10,016	695	144	10,567	18.3	182,783	2,521	192,988	35.2	64,438	68,023	841	68,864	

Delaware.....	68	1	67	3	2	68	18.0	1,206	36	1,224	42.1	508	515	15	530
Maryland.....	396	3	393	12	15	390	18.0	7,074	270	7,020	41.1	2,907	2,885	111	2,695
Virginia.....	1,131	8	1,123	105	24	1,204	16.0	17,968	384	19,264	39.1	7,025	7,532	150	7,682
West Virginia.....	398	3	395	10	6	399	15.2	6,004	91	6,065	41.4	2,486	2,511	38	2,519
North Carolina.....	379	3	376	6	14	368	16.6	6,241	232	6,109	39.1	2,440	2,389	91	2,480
South Carolina.....	357	7	350	12	16	346	17.2	6,020	275	5,951	41.3	2,486	2,458	114	2,572
Georgia.....	182	2	180	14	15	179	17.1	3,078	256	3,061	42.0	1,293	1,286	108	1,394
Florida.....	109	3	106	6	11	101	16.0	1,696	176	1,616	50.0	848	808	88	896
South Atlantic.....	3,020	30	2,990	168	103	3,055	16.5	49,287	1,720	50,310	40.5	19,993	20,384	715	21,099
Kentucky.....	165	5	160	16	11	165	16.7	2,673	184	2,756	36.1	965	995	66	1,061
Tennessee.....	140	3	137	7	8	136	15.8	2,164	126	2,149	35.2	762	756	44	800
Alabama.....	128	6	122	5	20	107	16.0	1,952	320	1,712	40.1	783	687	128	815
Mississippi.....	72	5	67	5	21	51	15.4	1,031	323	785	41.3	426	324	133	457
Arkansas.....	85	4	81	7	5	83	15.7	1,271	78	1,303	31.4	399	409	24	433
Louisiana.....	51	2	49	8	4	41	15.1	740	121	619	45.7	338	283	55	338
Oklahoma.....	522	14	508	39	22	525	16.4	8,331	361	8,610	33.6	2,799	2,893	121	3,014
Texas.....	3,681	64	3,617	86	129	3,574	16.6	60,041	2,141	59,328	31.5	18,913	18,688	674	19,362
South Central.....	4,844	103	4,741	165	224	4,682	16.5	78,203	3,654	77,262	32.4	25,385	25,035	1,245	26,280
Montana.....	119	2	117	10	15	112	16.8	1,966	252	1,882	41.4	814	779	104	883
Idaho.....	191	4	187	19	6	200	17.8	3,329	107	3,560	38.9	1,295	1,385	42	1,427
Wyoming.....	131	1	130	18	5	143	17.2	2,236	86	2,460	39.2	877	964	34	998
Colorado.....	702	9	693	64	18	739	17.5	12,127	315	12,932	35.7	4,329	4,617	112	4,729
New Mexico.....	94	2	92	12	9	95	17.8	1,637	160	1,691	35.3	578	597	56	653
Arizona.....	71	2	69	8	10	67	18.0	1,242	180	1,206	36.1	448	435	65	500
Utah.....	1,039	2	1,037	47	6	1,078	20.3	21,051	122	21,883	36.0	7,578	7,878	44	7,922
Nevada.....	37	0	37	6	2	41	19.7	729	39	808	38.1	278	308	15	323
Washington.....	1,121	6	1,115	59	13	1,161	19.8	22,077	257	22,988	36.1	7,970	8,299	93	8,392
Oregon.....	1,639	11	1,628	229	19	1,838	19.6	31,909	372	36,025	34.8	11,104	12,537	129	12,666
California.....	4,057	22	4,035	225	56	4,204	20.6	83,121	1,154	86,602	34.2	28,427	29,618	395	30,013
Western.....	9,201	61	9,140	697	159	9,678	19.8	181,424	3,044	192,037	35.1	63,698	67,417	1,089	68,506
United States.....	34,970	322	34,648	2,200	743	36,105	18.1	625,663	12,877	652,768	36.4	227,507	237,361	4,689	242,050

¹ Total poult hatched, less death loss of poults and young turkeys during the year.

² Death loss during the year of breeder hens on hand Jan. 1.

³ Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

⁴ Change in Jan. 1 inventory numbers during the year.

⁵ Turkeys consumed in households of farm producers.

⁶ Value of sales, plus value of those consumed in households of producers.

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TABLE 587.—Turkeys: Farm production, disposition, cash receipts, and gross income, by States, 1948

State and division	Number						Average weight per bird sold	Pounds			Farm price per pound	Value of turkeys produced	Cash receipts (sales)	Value of turkeys consumed on farms ⁶	Gross income ⁶	
	Raised ¹	Loss of mature birds ²	Pro-duced ³	Change in in-ventory ⁴		Con-sumed in farm house-hold ⁵		Sold	Pro-duced	Con-sumed in farm house-hold ⁵						Sold
				Increase	Decrease											
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	37	0	37	1	-----	1	35	17.4	643	17	609	43.5	280	265	7	272
New Hampshire.....	61	0	61	1	-----	2	58	17.0	1,037	34	986	47.2	489	465	16	481
Vermont.....	100	0	100	5	-----	2	93	16.9	1,690	34	1,572	47.1	796	740	16	756
Massachusetts.....	307	3	304	6	-----	5	293	17.0	5,168	85	4,981	51.7	2,672	2,575	44	2,619
Rhode Island.....	31	0	31	1	-----	1	29	17.2	533	17	499	50.9	271	254	9	263
Connecticut.....	178	1	177	4	-----	4	169	17.2	3,045	69	2,907	52.8	1,608	1,535	36	1,571
New York.....	763	5	758	13	-----	14	731	17.3	13,113	242	12,646	55.4	7,265	7,006	134	7,140
New Jersey.....	328	1	327	-----	6	9	324	17.1	5,591	154	5,540	57.0	3,187	3,158	88	3,246
Pennsylvania.....	1,264	5	1,259	15	-----	20	1,224	17.1	21,528	342	20,930	53.1	11,431	11,114	182	11,296
North Atlantic.....	3,069	15	3,054	40	-----	58	2,956	17.1	52,348	994	50,670	53.5	27,999	27,112	532	27,644
Ohio.....	1,031	6	1,025	20	-----	17	988	17.5	17,938	298	17,290	47.9	8,592	8,282	143	8,425
Indiana.....	919	4	915	15	-----	12	888	17.9	16,378	215	15,895	45.4	7,436	7,216	98	7,314
Illinois.....	1,016	6	1,010	-----	34	11	1,033	18.5	18,685	204	19,110	47.4	8,857	9,058	97	9,155
Michigan.....	780	4	776	11	-----	12	753	17.8	13,813	214	13,403	47.5	6,561	6,366	102	6,468
Wisconsin.....	442	3	439	-----	29	9	459	19.0	8,341	171	8,721	47.9	3,995	4,177	82	4,259
East North Central.....	4,188	23	4,165	-----	17	61	4,121	18.1	75,155	1,102	74,419	47.2	35,441	35,099	522	35,621
Minnesota.....	2,759	8	2,751	91	-----	26	2,634	19.0	52,269	494	50,046	48.5	25,350	24,272	240	24,512
Iowa.....	1,899	5	1,894	84	-----	8	1,802	19.5	36,933	156	35,139	47.4	17,506	16,656	74	16,730
Missouri.....	1,310	13	1,297	104	-----	16	1,177	18.4	23,865	294	21,657	45.4	10,835	9,832	133	9,965
North Dakota.....	500	3	497	-----	40	4	457	16.0	7,952	640	7,312	41.0	3,280	2,998	292	3,260
South Dakota.....	206	2	204	-----	6	29	181	16.6	3,386	481	3,005	43.7	1,480	1,313	210	1,523
Nebraska.....	716	4	712	-----	10	10	702	19.2	13,670	192	13,478	42.5	5,810	5,728	82	5,810
Kansas.....	530	7	523	32	-----	16	475	18.1	9,467	290	8,598	44.8	4,241	3,852	130	3,982
West North Central.....	7,920	42	7,878	305	-----	145	7,428	18.7	147,542	2,547	139,235	46.4	68,482	64,651	1,131	65,787

Delaware.....	61	1	60	-----	2	2	60	17.8	1,068	36	1,068	51.3	548	548	18	566
Maryland.....	321	3	318	-----	3	17	304	17.8	5,661	303	5,411	53.5	3,029	2,395	162	3,057
Virginia.....	1,221	8	1,213	36	-----	22	1,155	15.0	18,195	330	17,325	48.9	8,897	8,472	161	8,633
West Virginia.....	498	2	496	7	-----	7	482	14.9	7,390	104	7,182	49.3	3,643	3,541	51	3,592
North Carolina.....	360	3	357	5	-----	13	339	16.9	6,033	220	5,729	45.4	2,739	2,601	100	2,701
South Carolina.....	446	5	441	23	-----	14	404	17.0	7,497	238	6,868	46.0	3,449	3,159	109	3,268
Georgia.....	187	2	185	6	-----	17	162	16.4	3,034	279	2,657	45.0	1,365	1,196	123	1,322
Florida.....	109	2	107	-----	2	11	98	15.6	1,670	172	1,529	57.4	959	878	99	977
South Atlantic.....	3,203	26	3,177	70	-----	103	3,004	15.9	50,548	1,682	47,769	48.8	24,629	23,290	826	24,116
Kentucky.....	173	3	170	8	-----	13	149	17.4	2,958	226	2,593	44.4	1,313	1,151	100	1,251
Tennessee.....	140	2	138	6	-----	9	123	15.9	2,194	143	1,956	44.9	985	878	64	942
Alabama.....	122	5	117	-----	2	20	99	16.3	1,907	326	1,614	43.7	833	705	142	847
Mississippi.....	76	4	72	-----	2	24	50	16.3	1,173	391	815	46.2	542	377	181	558
Arkansas.....	70	3	67	-----	12	7	72	15.2	1,018	106	1,094	42.1	429	461	45	506
Louisiana.....	46	2	44	-----	3	9	38	15.5	683	140	589	50.9	348	300	71	371
Oklahoma.....	365	9	356	4	-----	20	332	15.7	5,589	314	5,212	42.9	2,398	2,236	135	2,371
Texas.....	3,018	49	2,969	70	-----	122	2,777	16.0	47,504	1,952	44,432	40.0	19,002	17,773	781	18,554
South Central.....	4,010	77	3,933	69	-----	224	3,640	16.0	63,026	3,598	58,305	41.0	25,850	23,881	1,519	25,400
Montana.....	113	1	112	3	-----	12	97	16.9	1,893	203	1,639	48.7	922	798	99	897
Idaho.....	134	2	132	6	-----	5	121	17.8	2,350	89	2,154	45.8	1,076	987	41	1,028
Wyoming.....	118	0	118	6	-----	4	108	16.8	1,982	67	1,814	45.4	900	824	30	854
Colorado.....	562	2	560	10	-----	20	530	17.6	9,856	352	9,328	46.3	4,563	4,319	163	4,482
New Mexico.....	94	1	93	2	-----	9	82	17.0	1,581	153	1,394	43.0	680	599	66	665
Arizona.....	50	1	49	-----	1	10	40	18.2	892	182	728	47.2	421	344	86	430
Utah.....	1,049	1	1,048	22	-----	6	1,020	20.3	21,275	122	20,706	45.7	9,723	9,463	56	9,519
Nevada.....	30	0	30	1	-----	2	27	19.9	597	40	537	45.9	274	246	18	264
Washington.....	1,065	5	1,060	47	-----	14	999	19.6	20,775	274	19,580	45.0	9,349	8,811	123	8,934
Oregon.....	1,639	9	1,630	149	-----	18	1,463	19.9	32,437	358	29,114	44.4	14,402	12,927	159	13,086
California.....	4,706	13	4,693	331	-----	62	4,300	20.6	96,677	1,277	88,580	46.7	45,148	41,367	596	41,963
Western.....	9,560	35	9,525	576	-----	162	8,787	20.0	190,315	3,117	175,574	46.0	87,458	80,685	1,437	82,122
United States.....	31,950	218	31,732	1,043	-----	753	29,936	18.2	578,934	13,040	545,972	46.7	269,859	254,718	5,967	260,685

¹ Total poult hatched, less death loss of poults and young turkeys during the year.

² Death loss during the year of breeder hens on hand Jan. 1.

³ Turkeys raised, less death loss during the year of breeder hens on hand Jan. 1.

⁴ Change in Jan. 1 inventory numbers during the year.

⁵ Turkeys consumed in households of farm producers.

⁶ Value of sales, plus value of those consumed in households of producers.

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TABLE 588.—*Turkeys: Average live weight of birds sold, United States, 1939-48*

Year	Hens	Toms	All	Year	Hens	Toms	All
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1939.....	11.9	17.9	14.9	1944.....	13.2	20.4	16.8
1940.....	12.1	18.1	15.1	1945.....	13.5	21.4	17.4
1941.....	12.7	19.1	15.9	1946.....	13.8	22.0	17.9
1942.....	13.0	19.6	16.3	1947.....	13.8	22.4	18.1
1943.....	12.9	19.5	16.2	1948.....	14.0	22.5	18.2

Bureau of Agricultural Economics. Data for 1930-38 on all turkeys in Agricultural Statistics, 1948, table 580.

TABLE 589.—*Turkeys, dressed weight: Consumption in the United States, total and per capita, 1930-48*

Year	Production ¹	Cold storage stocks at beginning of year	Imports	Cold storage stocks at end of year	Consumption ²	
					Total	Per capita
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1930.....	216	10	1	5	222	1.8
1931.....	214	5	5	10	214	1.7
1932.....	264	10	1	15	260	2.1
1933.....	298	15	(³)	16	297	2.4
1934.....	284	16	(³)	19	281	2.2
1935.....	267	19	(³)	17	269	2.1
1936.....	361	17	1	35	344	2.7
1937.....	346	35	(³)	26	355	2.7
1938.....	355	26	(³)	23	358	2.7
1939.....	422	23	(³)	52	393	3.0
1940.....	479	52	(³)	61	470	3.5
1941.....	465	61	1	50	469	3.5
1942.....	492	50	1	36	484	3.7
1943.....	457	36	3	37	430	3.3
1944.....	541	37	5	72	426	3.3
1945.....	673	72	4	108	555	4.3
1946.....	687	108	(³)	128	632	4.5
1947.....	606	128	2	83	643	4.5
1948 ⁴	509	83	7	51	534	3.7

¹ 91 percent of live weight. Sales, plus consumption on farms.

² Does not allow for exports; data not available. Beginning 1941 consumption figures apply only to civilian population.

³ Less than 500,000 pounds.

⁴ Preliminary.

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TABLE 590.—Eggs: Farm production, disposition, cash receipts, and gross income, United States, 1930-48

Year	Hens and pullets		Rate of lay		Eggs				Farm price per dozen	Value of eggs produced	Cash receipts (sales)	Value of eggs consumed on farms ³	Gross income ⁴
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1 ¹	Per layer during year ²	Total produced	Used for farm hatching	Consumed in farm household ³	Sold					
	<i>Thousands</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1930.....	420,451	321,893	93	121	39,067	935	7,519	30,613	23.7	768,269	605,805	144,798	750,603
1931.....	401,776	303,008	96	127	38,532	909	7,995	29,628	17.6	558,682	434,314	111,758	546,072
1932.....	385,826	299,055	94	121	36,298	891	7,992	27,415	14.2	422,004	324,362	87,973	412,335
1933.....	390,743	299,717	91	118	35,514	855	7,922	26,737	13.8	403,425	308,575	85,740	394,315
1934.....	385,341	290,678	89	118	34,429	757	7,406	26,266	17.0	483,731	372,876	100,685	473,561
1935.....	350,407	276,406	96	122	33,609	665	7,205	25,739	23.4	648,136	501,551	134,283	635,834
1936.....	362,619	284,885	95	121	34,534	670	7,416	26,448	21.8	622,175	480,808	129,701	610,509
1937.....	379,754	288,003	99	130	37,564	518	7,884	29,162	21.3	660,370	517,418	134,164	651,582
1938.....	352,964	275,918	106	135	37,356	528	8,204	28,624	20.3	624,914	485,092	131,436	616,528
1939.....	376,141	289,555	103	134	38,843	513	8,238	30,092	17.4	558,155	437,386	113,707	551,093
1940.....	392,655	296,595	101	134	39,695	436	8,035	31,224	18.0	588,440	467,620	114,591	582,211
1941.....	381,315	300,862	110	139	41,878	431	7,652	33,795	23.5	815,369	663,014	144,247	807,261
1942.....	427,911	341,639	114	142	48,597	432	7,425	40,740	30.0	1,206,904	1,017,358	179,117	1,196,475
1943.....	488,959	352,986	112	142	54,539	479	7,349	46,711	37.1	1,681,951	1,445,291	222,227	1,667,518
1944.....	523,587	395,792	112	148	58,530	364	7,711	50,455	32.5	1,580,547	1,365,083	205,587	1,570,670
1945.....	473,880	369,356	118	151	55,858	364	7,720	47,765	37.7	1,732,137	1,500,136	240,515	1,740,651
1946.....	474,233	359,603	117	155	55,590	275	8,026	47,289	37.5	1,737,640	1,478,733	250,214	1,728,947
1947.....	435,665	350,275	127	158	55,252	240	7,828	47,184	45.3	2,079,846	1,779,576	291,169	2,070,745
1948 ⁵	426,465	340,243	129	162	55,168	217	7,710	47,241	47.2	2,162,940	1,856,730	297,612	2,154,342

¹ Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

² Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

³ Consumed in households of farm producers.

⁴ Value of sales, plus value of those consumed in households of producers.

⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1909-29 in Agricultural Statistics, 1942, table 672.

TABLE 591.—Eggs: Farm production, disposition, cash receipts, and gross income, by States, 1947

State and division	Hens and pullets		Rate of lay		Eggs produced	Eggs used for farm hatching	Consumed in farm household ³	Eggs sold	Farm price per dozen	Value of eggs produced	Cash receipts (sales)	Value of eggs consumed on farms ⁴	Gross income ⁴
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1 ¹	Per layer during year ²									
	<i>Thousands</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	2,234	2,064	178	193	398	2	43	353	61.4	20,364	18,062	2,200	20,262
New Hampshire.....	2,187	1,978	171	189	373	3	20	350	61.9	19,241	18,054	1,032	19,086
Vermont.....	932	822	177	201	165	(⁵)	26	139	60.2	8,278	6,973	1,304	8,277
Massachusetts.....	4,888	4,318	176	199	858	3	46	809	63.5	45,403	42,810	2,434	45,244
Rhode Island.....	537	492	179	195	96	(⁵)	6	90	62.1	4,968	4,658	310	4,968
Connecticut.....	3,169	2,898	176	192	557	1	31	525	60.9	28,268	26,644	1,573	28,217
New York.....	14,454	11,800	149	183	2,157	3	205	1,949	56.7	101,918	92,090	9,686	101,776
New Jersey.....	9,634	8,016	149	179	1,434	7	44	1,383	59.4	70,983	68,458	2,178	70,636
Pennsylvania.....	21,538	17,489	141	174	3,046	5	253	2,788	53.4	135,547	124,066	11,258	135,324
North Atlantic.....	59,573	49,877	152	182	9,084	24	674	8,386	57.5	434,970	401,815	31,975	433,790
Ohio.....	18,456	15,102	138	168	2,539	5	327	2,207	46.5	98,386	85,521	12,671	98,192
Indiana.....	15,451	12,825	139	167	2,145	4	247	1,894	41.4	74,002	65,343	8,522	73,865
Illinois.....	21,765	17,304	123	155	2,684	6	335	2,343	40.0	89,467	78,100	11,167	89,267
Michigan.....	11,737	9,686	135	164	1,587	2	225	1,360	46.4	61,364	52,587	8,700	61,287
Wisconsin.....	17,270	14,806	143	166	2,461	3	269	2,189	43.8	89,826	79,898	9,818	89,716
East North Central...	84,669	69,723	135	164	11,416	20	1,403	9,993	43.4	413,045	361,449	50,878	412,327
Minnesota.....	28,245	23,017	139	171	3,931	4	307	3,620	39.4	129,068	118,857	10,080	128,937
Iowa.....	33,444	26,232	127	162	4,250	7	370	3,873	38.5	136,354	124,259	11,871	136,130
Missouri.....	21,726	17,286	126	158	2,732	14	348	2,370	38.4	87,424	75,840	11,136	86,976
North Dakota.....	5,033	4,020	115	144	579	1	113	465	35.2	16,984	13,640	3,315	16,955
South Dakota.....	9,094	7,176	121	153	1,099	3	114	982	35.9	32,878	29,378	3,411	32,789
Nebraska.....	14,569	11,765	131	162	1,907	5	204	1,698	36.6	58,164	51,789	6,222	58,011
Kansas.....	15,590	12,571	132	163	2,053	7	258	1,788	37.6	64,327	56,024	8,084	64,108
West North Central...	127,701	102,067	130	162	16,551	41	1,714	14,706	38.1	525,199	469,787	54,119	523,906

Delaware.....	952	793	133	160	127	(⁵)	13	114	51.1	5,408	4,854	554	5,408
Maryland.....	3,932	3,160	126	156	494	1	62	431	49.3	20,295	17,707	2,547	20,254
Virginia.....	9,477	7,751	128	156	1,212	6	234	972	47.5	47,975	38,475	9,262	47,737
West Virginia.....	3,978	3,078	120	155	478	2	120	356	48.9	19,478	14,507	4,890	19,397
North Carolina.....	10,092	7,496	97	131	981	9	324	648	48.0	39,240	25,920	12,960	38,880
South Carolina.....	4,158	2,984	79	110	327	7	141	179	50.7	13,816	7,563	5,857	13,520
Georgia.....	7,702	5,707	81	110	625	9	216	400	50.5	26,302	16,833	9,090	25,923
Florida.....	2,319	1,754	96	127	223	2	56	165	56.0	10,407	7,700	2,613	10,313
South Atlantic.....	42,610	32,723	105	137	4,467	36	1,166	3,265	49.1	182,921	133,559	47,873	181,432
Kentucky.....	10,707	8,166	113	149	1,214	13	347	854	41.4	41,883	29,463	11,972	41,435
Tennessee.....	10,376	7,814	100	132	1,034	13	282	739	42.1	36,276	25,927	9,893	35,820
Alabama.....	7,225	5,472	86	114	622	10	236	376	46.0	23,843	14,413	9,047	23,460
Mississippi.....	6,744	5,156	78	101	523	15	174	334	45.3	19,743	12,608	6,568	19,176
Arkansas.....	7,048	5,256	86	116	608	10	213	385	41.8	21,179	13,411	7,419	20,830
Louisiana.....	4,175	2,985	73	102	303	8	128	167	46.3	11,691	6,443	4,939	11,382
Oklahoma.....	10,507	8,767	123	148	1,297	8	251	1,038	39.7	42,900	34,340	8,304	42,644
Texas.....	26,791	21,140	106	134	2,832	19	523	2,290	41.3	97,468	78,814	18,000	96,814
South Central.....	83,573	64,756	101	130	8,433	96	2,154	6,183	41.8	294,992	215,419	76,142	291,561
Montana.....	1,931	1,451	117	155	225	1	63	161	44.1	8,269	5,017	2,315	8,232
Idaho.....	2,165	1,842	142	167	307	1	53	253	48.4	12,382	10,204	2,138	12,342
Wyoming.....	802	652	128	158	103	(⁵)	25	78	43.1	3,699	2,802	898	3,700
Colorado.....	3,310	2,598	120	153	397	2	84	311	41.5	13,730	10,755	2,905	13,660
New Mexico.....	1,103	908	120	145	132	1	41	90	46.4	5,104	3,480	1,585	5,065
Arizona.....	593	530	137	153	81	(⁵)	16	65	58.7	3,962	3,180	783	3,963
Utah.....	2,870	2,550	147	166	423	1	43	379	51.3	18,083	16,202	1,838	18,040
Nevada.....	277	247	144	162	40	(⁵)	7	33	54.3	1,810	1,493	317	1,810
Washington.....	4,994	4,049	147	181	733	2	112	619	55.3	33,779	28,526	5,161	33,687
Oregon.....	3,184	2,677	148	176	471	3	85	383	54.5	21,391	17,395	3,860	21,255
California.....	16,310	13,625	146	175	2,389	12	188	2,189	53.5	106,510	97,593	8,382	105,975
Western.....	37,539	31,120	141	170	5,301	23	717	4,561	52.0	228,719	197,547	30,182	227,729
United States.....	435,665	350,275	127	158	55,252	240	7,828	47,184	45.3	2,079,846	1,779,576	291,169	2,070,745

¹ Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

² Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

³ Consumed in households of farm producers.

⁴ Value of sales, plus value of those consumed in households of producers.

⁵ Less than half a million.

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TABLE 592.—Eggs: Farm production, disposition, cash receipts, and gross income, by States, 1948

State and division	Hens and pullets		Rate of lay		Eggs produced	Eggs used for farm hatching	Consumed in farm household ³	Eggs sold	Farm price per dozen	Value of eggs produced	Cash receipts (sales)	Value of eggs consumed on farms ⁴	Gross income ⁴
	On hand Jan. 1	Average number during year	Per layer on hand Jan. 1 ¹	Per layer during year ²									
	<i>Thousands</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	2,455	2,052	162	193	397	1	41	355	65.7	21,736	19,436	2,245	21,681
New Hampshire.....	2,191	1,802	157	191	344	2	21	321	67.0	19,207	17,922	1,172	19,094
Vermont.....	968	786	164	202	159	1	27	131	64.3	8,520	7,019	1,447	8,466
Massachusetts.....	4,690	3,894	167	201	781	2	44	735	67.3	43,801	41,221	2,468	43,689
Rhode Island.....	543	442	160	197	87	(⁵)	6	81	66.7	4,836	4,502	333	4,835
Connecticut.....	3,264	2,618	154	192	503	2	31	470	66.9	28,042	26,202	1,728	27,930
New York.....	15,789	12,216	142	183	2,237	2	197	2,038	60.7	113,155	103,089	9,965	113,054
New Jersey.....	9,886	8,043	150	185	1,487	6	43	1,438	62.8	77,820	75,255	2,250	77,505
Pennsylvania.....	21,250	17,719	146	175	3,096	6	245	2,846	58.0	149,640	137,508	11,842	149,350
North Atlantic.....	61,036	49,572	149	183	9,091	22	655	8,414	61.6	466,757	432,154	33,450	465,604
Ohio.....	18,294	14,716	142	177	2,599	4	320	2,275	47.4	102,660	89,862	12,640	102,502
Indiana.....	15,570	12,660	141	173	2,195	3	249	1,943	43.1	78,837	69,786	8,943	78,729
Illinois.....	21,139	16,572	128	164	2,712	5	332	2,375	40.9	92,434	80,948	11,316	92,264
Michigan.....	11,046	8,811	134	168	1,482	2	212	1,268	49.4	61,009	52,199	8,727	60,926
Wisconsin.....	17,047	14,611	146	170	2,488	3	258	2,227	44.9	93,093	83,327	9,654	92,981
East North Central...	83,096	67,370	138	170	11,476	17	1,371	10,088	44.7	428,033	376,122	51,280	427,402
Minnesota.....	27,605	22,148	141	175	3,885	3	307	3,575	40.3	130,471	120,060	10,310	130,370
Iowa.....	32,005	25,331	136	171	4,399	6	355	3,978	40.0	144,633	132,600	11,833	144,433
Missouri.....	21,512	16,693	127	164	2,731	12	351	2,368	38.8	88,302	76,565	11,349	87,914
North Dakota.....	4,731	3,616	113	147	533	1	116	416	36.2	16,079	12,549	3,499	16,048
South Dakota.....	8,845	7,087	127	158	1,119	2	115	1,002	36.3	33,850	30,310	3,479	33,789
Nebraska.....	13,876	11,115	131	163	1,811	4	204	1,603	37.5	56,594	50,094	6,375	56,469
Kansas.....	14,806	12,123	135	165	1,999	6	263	1,730	38.4	63,968	55,360	8,416	63,776
West North Central...	123,380	98,113	133	167	16,417	34	1,711	14,672	39.1	533,897	477,538	55,261	532,799

Delaware.....	979	803	136	166	133	(5)	12	121	56.5	6,262	5,697	565	6,262
Maryland.....	3,879	3,106	129	161	501	1	60	440	52.4	21,877	19,213	2,620	21,833
Virginia.....	9,157	7,156	126	161	1,151	5	227	919	49.2	47,191	37,679	9,307	46,986
West Virginia.....	3,664	2,977	128	158	470	2	116	352	51.2	20,053	15,019	4,949	19,968
North Carolina.....	8,998	6,926	103	133	923	8	314	601	50.3	38,689	25,192	13,162	38,354
South Carolina.....	3,862	2,876	83	111	319	6	140	173	53.4	14,196	7,698	6,230	13,928
Georgia.....	7,240	5,313	83	114	604	10	220	374	53.1	26,727	16,550	9,735	26,285
Florida.....	2,298	1,837	105	132	242	2	59	181	57.6	11,616	8,688	2,832	11,520
South Atlantic.....	40,077	30,994	108	140	4,343	34	1,148	3,161	51.5	186,611	135,736	49,400	185,136
Kentucky.....	10,714	7,987	112	151	1,203	11	312	880	42.4	42,506	31,093	11,024	42,117
Tennessee.....	9,930	7,657	102	133	1,015	13	282	720	43.7	36,963	26,220	10,270	36,490
Alabama.....	6,640	5,363	94	116	622	9	234	379	47.2	24,465	14,907	9,204	24,111
Mississippi.....	6,343	4,919	79	102	503	15	171	317	46.5	19,491	12,284	6,626	18,910
Arkansas.....	6,600	5,046	89	116	587	7	213	367	43.3	21,181	13,243	7,686	20,929
Louisiana.....	3,799	2,920	82	107	313	8	123	182	47.6	12,416	7,219	4,879	12,098
Oklahoma.....	10,475	8,397	123	153	1,286	7	256	1,023	40.6	43,510	34,611	8,661	43,272
Texas.....	26,013	20,363	107	136	2,774	17	528	2,229	42.0	99,170	79,687	18,876	98,563
South Central.....	80,518	62,652	103	133	8,303	87	2,119	6,097	43.2	299,702	219,264	77,226	296,490
Montana.....	1,777	1,461	129	157	230	1	65	164	46.2	8,855	6,314	2,502	8,816
Idaho.....	2,095	1,800	147	171	308	1	53	254	51.2	13,141	10,837	2,261	13,098
Wyoming.....	766	621	136	167	104	(5)	24	80	45.7	3,961	3,047	914	3,961
Colorado.....	3,205	2,564	125	160	411	2	86	323	43.2	14,796	11,628	3,096	14,724
New Mexico.....	1,130	892	118	149	133	1	38	94	48.0	5,320	3,760	1,520	5,280
Arizona.....	649	540	131	157	85	(5)	15	70	62.5	4,427	3,646	781	4,427
Utah.....	2,886	2,582	151	169	436	1	394	51.4	18,675	16,876	1,756	18,632	
Nevada.....	279	255	168	173	44	(5)	7	37	54.7	2,006	1,687	319	2,006
Washington.....	4,764	3,838	151	188	721	3	113	605	59.4	35,690	29,948	5,594	35,542
Oregon.....	3,149	2,542	144	178	452	2	84	366	57.6	21,696	17,568	4,032	21,600
California.....	17,568	14,447	149	181	2,614	12	180	2,422	54.8	119,373	110,605	8,220	118,825
Western.....	38,358	31,542	144	176	5,538	23	706	4,809	53.9	247,940	215,916	30,995	246,911
United States.....	426,465	340,243	129	162	55,168	217	7,710	47,241	47.2	2,162,940	1,856,730	297,612	2,154,342

¹ Number of eggs produced during the year, divided by number of hens and pullets on hand Jan. 1.

² Number of eggs produced during the year, divided by the average number of hens and pullets of laying age on hand during the year.

³ Consumed in households of farm producers.

⁴ Value of sales, plus value of those consumed in households of producers.

⁵ Less than half a million.

Bureau of Agricultural Economics.

TABLE 593.—Eggs: Number produced in specified countries, average 1934-38, annual 1945-48¹

Continent and country	Average 1934-38	1945	1946	1947	1948
North America:	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada.....	2, 638	4, 487	3, 883	4, 484	4, 279
Panama.....				52	
United States.....	35, 498	55, 858	55, 500	55, 252	55, 168
Cuba.....	320	324	300	288	276
Dominican Republic.....			60	60	
Europe:					
Albania.....	143				
Austria.....	663	336	270	285	350
Belgium.....	1, 693	400	1, 100	1, 380	1, 440
Bulgaria.....	682	273			
Czechoslovakia.....	1, 958	596	776	903	1, 110
Denmark.....	1, 979	858	883	995	1, 568
Eire (Ireland).....	1, 086	760	801	733	920
Finland.....	317		93	117	
France.....	6, 200		6, 200	6, 300	6, 100
Germany.....	6, 585				
Greece.....	550	332	349	376	367
Hungary.....	1, 050			650	750
Italy.....	5, 600	2, 400	3, 600	4, 300	4, 600
Luxembourg.....	40			30	35
Netherlands.....	1, 978	200	480	1, 052	1, 280
Norway.....	369	86	155	198	263
Poland and Danzig.....	3, 500		2, 276	2, 683	4, 586
Portugal.....	250				
Rumania.....	1, 500		² 532		
Spain.....	1, 700			1, 992	1, 800
Sweden.....	900	970	1, 149	1, 217	1, 335
Switzerland.....	423	330	391	442	520
United Kingdom—farm ³	⁴ 3, 871	2, 090	2, 418	2, 600	3, 000
total ⁵	⁴ 5, 098	3, 409	3, 850	4, 000	4, 300
Yugoslavia.....	1, 000				
Asia:					
Lebanon.....		65	65	60	48
Palestine.....	108	150	200		
Syria.....	92	105	120	90	110
Turkey.....	1, 003	851	863	895	
Japan.....	3, 553	864	936		
Philippine Islands.....					250
South America:					
Argentina.....	1, 127				
Brazil.....					2, 160
Chile.....			520	460	370
Paraguay.....				100	
Uruguay.....	289		358	326	
Africa:					
Egypt.....	751				
French Morocco.....	1, 000			444	
Union of South Africa.....	(⁶)	480		372	
Oceania:					
Australia ⁷	708	1, 251	1, 358	1, 420	1, 434
New Zealand.....	430				

¹ Relates to farm production in Canada and the United States, but data for many countries not explicit on this point.

² 58 counties.

³ Year ending in May of year indicated.

⁴ 3-year average.

⁵ Includes eggs from non-farm flocks, mostly self suppliers.

⁶ Not available.

⁷ Commercial production.

Office of Foreign Agricultural Relations. Prepared or estimated on the basis of official statistics of foreign governments, reports of U.S. Foreign Service officers, results of office research, and other information.

TABLE 594.—Eggs: Consumption in the United States, total and per capita, 1930-48

Year	Total egg production ¹	Com- mercial storage stocks at beginning of year ²	Imports ³	Exports ³	Eggs used for hatching ³	Com- mercial storage stocks at end of year ²	Consumption ⁴	
							Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1930.....	3,581	66	44	19	149	125	3,398	329
1931.....	3,532	125	34	8	135	109	3,439	331
1932.....	3,327	109	10	2	136	50	3,258	311
1933.....	3,255	50	9	2	137	72	3,103	295
1934.....	3,166	72	8	2	122	72	3,040	287
1935.....	3,081	72	22	2	124	85	2,964	278
1936.....	3,166	85	27	2	134	61	3,081	287
1937.....	3,443	61	32	2	115	112	3,307	306
1938.....	3,424	112	6	2	124	59	3,357	308
1939.....	3,561	59	5	3	133	74	3,415	311
1940.....	3,638	74	7	5	129	77	3,508	317
1941.....	3,839	77	15	155	157	75	3,435	311
1942.....	4,455	75	3	445	183	75	3,484	316
1943.....	4,999	75	1	645	220	100	3,739	346
1944.....	5,365	100	1	713	183	80	3,768	350
1945.....	5,120	80	4	473	211	61	4,295	397
1946.....	5,098	61	1	345	170	109	4,338	374
1947.....	5,065	109	1	229	175	73	4,538	379
1948 ⁵	5,057	73	2	93	170	73	4,707	386

¹ Includes nonfarm production, estimated at 10 percent of farm production.² Shell-egg equivalent of eggs and egg products.³ Estimated from the total number of chickens raised in the United States and the average number of eggs required per bird raised.⁴ Beginning 1941 consumption figures apply only to civilian population.⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 595.—Eggs (shell): Receipts at 6 markets by rail and truck, 1939-48 ¹

Year	New York			Chicago			Philadelphia		
	Rail	Truck	Total	Rail	Truck	Total	Rail	Truck	Total
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
1939.....	4,821	1,542	6,363	2,020	3,067	5,087	704	445	1,149
1940.....	4,552	1,937	6,489	1,965	3,397	5,362	667	583	1,250
1941.....	4,073	1,967	6,040	1,768	3,260	5,028	527	652	1,179
1942.....	3,544	2,271	5,815	1,757	3,461	5,218	388	707	1,095
1943.....	4,105	2,310	6,415	1,670	3,267	4,937	499	626	1,125
1944.....	3,777	2,810	6,587	1,911	2,808	4,719	381	718	1,099
1945.....	5,900	1,754	7,654	1,483	2,556	4,039	678	496	1,174
1946.....	5,520	2,294	7,814	2,272	3,314	5,586	635	602	1,237
1947.....	4,568	2,414	6,982	1,236	2,852	4,088	492	687	1,179
1948.....	3,497	2,870	6,367	1,849	3,845	5,694	448	870	1,318
	Boston			San Francisco			Los Angeles		
1939.....	756	368	1,124	.....	.....	866	.....	.....	1,047
1940.....	617	506	1,123	² 89	² 839	928	.....	.....	1,115
1941.....	592	641	1,233	132	864	996	² 85	² 1,089	1,174
1942.....	431	876	1,307	242	1,044	1,286	99	1,138	1,237
1943.....	754	739	1,493	523	773	1,296	370	846	1,216
1944.....	454	982	1,436	820	937	1,757	293	878	1,171
1945.....	767	538	1,295	535	741	1,276	756	478	1,234
1946.....	443	779	1,227	383	773	1,156	775	857	1,632
1947.....	405	853	1,258	370	766	1,136	621	958	1,579
1948.....	483	886	1,319	254	807	1,061	341	1,013	1,354

¹ Includes intermarket shipments. Reported in cases of 30 dozen.² Rail and truck not separated prior to year indicated.

Production and Marketing Administration.

TABLE 596.—Eggs (shell): Receipts at 6 markets, by origin, 1947 and 1948¹

Origin	New York		Chicago		Philadelphia		Boston		San Francisco		Los Angeles	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases	1,000 cases
Maine.....	1						165	209				
New Hampshire.....	3	1					176	121				
Vermont.....	1						55	58				
Massachusetts.....	16	1					342	245				
Rhode Island.....	7						2	9				
Connecticut.....	25	5					34	51				
New York.....	1,000	777			7	5	57	65				
New Jersey.....	322	430			15	21	1	5				
Pennsylvania.....	853	820	2		352	403	2	1				
Ohio.....	140	161	3	1	63	51	18	24		1		1
Indiana.....	548	332	38	44	3	9	13	19				
Illinois.....	157	161	393	432	110	155	55	94	2	3	3	24
Michigan.....	13	2	10	5		1	32		1			
Wisconsin.....	117	36	1,365	1,725	29	18	6	13	2		3	1
Minnesota.....	1,431	1,279	976	1,570	338	373	62	87	73	59	145	89
Iowa.....	2,107	2,106	1,027	1,472	130	139	190	251	100	75	73	49
Missouri.....	46	23	58	121	4	16	7	5	10	3	17	17
North Dakota.....	20	15	51	72	10	4	2	2	1	1	3	2
South Dakota.....	21	26	49	138	24	26	7	10	5	3	12	8
Nebraska.....	50	20	49	69	8	16	8	6	121	75	144	98
Kansas.....	15	7	16	23	5	1	17	37	30	34	150	117
Delaware.....	8	5			6	7						
District of Columbia.....	1	2										
Maryland.....	41	41	1		57	52						
Virginia.....	4	5			7	9	1					
West Virginia.....					1	1						
North Carolina.....	1	3	1		5	7						
South Carolina.....		1										
Georgia.....												1
Kentucky.....	4	11	2	1	3	2						
Tennessee.....	7	10	2	1	1	2		2				
Mississippi.....	1		1	1								
Oklahoma.....		4								2	2	2
Texas.....		1							1		3	1
Montana.....							1				3	15
Idaho.....		1		1					2	1	26	16
Wyoming.....	1											
Colorado.....	1		40	12	1				3	4	27	4
Arizona.....												1
Utah.....	11	75		1					20	3	385	298
Washington.....									8		6	
Oregon.....	6	1							21	12	5	1
California.....	1	2							734	785	571	610
Canada.....								1				
Total.....	6,982	6,367	4,088	5,694	1,179	1,318	1,258	1,319	1,136	1,061	1,579	1,354

¹ Includes intermarket shipments. Reported in cases of 30 dozen. Parcel-post figures are included in totals as indicated: In 1947 receipts by parcel-post were: New York 2,000 cases; Chicago 4,000 cases; Boston 5,000 cases. In 1948 receipts by parcel-post were: New York 2,000 cases; Chicago 5,000 cases; Boston 4,000 cases.

Production and Marketing Administration.

TABLE 597.—Eggs (shell): Average wholesale price per dozen, at 5 markets, 1939-48

Market and grade	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
New York: ¹ Fresh Firsts.....	18.3	20.3	26.6	33.6	(²)	³ 41.0	⁴ 44.6	⁴ 44.8	⁴ 53.6	⁵ 54.0
Chicago: ⁶ Fresh Firsts.....	17.6	18.9	25.5	33.4	(²)	³ 39.5	⁴ 42.9	⁴ 43.2	⁴ 51.0	⁵ 51.6
Philadelphia: U. S. Extras.....	27.8	27.3	32.4	40.5	42.3	³ 40.5	⁴ 44.7	⁴ 44.6	⁴ 53.2	⁵ 54.1
Boston: Western Firsts.....	18.3	(⁷)	27.1	34.6	(²)	(²)	(²)	(²)	(⁷)	(⁷)
San Francisco: U. S. Extras.....	24.3	24.0	31.2	39.8	47.6	⁸ 45.6	⁸ 48.3	⁸ 50.5	⁸ 59.4	⁸ 60.5

¹ American Egg and Poultry Review, New York, 1939-42; subsequently U.S.D.A. quotations.

² Prices comparable to former series not available on account of changes in grades under OPA Price Control.

³ Extras (grades 1-4) large, wholesale grade.

⁴ Grade of Extras, 1 and 2 large.

⁵ Grade of Extras, large.

⁶ Chicago Price Current 1939-42, and subsequently U.S.D.A. quotations.

⁷ Not available.

⁸ Grade "A."

Production and Marketing Administration.

TABLE 598.—Egg futures: Volume of trading and annual average of open contracts on all¹ contract markets, and the highest and lowest prices per dozen, Chicago Mercantile Exchange, 1939-48

Year	Volume of trading	Average of open contracts	Chicago Mercantile Exchange Price ²		Year	Volume of trading	Average of open contracts	Chicago Mercantile Exchange Price ²	
			Highest	Lowest				Highest	Lowest
	<i>Carlots</i>	<i>Carlots</i>	<i>Cents</i>	<i>Cents</i>		<i>Carlots</i>	<i>Carlots</i>	<i>Cents</i>	<i>Cents</i>
1939.....	48,026	2,672	19.88	13.25	1944.....	28,144	1,204	42.05	31.95
1940.....	35,452	1,626	23.55	13.85	1945.....	44,524	1,202	47.20	32.75
1941.....	54,694	2,223	34.80	14.50	1946.....	143,505	6,023	46.90	30.60
1942.....	19,079	1,141	37.90	31.30	1947.....	132,490	2,726	58.55	31.65
1943 ³	1,547	130	44.50	35.60	1948.....	⁴ 105,791	2,794	53.70	39.75

¹ Chicago Mercantile Exchange and New York Mercantile Exchange.

² Refrigerator Standards, 1939-January 1943; Contract Grade No. 2, February-September 1943; and Refrigerator U.S. Extras from October 1943 to date.

³ Effective Feb. 1, 1943, unit of trading changed from 400 to 600-case carlots.

⁴ Includes 819 carlots of 480 cases (new unit for 1949 contracts).

Commodity Exchange Authority. Trading and open contracts figures compiled from daily reports from exchange clearing members. Prices compiled from records of the Chicago Mercantile Exchange.

TABLE 599.—*Liquid egg: Production and disposition, United States, 1939-48*

Year	Production	Disposition (in terms of liquid egg)			
		Frozen	Dried	For immediate consumption	Frozen eggs, later dried ¹
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1939.....	220,233	177,144	31,000	12,089	.....
1940.....	229,274	189,578	27,050	12,646	.....
1941.....	421,919	237,182	165,972	18,765	.....
1942.....	1,010,106	257,631	731,046	21,429	115,752
1943.....	1,221,012	412,615	782,080	26,317	159,346
1944.....	1,554,037	511,791	1,009,402	32,844	179,146
1945.....	681,571	397,580	265,287	18,704	122,167
1946.....	788,194	392,218	375,945	20,031	84,219
1947.....	682,480	371,096	295,567	15,817	20,538
1948.....	502,141	345,192	140,048	16,901	25,311

PRODUCTION BY CLASSES OF PRODUCT

Year	Whole	Mixed emulsions	Egg whites	Plain yolk	Sugared yolk	Salted yolk	Yolk emulsions
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1939.....	73,368	18,514	68,286	27,323	22,918	9,484	340
1940.....	76,348	18,160	70,845	23,386	22,698	17,654	183
1941.....	213,932	33,332	94,932	34,175	29,534	15,611	403
1942.....	818,982	57,333	70,654	28,443	22,073	11,825	796
1943.....	1,008,703	70,124	78,151	29,338	21,432	10,994	2,270
1944.....	1,355,114	39,369	84,343	42,774	19,143	11,167	2,127
1945.....	514,458	31,281	77,893	32,979	16,636	6,652	1,672
1946.....	540,574	53,055	108,402	44,070	25,296	16,264	533
1947.....	481,821	42,214	89,114	23,285	24,733	21,000	313
1948.....	238,431	68,790	107,503	39,616	31,322	16,432	47

¹ Included in column which shows total frozen.

Bureau of Agricultural Economics. Of the totals shown in this table, the following quantities of liquid, frozen, and dried eggs were processed under Government supervision in recent years: 537,898-763 pounds in 1946; 588,189,201 pounds in 1947, and 345,227,208 pounds in 1948.

TABLE 600.—*Dried egg: Production in United States, 1939-48.*

Year	Whole	Albumen	Yolk	Total	Year	Whole	Albumen	Yolk	Total
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>		<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1939.....	184	2,305	7,550	10,039	1944.....	311,369	2,310	7,063	320,742
1940.....	392	1,916	5,179	7,487	1945.....	96,988	1,710	7,164	105,862
1941.....	31,241	4,391	9,648	45,280	1946.....	115,344	2,112	7,988	125,444
1942.....	226,127	2,253	7,269	235,649	1947.....	80,037	1,493	4,031	85,561
1943.....	252,903	2,093	6,976	261,972	1948.....	36,018	2,678	5,579	44,275

Bureau of Agricultural Economics. Data for 1927-38 in Agricultural Statistics, 1943, table 461.

TABLE 601.—*Eggs and poultry: Volume graded by Federal and Federal-State graders, 1939-48*

Year	Shell eggs	Dressed poultry ¹	Dressed turkeys ²	Year	Shell eggs	Dressed poultry ¹	Dressed turkeys ²
	<i>30-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>		<i>30-dozen cases</i>	<i>Pounds</i>	<i>Pounds</i>
1939.....	1,333,009	14,955,196	18,792,426	1944.....	13,696,136	113,580,769	44,520,374
1940.....	3,322,120	18,921,129	37,625,536	1945.....	9,307,276	163,738,179	86,264,674
1941.....	5,054,515	23,684,057	46,678,648	1946.....	14,096,381	149,293,214	108,513,095
1942.....	4,646,864	47,875,344	52,182,867	1947.....	11,334,107	164,775,065	106,370,084
1943.....	6,693,975	70,271,923	67,106,162	1948.....	15,129,039	165,067,706	94,327,801

¹ Includes all classes of poultry except turkeys.

² On basis of fiscal years ending June of year shown except figures beginning with 1944, which are on a calendar year basis.

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TABLE 602.—*Eggs: Volume graded for packaging with grade labels, 1939-48*¹

Year	U. S. Grade AA ²	U. S. Grade A ³	U. S. Grade B ⁴	Year	U. S. Grade AA ²	U. S. Grade A ³	U. S. Grade B ⁴
	<i>30-dozen cases</i>	<i>30-dozen cases</i>	<i>30-dozen cases</i>		<i>30-dozen cases</i>	<i>30-dozen cases</i>	<i>30-dozen cases</i>
1939.....	90,873	126,945	81,265	1944.....	626,942	410,235	119,675
1940.....	86,102	159,321	93,622	1945.....	1,086,244	415,059	86,836
1941.....	78,507	170,605	116,487	1946.....	1,276,184	625,791	111,471
1942.....	65,935	208,726	150,329	1947.....	1,180,637	733,088	83,739
1943.....	333,696	220,637	127,095	1948.....	646,266	779,803	103,426

¹ The eggs in this tabulation are included in the data in table 601, showing total eggs graded.

² Prior to 1943, designated as U. S. Specials.

³ Prior to 1943, designated as U. S. Extras.

⁴ Prior to 1943, designated as U. S. Standards.

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TABLE 603.—Eggs and dressed poultry: Total and per capita civilian consumption, United States, 1929-48

Year	Eggs		Chickens		Turkeys		Year	Eggs		Chickens		Turkeys	
	Total	Per capita	Total	Per capita	Total	Per capita		Total	Per capita	Total	Per capita	Total	Per capita
	Mil. doz.	Number	Mil. lb.	Lb.	Mil. lb.	Lb.		Mil. doz.	Number	Mil. lb.	Lb.	Mil. lb.	Lb.
1929	3,393	334	2,414	19.8	213	1.7	1939	3,415	311	2,457	18.7	393	3.0
1930	3,398	329	2,656	21.5	222	1.8	1940	3,508	317	2,483	18.7	470	3.5
1931	3,439	331	2,418	19.4	214	1.7	1941	3,435	311	2,715	20.5	469	3.5
1932	3,258	311	2,474	19.7	260	2.1	1942	3,484	316	3,097	23.4	484	3.7
1933	3,103	295	2,560	20.3	297	2.4	1943	3,739	346	3,959	30.5	430	3.3
1934	3,040	287	2,384	18.8	281	2.2	1944	3,768	350	3,467	26.8	426	3.3
1935	2,964	278	2,319	18.1	269	2.1	1945	4,295	397	3,742	28.8	555	4.3
1936	3,081	287	2,332	18.1	344	2.7	1946	4,338	374	3,542	25.4	632	4.5
1937	3,307	306	2,332	18.0	355	2.7	1947	4,538	379	3,387	23.6	643	4.5
1938	3,357	308	2,196	16.8	358	2.7	1948	4,707	386	3,359	23.0	534	3.7

¹ The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by the total population adjusted for underenumeration of children under 5 years of age, and members of the armed forces not eating out of civilian supplies.

² Preliminary.

Bureau of Agricultural Economics. Data on eggs and chickens for 1909-28 in Agricultural Statistics, 1944, table 512.

TABLE 604.—Poultry and poultry products: Cold-storage holdings as of the annual high and low point, 1939-48

Year	Shell eggs		Frozen eggs		Dried eggs ¹		Turkeys		Total poultry ²	
	High (Aug. 1)	Low (Feb. 1)	High (Aug. 1)	Low (Mar. 1)	High	Low	High (Feb. 1)	Low (Oct. 1)	High (Jan. 1)	Low (June 1)
	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1939	7,024	136	144,359	44,476	-----	-----	28,264	7,994	139,108	³ 62,870
1940	7,784	67	154,947	38,070	-----	-----	65,467	⁴ 11,870	167,643	⁵ 76,904
1941	6,641	297	195,187	45,239	-----	-----	65,343	⁴ 8,245	208,365	⁶ 81,206
1942	⁶ 7,935	331	290,829	73,766	-----	-----	59,641	⁸ 8,009	218,392	⁶ 79,200
1943	⁶ 8,871	214	351,169	56,508	-----	-----	37,682	⁸ 5,155	⁷ 197,880	⁷ 20,963
1944	⁶ 11,335	⁸ 675	388,647	⁸ 81,712	⁷ 110,137	⁹ 42,647	48,343	22,347	⁷ 268,128	⁷ 122,729
1945	⁶ 6,120	296	⁶ 255,936	85,499	¹⁰ 111,101	¹¹ 20,066	⁷ 77,533	⁸ 17,796	⁷ 320,745	⁸ 97,211
1946	⁶ 9,871	⁸ 113	⁶ 265,050	⁸ 111,721	¹¹ 20,339	⁸ 7,003	¹⁰ 134,548	44,719	⁹ 363,954	⁸ 173,905
1947	4,268	¹⁰ 221	241,573	73,564	⁶ 43,775	⁸ 10,376	139,571	38,979	⁷ 317,112	⁶ 171,260
1948	⁶ 5,669	⁸ 196	⁶ 266,748	120,665	⁸ 33,207	⁶ 3,865	82,912	³ 13,275	317,463	³ 88,234

¹ Statistics of dried eggs were not gathered prior to 1944.

² Includes stocks of turkeys and other poultry.

³ Sept. 1.

⁴ Nov. 1.

⁵ Aug. 1.

⁶ July 1.

⁷ Dec. 1.

⁸ Jan. 1.

⁹ Feb. 1.

¹⁰ Mar. 1.

¹¹ Oct. 1.

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CHAPTER VIII

STATISTICS OF FOREIGN TRADE IN AGRICULTURAL PRODUCTS

The term "foreign trade" applies to trade between the United States, including noncontiguous Territories, and foreign countries. Trade between continental United States and noncontiguous Territories is referred to as "shipments," and is not included in "foreign trade." The Philippine Islands and, prior to January 1, 1935, the Virgin Islands are included with foreign countries. Alaska, Hawaii, Puerto Rico, and since January 1, 1935, the Virgin Islands are noncontiguous Territories.

Beginning January 1, 1940, trade with foreign countries through the customs district of the Virgin Islands is not included in United States trade statistics. Figures for shipments out of noncontiguous Territories include small quantities to other noncontiguous Territories. In statistics of foreign trade, forest products and distilled liquors are considered nonagricultural products, as distinct from strictly agricultural products. (Explanatory preface continued on page 489.)

TABLE 605.—Value of total and agricultural exports and imports, United States, 1929-47

Year beginning July—	Total domestic exports	Agricultural exports			Total imports ¹	Agricultural imports ²					Excess of domestic agricultural exports over supplementary imports
		Domestic	Percentage (domestic) of total exports	Foreign (reexports)		Total	Supplementary ³	Complementary ³	Supplementary		
									Percentage of total agricultural exports	Percentage of total imports	
<i>Million dollars</i>	<i>Million dollars</i>	<i>Per cent</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Per cent</i>	<i>Per cent</i>	<i>Million dollars</i>	
1929.....	4,618	1,496	32	51	3,849	1,900	889	1,010	59	23	607
1930.....	3,032	1,038	34	29	2,432	1,162	512	650	49	21	526
1931.....	1,908	752	39	23	1,730	834	375	459	50	22	377
1932.....	1,413	590	42	15	1,168	614	283	331	48	24	307
1933.....	2,008	787	39	21	1,674	839	419	420	53	25	369
1934.....	2,085	669	32	20	1,789	934	498	436	74	28	171
1935.....	2,375	766	32	22	2,208	1,141	642	499	84	29	125
1936.....	2,791	732	26	25	2,892	1,537	867	670	118	30	4134
1937.....	3,362	891	26	25	2,331	1,155	588	567	66	25	302
1938.....	2,885	683	24	19	2,079	999	486	513	71	23	197
1939.....	3,744	738	20	48	2,448	1,239	572	667	78	23	166
1940.....	3,959	350	9	43	2,809	1,474	629	845	180	22	4279
1941.....	6,451	1,032	16	62	3,074	1,503	769	734	75	25	263
1942.....	10,028	1,497	15	62	3,015	1,342	963	379	64	32	534
1943.....	14,698	2,305	16	84	3,818	1,774	1,244	530	54	33	1,061
1944.....	12,549	2,191	18	81	3,974	1,729	1,111	618	51	28	1,080
1945 ⁴	8,468	2,854	34	191	4,227	1,887	1,031	856	36	24	1,823
1946 ⁵	12,725	3,613	28	136	5,386	2,716	1,387	1,329	38	26	2,226
1947 ⁵	13,801	3,506	25	56	6,307	2,862	1,444	1,418	41	23	2,062

¹ General imports prior to July 1933; subsequently, imports for consumption. Imports for consumption include imports for immediate consumption, plus withdrawals from bonded warehouses.

² General imports prior to July 1933, excepting wool, where imports for consumption have been used in order to show the degree of competitiveness.

³ Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

⁴ Excess of imports.

⁵ Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and of the United States Tariff Commission.

Beginning January 1942, the value of agricultural exports has been revised to include "Food exported for relief or charity by individuals and private agencies." These figures, for which separate commodity detail is not available, include a small amount of certain foodstuffs other than agricultural. They were not included in Census reports as agricultural.

TABLE 606.—Agricultural products: Value of principal groups exported from and imported into the United States, 1942-47

Product	Year beginning July											
	Domestic exports						Imports for consumption					
							Principal supplementary products ¹					
	1942	1943	1944	1945 ²	1946 ²	1947 ²	1942	1943	1944	1945 ²	1946 ²	1947 ²
<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	
Animals, live:												
Cattle.....	544	1,024	1,911	7,885	4,656	2,320	26,091	17,726	21,660	30,253	22,571	20,322
Horses.....	164	330	629	6,140	13,125	1,193	1,040	1,147	693	1,212	2,043	2,348
Mules, asses, and burros.....	53	590	534	452	2,386	1,688	4	14	8	14	10	3
Other animals, live ²	596	1,329	2,611	2,967	3,126	2,736	840	469	3,307	501	761	9,746
Dairy products:												
Butter.....	8,098	49,559	44,523	13,928	3,165	8,448	1,404	900	14	1,361	4,886	46
Casein and lactarene.....	51	210	522	148	277	118	875	4,482	5,249	7,776	9,365	8,218
Cheese.....	54,255	66,998	75,232	81,045	52,737	42,887	5,321	3,736	876	4,207	7,015	8,521
Milk, condensed and evaporated.....	47,209	55,566	84,738	120,131	88,301	85,308	9	5	336	134	(¹)	1
Milk, dried, whole.....	6,634	13,145	18,968	58,968	48,295	50,013	4	2	(¹)	(¹)	(¹)	1
Nonfat dry milk solids.....	31,025	28,348	33,903	33,200	28,010	39,233	(¹)	0	(¹)	7	(¹)	223
Other dairy products.....	994	1,552	3,265	8,203	15,690	15,255	22	9	5	10	13	90
Eggs, in the shell.....	1,100	637	1,993	8,906	26,284	17,711	207	126	370	467	462	583
Egg products.....	187,638	324,736	269,181	105,172	118,514	69,968	158	1	118	192	7	208
Hides and skins, raw (except furs).....	498	417	558	9,642	16,171	14,915	77,914	58,669	52,412	47,875	86,561	110,396
Meats and meat products:												
Beef, canned, including corned.....	3,309	721	385	40,675	16,034	3,693	12,649	12,115	18,577	4,914	1,164	23,316
Other canned meats.....	295,176	335,849	211,075	194,055	179,031	14,257	1,669	466	343	140	28	1,226
Hams, shoulders, bacon, and sides.....	69,945	67,526	37,067	5,431	7,231	4,450	819	354	19	586	48	115
Pork, pickled or salted.....	22,097	56,365	29,340	8,374	9,976	3,691	952	328	177	189	40	54
Other meats.....	73,176	213,044	106,449	93,931	70,542	49,997	2,015	3,388	12,643	5,677	3,126	5,546
Sausage casings.....	6,821	6,913	8,153	4,718	13,063	9,942	7,166	7,905	8,504	8,479	12,870	12,389
Lard, including neutral.....	78,525	146,370	139,157	74,875	85,486	89,866	124	23	71	(¹)	1	1
Wool and mohair, unmanufactured ¹	128	12,079	775	18,764	3,718	3,517	386,702	217,555	170,645	236,039	208,419	190,420
Cotton.....	134,409	142,830	183,559	416,796	589,283	331,355	17,732	14,967	18,998	29,251	41,504	42,165
Linters.....	957	2,383	2,569	882	3,533	10,021	1,992	1,549	2,131	5,615	4,724	4,243
Fruits:												
Apples, fresh.....	1,107	1,207	4,776	5,967	18,650	9,469	1,152	363	4,859	824	2,459	3,610
Grapefruit, fresh.....	2,459	3,253	3,905	4,965	6,754	3,399	73	27	86	21	65	152
Grapes, fresh.....	2,996	4,215	4,880	4,672	9,561	9,254	142	63	505	592	1,960	811
Oranges, fresh.....	16,655	24,501	24,515	33,022	32,592	21,147	1	5	(¹)	21	46	190
Pears, fresh.....	705	628	996	4,325	11,105	6,143	241	837	729	1,095	743	156
Prunes, dried.....	9,175	13,124	12,820	19,013	22,456	17,039	2	(¹)	(¹)	(¹)	1	1
Raisins.....	10,030	27,763	28,137	14,180	11,975	37,064	11	5	25	1	308	20
Other fruits and preparations (except bananas and plantains).....	29,616	55,915	52,979	54,157	80,407	39,970	12,567	21,631	26,054	41,611	40,050	36,356
Grains and preparations:												
Barley, grain.....	514	666	1,223	5,011	23,858	39,935	17,707	31,700	35,545	5,129	6,130	2,628
Barley, malt.....	3,083	5,975	8,546	13,807	15,121	23,171	838	722	200	241	402	554
Corn, including cornmeal.....	8,919	14,891	22,427	23,309	223,913	78,255	665	326	6,369	1,062	1,519	2,063

Cornstarch and corn flour.....	7,409	6,197	9,505	4,080	12,595	15,812	(4)	43	(4)	54	225	23
Grain sorghums.....	3	66	4,579	3,610	29,568	27,158						
Oats, including oatmeal.....	2,515	3,423	4,948	20,569	28,125	27,775	25,917	56,768	40,952	16,306	1,156	2,106
Rice.....	28,348	34,141	35,201	52,905	74,770	97,262	539	279	18	454	162	183
Rye, grain.....	42	170	2,459	11,522	1,929	6,581	920	8,700	4,109	3,250	4,188	107
Wheat and flour:												
Grain:												
For domestic use.....							821	177,863	52,241	2,746	92	75
For milling in bond and export.....							6,056	12,965	11,349	15,746	3,189	39
Total wheat grain.....	8,607	16,247	36,403	432,300	409,433	859,338	6,877	190,828	63,590	18,492	3,281	114
Flour:												
Wholly of United States wheat.....	24,191	39,101	43,594	131,150	467,343	504,801						
Other wheat flour.....	7,617	15,093	14,846	21,200	15,738	3,011						
Total wheat flour.....	31,808	54,194	58,440	152,350	483,081	507,812	94	202	279	156	16	26
Other grains and preparations.....	7,714	14,549	15,439	22,067	36,911	66,142	1,790	4,341	700	256	613	525
Feeds and fodders:												
Oil cake and oil-cake meal.....	1,211	916	863	142	11,993	5,744	1,793	4,951	3,573	3,873	2,922	3,173
Other feeds and fodders ^a	869	1,536	6,919	6,624	6,649	10,436	9,861	19,778	15,537	23,250	15,096	14,270
Nuts.....	948	5,186	5,453	13,535	31,845	60,767	5,461	13,434	31,444	46,978	47,483	54,613
Oilseeds:												
Copra.....	0	0	0	0	0	0	8,085	6,343	7,940	8,522	86,584	109,777
Flaxseed.....	8	78	26	153	121	244	11,878	42,502	14,425	7,432	4,022	4,390
Soybeans.....	2,000	2,355	7,948	14,179	15,709	13,706	1	1	1	55	(4)	1
Other oilseeds.....	426	341	770	897	1,354	928	9,576	14,189	18,056	16,029	22,700	34,155
Oils and fats, expressed (vegetable):												
Coconut.....	69	15	22	3,249	7,148	7,333	2,728	2,518	2,802	709	2,789	10,464
Cottonseed.....	9,109	1,429	1,266	826	1,835	8,776	1,066	390	2,100	1,947	1	860
Linsed.....	11,752	43,158	28,231	740	309	8,633	4,289	8,915	3,146	8,912	45,500	4,024
Oleomargarine.....	7,448	19,370	13,860	11,525	9,284	2,971	3	(4)	0	1	(4)	67
Palm ^b	45	18	17	17	58	106	2,779	3,286	4,564	1,679	5,267	10,667
Perilla.....	13	(4)	0	0	0	0	55	0	0	3	0	0
Soybean.....	5,602	4,322	13,455	8,743	20,794	29,062	0	(4)	0	(4)	1	50
Tung.....	407	602	1,116	119	533	390	23	557	10	1,995	35,808	23,632
Other oils and fats, expressed (vegetable).....	17,645	10,858	8,441	5,446	7,680	10,638	23,614	21,830	36,131	33,104	43,778	35,101
Seeds, except oilseeds.....	18,444	11,086	19,602	21,942	19,838	14,864	2,229	3,473	6,235	6,307	8,626	10,263
Starch, except cornstarch.....	958	346	397	317	2,297	1,160	(4)	(4)	0	0	215	246
Sugar.....	19,362	58,535	25,282	32,176	35,945	20,810	123,237	209,573	241,914	167,883	302,505	358,075
Molasses, maple sugar and sirup and glucose.....	1,831	1,448	1,487	1,900	7,444	8,390	26,043	57,669	36,687	15,249	19,027	44,037
Tobacco leaf.....	102,333	152,050	234,562	274,558	324,606	204,733	41,442	48,615	70,240	76,640	89,620	68,452
Vegetables and preparations:												
Beans:												
Green or unripe.....	346	553	527	577	560	279	36	200	11	202	380	200
Dried.....	14,870	16,487	21,218	7,945	19,382	31,945	122	554	223	2,160	702	3,027
Onions.....	1,334	1,847	1,976	3,848	4,430	3,710	296	286	83	862	271	2,125
Peas:												
Green.....	78	88	195	228	248	267	746	966	643	490	313	231
Dried.....	3,899	13,701	17,529	26,309	21,988	23,099	57	138	24	148	131	147
Potatoes, white.....	2,221	4,548	3,997	21,843	21,438	21,603	1,458	2,029	11,716	2,910	6,132	5,727
Soya flour.....	480	5,040	2,964	7,675	9,858	42,714						
Vegetables, canned.....	7,415	25,479	29,223	18,875	18,384	19,939	145	6	294	144	1,775	2,374
Vegetables and soups, dehydrated.....	1,251	20,286	39,061	43,567	25,948	9,023						
Other vegetables and preparations.....	16,790	18,857	18,565	25,924	28,025	23,809	16,642	38,631	30,891	33,580	49,943	43,855

TABLE 606.—Agricultural products: Value of principal groups exported from and imported into the United States, 1942-47
—Continued

Product	Year beginning July											
	Domestic exports						Imports for consumption					
							Principal complementary products ¹					
	1942	1943	1944	1945 ²	1946 ²	1947 ²	1942	1943	1944	1945 ²	1946 ²	1947 ²
1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Silk, unmanufactured.....												
Wool, unmanufactured, free in bond for use in carpets, etc.....								245	60,332	78,141	11,678	
Cacao beans, cocoa, and chocolate.....	202	205	296	1,132	1,460	2,912	8,253	8,321	20,193	48,380	48,801	74,129
Coffee ³	333	423	334	3,161	4,499	6,612	30,420	42,185	52,823	53,569	105,993	192,300
Tea.....							222,747	320,160	312,426	403,378	539,590	654,976
Bananas and plantains.....							18,050	28,368	30,512	31,304	33,138	37,923
Rubber, crude ¹⁰	(⁸) (⁴)	0	0	13	7	31	12,875	17,678	26,094	33,432	48,174	50,218
Pepper.....	14	16	(⁴)	(⁴)	0	0	36,585	49,635	99,631	142,356	341,763	258,733
Vanilla beans.....	(⁸) (⁴)	4	0	0	0	0	5	1	342	664	13,867	12,820
Licorice root.....							3,392	3,929	8,535	5,951	10,229	6,699
Pyrethrum or insect flowers.....	3	(⁴)	49	45	93	(⁴)	704	490	663	2,507	2,469	600
							1,294	1,289	4,288	5,209	4,212	
Total of above products.....	1,444,813	2,230,829	2,094,856	2,755,219	3,493,200	3,360,842	1,243,235	1,635,666	1,595,618	1,721,258	2,487,549	2,636,370
Other agricultural products.....	41,818	38,823	48,010	75,038	82,593	82,882	98,381	138,483	133,552	165,441	228,884	225,422
Food exported for relief or charity by individuals and private agencies ¹¹	⁸ 10,389	35,598	47,768	24,047	37,210	62,266						
Total agricultural products.....	1,497,020	2,305,250	2,190,634	2,854,304	3,613,003	3,505,990	1,341,616	1,774,149	1,729,170	1,886,699	2,716,433	2,861,792
Lend-lease.....	1,223,177	1,842,54 (⁴)	1,529,436	670,070	20,871	0						
UNRRA.....			12 32,766	695,169	400,639	10,762						
Total supplementary ¹							862,918	1,243,704	1,111,438	1,031,214	1,386,971	1,444,162
Total complementary ¹							378,698	530,445	617,732	855,485	1,329,462	1,417,630

¹ Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

² Preliminary.

³ Imports include horses and mules for immediate slaughter and teams of immigrants.

⁴ Less than 500.

⁵ Imports exclude wool imported free in bond for manufacture of carpets, rugs, etc.

⁶ Excludes corn, barley, oats, grain sorghums, and wheat (unfit for human consumption).

⁷ Exports include palm-kernel oil.

⁸ January-June.

⁹ Coffee imported through the customs district of Puerto Rico is considered a supplementary import and is excluded from the complementary value.

¹⁰ Imports exclude value of rubber salvaged from the high seas.

¹¹ These figures include a small amount of certain foodstuffs other than agricultural. They were not included in Census reports as agricultural.

¹² September-June.

Office of Foreign Agricultural Relations. Compiled from official records of the Bureau of the Census and of the United States Tariff Commission.

TABLE 607.—Agricultural products: Value of shipments between continental United States and noncontiguous Territories, 1929-47

Year beginning July—	Shipments							
	To the United States from—				From the United States to—			
	Hawaii	Puerto Rico	Alaska	Virgin Islands †	Hawaii	Puerto Rico	Alaska	Virgin Islands †
1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
1929	98,069	75,484	325	-----	17,372	26,378	8,277	-----
1930	102,919	75,033	280	-----	15,870	23,695	6,565	-----
1931	92,189	67,481	114	-----	14,480	17,635	5,207	-----
1932	79,739	58,628	31	-----	11,693	16,317	4,581	-----
1933	86,775	65,770	87	-----	14,943	19,138	5,686	-----
1934	91,460	60,027	137	788	17,311	22,619	7,513	186
1935	110,605	75,185	90	242	19,509	26,518	8,293	426
1936	119,322	86,590	117	496	19,052	27,571	8,300	474
1937	106,891	62,447	86	416	21,076	25,779	8,066	596
1938	99,240	64,379	52	240	20,337	21,200	8,734	528
1939	99,053	66,776	69	521	23,111	27,684	8,504	619
1940	109,309	70,460	70	139	32,155	31,685	10,368	715
1941	96,764	75,803	81	222	34,573	40,247	14,786	1,178
1942	98,877	69,209	14	52	29,994	12,115	16,244	1,545
1943	98,601	74,335	11	319	36,887	13,392	13,914	1,418
1944	70,299	66,630	6	570	40,497	22,391	13,795	1,354
1945 ‡	95,962	107,378	21	184	59,151	57,572	16,327	2,581
1946 ‡	135,996	111,717	33	792	66,295	99,924	21,559	2,267
1947 ‡	137,005	138,627	12	155	59,252	111,591	13,357	2,417

† Reported as a foreign country prior to Jan. 1, 1935.

‡ January-June, 1935.

§ Preliminary.

¶ Period covered, July-March. Under the provisions of Public Law 476, 80th Congress, enacted April 7, 1948, shippers are exempted from the requirement of filing declarations for merchandise moving between continental United States and the Territories of Alaska and Hawaii; and masters of vessels are also exempted from the requirement of filing manifests of such cargo aboard vessels leaving continental United States ports for Alaska and Hawaii or leaving ports in Alaska and Hawaii for continental United States ports or ports in other Territories and possessions of the United States. As a result of these exemptions, information on trade between continental United States and Alaska and Hawaii was discontinued after publication of the statistics for March 1948.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census.

Preface, continued from page 485:

Export statistics include commercial, E.C.A.¹, United States Foreign Relief Interim Aid, Greek-Turkish Aid, UNRRA, and Lend-Lease. Beginning January 1, 1947, they also include exports under the Army Civilian Supply Program, for which comparable data for earlier years are not available at the Bureau of the Census. Excluded from the export figures are shipments to the United States armed forces abroad for their own use, shipments between continental United States and the Territories and possessions, and shipments between the Territories and possessions. Prior to July 1945, shipments by and for the account of, or consigned to, United States Government agencies and establishments abroad, were also excluded. The value of food exported for relief and charity by individuals or private agencies, for which separate commodity detail is not available, is not included in agricultural exports.

¹ As in the case of exports under other special programs, Economic Cooperation Administration exports measure only the exports of merchandise from the United States under the program. The Economic Cooperation Administration export figures will not check with figures on Economic Cooperation Administration authorizations, expenditures, etc., which may include funds used or intended for future exports or for off-shore procurements, etc.

TABLE 608.—*Index numbers of quantities of United States agricultural exports, 1929-47*

[Calendar years 1924-29=100]

Year beginning July—	Total agricultural ¹	Cotton, including linters	Agricultural, except cotton	Tobacco, unmanufactured	Fruits	Wheat and flour	Other grains	Pork, cured	Lard, including neutral
1929.....	85	84	87	118	92	83	54	71	102
1930.....	79	83	76	116	129	71	28	42	76
1931.....	86	106	67	82	114	74	23	27	70
1932.....	75	102	50	76	101	22	27	25	72
1933.....	74	99	52	92	105	20	17	27	70
1934.....	49	60	38	70	86	12	13	22	29
1935.....	57	76	40	86	118	8	15	15	11
1936.....	51	68	36	82	88	12	9	13	13
1937.....	70	70	70	94	114	58	141	16	24
1938.....	57	43	70	95	137	63	95	21	30
1939.....	63	77	50	67	88	29	58	17	33
1940.....	25	15	34	35	38	22	46	7	24
1941.....	49	14	82	61	62	19	51	70	84
1942.....	55	15	92	62	52	18	36	81	70
1943.....	67	15	115	74	70	27	39	75	106
1944.....	64	20	105	97	69	31	49	38	109
1945 ²	96	43	146	110	75	175	70	6	57
1946 ²	100	46	150	122	99	201	168	8	41
1947 ²	90	24	151	83	88	266	109	2	43

¹ Based on data for 74 agricultural export classifications. Beginning Jan. 1, 1947, includes exports under the Army Civilian Supply Program.

² Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census.

TABLE 609.—*Index numbers of quantities of United States agricultural imports, 1929-47*

[Calendar years 1924-29=100]

Year beginning July—	Total agricultural ¹	Complementary ²	Supplementary ²	Sugar	Supplementary, except sugar	Wool, excluding free for carpets	Hides and skins	Dairy products	Vegetable oils and oil-seeds	Grains, grain products, and feeds	Tobacco, leaf
1929.....	106	110	101	88	106	83	126	88	116	83	87
1930.....	95	110	75	81	73	29	70	58	98	127	84
1931.....	90	108	69	80	64	19	65	54	91	75	79
1932.....	79	94	60	78	53	8	54	51	79	52	64
1933.....	92	106	74	72	74	39	85	41	110	124	48
1934.....	90	97	83	79	84	19	54	67	113	314	62
1935.....	103	106	98	80	105	70	81	56	143	325	72
1936.....	116	115	118	75	134	126	82	80	154	550	74
1937.....	92	102	80	73	82	30	50	52	124	145	66
1938.....	91	102	77	66	81	46	71	50	116	79	75
1939.....	102	113	87	82	89	112	76	51	103	111	75
1940.....	128	146	104	89	110	328	104	22	93	118	79
1941.....	102	100	104	62	121	389	116	32	98	119	77
1942.....	78	44	122	48	150	898	103	36	43	220	92
1943.....	89	61	125	82	140	488	70	21	57	805	80
1944.....	84	67	106	90	111	382	57	5	53	445	86
1945 ²	86	79	94	52	109	561	47	17	42	123	84
1946 ²	102	104	98	72	108	457	53	25	81	38	100
1947 ²	100	110	87	79	90	296	62	16	72	15	80

¹ Based on data for 122 agricultural import classifications.

² Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 95 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and spices.

³ Preliminary.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and the United States Tariff Commission.

TABLE 610.—Exports of principal domestic agricultural products, 1938-47

Year beginning July—	Dairy products						Poultry products		Animal fats	
	Butter	Cheese	Milk and cream				Eggs		Lard including neutral	Tallow, edible and inedible
			Evaporated (un-sweetened)	Condensed (sweetened)	Dried whole	Nonfat dried, solids	In the shell	Dried		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozen	1,000 pounds	1,000 pounds	
1938.....	2,277	1,497	24,294	2,503	5,466	3,911	2,238	(1)	239,469	1,138
1939.....	2,656	1,703	35,591	4,314	6,575	2,053	4,138	(1)	256,804	1,893
1940.....	2,875	22,794	189,695	60,725	10,313	16,960	17,047	(1)	187,102	3,167
1941.....	6,782	208,555	681,129	53,733	14,358	53,592	19,108	2 75,930	664,066	3,025
1942.....	19,727	215,314	476,974	15,886	22,482	223,060	2,536	184,972	552,180	26,286
1943.....	111,950	232,741	466,705	45,435	37,844	187,529	1,331	258,819	839,182	19,836
1944.....	80,072	242,324	537,979	112,569	45,059	206,669	4,964	210,689	856,629	18,819
1945 ³	31,587	249,499	872,352	93,746	141,537	198,171	20,175	84,446	452,312	10,269
1946 ³	4,840	153,500	580,487	75,100	103,157	176,681	56,960	86,364	322,711	22,093
1947 ³	10,547	103,930	434,541	128,898	103,767	258,901	33,976	56,092	342,374	57,117

Year beginning July—	Meats										Cotton linters
	Beef and veal			Pork				Canned meats			
	Fresh or frozen	Pickled or cured	Canned	Fresh or frozen	Pickled or salted	Canned	Hams and shoulders, cured	Bacon and sides	Sau-sage	Other canned meats	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales ⁴
1938.....	5,454	6,353	1,813	16,186	13,295	9,433	58,724	13,266	1,584	1,731	289
1939.....	7,534	9,163	1,215	53,216	18,572	9,100	36,855	22,612	1,652	2,435	433
1940.....	7,449	7,469	453	9,167	27,403	4,526	17,607	7,549	2,145	12,649	30
1941.....	10,349	10,641	10,703	18,341	74,040	155,343	86,827	168,538	246,678	44,060	41
1942.....	8,894	5,264	10,995	190,380	139,208	249,182	108,148	179,151	432,400	84,791	17
1943.....	32,214	10,954	2,689	609,473	321,045	181,502	143,813	130,458	272,140	439,527	77
1944.....	6,665	5,100	1,161	355,193	194,105	112,730	69,260	73,498	230,567	208,582	64
1945 ³	280,233	9,648	150,480	59,010	55,790	73,537	12,123	9,775	70,535	552,502	28
1946 ³	99,575	5,524	54,104	28,945	48,611	46,841	3,898	26,493	20,714	229,908	60
1947 ³	65,048	6,947	9,361	3,668	14,197	7,083	5,046	3,968	4,796	20,732	262

Year beginning July—	Cotton	Glucose, liquid	Sugar	Fruits							
				Fresh							
				Grape-fruit ⁵	Lemons ⁶	Oranges ⁶	Apples ⁶	Grapes	Peaches	Pears	
	1,000 bales ⁴	1,000 pounds	1,000 tons ⁵	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	3,605	40,154	80	99,220	66,021	606,463	544,404	79,857	10,436	170,971	
1939.....	6,471	111,843	210	63,194	46,333	308,354	144,247	59,961	8,779	93,061	
1940.....	1,253	29,709	60	61,406	37,976	333,745	38,502	61,046	7,823	23,565	
1941.....	1,202	27,961	133	66,803	41,175	375,314	78,597	64,203	5,987	23,431	
1942.....	1,325	9,664	215	82,506	35,589	409,671	19,570	44,051	6,044	10,087	
1943.....	1,340	9,405	617	92,778	39,130	493,164	14,107	47,503	11,106	6,043	
1944.....	1,751	13,806	208	103,217	40,681	500,785	57,784	44,805	10,104	11,782	
1945 ³	3,698	11,313	293	149,681	47,989	635,640	57,404	58,133	21,874	48,904	
1946 ³	3,935	52,444	277	217,832	37,575	685,318	232,021	72,182	20,475	107,676	
1947 ³	1,956	45,150	121	149,304	24,436	560,572	126,996	94,353	26,649	70,436	

See footnotes at end of table.

TABLE 610.—Exports of principal domestic agricultural products, 1938-47
—Continued

Year beginning July—	Fruits—Continued									
	Dried or evaporated									
	Apples ¹⁰	Apri-cots	Peaches	Pears	Prunes	Raisins	Fruits for salad	Figs	Other dried fruits	Total dried fruits
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	35,054	28,840	8,238	8,716	214,032	153,244	20,862	(¹¹)	3,375	472,361
1939.....	17,074	31,921	5,169	4,931	119,046	126,771	15,112	(¹¹)	3,602	324,116
1940.....	3,526	2,908	1,604	787	38,035	86,332	3,581	(¹¹)	4,171	140,944
1941.....	15,749	14,624	6,940	6,407	202,101	101,333	3,029	(¹¹)	21,105	371,288
1942.....	11,044	10,730	10,510	1,700	100,641	147,158	2,112	² 682	3,057	287,634
1943.....	14,806	12,074	14,671	3,710	122,714	237,507	(¹²)	2,487	1,127	409,096
1944.....	9,977	15,793	25,773	5,954	91,194	187,580	15	2,145	52	338,483
1945 ³	3,692	2,737	4,193	1,226	154,414	110,606	3,858	2,538	119	283,383
1946 ³	9,923	6,859	25,363	1,211	137,740	60,738	20,511	4,125	3,926	270,396
1947 ³	3,727	4,818	2,848	846	213,034	261,940	265	1,460	300	489,238

Year beginning July—	Fruits—Continued									
	Canned									Fruit juices
	Apples, incl. sauce	Apri-cots	Grape-fruit	Peaches	Pears	Pine-apples	Fruits for salad	Other canned fruits	Total canned fruits	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons
1938.....	14,999	33,076	44,589	96,651	77,287	22,164	43,148	17,301	349,215	3,196
1939.....	12,926	33,145	53,702	86,410	61,917	20,501	46,389	20,091	335,081	4,438
1940.....	704	610	480	3,963	2,447	1,585	3,312	3,480	16,581	4,254
1941.....	1,757	6,040	1,273	17,962	16,759	1,916	4,115	32,978	82,800	5,980
1942.....	586	12,010	157	12,037	5,701	563	1,277	3,903	36,234	6,545
1943.....	3,779	9,661	3,358	29,888	22,795	16,253	11,144	26,523	123,401	9,037
1944.....	500	21,751	1,502	35,541	12,288	15,056	4,803	2,416	93,857	5,113
1945 ³	1,135	31,443	116	26,922	11,575	21,903	17,390	5,898	116,382	15,355
1946 ³	2,661	33,242	44,610	51,682	16,805	17,333	30,416	14,163	210,912	21,574
1947 ³	2,075	11,969	773	30,834	10,045	14,067	20,044	8,535	98,342	15,271

Year beginning July—	Grain, meal, and flour (in terms of grain)							Corn starch and flour	Oilcake and oilcake meal		
	Barley ¹³	Corn ¹⁴	Oats ¹⁵	Rice, cleaned ¹⁶	Rye ¹⁷	Wheat ¹⁸	Grain sor-ghums		Cotton-seed	Lin-seed	Soy-bean
		1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	Tons ¹⁹	Tons ¹⁹	Tons ^{19}
1938.....	11,292	67,021	5,106	343,969	784	115,784	377	197,739	17,405	238,945	² 18,928
1939.....	4,827	35,438	1,393	304,995	732	54,274	2	223,643	6,062	190,835	58,148
1940.....	1,987	21,866	1,256	394,017	245	40,557	2	231,993	873	3,237	19,981
1941.....	3,421	20,221	4,775	458,366	23	35,833	2	229,396	733	6,471	19,100
1942.....	2,178	9,062	3,186	424,479	15	33,401	2	216,412	1,735	8,716	19,330
1943.....	3,144	10,929	3,465	499,006	110	51,108	38	126,314	633	1,074	14,685
1944.....	4,694	15,769	5,021	509,197	1,747	56,711	2,772	143,675	11	953	11,265
1945 ³	9,256	13,786	21,247	712,467	6,229	318,695	2,430	63,013	12	247	1,001
1946 ³	16,000	108,334	23,380	841,382	573	367,430	18,388	224,046	4,764	1,686	116,059
1947 ³	24,143	33,695	20,737	911,236	2,247	480,666	12,812	204,718	8,539	12,588	36,555

See footnotes at end of table.

TABLE 610.—Exports of principal domestic agricultural products, 1938-47
—Continued

Year beginning July—	Peanuts, shelled ²⁰	Soy-beans	Vegetable oils								Hops
			Corn oil ²¹	Cotton-seed oil ²¹	Linseed oil	Cocoa butter	Coco-nut oil ²¹	Peanut oil ²²	Soy-bean oil ²²	Oleo-mar-garine	
1938.....	1,000 pounds 605	1,000 pounds 214, 259	1,000 pounds 111	1,000 pounds 4, 212	1,000 pounds 815	1,000 pounds 2, 959	1,000 pounds 8, 501	1,000 pounds 2, 5	1,000 pounds 6, 882	1,000 pounds 308	1,000 pounds 4, 173
1939.....	601	709, 999	272	18, 590	4, 552	24, 958	33, 731	2, 962	16, 640	454	8, 058
1940.....	637	5, 077	218	15, 744	5, 262	9, 782	66, 393	5, 522	16, 007	3, 449	9, 031
1941.....	6, 071	32, 392	314	7, 796	41, 285	6, 632	15, 801	3, 957	12, 456	4, 778	10, 158
1942.....	3, 224	41, 812	10, 083	58, 194	83, 764	1, 214	426	641	40, 890	48, 111	8, 108
1943.....	20, 625	57, 664	474	9, 571	294, 359	2, 474	65	451	31, 571	114, 127	7, 055
1944.....	17, 319	177, 368	192	8, 121	185, 778	965	83	157	88, 309	74, 707	8, 524
1945 ³	37, 833	302, 496	401	5, 895	4, 025	1, 598	39, 907	531	53, 023	61, 021	14, 398
1946 ³	149, 088	230, 516	172	7, 479	933	1, 503	43, 138	707	86, 868	42, 620	12, 159
1947 ³	337, 317	179, 111	295	32, 366	27, 560	495	37, 238	2, 094	128, 668	9, 777	11, 114

Year beginning July—	Tobacco, unmanufactured										Stems, trim-mings, and scrap
	Leaf										
	Bright flue-cured	Burley	Dark-fire Kentucky and Tennessee	Dark Virginia	Mary-land and Ohio export	Cigar leaf	One sucker	Other leaf tobacco	Total leaf tobacco		
1938.....	1,000 pounds 362, 501	1,000 pounds 10, 675	1,000 pounds 47, 636	1,000 pounds 8, 958	1,000 pounds 4, 944	1,000 pounds 3, 017	1,000 pounds 1, 371	1,000 pounds 10, 569	1,000 pounds 449, 671	1,000 pounds 24, 087	
1939.....	252, 208	11, 599	35, 029	6, 139	4, 885	630	2, 592	7, 728	320, 810	21, 344	
1940.....	135, 517	4, 885	11, 575	3, 004	1, 906	555	1, 094	4, 126	162, 662	16, 964	
1941.....	253, 768	5, 592	7, 544	3, 163	1, 614	1, 756	184	3, 911	277, 532	1, 476	
1942.....	251, 836	4, 869	10, 724	6, 888	2, 063	578	280	4, 612	281, 750	192	
1943.....	309, 483	6, 362	10, 180	4, 680	1, 229	774	772	2, 671	336, 151	775	
1944.....	395, 320	6, 269	28, 892	3, 363	1, 712	4, 141	1, 372	3, 261	444, 690	746	
1945 ³	423, 884	24, 353	48, 509	8, 965	4, 463	5, 741	3, 025	7, 352	526, 292	9, 586	
1946 ³	480, 586	36, 958	25, 150	7, 274	5, 882	4, 363	3, 699	6, 900	570, 812	21, 204	
1947 ³	312, 814	37, 801	18, 766	7, 282	6, 416	6, 404	1, 818	6, 532	397, 833	13, 537	

Year beginning July—	Vegetables and preparations										Soya flour
	Vegetables, fresh or dried										
Beans, dried	Cab-bage	Car-rots	Celery	Lettuce	Onions	Peas, dried	Toma-toes	Pota-toes, Irish	Soups and vegeta-bles, dehy-drated		
1938.....	1,000 pounds 26, 039	1,000 pounds (23)	1,000 pounds (23)	1,000 pounds (23)	1,000 pounds (23)	1,000 pounds 45, 715	1,000 pounds 12, 879	1,000 pounds 22, 365	1,000 pounds 162, 154	1,000 pounds (11)	
1939.....	80, 269	(23)	(23)	(23)	(23)	51, 571	31, 960	23, 544	151, 110	(11)	
1940.....	73, 333	(23)	(23)	(23)	(23)	52, 612	20, 330	25, 719	149, 703	(11)	
1941.....	232, 654	(23)	(23)	(23)	(23)	55, 686	40, 835	25, 447	155, 694	(11)	
1942.....	267, 663	(23)	(23)	(23)	(23)	34, 954	60, 427	33, 458	76, 675	² 4, 115	
1943.....	272, 928	(23)	(23)	(23)	(23)	40, 165	214, 410	37, 272	151, 852	² 9, 927	
1944.....	251, 044	² 39, 662	² 37, 307	² 26, 365	² 38, 681	42, 170	236, 550	32, 646	125, 784	54, 559	
1945 ³	87, 347	47, 836	52, 104	42, 326	59, 372	72, 824	330, 127	50, 789	841, 505	105, 514	
1946 ³	149, 612	37, 617	49, 670	31, 474	63, 709	122, 920	283, 270	43, 510	786, 016	48, 289	
1947 ³	260, 878	70, 633	34, 589	2, 486	15, 955	62, 968	258, 021	26, 383	1, 000, 122	134, 665	
										94, 201	176, 517
										46, 894	612, 680

See footnotes at end of table.

TABLE 610.—Exports of principal domestic agricultural products, 1938-47
—Continued

Year beginning July—	Vegetables and preparations—Continued										
	Vegetables, canned										
	Aspara- gus	Baked beans, and pork and beans	Beans, string or string- less	Corn	Peas	Soups	Toma- toes	Tomato juice	Tomato paste and puree	Other canned	Total canned vege- tables
1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1938.....	13,762	5,753	(23)	2,817	5,000	3,096	1,962	2,691	3,901	5,413	44,395
1939.....	7,946	36,502	(23)	2,270	5,050	14,077	11,849	3,005	8,613	6,371	95,683
1940.....	2,863	4,843	(23)	1,948	4,742	3,943	21,765	2,488	5,920	6,329	54,841
1941.....	3,791	88,610	(23)	2,343	10,102	6,230	107,389	4,735	8,616	44,310	276,126
1942.....	1,499	14,809	(23)	1,073	7,598	3,689	8,269	2,727	16,544	31,634	87,842
1943.....	686	30,275	(23)	651	54,356	6,158	26,950	985	23,790	139,260	283,110
1944.....	865	47,728	² 17,529	558	41,843	5,203	34,547	1,242	26,848	102,899	279,262
1945 ³	3,515	16,878	11,188	3,803	29,893	9,078	8,894	91,658	9,945	43,421	228,273
1946 ³	11,481	8,020	4,613	5,631	29,166	13,756	1,990	27,202	17,579	29,967	149,405
1947 ³	10,698	9,733	20,757	8,933	36,257	12,636	12,799	10,602	23,879	29,318	175,612

¹ Not separately classified prior to Jan. 1, 1942.

² January-June.

³ Preliminary.

⁴ Beginning January 1946 and prior to 1943, bales of 500 pounds each; for the period 1943-1945, bales of 478 pounds each.

⁵ Tons of 2,000 pounds each.

⁶ Converted from boxes on the basis of 1 box, beginning 1942,=78 pounds. Prior to 1942, 1 box=76 pounds.

⁷ Converted from boxes on the basis of 1 box, beginning 1942,=79 pounds. Prior to 1942, 1 box=76 pounds.

⁸ Converted from boxes on the basis of 1 box, beginning 1942,=84 pounds. Prior to 1942, 1 box=80 pounds.

⁹ Includes barrels, baskets, and boxes. 1 barrel=140 pounds, 1 basket=48 pounds, and 1 box=44 pounds.

¹⁰ Includes apple waste (except pomace).

¹¹ Not separately classified prior to Jan. 1, 1943.

¹² Less than 500.

¹³ Beginning 1944, 1 bushel of malt (34 lb.), the product of 1 bushel of barley grain (48 lb.) prior to 1944, 1.1 bushels of malt the product of 1 bushel of grain.

¹⁴ Beginning 1946, 100 pounds of degermed cornmeal, the product of 3.16 bushels of corn. Prior to 1946, the factor for nondegermed meal (1 barrel of meal the product of 4 bushels of corn) has been used.

¹⁵ Beginning 1943, 100 pounds of oatmeal the product of 7.6 bushels of oats. Prior to 1943, 18 pounds of meal the product of 1 bushel of oats.

¹⁶ 162 pounds of paddy or rough rice is equal to 105.3 pounds of milled rice.

¹⁷ Rye grain only.

¹⁸ Includes domestic flour and flour ground from imported wheat. From July 1944 through February 1946, 100 pounds of flour the product of 2.33 bushels of wheat. (This is equivalent to 4.56 bushels of wheat per barrel of flour.) Beginning March 1946, the factor varies from month to month, being a weighted average based on the proportion of higher extraction flour sent to certain destinations. From July 1921 through June 1944, 1 barrel flour the product of 4.7 bushels of wheat.

¹⁹ Tons of 2,240 pounds each.

²⁰ Includes peanuts not shelled prior to Jan. 1, 1945.

²¹ Includes crude and refined.

²² Refined only prior to 1941; 1941 to date includes crude and refined.

²³ Not separately classified prior to Jan. 1, 1945.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census.

TABLE 611.—Imports (for consumption) of principal agricultural products, 1938-47

Year beginning July—	Dairy products						Eggs and egg products				Tallow, edible and inedible
	Milk and cream, fresh and sterilized	Cheese				Butter	Casein or lactarene	In the shell	Dried	Frozen and otherwise preserved	
		Swiss	Cheddar	Other	Total						
	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dozen	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	9	13,017	2,008	39,652	54,677	1,151	558	291	1,068	169	1,062
1939.....	23	12,106	5,607	37,578	55,291	1,184	27,351	270	1,888	(¹)	1,834
1940.....	17	2,289	601	19,423	22,313	1,811	36,412	313	2,860	12	5,560
1941.....	12	436	5	15,327	15,768	16,465	31,885	10,094	2,102	(¹)	76,241
1942.....	133	379	6,862	23,463	30,704	7,588	5,216	622	337	42	56,404
1943.....	109	1,692	78	17,464	19,234	3,678	46,331	274	2	0	57,507
1944.....	(¹)	90	18	3,914	4,022	30	55,841	1,014	115	47	65,955
1945 ²	0	65	359	13,316	13,740	3,869	47,494	787	215	2	3,852
1946 ²	1	595	10	15,069	15,674	10,628	28,678	710	3	2	1,216
1947 ²	0	1,939	18	14,978	16,935	50	34,984	819	117	5	1,277

Year beginning July—	Beef and veal			Hides and skins (except furs)						
	Fresh	Canned, incl. corned	Pickled or cured	Calf and kip	Cattle		Goat and kid	Sheep and lamb	Other hides and skins	Total hides and skins ³
					Wet salted	Dry or drysalted				
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	2,124	80,653	1,919	32,495	106,275	3,682	68,658	50,103	19,261	280,474
1939.....	3,034	82,942	1,912	17,315	129,144	9,970	69,167	62,402	29,713	317,711
1940.....	26,690	62,467	1,448	24,414	259,676	22,443	68,075	75,332	24,131	474,071
1941.....	33,563	123,819	10,322	24,033	288,082	41,210	74,998	78,631	26,723	533,677
1942.....	4,164	76,224	6,119	15,638	224,314	27,013	56,143	111,648	26,334	461,090
1943.....	1,710	68,086	4,989	12,766	109,705	19,605	44,455	88,296	27,886	302,713
1944.....	3,206	108,576	10,751	8,674	62,810	9,116	36,802	91,333	30,077	238,812
1945 ²	2,908	28,749	10,991	2,599	15,229	5,463	28,294	101,808	27,503	180,896
1946 ²	2,450	4,084	8,184	3,879	35,745	12,793	53,514	64,395	33,161	203,487
1947 ²	1,550	75,126	2,556	7,190	96,172	8,205	63,307	54,882	25,850	255,606

Year beginning July—	Wool, unmanufactured			Vegetable fibers, unmanufactured						
	Duti-able	Free in bond for manuf-acture	Total wool	Cotton	Linters	Flax	Jute and jute butts	Manila or abaca	Sisal and henequen	Other fibers ⁶
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales ⁴	1,000 bales ⁴	Tons ⁵	Tons ⁵	Tons ⁵	Tons ⁵	Tons ⁵
1938.....	65,969	129,694	195,663	166	50	3,476	37,702	32,637	104,359	27,792
1939.....	161,661	147,784	309,445	173	65	5,752	45,924	55,739	143,940	34,020
1940.....	472,803	177,175	649,978	203	247	2,418	55,708	70,400	131,158	39,354
1941.....	561,272	132,408	693,680	293	225	6,409	80,007	78,663	162,152	67,749
1942.....	1,294,518	35,765	1,330,283	182	81	6,000	109,178	1,106	176,625	29,247
1943.....	703,674	35,681	739,355	145	74	2,931	52,493	1,445	186,648	30,576
1944.....	551,387	93,041	644,428	186	151	3,077	29,668	8,641	172,489	24,995
1945 ²	808,649	237,254	1,045,903	331	260	3,198	77,734	19,626	128,096	19,920
1946 ²	659,695	194,024	853,719	304	98	5,673	35,464	55,477	114,278	31,449
1947 ²	426,746	298,139	724,885	302	121	2,401	73,837	82,695	128,189	23,112

See footnotes at end of table.

TABLE 611.—Imports (for consumption) of principal agricultural products, 1938-47—Continued

Year beginning July—	Fruits and preparations								Pineapples		
	Avo-cados	Bananas	Berries, fresh	Dates	Limes in natural state	Olives in brine	Pears, green or ripe	Natural state		Prepared or pre-served	
								In crates	In bulk		
	1,000 pounds	1,000 bunches	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 pounds	1,000 crates	Thou-sands	1,000 pounds	
1938.....	10,315	58,180	3,531	46,948	3,445	6,393	4,229	1,069	4,005	54,436	
1939.....	7,384	54,080	2,706	45,093	3,984	6,907	11,021	904	3,923	73,089	
1940.....	11,707	51,658	3,878	44,789	4,026	7,018	15,427	852	3,135	83,806	
1941.....	10,684	42,623	5,061	18,162	3,536	4,928	6,572	424	3,600	36,332	
1942.....	1,730	20,937	4,933	3,263	4,173	7,330	4,592	564	6,917	29,371	
1943.....	3,436	28,459	13,624	647	5,596	9,348	14,186	787	7,208	32,136	
1944.....	2,035	38,187	7,822	23,928	4,368	9,854	11,727	1,053	9,384	25,482	
1945 ²	892	45,544	22,938	39,036	5,403	10,531	14,951	1,373	11,211	22,689	
1946 ²	4,889	58,923	15,791	45,186	5,112	8,571	8,945	981	13,155	45,732	
1947 ²	5,985	59,173	13,513	19,700	5,286	8,469	2,169	639	15,688	75,634	

Year beginning July—	Nuts										
	Al-monds, shelled	Brazil nuts, shelled	Brazil nuts, not shelled	Cashews	Chest-nuts incl. marrows	Filberts, shelled	Filberts, not shelled	Peanuts, shelled	Peanuts, not shelled	Pistache, not shelled	Wal-nuts, shelled
	1938.....	1,506	8,933	20,585	29,350	16,754	1,796	455	5,417	336	1,928
1939.....	1,374	9,310	22,852	25,404	14,420	2,465	1,514	5,583	287	2,695	4,561
1940.....	1,936	16,179	26,653	33,395	8,891	1,475	69	4,177	144	3,980	4,570
1941.....	3,721	10,666	17,627	31,549	2,762	83	0	1,828	92	1,093	2,791
1942.....	1,012	4,383	9,119	8,898	1,637	59	0	2,488	222	66	254
1943.....	11,063	1	0	7,330	1,968	1,052	11	15	1,837	111	2
1944.....	22,456	0	(1)	18,845	722	7,262	22	37,517	0	1,066	22
1945 ²	18,131	6,112	4,582	29,721	301	9,588	893	21,495	1,322	2,279	363
1946 ²	8,928	6,902	23,951	30,468	7,041	10,487	3,621	(1)	2	6,636	739
1947 ²	11,840	6,160	26,966	28,488	18,102	4,202	14	8	8	6,199	598

Year beginning July—	Oilseeds								Vegetable oils		
	Babassu kernels ¹	Castor beans	Copra	Flax-seed	Palm nuts and kernels	Poppy-seed	Rape-seed	Sesame seed	Soy-beans	Castor oil	Cocoa butter
	1938.....	82,812	135,105	467,470	18,744	26,537	9,163	9,860	9,424	140	2
1939.....	102,320	196,449	559,683	13,212	16,973	8,358	6,742	15,485	117	40	14
1940.....	87,107	307,785	555,991	11,198	26,443	2,349	4,359	9,220	71	382	618
1941.....	66,473	390,539	360,990	23,232	2,782	2,550	2,152	9,743	28	1,971	1,253
1942.....	30,469	218,570	219,786	6,329	982	1,022	233	6,127	18	7,027	116
1943.....	14,537	341,592	183,926	16,802	10,899	315	2,677	6,189	18	23,679	6,277
1944.....	53,722	342,642	242,376	5,058	112,372	1,763	446	2,568	10	7,449	4,482
1945 ²	64,869	261,868	314,152	3,429	19,233	2,664	1,801	4,329	260	4,124	3,021
1946 ²	27,873	237,944	1,306,534	1,353	51	2,489	267	8,198	1	9,476	4,651
1947 ²	31,826	290,158	1,142,054	721	31	5,631	400	20,790	5	1,393	1,765

See footnotes at end of table.

TABLE 611.—Imports (for consumption) of principal agricultural products, 1938-47—Continued

Year beginning July—	Vegetable oils—Continued										
	Coco-nut oil	Cotton-seed oil	Lin-seed oil	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Perilla oil	Rape-seed oil	Soy-bean oil	Tung oil
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	379,652	68,570	64	104,111	272,248	3,607	15,978	39,312	991	2,526	96,460
1939.....	319,565	10,793	18	101,313	246,178	463	3,175	34,236	1,666	5,156	99,571
1940.....	371,927	6,164	69	36,540	254,968	0	1,576	9,321	1,755	2,846	52,495
1941.....	258,579	31,043	56	9,502	241,226	425	4,456	3,416	2,704	2	36,302
1942.....	43,717	13,043	55,584	7,312	44,700	0	45	603	4,223	0	68
1943.....	42,668	4,272	84,580	1,105	62,172	0	7	0	2,116	(¹)	1,742
1944.....	46,522	20,130	27,112	7,791	90,835	0	(¹)	0	2,344	0	29
1945 ²	10,181	18,921	93,823	1,877	31,121	0	21	14	1,376	(¹)	6,330
1946 ²	16,336	1	168,251	17,230	47,981	0	146	0	687	5	107,184
1947 ²	54,356	3,461	13,796	32,128	64,447	7,332	74	0	914	249	106,615

Year beginning July—	Cocoa or cacao beans	Coffee	Tea	Sugars, sirups, etc.						Hops
				Cane sugar, raw and refined	Honey	Maple sirup	Maple sugar	Molasses		
								Not for human consumption	Other molasses	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 tons ⁸	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 pounds
1938.....	643,992	1,965,250	89,600	2,565	258	2,193	10,880	177,601	8,030	8,242
1939.....	557,200	2,043,773	100,119	3,352	238	4,577	3,199	240,046	14,327	6,636
1940.....	891,138	2,534,621	101,687	3,513	1,805	2,363	4,376	331,359	11,727	3,706
1941.....	370,132	1,760,517	94,429	2,732	14,851	5,199	5,627	325,988	12,082	448
1942.....	417,324	1,801,021	51,840	2,228	25,818	1,170	4,924	145,138	625	149
1943.....	585,515	2,568,623	90,649	3,820	34,522	1,789	4,253	286,076	8,203	64
1944.....	742,312	2,495,777	89,542	4,212	17,994	1,170	4,258	205,390	3,512	23
1945 ²	641,372	2,866,382	86,759	2,423	15,678	1,362	3,271	92,446	763	3,849
1946 ²	568,484	2,475,555	90,063	3,345	26,906	5,325	4,044	112,028	805	4,128
1947 ²	575,310	2,682,179	77,843	3,628	8,583	5,010	6,028	214,928	1,714	5,564

Year beginning July—	Rubber and allied gums, crude						Tobacco, unmanufactured			
	Milk of, or latex	Guayule	Other crude rubber	Jelutong and pon-tianak	Other allied gums	Total rubber and allied gums	Cigarette leaf	Cigar leaf filler	Leaf for cigar wrappers	Stems, trim-mings and scrap
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1938.....	36,694	4,639	901,817	16,777	3,312	963,239	52,784	9,854	1,985	11,462
1939.....	79,013	6,652	1,313,296	13,727	6,122	1,418,810	49,920	11,242	2,212	17,357
1940.....	62,994	9,310	2,043,180	19,064	6,382	2,140,930	52,004	13,052	2,205	10,582
1941.....	65,415	10,448	1,727,969	13,343	6,553	1,823,728	47,851	13,537	2,679	6,903
1942.....	10,136	16,927	119,110	79	3,607	149,859	49,919	21,103	2,993	7,397
1943.....	4,876	16,557	144,221	0	1,599	167,253	43,801	19,123	2,247	6,070
1944.....	8,103	19,257	289,989	197	2,663	320,209	49,539	20,227	1,792	5,482
1945 ²	13,971	15,697	415,999	134	4,558	450,359	51,145	18,389	1,386	5,157
1946 ²	25,265	11,906	1,401,574	2,893	6,306	1,447,944	57,912	24,308	1,413	8,775
1947 ²	63,987	953	1,446,060	10,099	4,827	1,525,926	61,273	9,438	1,129	3,130

See footnotes at end of table.

TABLE 611.—Imports (for consumption) of principal agricultural products, 1938-47
—Continued

Year beginning July—	Vegetables and preparations										
	Farinaceous substances			Vegetables							
	Arrow- root	Sago	Tapi- oca	Beans, dried	Garlic	Onions	Potatoes, white or Irish			Toma- toes, fresh	Turnips and ruta- bagas
							Cer- tified seed	Other (table stock)	Total		
1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1938.....	6,868	22,789	301,177	7,277	4,254	4,682	56,925	3,940	60,865	54,861	111,349
1939.....	7,377	8,544	340,487	6,364	3,520	3,734	73,858	38,592	112,450	79,428	118,581
1940.....	7,399	10,018	352,369	9,616	6,467	1,464	42,967	12,852	55,819	132,781	110,602
1941.....	8,275	8,383	243,603	10,654	5,726	5,196	33,895	1,649	35,544	137,172	140,318
1942.....	4,527	0	4,137	2,554	3,741	12,554	66,233	973	67,206	167,915	164,223
1943.....	6,015	0	84,315	11,992	11,030	7,679	64,013	25,445	89,458	169,064	186,998
1944.....	4,430	0	27,941	2,977	10,398	2,736	158,259	389,314	547,573	210,874	163,965
1945 ¹	3,993	280	80,935	36,347	13,498	22,866	107,568	626	108,194	203,065	156,439
1946 ²	5,050	5,553	280,386	7,629	6,894	8,315	135,430	140,789	276,219	263,168	163,055
1947 ³	5,828	4,133	114,402	30,826	9,083	48,782	150,202	57,496	207,698	263,526	135,746

¹ Less than 500.² Preliminary.³ Excludes the weight of "other hides and skins," reported in pieces only.⁴ Beginning August 1946, bales of 480 pounds; prior to August 1946, bales of 478 pounds.⁵ Tons of 2,240 pounds.⁶ Includes crin vegetal, hemp, istle or Tampico, kapok, New Zealand fiber, and "other."⁷ Includes babassu nuts prior to Jan. 1, 1942.⁸ Tons of 2,000 pounds.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and the United States Tariff Commission.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS			Cheese—Continued		
Dairy products:			L. A. Republics—Continued		
Butter:	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
Canada.....	40	26	Honduras.....	2	2
Latin American Republics: ²			Nicaragua.....	1	3
Mexico.....	12	130	Panama Republic.....	291	404
Guatemala.....	2	6	Canal Zone.....	947	317
Honduras.....	0	10	Cuba.....	185	174
Nicaragua.....	(³)	1	Haiti.....	104	112
Panama Republic.....	285	745	Colombia.....	42	46
Canal Zone.....	670	934	Venezuela.....	914	1,093
Cuba.....	1,105	815	Other L. A. Republics.....	99	130
Haiti.....	21	22	Total L. A. Republics.....	3,146	2,825
Colombia.....	17	28	British Honduras.....	56	49
Venezuela.....	432	1,602	British West Indies ⁴	197	102
Peru.....	0	58	Curacao (N. W. I.).....	374	236
Other L. A. Republics.....	6	7	Surinam.....	2	10
Total L. A. Republics.....	2,450	4,358	Europe—		
British West Indies ⁴	3	22	Sweden.....	243	0
Curacao (N. W. I.).....	306	240	Norway.....	(³)	1
French West Indies.....	15	13	United Kingdom.....	124,622	53,980
Europe—			Netherlands.....	(³)	11
Sweden.....	0	(³)	Belgium and Luxembourg.....	9,915	36,781
Norway.....	0	(³)	France.....	1	2
Denmark.....	30	15	Germany.....	113	1,290
United Kingdom.....	1	40	Austria.....	7	85
Netherlands.....	0	84	Czechoslovakia.....	71	0
Belgium and Luxembourg.....	20	364	Switzerland.....	28	387
France.....	2	46	Poland and Danzig.....	2,920	0
Germany.....	*34	3	U. S. S. R.....	1,992	0
Austria.....	**8	30	Italy.....	225	118
Czechoslovakia.....	*132	(³)	Yugoslavia.....	228	0
Switzerland.....	825	3,831	Albania.....	(³)	0
Poland and Danzig.....	*316	0	Greece.....	5,930	6,337
U. S. S. R.....	**8	1	Other Europe.....	2	0
Italy.....	*57	1	Total Europe.....	146,297	98,992
Greece.....	*104	0	Palestine ⁵	707	0
Other Europe.....	2	0	Trans-Jordan.....	(⁶)	12 0
Total Europe.....	1,539	4,415	Saudi Arabia.....	45	95
Saudi Arabia.....	78	190	India ⁷	7	14
India.....	(³)	0	Pakistan.....	(⁶)	12 0
French Indo-China.....	0	13	Siam (Thailand).....	0	2
British Malaya.....	1	(³)	Netherlands East Indies.....	733	433
Netherlands East Indies.....	20	51	Republic of Philippines.....	292	352
Republic of Philippines.....	185	1,024	China.....	10	0
China.....	**16	0	Hong Kong.....	7	35
Hong Kong.....	*79	37	Japan.....	(³)	26
Japan.....	0	1	French Morocco.....	0	32
Western Pacific Islands.....	17	40	Belgian Congo.....	108	82
Tangier.....	3	8	British East Africa.....	2	0
Cameroon.....	2	5	Union of So. Africa.....	78	122
French Equatorial Africa.....	3	1	Other countries.....	672	331
French West Africa.....	3	1	Total.....	153,500	103,930
Gold Coast.....	4	1	Milk, condensed:		
Liberia.....	37	13	Canada.....	75	655
Belgian Congo.....	1	59	Newfoundland and Labrador.....	504	733
Madagascar.....	2	0	Latin American Republics: ²		
Other countries.....	39	28	Mexico.....	83	166
Total.....	4,840	**10,547	Guatemala.....	95	108
Cheese:			Honduras.....	147	103
Canada.....	767	192	Costa Rica.....	467	133
Latin American Republics: ²			Panama Republic.....	0	451
Mexico.....	511	499	Canal Zone.....	5,394	935
Guatemala.....	50	45	Cuba.....	218	7,621
			Haiti.....	130	100
			Dominican Republic.....	317	749

* Butter spreads.

** Austria includes 5,000 pounds butter spreads; U.S.S.R. includes 7,000 pounds and China includes 11,000 pounds.

*** Includes 42,000 pounds of butter spreads.

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued			Milk, evaporated—Continued	1,000	1,000
Dairy products—Continued			L. A. Republics—Continued	pounds	pounds
Milk, condensed—Continued			Costa Rica.....	928	771
L. A. Republics—Continued			Panama Republic.....	4,437	4,031
Colombia.....	4	80	Canal Zone.....	1,648	5,625
Venezuela.....	130	135	Cuba.....	18,121	26,126
Peru.....	1,138	970	Haiti.....	581	821
Bolivia.....	1,177	1,731	Dominican Republic.....	122	268
Chile.....	13	164	Colombia.....	229	444
Brazil.....	12	109	Venezuela.....	1,666	1,649
Other L. A. Republics.....	282	145	Peru.....	6,933	6,740
Total L. A. Republics.....	9,607	13,700	Bolivia.....	1,477	1,206
British Honduras.....	807	626	Brazil.....	1,782	131
British West Indies ⁴	393	188	Other L. A. Republics.....	936	866
Curacao (N. W. I.).....	263	199	Total L. A. Republics.....	44,595	55,222
French West Indies.....	752	280	British Honduras.....	202	264
French Guiana.....	197	504	British West Indies ⁴	619	854
Europe—			Curacao (N. W. I.).....	5,156	4,324
Norway.....	(⁵)	0	French West Indies.....	7	9
Denmark.....	0	8	Europe—		
United Kingdom.....	2,065	256	Iceland.....	0	130
Netherlands.....	0	214	Sweden.....	48	24
Belgium and Luxembourg.....	2,279	21,441	Norway.....	219	0
France.....	13,939	15,638	Denmark.....	0	92
Germany.....	0	1	United Kingdom.....	212,352	29,768
Austria.....	111	1,286	Eire (Ireland).....	1	1
Switzerland.....	241	4,530	Netherlands.....	257	1,427
Poland and Danzig.....	1,879	0	Belgium and Luxembourg.....	17,569	132,310
U. S. S. R.....	2,790	396	France.....	56,060	9,855
Portugal.....	44	73	Germany.....	23	0
Malta, Gozo and Cyprus.....	304	295	Austria.....	276	8,762
Italy.....	0	2,428	Czechoslovakia.....	679	0
Yugoslavia.....	508	8	Switzerland.....	3,025	13,469
Albania.....	1	288	Poland and Danzig.....	42,561	29
Greece.....	1,055	10,744	U. S. S. R.....	802	0
Other Europe.....	133	3	Azores.....	20	0
Total Europe.....	25,349	57,609	Portugal.....	1	92
India ⁷	4,327	1,411	Malta, Gozo and Cyprus.....	4,555	4,495
Pakistan.....	(⁶)	19 48	Italy ⁸	19,713	26,488
Ceylon.....	559	1,812	Trieste.....	(⁹)	12 677
Siam (Thailand).....	504	1,067	Yugoslavia.....	3,413	1
French Indo-China.....	2,441	3,851	Greece.....	30,759	52,193
British Malaya.....	2,346	23,337	Other Europe.....	427	1
Netherlands East Indies.....	3,808	1,107	Total Europe.....	392,560	279,804
Republic of Philippines.....	14,705	17,738	Syria ¹⁰	117	69
China.....	1,674	19	Lebanon.....	(¹¹)	12 80
Hong Kong.....	790	634	Iraq.....	2	2
Japan.....	3	11	Palestine ¹²	1,316	66
Tangier.....	84	146	Trans-Jordan.....	(¹³)	13 11
Algeria.....	415	0	Saudi Arabia.....	263	601
Egypt.....	0	1	State of Bahrain.....	164	28
Spanish Africa ¹⁴	0	257	India ⁷	184	248
Cameroon.....	98	105	Pakistan.....	(¹⁵)	12 22
French Equatorial Africa.....	20	45	Ceylon.....	378	5
French West Africa.....	1,208	632	Burma.....	162	1,106
Gold Coast.....	204	64	Siam (Thailand).....	1,581	130
Liberia.....	146	80	British Malaya.....	8,417	6,983
Belgian Congo.....	251	411	Netherlands East Indies.....	7,783	5,903
British East Africa.....	1,129	98	Republic of Philippines.....	73,735	62,501
Mozambique.....	898	350	China.....	28,017	75
Madagascar.....	513	487	Hong Kong.....	2,152	1,775
Southern Rhodesia.....	369	0	Japan.....	134	139
Union of South Africa.....	172	64	French Pacific Islands.....	125	121
Other countries.....	489	629	Egypt.....	687	25
Total.....	75,100	128,898	Cameroon.....	19	63
Milk, evaporated:			French Equatorial Africa.....	65	35
Canada.....	303	798	French West Africa.....	457	529
Newfoundland and Labrador.....	5,519	6,502	Gold Coast.....	1,059	1,266
Latin American Republics: ²			Nigeria.....	880	675
Mexico.....	5,735	6,544	Other British West Africa ¹¹	608	218
			Liberia.....	226	186

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued					
Dairy products—Continued					
Milk, evaporated—Continued					
Belgian Congo.....	331	432	French Indo-China.....	1,000	1,000
British East Africa.....	161	23	French Indo-China.....	363	19
Mozambique.....	234	183	British Malaya.....	2,416	545
Union of South Africa.....	3,574	2,617	Netherlands East Indies.....	1,915	464
Southern Rhodesia.....	102	2	Republic of Philippines.....	3,133	1,568
Other countries.....	530	646	China.....	5,225	1,074
			Hong Kong.....	195	41
Total.....	580,487	434,541	Japan.....	18	3,635
			French Morocco.....	0	(3)
Milk, dried, whole:			Algeria.....	107	2
Canada.....	27	43	Egypt.....	36	42
Newfoundland and Labrador.....	14	15	Gold Coast.....	145	48
Latin American Republics: ²			Nigeria.....	55	112
Mexico.....	8,908	9,399	Other British West Africa ¹¹	83	12
Guatemala.....	353	576	Liberia.....	41	32
Honduras.....	150	237	Belgian Congo.....	712	1,296
Costa Rica.....	839	297	Mozambique.....	175	67
Panama Republic.....	1,035	1,193	Union of South Africa.....	2,987	506
Canal Zone.....	1,260	851	Southern Rhodesia.....	269	10
Cuba.....	148	234	Other countries.....	383	555
Haiti.....	76	95	Total.....	103,157	103,767
Dominican Republic.....	143	461			
Colombia.....	1,553	621	Non-fat dry milk solids:		
Venezuela.....	23,190	28,692	Canada.....	101	36
Ecuador.....	310	98	Newfoundland and Labrador.....	52	146
Peru.....	1,297	1,160	Latin American Republics: ²		
Bolivia.....	583	401	Mexico.....	1,156	2,824
Brazil.....	3,145	3,362	Costa Rica.....	11	11
Other L. A. Republics.....	154	270	Panama Republic.....	242	148
Total L. A. Republics.....	43,144	47,947	Canal Zone.....	121	60
			Cuba.....	1,153	1,624
British West Indies ⁴	544	100	Venezuela.....	324	218
Curacao (N. W. I.).....	701	606	Peru.....	80	184
British Guiana.....	144	44	Bolivia.....	30	48
Europe—			Brazil.....	633	267
Sweden.....	2	1	Other L. A. Republics.....	30	49
Norway.....	0	(3)	Total L. A. Republics.....	3,780	5,433
Denmark.....	0	21			
United Kingdom.....	263	138	British West Indies ⁴	168	158
Netherlands.....	542	747	Curacao (N. W. I.).....	246	31
Belgium and Luxembourg.....	1,305	711	Europe—		
France.....	18,415	18,619	Norway.....	0	(3)
Germany.....	3,613	7,101	Denmark.....	0	659
Austria.....	190	6,622	United Kingdom.....	89,608	14,806
Czechoslovakia.....	2	108	Netherlands.....	244	12,315
Switzerland.....	1,852	1,699	Belgium and Luxembourg.....	4,888	5,245
Poland and Danzig.....	2,824	1,459	France.....	719	5,423
U. S. S. R.....	2,061	1	Germany.....	18,414	91,387
Spain.....	0	(3)	Austria.....	4,049	4,058
Portugal.....	4	8	Czechoslovakia.....	270	1,444
Malto, Gozo and Cyprus.....	0	17	Hungary.....	73	4,383
Italy ⁵	669	848	Switzerland.....	1,859	2,223
Trieste.....	(3)	12 475	Finland.....	44	1,905
Yugoslavia.....	19	647	Poland and Danzig.....	2,342	14,382
Greece.....	812	1,610	U. S. S. R.....	6,179	0
Hungary.....	279	181	Portugal.....	0	54
Rumania.....	0	781	Malta, Gozo and Cyprus.....	32	22
Bulgaria.....	0	220	Italy ⁵	11,477	16,607
Other Europe.....	(3)	100	Trieste.....	(3)	12 774
Total Europe.....	32,852	42,174	Yugoslavia.....	3,354	4,907
			Albania.....	0	165
Syria ¹⁰	139	73	Greece.....	610	13,458
Lebanon.....	(3)	12 146	Rumania.....	0	6,201
Iran (Persia).....	314	15	Bulgaria.....	0	2,796
Saudi Arabia.....	86	397	Other Europe.....	0	0
India ⁷	6,439	1,840	Total Europe.....	144,162	203,214
Pakistan.....	(3)	12 10			
Ceylon.....	79	144	Palestine ⁸	1,171	1,723
Burma.....	111	181	Trans-Jordan.....	(3)	15 0
Siam (Thailand).....	305	64	India ⁷	9,996	2,450
			Pakistan.....	(3)	12 40

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued			Egg albumen—Continued		
Dairy Products—Continued			L. A. Republics—Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Non-fat dry milk solids—Con.	<i>1,000 pounds</i>	<i>1,000 pounds</i>	Argentina.....	(³)	(³) 2
Ceylon.....	673	0	Other L. A. Republics.....	3	(³)
Siam (Thailand).....	2	0	Total L. A. Republics.....	82	57
British Malaya.....	2	1,865	Europe—		
Republic of Philippines.....	2,129	252	Sweden.....	61	0
China.....	9,305	480	Norway.....	(³)	0
Korea.....	0	6,398	Denmark.....	0	23
Japan.....	4,586	36,439	United Kingdom.....	0	162
French Morocco.....	0	2	Eire (Ireland).....	0	(³)
Belgian Congo.....	15	73	Netherlands.....	22	83
Union of South Africa.....	215	46	Belgium and Luxembourg.....	213	246
Southern Rhodesia.....	28	7	France.....	21	31
Other countries.....	50	108	Czechoslovakia.....	9	0
Total.....	176,681	258,901	Switzerland.....	325	368
			Spain.....	12	0
Eggs and egg products:	<i>1,000 dozen</i>	<i>1,000 dozen</i>	Portugal.....	2	0
Eggs in the shell:			Italy.....	(³)	1,152
Canada.....	176	45	Greece.....	1	2
Newfoundland and Labrador	11	2	Malta, Gozo and Cyprus.....	0	1
Latin American Republics: ²			Other Europe.....	0	0
Mexico.....	14,275	7,169	Total Europe.....	666	2,018
Panama Republic.....	493	430	Republic of Philippines.....	1	15
Canal Zone.....	1,738	1,629	China.....	0	(³)
Cuba.....	3,764	4,691	Union of South Africa.....	9	6
Venezuela.....	1,251	5,479	Other countries.....	4	2
Peru.....	0	56	Total.....	762	2,098
Other L. A. Republics.....	48	23			
Total L. A. Republics.....	21,569	19,477	Egg products, dried:		
British West Indies ⁴	81	15	Canada.....	2	1
Curacao (N. W. I.).....	666	771	Latin American Republics: ²		
Europe—			Mexico.....	27	29
Sweden.....	5,231	0	Panama Republic.....	2	3
Norway.....	(³)	0	Canal Zone.....	14	11
United Kingdom.....	1,972	4	Cuba.....	(³)	10
Netherlands.....	485	531	Colombia.....	(³)	(³)
Belgium and Luxembourg.....	9,749	3,834	Venezuela.....	11	17
France.....	18	(³)	Brazil.....	96	1
Austria.....	(³)	0	Other L. A. Republics.....	(³)	6
Switzerland.....	15,567	8,305	Total L. A. Republics.....	151	77
Spain.....	0	(³)	Europe—		
Portugal.....	(³)	0	Iceland.....	0	0
Italy.....	0	(³)	Sweden.....	(³)	0
Greece.....	0	(³)	Norway.....	0	(³)
Other Europe.....	(³)	0	Denmark.....	17	4
Total Europe.....	33,022	12,674	United Kingdom.....	82,673	30,166
Saudi Arabia.....	91	227	Eire (Ireland).....	0	0
Siam (Thailand).....	0	2	Netherlands.....	(³)	(³)
Republic of Philippines.....	1,322	683	Belgium and Luxembourg.....	8	40
China.....	3	0	France.....	7	449
Japan.....	0	25	Germany.....	530	19,694
Liberia.....	0	1	Austria.....	5	2,387
Other countries.....	19	54	Czechoslovakia.....	2	1
Total.....	56,960	33,976	Switzerland.....	622	237
			Poland and Danzig.....	9	(³)
Egg albumen:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	U. S. S. R.....	(³)	0
Canada.....	(³)	(³)	Portugal.....	2	(³)
Latin American Republic: ²			Italy.....	50	2,136
Mexico.....	8	15	Greece.....	1,177	0
Panama Republic.....	6	8	Other Europe.....	1	0
Canal Zone.....	27	8	Total Europe.....	85,103	55,114
Cuba.....	18	16	Netherlands East Indies.....	341	467
Colombia.....	2	1	Republic of Philippines.....	94	3
Venezuela.....	5	7	Japan.....	19	31
Brazil.....	13	(³)			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
ANIMAL PRODUCTS—Continued			Beef and veal fresh or frozen—Con.		
Eggs and egg products—Continued			British West Indies ⁴	265	257
Egg products, dried—Con.			Curacao (N. W. I.).....	777	241
Egypt.....	631	373	French West Indies.....	101	0
Other countries.....	23	26	Europe—		
Total.....	86,364	56,092	Sweden.....	0	502
			United Kingdom.....	81,020	47,194
Egg products frozen:			Eire (Ireland).....	0	1
Latin American Republics: ²			Netherlands.....	807	(3)
Mexico.....	38	966	Belgium and Luxembourg.....	8,798	10,233
Panama Republic.....	51	72	France.....	5,915	1
Canal Zone.....	138	54	Switzerland.....	0	61
Venezuela.....	6	65	Portugal.....	0	6
Other L. A. Republics.....	(3)	30	Greece.....	0	3,451
Total L. A. Republics.....	233	1,187	Other Europe.....	5	0
			Total Europe.....	96,545	61,449
British West Indies ⁴	6	13	Saudi Arabia.....	515	1,179
Curacao (N. W. I.).....	13	17	State of Bahrain.....	120	204
Europe—			Republic of Philippines.....	176	874
Sweden.....	711	0	Japan.....	0	118
Denmark.....	90	0	Other countries.....	20	5
United Kingdom.....	16,855	0	Total.....	99,575	65,048
Netherlands.....	23	32			
Belgium and Luxembourg.....	487	2,968	Horse meat:		
France.....	12	35	Canada.....	62	254
Switzerland.....	301	1,330	Canal Zone.....	14	16
Other Europe.....	0	0	Other L. A. Republics ²	0	0
Total Europe.....	18,479	4,365	Europe—		
			Sweden.....	7,288	5,182
Republic of Philippines.....	6	2	Denmark.....	0	(3)
Japan.....	0	7	Netherlands.....	2,083	1,367
Other countries.....	0	15	Belgium and Luxembourg.....	7,230	33,969
Total.....	18,738	5,606	France.....	15,985	139
			Germany.....	295	3,055
Egg products otherwise preserved:			Austria.....	12,020	22,564
Latin American Republics: ²			Czechoslovakia.....	23,731	0
Venezuela.....	2	3	Switzerland.....	681	110
Other L. A. Republics.....	(3)	(3)	Poland and Danzig.....	30,323	0
Total L. A. Republics.....	2	3	Italy.....	0	683
			Other Europe.....	0	0
Europe—			Total Europe.....	99,636	67,069
Iceland.....	0	(3)	Republic of Philippines.....	0	10
Netherlands.....	10	0	China.....	583	0
Belgium and Luxembourg.....	5	6	Japan.....	0	50
Switzerland.....	18	13	Liberia.....	3	0
Other Europe.....	0	0	Belgian Congo.....	1	405
Total Europe.....	33	19	Other countries.....	0	0
			Total.....	100,299	67,804
Japan.....	0	1			
Other countries.....	0	(3)	Mutton and lamb:		
Total.....	35	23	Canada.....	0	1
			Newfoundland and Labrador.....	0	4
Meats:			Latin American Republics: ²		
Beef and veal fresh or frozen:			Mexico.....	33	4
Canada.....	251	46	Canal Zone.....	41	0
Newfoundland and Labrador.....	321	102	Cuba.....	8	8
Latin American Republics: ²			Venezuela.....	3	64
Mexico.....	21	6	Other L. A. Republics.....	1	3
Panama Republic.....	13	76	Total L. A. Republics.....	86	79
Canal Zone.....	413	240			
Cuba.....	22	87	British West Indies ⁴	166	93
Venezuela.....	12	154	Curacao (N. W. I.).....	226	64
Other L. A. Republics.....	3	10	French West Indies.....	0	1
Total L. A. Republics.....	484	573	Europe—		
			United Kingdom.....	663	4,147
			Netherlands.....	10	0

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued					
Meats—Continued:					
Mutton and lamb—Continued					
Europe—con.:	1,000 pounds	1,000 pounds			
Belgium and Luxembourg.....	1	1			
France.....	331	50			
Switzerland.....	202	0			
Greece.....	0	2,067			
Other Europe.....	0	0			
Total Europe.....	1,206	6,255			
Saudi Arabia.....	277	407			
State of Bahrain.....	46	45			
Republic of Philippines.....	25	133			
Japan.....	0	13			
Liberia.....	1	(³)			
Belgian Congo.....	29	37			
Other countries.....	(³)	0			
Total.....	2,062	7,132			
Pork, fresh or frozen:					
Canada.....	2,880	1,471			
Newfoundland and Labrador.....	0	64			
Latin American Republics: ²					
Mexico.....	38	2			
Panama Republic.....	68	115			
Canal Zone.....	1,474	1,116			
Cuba.....	25	105			
Colombia.....	3	0			
Venezuela.....	1	49			
Other L. A. Republics.....	(³)	(³)			
Total L. A. Republics.....	1,609	1,387			
British West Indies ⁴	114	33			
Curacao (N. W. I.).....	507	139			
Europe—					
United Kingdom.....	8,423	14			
Netherlands.....	1,726	0			
Belgium and Luxembourg.....	3,733	0			
France.....	8,298	(³)			
Germany.....	0	113			
Switzerland.....	1,560	195			
Greece.....	3	0			
Other Europe.....	0	0			
Total Europe.....	23,743	322			
India.....	(³)	0			
Saudi Arabia.....	0	65			
State of Bahrain.....	32	15			
Republic of Philippines.....	55	145			
Japan.....	0	21			
Gold Coast.....	0	2			
Other countries.....	5	4			
Total.....	28,945	3,668			
Bacon and sides:					
Canada.....	251	81			
Newfoundland and Labrador.....	135	177			
Latin American Republics: ²					
Mexico.....	27	7			
Panama Republic.....	56	52			
Canal Zone.....	493	373			
Cuba.....	682	2,355			
Venezuela.....	74	145			
Peru.....	10	5			
Other L. A. Republics.....	30	34			
Total L. A. Republics.....	1,372	2,971			
Bacon and sides—Continued					
British West Indies ⁴	153	53			
Curacao (N. W. I.).....	180	116			
Europe—					
United Kingdom.....	1,749	15			
Eire (Ireland).....	0	1			
Netherlands.....	(³)	(³)			
Belgium and Luxembourg.....	40	9			
France.....	10,839	2			
Czechoslovakia.....	214	9			
Austria.....	12	0			
Poland and Danzig.....	1,669	0			
Portugal.....	0	4			
U. S. S. R.....	0	(³)			
Italy.....	9,683	305			
Other Europe.....	0	0			
Total Europe.....	24,206	345			
Saudi Arabia.....	51	92			
Afghanistan.....	(³)	7			
India.....	(³)	0			
Republic of Philippines.....	88	86			
China.....	17	0			
Japan.....	0	11			
Egypt.....	(³)	0			
British West Africa ¹¹	6	2			
Liberia.....	15	13			
Belgian Congo.....	3	1			
Other countries.....	16	13			
Total.....	26,493	3,968			
Hams and shoulders:					
Canada.....	4	12			
Newfoundland and Labrador.....	0	2			
Latin American Republics: ²					
Mexico.....	57	12			
Honduras.....	8	9			
Panama Republic.....	111	188			
Canal Zone.....	730	407			
Cuba.....	1,278	2,888			
Haiti.....	17	19			
Dominican Republic.....	18	35			
Venezuela.....	278	813			
Peru.....	6	2			
Other L. A. Republics.....	19	17			
Total L. A. Republics.....	2,522	4,390			
British West Indies ⁴	131	75			
Curacao (N. W. I.).....	220	94			
Europe—					
Iceland.....	(³)	0			
United Kingdom.....	501	26			
Netherlands.....	0	4			
Belgium and Luxembourg.....	0	1			
France.....	66	2			
U. S. S. R.....	(³)	1			
Italy.....	(³)	0			
Greece.....	5	0			
Other Europe.....	0	0			
Total Europe.....	572	34			
Saudi Arabia.....	59	65			
Republic of Philippines.....	312	289			
China.....	(³)	(³)			
Japan.....	0	19			
Liberia.....	16	27			
Other countries.....	62	40			
Total.....	3,898	5,047			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued			Beef, canned—Continued		
Meats—Continued			Europe—Continued		
Pork, pickled or salted:			Czechoslovakia.....	1,000 pounds	1,000 pounds
Canada.....	448	371	Switzerland.....	4,478	0
Newfoundland and Labrador.....	3,283	2,149	Poland and Danzig.....	0	1
Latin American Republics: ²			U. S. S. R.....	4,648	4
Mexico.....	7	3	Azores.....	9,240	0
Panama Republic.....	46	220	Spain.....	2	2
Canal Zone.....	134	132	Italy.....	0	(³)
Cuba.....	6,330	6,620	Yugoslavia.....	6,286	13
Haiti.....	5	24	Greece.....	4,324	0
Venezuela.....	5	46	Other Europe.....	7,366	6,652
Other L. A. Republics.....	(³)	1			
Total L. A. Republics.....	6,554	7,046	Total Europe.....	42,701	6,762
British West Indies ⁴	251	239	Syria ¹⁰	1	27
Curacao (N. W. I.).....	43	118	Lebanon.....	(⁹)	1 ¹¹
French West Indies.....	265	90	Palestine ⁵	0	82
Europe—			Trans-Jordan.....	(⁹)	12 ⁰
Sweden.....	1,052	0	Saudi Arabia.....	73	167
Norway.....	39	90	India ⁷	0	(³)
Belgium and Luxembourg.....	1,301	0	Pakistan.....	(⁹)	12 ⁰
Germany.....	0	1,697	Netherlands East Indies.....	10,521	88
Austria.....	5,357	0	Republic of Philippines.....	83	272
Czechoslovakia.....	2,963	0	Japan.....	2	1,066
Hungary.....	371	0	China.....	37	0
Poland and Danzig.....	3,131	0	Algeria.....	72	0
U. S. S. R.....	9,737	0	Gold Coast.....	0	37
Italy.....	13,320	2,200	Liberia.....	15	4
Yugoslavia.....	305	0	Belgian Congo.....	0	28
Greece.....	3	0	Union of South Africa.....	38	140
Other Europe.....	0	0	Other countries.....	14	39
Total Europe.....	37,579	3,987	Total.....	54,104	9,361
Saudi Arabia.....	8	12	Pork, canned:		
Republic of Philippines.....	22	1	Canada.....	56	8
China.....	3	0	Newfoundland and Labrador.....	3	26
Japan.....	0	(³)	Latin American Republics: ²		
Gold Coast.....	79	125	Mexico.....	175	48
Liberia.....	56	20	Guatemala.....	18	38
Union of South Africa.....	0	1	Honduras.....	22	24
Other countries.....	20	38	Costa Rica.....	32	26
Total.....	48,611	14,197	Panama Republic.....	105	176
Beef, canned:			Canal Zone.....	497	297
Canada.....	39	3	Cuba.....	300	736
Newfoundland and Labrador.....	19	13	Haiti.....	9	16
Latin American Republics: ²			Dominican Republic.....	15	55
Mexico.....	6	20	Colombia.....	50	58
Panama Republic.....	20	25	Venezuela.....	513	1,515
Canal Zone.....	184	80	Other L. A. Republics.....	44	40
Cuba.....	48	28	Total L. A. Republics.....	1,780	3,029
Colombia.....	14	30	British West Indies ⁴	145	128
Venezuela.....	96	266	Curacao (N. W. I.).....	182	139
Peru.....	11	10	Europe—		
Brazil.....	2	14	Iceland.....	(³)	(³)
Other L. A. Republics.....	14	31	Sweden.....	(³)	1
Total L. A. Republics.....	395	*504	Norway.....	(³)	1
British West Indies ⁴	51	45	Denmark.....	0	(³)
Curacao (N. W. I.).....	37	72	United Kingdom.....	91	157
French West Indies.....	6	11	Eire (Ireland).....	0	1
Europe—			Netherlands.....	177	(³)
Iceland.....	(³)	0	Belgium and Luxembourg.....	1,904	1
United Kingdom.....	8	48	France.....	215	10
Eire (Ireland).....	1	0	Germany.....	71	243
Netherlands.....	2	6	Austria.....	4,717	18
Belgium and Luxembourg.....	3	4	Czechoslovakia.....	3,321	4
France.....	7	4	Switzerland.....	146	80
Germany.....	44	21	Poland and Danzig.....	8,377	0
Austria.....	6,291	5	U. S. S. R.....	10,494	1
			Azores.....	11	(³)
			Spain.....	0	1
			Portugal.....	(⁹)	0

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued					
Meats—Continued:					
Pork, canned—Continued					
Europe—Continued					
Italy.....	5,367	77			
Yugoslavia.....	489	(3)			
Greece.....	1,944	1,126			
Other Europe.....	2	(3)			
Total Europe.....	37,326	1,721			
Turkey.....	0	(3)			
Syria ¹⁰	1	11			
Lebanon.....	(6)	12 6			
Saudi Arabia.....	91	189			
State of Bahrein.....	8	29			
India ⁷	(3)	2			
Pakistan.....	(6)	12 0			
Burma.....	30	0			
British Malaya.....	1	51			
Netherlands East Indies.....	6,029	173			
Republic of Philippines.....	612	1,077			
China.....	23	0			
Japan.....	293	65			
French Morocco.....	0	(3)			
Gold Coast.....	39	46			
Nigeria.....	12	5			
Liberia.....	20	14			
Belgian Congo.....	22	6			
Union of South Africa.....	101	281			
Other countries.....	62	77			
Total.....	46,841	7,083			
Sausage, canned:					
Canada.....	3	5			
Newfoundland and Labrador.....	22	36			
Latin American Republics: ²					
Mexico.....	37	2			
Honduras.....	18	37			
Costa Rica.....	8	19			
Panama Republic.....	25	51			
Canal Zone.....	95	74			
Cuba.....	21	50			
Colombia.....	42	108			
Venezuela.....	192	457			
Other L. A. Republics.....	44	47			
Total L. A. Republics.....	482	845			
British West Indies ⁴	206	109			
Curacao (N. W. I.).....	64	73			
French West Indies.....	6	7			
Europe—					
Sweden.....	9	0			
Norway.....	(3)	0			
United Kingdom.....	186	13			
Eire (Ireland).....	(3)	0			
Netherlands.....	1,046	0			
Belgium and Luxembourg.....	(3)	20			
France.....	1	6			
Germany.....	514	34			
Austria.....	985	143			
Czechoslovakia.....	1,719	0			
Hungary.....	512	1			
Switzerland.....	0	(3)			
Poland and Danzig.....	869	0			
U. S. S. R.....	5,810	(3)			
Italy.....	2,213	64			
Yugoslavia.....	841	0			
Greece.....	3,045	927			
Other Europe.....	4	(3)			
Total Europe.....	17,754	1,258			
Sausage, canned—Continued					
Saudi Arabia.....	45	102			
Netherlands East Indies.....	1,190	139			
Republic of Philippines.....	593	1,768			
Japan.....	17	341			
Burma.....	15	0			
Gold Coast.....	5	5			
Nigeria.....	1	5			
Liberia.....	9	12			
Belgian Congo.....	19	19			
Union of South Africa.....	31	1			
Other countries.....	252	71			
Total.....	20,714	4,796			
Other canned meats:					
Canada.....	48	11			
Newfoundland and Labrador.....	117	205			
Latin American Republics: ²					
Mexico.....	51	58			
Honduras.....	24	36			
Costa Rica.....	30	49			
Panama Republic.....	37	36			
Canal Zone.....	315	173			
Cuba.....	131	73			
Colombia.....	30	108			
Venezuela.....	294	628			
Other L. A. Republics.....	46	39			
Total L. A. Republics.....	958	1,200			
British West Indies ⁴	103	59			
Curacao (N. W. I.).....	59	59			
Europe—					
Iceland.....	(3)	0			
Sweden.....	25	46			
Norway.....	206	10			
United Kingdom.....	1	30			
Eire (Ireland).....	(3)	1			
Netherlands.....	(3)	2			
Belgium and Luxembourg.....	42	273			
France.....	407	29			
Germany.....	79,054	9,056			
Austria.....	2,041	241			
Czechoslovakia.....	22,805	0			
Hungary.....	1,410	0			
Switzerland.....	4	35			
Poland and Danzig.....	36,364	0			
U. S. S. R.....	58,267	(3)			
Portugal.....	1	1			
Italy.....	10,659	30			
Yugoslavia.....	215	0			
Greece.....	3,437	6,065			
Other Europe.....	9	5			
Total Europe.....	215,047	15,819			
Saudi Arabia.....	19	78			
India ⁷	15	8			
Pakistan.....	(3)	12 0			
Netherlands East Indies.....	1,152	64			
Palestine ⁸	0	132			
Trans-Jordan.....	(3)	12 0			
Republic of Philippines.....	717	1,685			
China.....	94	1			
Korea.....	10,097	1			
Japan.....	1,156	963			
French Pacific Islands.....	29	33			
Egypt.....	0	(3)			
Gold Coast.....	1	11			
Liberia.....	5	14			
Belgian Congo.....	14	7			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued			Oleomargarine of animal or vegetable fats:	1,000 pounds	1,000 pounds
Meats—Continued			Canada	38	4
Other canned meats—Continued			Latin American Republics: ²		
Union of South Africa	214	252	Panama Republic	92	167
Other countries	63	130	Canal Zone	140	553
Total	229,908	20,732	Cuba	31	0
			Dominican Republic	0	31
			Other L. A. Republics	47	24
			Total L. A. Republics	310	775
Oils and fats:			British Honduras	76	0
Lard, including neutral:			British West Indies ⁴	293	303
Canada	7,382	6,597	Curacao (N. W. I.)	335	163
Newfoundland and Labrador	612	319	French West Indies	92	46
Latin American Republics: ²			Surinam	68	127
Mexico	23,189	21,847	British Guiana	85	0
Guatemala	520	291	Europe—		
Costa Rica	1,893	2,285	United Kingdom	5	1
Panama Republic	1,758	2,436	Eire (Ireland)	0	(³)
Canal Zone	1,759	1,596	Belgium and Luxembourg	114	0
Cuba	75,739	73,063	France	13,590	18
Haiti	823	948	Germany	148	29
Dominican Republic	418	959	Austria	2,139	60
Colombia	3,905	4,727	Czechoslovakia	204	148
Venezuela	3,849	6,907	Hungary	935	1
Ecuador	1,876	3,183	Finland	62	60
Peru	1,222	3,289	Bulgaria	0	120
Bolivia	546	1,415	Poland and Danzig	9,605	2,998
Other L. A. Republics	82	498	U. S. S. R.	768	0
Total L. A. Republics	117,579	123,444	Italy	7,122	1,477
British West Indies ⁴	4	2	Yugoslavia	50	770
Curacao (N. W. I.)	288	627	Greece	240	1,980
French West Indies	953	1,058	Rumania	0	450
Europe—			Other Europe	0	48
Denmark	0	(³)	Total Europe	34,982	8,160
United Kingdom	34,707	6	Syria ¹⁰	63	38
Netherlands	5,131	2,202	Lebanon	(⁹)	¹² 14
Belgium and Luxembourg	8,098	26,234	Netherlands East Indies	137	19
France	69,397	40,764	Republic of Philippines	228	6
Germany	2,645	51,288	China	1	36
Austria	18,098	33,024	Japan	0	20
Czechoslovakia	5,278	8,325	French Morocco	2,520	0
Switzerland	1,130	2,862	Algeria	3,329	0
Finland	5,036	5,065	Liberia	23	20
Poland and Danzig	15,728	4,788	Other countries	40	46
U. S. S. R.	3,161	0	Total	42,620	9,777
Italy ⁹	21,066	24,979			
Trieste	(⁶)	¹² 904	Oleo oil:		
Yugoslavia	225	1,790	Latin American Republics: ²		
Greece	1,878	5,761	Mexico	106	69
Rumania	0	846	Cuba	0	33
Bulgaria	0	361	Other L. A. Republics	0	0
Albania	0	26	Total L. A. Republics	106	102
Other Europe	1	0	Europe	0	0
Total Europe	191,574	209,225	Other countries	0	7
Republic of Philippines	257	186	Total	106	109
China	8	40			
Japan	2,108	8	Tallow, total:		
Tunisia	231	0	Canada	6,651	11,025
French Morocco	639	0	Latin American Republics: ²		
Algeria	131	0	Mexico	146	519
Egypt	0	7	Guatemala	171	388
Gold Coast	24	2	El Salvador	30	0
Madagascar	770	382	Honduras	102	38
Union of South Africa	0	307			
Other countries ⁸	151	170			
Total	322,711	342,374			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued			Honey—Continued	1,000	1,000
Oils and fats—Continued			Europe—Continued	pounds	pounds
Tallow, total—Continued	1,000	1,000	Finland.....	30	6
L. A. Republics—Continued	pounds	pounds	U. S. S. R.....	0	(²)
Nicaragua.....	21	102	Italy.....	0	39
Costa Rica.....	112	127	Other Europe.....	0	1
Panama Republic.....	181	780	Total Europe.....	62	5,199
Cuba.....	12,499	15,689	Saudi Arabia.....	4	12
Haiti.....	56	16	India ⁷	79	19
Dominican Republic.....	199	687	Pakistan.....	(⁸)	12 0
Colombia.....	482	712	Siam (Thailand).....	0	(²)
Venezuela.....	298	365	Netherlands East Indies.....	(⁸)	25
Ecuador.....	97	69	Republic of Philippines.....	22	14
Peru.....	17	370	China.....	1	0
Bolivia.....	1	103	Hong Kong.....	2	52
Other L. A. Republics.....	(³)	1	Japan.....	0	6
Total L. A. Republics.....	14,412	19,966	Belgian Congo.....	8	7
British West Indies ⁴	51	355	Other countries.....	6	5
Europe—			Total.....	205	6,202
Iceland.....	0	116	VEGETABLE PRODUCTS		
Norway.....	0	220	Cotton and hnters unmanufactured: (500 lb.)	1,000	1,000
Netherlands.....	0	7,809	Cotton:	bales	bales
Belgium and Luxembourg.....	241	1,497	Canada.....	340	135
France.....	0	5,561	Latin American Republics ²	38	14
Germany.....	0	2,380	Europe—		
Austria.....	30	222	Sweden.....	23	6
Switzerland.....	122	2,672	Norway.....	5	3
Finland.....	0	501	United Kingdom.....	490	267
Poland and Danzig.....	131	0	Eire (Ireland).....	(³)	1
Italy ⁵	92	0	Netherlands.....	126	36
Yugoslavia.....	297	0	Belgium and Luxembourg.....	194	52
Trieste.....	(⁶)	12 493	France.....	409	202
Greece.....	0	2	Germany.....	206	229
Other Europe.....	0	0	Austria.....	4	(⁸)
Total Europe.....	913	21,473	Czechoslovakia.....	114	22
Siam (Thailand).....	0	169	Switzerland.....	22	2
Republic of Philippines.....	33	471	Hungary.....	0	(³)
Algeria.....	0	10	Finland.....	27	27
French West Africa.....	5	2	Poland and Danzig.....	49	50
Union of South Africa.....	23	3,635	Spain.....	64	2
Other countries.....	5	10	Gibraltar.....	(³)	0
Total.....	22,093	57,116	Italy.....	553	77
Honey:			Yugoslavia.....	61	0
Greenland.....	2	0	Greece.....	15	1
Canada.....	4	830	Other Europe.....	0	0
Latin American Republics: ³			Total Europe.....	2,362	977
Mexico.....	1	2	Lebanon.....	(⁸)	(12) (³)
Panama Republic.....	(³)	1	Iran.....	2	0
Canal Zone.....	(³)	0	Palestine ⁴	2	3
Colombia.....	1	1	Trans-Jordan.....	(⁸)	12 0
Venezuela.....	1	0	India ⁷	(⁸)	9
Peru.....	2	0	Pakistan.....	(⁸)	12 0
Argentina.....	0	23	French Indo-China.....	6	4
Other L. A. Republics.....	1	(³)	Netherlands East Indies.....	0	1
Total L. A. Republics.....	6	27	Republic of Philippines.....	7	2
British West Indies ⁴	(³)	2	China.....	518	287
Curacao (N. W. I.).....	9	4	Korea.....	0	59
Europe—			Hong Kong.....	2	0
Sweden.....	7	(³)	Japan.....	648	451
Norway.....	2	0	Australia.....	10	11
Denmark.....	3	8	Union of South Africa.....	(²)	3
United Kingdom.....	0	(³)	Other countries.....	0	0
Netherlands.....	2	1	Total.....	3,935	1,956
Belgium and Luxembourg.....	3	185			
France.....	11	3			
Germany.....	0	4,903			
Austria.....	4	5			
Switzerland.....	0	48			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Cotton and linters unmanufactured: (500 lb.)—Continued					
Linters:					
Canada	19	20			
Latin American Republic ²	(³)	(³)			
Europe—					
United Kingdom	27	143			
Eire (Ireland)	0	(³)			
Netherlands	0	1			
Belgium and Luxembourg	2	1			
France	9	47			
Germany	0	34			
Switzerland	0	(³)			
Italy	3	(³)			
Other Europe	0	0			
Total Europe	41	226			
Japan	0	15			
Union of South Africa	(³)	1			
Other countries	(³)	0			
Total	60	262			
Fruits, fresh:					
Apples:					
Canada	17,633	9,333			
Newfoundland and Labrador	494	408			
Latin American Republics: ²					
Mexico	12,902	8,424			
Guatemala	83	183			
El Salvador	90	196			
Honduras	182	192			
Nicaragua	194	200			
Costa Rica	359	379			
Panama Republic	483	859			
Canal Zone	905	835			
Cuba	12,642	14,093			
Dominican Republic	431	888			
Colombia	1,112	891			
Venezuela	2,987	12,166			
Brazil	6,445	3,261			
Uruguay	457	0			
Argentina	283	0			
Other L. A. Republics	83	136			
Total L. A. Republics	39,638	42,703			
British West Indies ⁴	637	408			
Curacao (N. W. I.)	1,089	1,390			
Europe—					
Iceland	14	10			
Sweden	36,142	13,891			
Norway	5	1			
Denmark	105	0			
United Kingdom	78,311	44			
Netherlands	2,012	0			
Belgium and Luxembourg	16,577	1,687			
France	1	0			
Switzerland	378	421			
Portugal	66	0			
Other Europe	0	0			
Total Europe	133,611	16,054			
Palestine ⁵	1,371	689			
Trans-Jordan	(⁶)	12 0			
India ⁷	1,016	176			
Pakistan	(⁶)	12 0			
Ceylon	1,002	1,321			
British Malaya	360	44			
Netherlands East Indies	5	9			
Republic of the Philippines	23,339	42,574			
Apples—Continued					
China	1,513	4			
Hong Kong	8,476	11,378			
Japan	0	40			
French Morocco	0	106			
Egypt	1,301	0			
Union of South Africa	249	35			
Other countries	287	324			
Total	232,021	126,996			
Grapes, fresh:					
Canada	51,276	47,690			
Newfoundland and Labrador	195	291			
Latin American Republics: ²					
Mexico	6,657	6,155			
Guatemala	83	343			
El Salvador	55	323			
Honduras	86	194			
Nicaragua	2	71			
Costa Rica	145	231			
Panama Republic	197	379			
Canal Zone	192	238			
Cuba	2,517	4,280			
Haiti	13	33			
Dominican Republic	180	431			
Colombia	254	384			
Venezuela	600	7,435			
Brazil	2,951	3,518			
Argentina	7	0			
Other L. A. Republics	0	(³)			
Total L. A. Republics	13,939	24,015			
British Honduras	35	21			
British West Indies ⁴	142	108			
Curacao (N. W. I.)	115	247			
British Guiana	5	11			
Europe—					
Iceland	(³)	0			
Sweden	570	0			
United Kingdom	2,660	0			
France	0	1			
Other Europe	0	0			
Total Europe	3,170	1			
India ⁷	3	3			
Pakistan	(⁶)	12 0			
Ceylon	17	1,220			
British Malaya	27	43			
Republic of Philippines	2,541	17,790			
China	332	0			
Hong Kong	377	2,887			
Japan	0	16			
New Zealand	3	0			
Other countries	5	10			
Total	72,182	94,353			
Pears, fresh:					
Canada	28,210	18,683			
Newfoundland and Labrador	77	89			
Latin American Republics: ²					
Mexico	1,898	1,235			
Honduras	30	45			
Costa Rica	35	38			
Panama Republic	203	339			
Canal Zone	258	152			
Cuba	2,798	4,099			
Dominican Republic	91	218			
Colombia	118	202			
Venezuela	921	4,691			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fruits, fresh—Continued					
Pears, fresh—Continued					
L. A. Republics—Continued	1,000	1,000			
Haiti.....	20	23			
Brazil.....	7,380	10,225			
Other L. A. Republics.....	16	19			
Total L. A. Republics.....	13,768	21,286			
British Honduras.....	26	10			
British West Indies ⁴	124	56			
Curacao (N. W. I.).....	226	288			
Europe—					
Iceland.....	0	6			
Sweden.....	17,316	4,711			
United Kingdom.....	43,734	24,072			
Eire (Ireland).....	70	100			
Netherlands.....	903	236			
Belgium and Luxembourg.....	1,424	26			
Switzerland.....	34	0			
Other Europe.....	0	0			
Total Europe.....	63,481	29,151			
Palestine ⁵	574	276			
Trans-Jordan.....	(9)	12 0			
Republic of Philippines.....	114	245			
China.....	90	0			
Hong Kong.....	73	258			
Japan.....	0	1			
Egypt.....	878	68			
Other countries.....	35	25			
Total.....	107,676	70,436			
Grapefruit, fresh:					
Canada.....	133,855	123,250			
Newfoundland and Labrador.....	470	512			
Latin American Republics ²	369	542			
British West Indies ⁴	266	148			
Curacao (N. W. I.).....	158	257			
Europe—					
Iceland.....	32	6			
Sweden.....	7,454	24			
Norway.....	26	42			
United Kingdom.....	37,956	23			
Netherlands.....	2,966	1,742			
Belgium and Luxembourg.....	27,350	15,499			
Switzerland.....	1,017	2,719			
Finland.....	2	6			
Other Europe.....	0	0			
Total Europe.....	76,793	20,061			
Republic of Philippines.....	136	237			
China.....	2	0			
Hong Kong.....	67	212			
Japan.....	0	19			
Other countries.....	130	237			
Total.....	212,246	145,475			
Lemons and limes:					
Canada.....	34,639	21,404			
Latin American Republics ²	679	818			
British West Indies ⁴	140	100			
Curacao (N. W. I.).....	111	149			
Europe—					
Iceland.....	86	0			
Sweden.....	225	0			
United Kingdom.....	0	18			
Netherlands.....	73	0			
Belgium and Luxembourg.....	856	1,143			
Lemons and limes—Continued					
Europe—Continued					
Poland and Danzig.....	0	37			
Other Europe.....	0	0			
Total Europe.....	1,240	1,198			
Republic of Philippines.....	104	234			
China.....	273	0			
Japan.....	0	9			
Other countries.....	389	524			
Total.....	37,575	24,436			
Oranges, fresh:					
Canada.....	462,341	388,509			
Newfoundland and Labrador.....	1,826	2,603			
Latin American Republics: ²					
Mexico.....	6,318	6,996			
Canal Zone.....	1,059	488			
Other L. A. Republics.....	49	70			
Total L. A. Republics.....	7,426	7,554			
British West Indies ⁴	2,352	1,234			
Curacao (N. W. I.).....	1,184	1,676			
Europe—					
Iceland.....	40	23			
Sweden.....	33,979	4			
Norway.....	48	134			
Denmark.....	2	(3)			
United Kingdom.....	1,546	62			
Netherlands.....	11,765	8,027			
Belgium and Luxembourg.....	86,799	71,023			
France.....	0	1,682			
Switzerland.....	2,286	4,445			
Finland.....	0	2			
Poland and Danzig.....	0	21			
Portugal.....	2	0			
Other Europe.....	0	0			
Total Europe.....	136,457	85,423			
India ⁷	49	0			
Pakistan.....	(6)	12 0			
British Malaya.....	2,425	1,772			
Republic of Philippines.....	33,051	39,510			
China.....	14,866	237			
Hong Kong.....	23,063	31,562			
Japan.....	0	73			
Other countries.....	278	419			
Total.....	685,318	560,672			
Fruits, dried and evaporated:					
Apples, dried and evaporated:					
Greenland.....	5	0			
Canada.....	474	781			
Newfoundland and Labrador.....	51	68			
Latin American Republics: ²					
Mexico.....	43	16			
Panama Republic.....	(3)	2			
Canal Zone.....	13	11			
Cuba.....	18	19			
Colombia.....	40	35			
Venezuela.....	78	154			
Bolivia.....	21	1			
Brazil.....	21	20			
Peru.....	6	4			
Other L. A. Republics.....	8	10			
Total L. A. Republics.....	248	272			
British West Indies ⁴	3	2			
Curacao (N. W. I.).....	27	17			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Apricots, dried—Continued		
Fruits, dried and evaporated—Con.			L. A. Republics—Continued	1,000	1,000
Apples, dried and evaporated—Continued			Bolivia.....	pounds 2	pounds 2
Europe—	1,000	1,000	Brazil.....	293	275
Iceland.....	pounds 8	pounds 0	Paraguay.....	1	1
Sweden.....	2,843	0	Other L. A. Republics.....	1	2
Norway.....	0	33	Total L. A. Republics.....	581	463
United Kingdom.....	4,385	1,583	British West Indies ⁴	1	3
Netherlands.....	108	237	Curacao (N. W. I.).....	15	14
Belgium and Luxembourg.....	515	55	Europe—		
France.....	2	(³)	Iceland.....	2	0
Germany.....	140	2	Sweden.....	553	(³)
Austria.....	1	13	Norway.....	0	39
Switzerland.....	30	167	Denmark.....	1	5
Portugal.....	11	3	United Kingdom.....	70	(³)
Italy.....	(³)	74	Netherlands.....	146	244
Greece.....	1	0	Belgium and Luxembourg.....	1,792	1,687
Other Europe.....	0	0	France.....	2	46
Total Europe.....	8,044	2,167	Germany.....	0	(³)
Palestine ⁵	71	13	Czechoslovakia.....	(³)	0
Trans-Jordan.....	(⁶)	12 0	Austria.....	(³)	7
Saudi Arabia.....	6	21	Switzerland.....	517	352
India ⁷	11	27	Poland and Danzig.....	(³)	0
Pakistan.....	(⁸)	12 0	Portugal.....	11	0
Siam (Thailand).....	0	(³)	Italy.....	1	14
Netherlands East Indies.....	188	184	Greece.....	1	0
Republic of Philippines.....	4	2	Other Europe.....	0	0
China.....	2	0	Total Europe.....	3,096	2,394
Hong Kong.....	3	9	Syria ¹⁰	1	1
Japan.....	0	48	Lebanon.....	(⁶)	12 0
Egypt.....	3	0	Saudi Arabia.....	6	12
Union of South Africa.....	100	133	Afghanistan.....	4	1
Other countries.....	10	3	India ⁷	9	10
Total.....	9,250	3,727	Pakistan.....	(⁶)	12 0
Apple waste:			Siam (Thailand).....	0	1
Latin American Republics ²	1	0	British Malaya.....	2	0
Bahamas.....	(³)	0	Netherlands East Indies.....	128	423
Curacao (N. W. I.).....	(³)	0	Republic of Philippines.....	8	3
Europe—			China.....	21	1
United Kingdom.....	230	0	Hong Kong.....	6	14
Netherlands.....	108	0	Japan.....	5	11
Belgium and Luxembourg.....	334	0	New Zealand.....	(³)	734
Other Europe.....	0	0	Egypt.....	8	1
Total Europe.....	672	0	Belgian Congo.....	2	(³)
Other countries.....	0	0	Union of South Africa.....	39	22
Total.....	673	0	Other countries.....	1	3
Apricots, dried:			Total.....	6,859	4,818
Greenland.....	3	0	Figs, dried:		
Canada.....	2,561	399	Canada.....	3,344	328
Newfoundland and Labrador.....	359	307	Newfoundland and Labrador.....	3	1
Miquelon and St. Pierre.....	3	1	Latin American Republics: ²		
Latin American Republics: ²			Mexico.....	33	12
Mexico.....	133	30	Honduras.....	4	(³)
Guatemala.....	5	3	Canal Zone.....	12	6
Honduras.....	1	0	Cuba.....	21	8
Nicaragua.....	1	0	Dominican Republic.....	9	15
Costa Rica.....	5	3	Colombia.....	29	8
Panama Republic.....	3	1	Venezuela.....	65	30
Canal Zone.....	10	9	Brazil.....	17	23
Cuba.....	27	7	Guatemala.....	6	5
Dominican Republic.....	(³)	2	Costa Rica.....	4	2
Colombia.....	39	31	Other L. A. Republics.....	9	8
Venezuela.....	58	74	Total L. A. Republics.....	209	117
Peru.....	2	23	British West Indies ⁴	9	4
			Curacao (N. W. I.).....	13	4

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Peaches, dried—Continued		
Fruits, dried and evaporated—Con.			L. A. Republics—Continued	1,000	1,000
Figs, dried—Continued			Cuba.....	pounds	pounds
Europe—			Colombia.....	21	14
Iceland.....	3	0	Venezuela.....	17	13
Sweden.....	205	0	Peru.....	4	7
Italy.....	12	0	Bolivia.....	6	2
United Kingdom.....	(3)	0	Chile.....	3	0
Belgium and Luxembourg.....	66	0	Brazil.....	37	8
Germany.....	101	541	Paraguay.....	3	1
Other Europe.....	0	(3)	Uruguay.....	2	4
Other L. A. Republics.....			Other L. A. Republics.....	2	(3)
Total Europe.....	387	541	Total L. A. Republics.....	380	207
India.....	3	4	British West Indies ⁴	2	(3)
Pakistan.....	(6)	12	Curacao (N. W. I.).....	5	9
Republic of Philippines.....	4	13	Europe—		
China.....	(3)	2	Sweden.....	1,197	0
Hong Kong.....	80	154	Norway.....	0	2
Japan.....	0	263	Denmark.....	1	1
French Pacific Islands.....	6	0	United Kingdom.....	18,551	89
Union of South Africa.....	58	20	Netherlands.....	5	8
Other countries.....	9	9	Belgium and Luxembourg.....	111	133
Total.....	4,125	1,460	France.....	1	1
Fruits for salad, dried:			Germany.....	4	5
Canada.....	113	3	Austria.....	(3)	13
Latin American Republics: ²			Switzerland.....	35	27
Mexico.....	14	5	Poland and Danzig.....	0	(3)
Canal Zone.....	1	1	Portugal.....	7	0
Colombia.....	(3)	2	Italy.....	0	40
Venezuela.....	5	5	Other Europe.....	0	0
Peru.....	1	4	Total Europe.....	19,912	319
Brazil.....	1	76	Saudi Arabia.....	5	11
Other L. A. Republics.....	(3)	5	Afghanistan.....	2	2
Total L. A. Republics.....	22	98	India.....	61	15
British West Indies ⁴	13	6	Pakistan.....	(9)	12
Curacao (N. W. I.).....	1	1	Siam (Thailand).....	0	1
Europe—			Netherlands East Indies.....	0	3
Sweden.....	20,240	60	Republic of Philippines.....	12	19
Norway.....	0	3	China.....	16	0
United Kingdom.....	0	1	Hong Kong.....	2	9
Belgium and Luxembourg.....	85	16	Japan.....	4	267
Germany.....	0	(3)	New Zealand.....	0	360
Switzerland.....	1	58	Egypt.....	1,111	744
Yugoslavia.....	13	0	Union of South Africa.....	701	641
Other Europe.....	0	0	Other countries.....	6	9
Total Europe.....	20,339	138	Total.....	25,363	2,848
India.....	0	(3)	Pears, dried:		
Pakistan.....	(6)	12	Canada.....	492	11
Ceylon.....	0	(3)	Newfoundland and Labrador.....	30	2
Republic of Philippines.....	7	10	Latin American Republics: ²		
Portuguese Guines, n.e.s.....	0	1	Mexico.....	100	25
China.....	4	0	Costa Rica.....	2	0
Hong Kong.....	8	0	Panama Republic.....	6	1
French Morocco.....	0	2	Cuba.....	34	6
Other countries.....	4	6	Colombia.....	8	35
Total.....	20,511	265	Venezuela.....	94	248
Peaches, dried:			Peru.....	6	6
Canada.....	2,992	158	Bolivia.....	2	3
Newfoundland.....	152	74	Brazil.....	8	14
Latin American Republics: ²			Other L. A. Republics.....	4	2
Mexico.....	148	28	Total L. A. Republics.....	264	340
Guatemala.....	1	1	Curacao (N. W. I.).....	5	4
Honduras.....	1	0	Europe—		
Costa Rica.....	1	0	Sweden.....	4	0
Panama Republic.....	6	2	Norway.....	0	1
Canal Zone.....	16	0	United Kingdom.....	131	0
			Netherlands.....	90	24

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Prunes, dried—Continued		
Fruits, dried and evap.—Continued			Europe—Continued	1,000	1,000
Pears, dried—Continued			Eire (Ireland).....	pounds	pounds
Europe—Continued			Netherlands.....	2,415	26
Belgium and Luxembourg.....	66	22	Belgium and Luxembourg.....	1,380	305
France.....	0	85	France.....	13,279	7,330
Switzerland.....	50	52	Germany.....	6	291
Portugal.....	4	0	Austria.....	5	125,691
Italy.....	0	43	Czechoslovakia.....	11	9,507
Yugoslavia.....	13	0	Switzerland.....	410	0
Other Europe.....	0	0	Finland.....	1,072	1,085
Total Europe.....	358	227	Poland and Danzig.....	0	6
Palestine ⁵	9	22	Azores.....	1	(⁶)
Trans-Jordan.....	(⁶)	12 0	Portugal.....	249	10
Saudi Arabia.....	5	2	Italy.....	698	2,234
Afghanistan.....	0	4	Greece.....	2	0
India ⁷	13	8	Other Europe.....	0	0
Pakistan.....	(⁶)	12 0	Total Europe.....	93,995	153,909
Ceylon.....	1	0	Syria ¹⁰	17	4
Siam (Thailand).....	0	1	Lebanon.....	(⁶)	12 1
Netherlands East Indies.....	0	118	Palestine ⁵	324	279
Republic of Philippines.....	(⁶)	1	Trans-Jordan.....	(⁶)	12 0
China.....	(⁶)	0	Saudi Arabia.....	13	15
Hong Kong.....	(⁶)	2	Afghanistan.....	1	3
Egypt.....	2	1	India ⁷	346	188
Union of South Africa.....	29	99	Pakistan.....	(⁶)	12 0
Other countries.....	3	4	Ceylon.....	69	49
Total.....	1,211	846	Siam (Thailand).....	76	125
Prunes, dried:			British Malaya.....	6	443
Greenland.....	4	0	Netherlands East Indies.....	1,041	144
Canada.....	24,481	6,822	Republic of Philippines.....	896	1,482
Newfoundland and Labrador.....	471	199	China.....	85	2
Miquelon and St. Pierre.....	3	1	Hong Kong.....	243	443
Latin American Republics: ²			Japan.....	2	38,969
Mexico.....	1,234	310	New Zealand.....	2,923	2,198
Guatemala.....	107	99	French Pacific Islands.....	53	19
El Salvador.....	48	63	French Morocco.....	0	162
Honduras.....	30	29	Algeria.....	0	5
Nicaragua.....	78	42	Tangier.....	5	7
Costa Rica.....	88	47	Egypt.....	1,525	778
Panama Republic.....	128	138	Belgian Congo.....	34	47
Canal Zone.....	152	54	Mozambique.....	4	86
Cuba.....	866	927	Union of South Africa.....	2,563	0
Haiti.....	22	11	Other countries.....	56	17
Dominican Republic.....	114	171	Total.....	137,740	213,034
Colombia.....	467	484	Raisins and currants, dried:		
Venezuela.....	930	858	Greenland.....	2	0
Ecuador.....	19	8	Canada.....	1,762	40,088
Peru.....	75	132	Newfoundland and Labrador.....	647	1,130
Bolivia.....	53	43	Miquelon and St. Pierre.....	5	1
Chile.....	1	0	Latin American Republics: ²		
Brazil.....	2,922	2,486	Mexico.....	2,043	955
Paraguay.....	7	0	Guatemala.....	84	79
Uruguay.....	495	408	El Salvador.....	81	33
Argentina.....	21	66	Honduras.....	50	42
Other L. A. Republics.....	0	0	Nicaragua.....	39	28
Total L. A. Republics.....	7,857	6,376	Costa Rica.....	96	65
British Honduras.....	19	3	Panama Republic.....	90	103
Curacao (N. W. I.).....	126	68	Canal Zone.....	132	214
British West Indies ⁴	412	116	Cuba.....	1,057	433
French West Indies.....	12	0	Haiti.....	87	12
British Guiana.....	74	43	Dominican Republic.....	216	172
Surinam.....	4	31	Colombia.....	596	573
Europe—			Venezuela.....	689	929
Iceland.....	86	0	Ecuador.....	3	11
Sweden.....	11,726	5	Peru.....	67	223
Norway.....	505	2	Bolivia.....	40	50
Denmark.....	2	78	Brazil.....	1,165	5,093
United Kingdom.....	62,147	,339	Paraguay.....	3	0
			Uruguay.....	109	176

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47 ²	1947-48
VEGETABLE PRODUCTS—Continued			Other fruits, dried and evap.—Con.		
Fruits, dried and evap.—Con.			L. A. Republics—Continued	1,000	1,000
Raisins and currants, dried—Continued			Colombia.....	16	2
L. A. Republics—Continued			Venezuela.....	20	17
Argentina.....	86	1,302	Bolivia.....	8	0
Other L. A. Republics.....	(³)	3	Brazil.....	93	47
Total L. A. Republics.....	6,733	10,407	Other L. A. Republics.....	1	3
British Honduras.....	28	13	Total L. A. Republics.....	161	73
British West Indies ⁴	535	215	British West Indies ⁴	32	10
Curacao (N. W. I.).....	159	181	Curacao (N. W. I.).....	3	1
British Guiana.....	149	93	Europe—		
Surinam.....	19	14	Iceland.....	8	0
Europe—			Sweden.....	3,077	(³)
Iceland.....	21	30	Norway.....	1	0
Sweden.....	4,689	99	Denmark.....	6	1
Norway.....	(³)	18	United Kingdom.....	(³)	5
Denmark.....	3	109	Netherlands.....	0	7
United Kingdom.....	32,649	24,253	Belgium and Luxembourg.....	8	20
Eire (Ireland).....	5,347	0	France.....	0	(³)
Netherlands.....	767	283	Germany.....	94	60
Belgium and Luxembourg.....	1,420	12,812	Czechoslovakia.....	(³)	0
France.....	13	1,060	Switzerland.....	(³)	(³)
Germany.....	21	152,586	Poland and Danzig.....	2	0
Austria.....	(³)	5,480	Portugal.....	7	0
Czechoslovakia.....	(³)	1	Italy.....	2	0
Switzerland.....	949	2,068	Other Europe.....	0	0
Finland.....	16	45	Total Europe.....	3,205	93
Poland and Danzig.....	(³)	366	India ⁷	3	1
Azores.....	1	(³)	Pakistan.....	(³)	12
Portugal.....	106	0	Republic of Philippines.....	51	5
Italy.....	12	225	China.....	(³)	(³)
Greece.....	22	0	Japan.....	0	4
Other Europe.....	0	0	Belgian Congo.....	4	(³)
Total Europe.....	46,036	199,435	Union of South Africa.....	16	87
Syria ¹⁰	37	7	Other countries.....	3	3
Lebanon.....	(³)	0	Total.....	3,926	300
Palestine ⁸	5	1	Dates, fresh, dried or otherwise preserved:		
Trans-Jordan.....	(³)	19	Canada.....	3,436	1,000
Saudi Arabia.....	14	10	Newfoundland and Labrador.....	9	56
India ⁷	58	34	Latin American Republics: ²		
Pakistan.....	(³)	12	Mexico.....	88	84
Ceylon.....	1	71	Guatemala.....	3	6
Burma.....	96	0	Honduras.....	6	2
Siam (Thailand).....	61	21	Costa Rica.....	5	10
British Malaya.....	171	1,140	Panama Republic.....	1	6
Netherlands East Indies.....	155	274	Canal Zone.....	4	3
Republic of Philippines.....	1,410	2,769	Cuba.....	46	95
China.....	1,927	15	Dominican Republic.....	14	27
Hong Kong.....	712	2,387	Colombia.....	28	13
Japan.....	0	132	Venezuela.....	104	105
New Zealand.....	0	3,439	Peru.....	2	3
French Pacific Islands.....	3	8	Bolivia.....	6	3
French Morocco.....	0	31	Brazil.....	130	151
Belgian Congo.....	4	15	Uruguay.....	6	(³)
Other countries.....	9	9	Argentina.....	23	0
Total.....	60,738	261,940	Other L. A. Republics.....	3	(³)
Other fruits, dried and evaporated:			Total L. A. Republics.....	467	508
Greenland.....	2	0	British West Indies ⁴	15	8
Canada.....	442	23	Curacao (N. W. I.).....	27	44
Newfoundland and Labrador.....	4	(³)	British Honduras.....	8	1
Latin American Republics: ²			British Guiana.....	8	16
Mexico.....	9	1	Europe—		
Guatemala.....	2	1	Sweden.....	9	0
Costa Rica.....	1	1	Denmark.....	0	(³)
Canal Zone.....	5	0	United Kingdom.....	(³)	0
Cuba.....	2	1			
Dominican Republic.....	4	0			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Dates, fresh, dried or otherwise preserved—Continued					
Europe—Continued					
Austria.....	0	3			
Switzerland.....	0	16			
Azores.....	(3) 1	0			
Portugal.....	1	0			
Other Europe.....	0	0			
Total Europe.....	10	19			
Siam (Thailand).....	0	(3)			
Republic of Philippines.....	3	35			
China.....	1	2			
Tangier.....	0	19			
Union of South Africa.....	292	202			
Other countries.....	9	17			
Total.....	4,285	1,927			
Fruits, canned:					
Apples and applesauce, canned:					
Canada.....	788	567			
Newfoundland and Labrador.....	3	0			
Latin American Republics: ²					
Mexico.....	28	8			
El Salvador.....	(3) 1	1			
Nicaragua.....	2	0			
Panama Republic.....	28	46			
Canal Zone.....	276	286			
Cuba.....	140	167			
Dominican Republic.....	7	0			
Colombia.....	31	10			
Venezuela.....	222	296			
Ecuador.....	2	4			
Peru.....	9	0			
Bolivia.....	2	1			
Brazil.....	14	4			
Other L. A. Republics.....	1	2			
Total L. A. Republics.....	762	825			
British West Indies ⁴	82	34			
Curacao (N. W. I.).....	196	113			
Europe—					
Sweden.....	13	0			
United Kingdom.....	0	34			
Netherlands.....	1	0			
Belgium and Luxembourg.....	31	13			
France.....	4	4			
Germany.....	2	0			
Austria.....	5	(3)			
Czechoslovakia.....	1	0			
Switzerland.....	0	64			
Poland and Danzig.....	2	0			
Azores.....	0	1			
Portugal.....	(3) 0	0			
Italy.....	1	0			
Yugoslavia.....	0	1			
Greece.....	2	0			
Other Europe.....	0	0			
Total Europe.....	62	117			
Syria ¹⁰	1	12			
Lebanon.....	(6) 1	12 1			
State of Bahrein.....	8	4			
Afghanistan.....	9	2			
Saudi Arabia.....	22	167			
Pakistan.....	(6) 12	0			
Netherlands East Indies.....	511	144			
Republic of Philippines.....	42	11			
China.....	8	2			
Apples and applesauce, canned—Continued					
Hong Kong.....	1	(2)			
Japan.....	0	12			
French Pacific Islands.....	3	0			
Egypt.....	(3) 3	25			
Liberia.....	3	5			
Belgian Congo.....	144	27			
Union of South Africa.....	8	(3) 7			
Other countries.....	8	7			
Total.....	2,661	2,075			
Apricots, canned:					
Canada.....	1,952	1,810			
Newfoundland and Labrador.....	726	290			
Miquelon and St. Pierre.....	14	3			
Latin American Republics: ²					
Mexico.....	33	14			
Guatemala.....	9	4			
El Salvador.....	5	1			
Honduras.....	22	4			
Nicaragua.....	25	7			
Costa Rica.....	100	14			
Panama Republic.....	58	50			
Canal Zone.....	52	80			
Cuba.....	244	15			
Haiti.....	5	0			
Dominican Republic.....	4	3			
Colombia.....	134	67			
Venezuela.....	620	353			
Ecuador.....	15	4			
Peru.....	87	24			
Bolivia.....	4	1			
Brazil.....	78	7			
Other L. A. Republics.....	5	2			
Total L. A. Republics.....	1,500	650			
British West Indies ⁴	110	35			
Curacao (N. W. I.).....	130	104			
French West Indies.....	10	9			
Europe—					
Iceland.....	10	2			
Sweden.....	1,807	3			
Norway.....	5	30			
Denmark.....	5	45			
United Kingdom.....	13,014	14			
Eire (Ireland).....	306	17			
Netherlands.....	1,012	1,405			
Belgium and Luxembourg.....	9,206	5,937			
France.....	7	144			
Germany.....	36	0			
Austria.....	0	(3) 7			
Switzerland.....	245	313			
Finland.....	0	2			
Poland and Danzig.....	2	0			
Azores.....	1	0			
Portugal.....	36	1			
Italy.....	11	0			
Yugoslavia.....	9	0			
Other Europe.....	0	0			
Total Europe.....	25,712	7,913			
Syria ¹⁰	7	12			
Lebanon.....	(6) 5	12 2			
Kuwait.....	5	8			
State of Bahrein.....	12	44			
Afghanistan.....	7	3			
Saudi Arabia.....	47	97			
India ⁷	113	6			
Pakistan.....	(6) 11	12 0			
Ceylon.....	91	21			
Burma.....	4	0			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fruits, canned—Continued					
Apricots, canned—Cont.					
Siam (Thailand).....	34	0	Syria ¹⁰	8	7
British Malaya.....	34	(³)	Lebanon.....	(⁵)	12 2
Netherlands East Indies.....	1,532	682	Saudi Arabia.....	70	65
Republic of Philippines.....	374	14	State of Bahrain.....	11	17
China.....	321	7	Afghanistan.....	6	12
Hong Kong.....	23	13	India ⁷	(³)	1
Japan.....	0	5	Pakistan.....	(⁵)	12 0
New Zealand.....	1	46	Ceylon.....	5	9
French Pacific Islands.....	27	6	Burma.....	2	0
French Morocco.....	0	29	Siam (Thailand).....	27	8
Tangier.....	18	1	Netherlands East Indies.....	10	13
Egypt.....	32	22	Republic of Philippines.....	427	94
French Equatorial Africa.....	0	12	China.....	771	1
Portuguese, Guinea, n.e.s.....	12	6	Hong Kong.....	15	6
Liberia.....	5	2	Japan.....	0	4
Belgian Congo.....	56	60	French Pacific Islands.....	16	3
Mozambique.....	12	24	Tangier.....	5	0
Union of South Africa.....	297	0	Egypt.....	7	14
Southern Rhodesia.....	4	16	British West Africa ¹¹	(²)	0
Other countries.....	20	17	Mozambique.....	6	(³)
			Union of South Africa.....	261	6
			Other countries.....	66	58
Total.....	33,242	11,969	Total.....	2,726	1,135
Cherries, canned:			Fruits for salad, canned:		
Canada.....	21	369	Greenland.....	0	1
Newfoundland and Labrador.....	11	1	Canada.....	1,575	2,981
Latin American Republics: ²			Newfoundland and Labrador.....	166	127
Mexico.....	18	4	Miquelon and St. Pierre.....	0	4
Guatemala.....	9	4	Latin American Republics: ²		
El Salvador.....	5	(³)	Mexico.....	83	59
Honduras.....	6	3	Guatemala.....	19	21
Nicaragua.....	15	4	El Salvador.....	46	49
Costa Rica.....	13	2	Honduras.....	36	58
Panama Republic.....	15	7	Nicaragua.....	85	42
Canal Zone.....	38	37	Costa Rica.....	132	79
Cuba.....	40	7	Panama Republic.....	344	113
Colombia.....	84	23	Canal Zone.....	140	224
Venezuela.....	227	216	Cuba.....	2,459	3,395
Ecuador.....	8	5	Haiti.....	9	3
Peru.....	22	14	Dominican Republic.....	35	29
Bolivia.....	13	2	Colombia.....	229	227
Brazil.....	172	24	Venezuela.....	1,318	1,061
Other L. A. Republics.....	8	4	Ecuador.....	26	5
Total L. A. Republics.....	693	356	Peru.....	192	41
British West Indies ⁴	33	9	Bolivia.....	11	13
Curacao (N. W. I.).....	64	29	Brazil.....	75	30
Europe—			Paraguay.....	10	(³)
Iceland.....	1	0	Uruguay.....	11	0
Sweden.....	18	0	Argentina.....	1	0
Norway.....	0	2	Other L. A. Republics.....	(³)	1
Denmark.....	0	3	Total L. A. Republics.....	5,261	5,450
United Kingdom.....	0	1	British West Indies ⁴	221	152
Eire (Ireland).....	2	1	Curacao (N. W. I.).....	214	256
Netherlands.....	7	8	British Honduras.....	13	5
Belgium and Luxembourg.....	74	10	British Guiana.....	10	6
France.....	2	0	Surinam.....	2	6
Germany.....	4	0	Europe—		
Switzerland.....	15	23	Iceland.....	6	3
Finland.....	5	2	Sweden.....	1,167	6
Poland and Danzig.....	45	0	Norway.....	13	19
Azores.....	2	1	Denmark.....	0	3
Portugal.....	(²)	(²)	United Kingdom.....	15,674	7
Yugoslavia.....	13	0	Eire (Ireland).....	25	0
Greece.....	3	0	Netherlands.....	312	56
Other Europe.....	0	0	Belgium and Luxembourg.....	1,800	7,540
Total Europe.....	191	51	France.....	6	22
			Germany.....	77	0
			Austria.....	4	0

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fruits for salad, canned—Con.					
Europe—Continued	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
Czechoslovakia.....	8	0			
Hungary.....	(³)	0			
Switzerland.....	770	388			
Poland and Danzig.....	28	0			
U. S. S. R.....	0	(³)			
Azores.....	2	0			
Portugal.....	2	1			
Italy.....	49	0			
Yugoslavia.....	1	0			
Greece.....	12	0			
Other Europe.....	0	(³)			
Total Europe.....	19,956	8,045			
Syria ¹⁰	38	43			
Lebanon.....	(⁶)	12 25			
Saudi Arabia.....	18	88			
State of Bahrein.....	17	22			
Afghanistan.....	4	(³)			
India ⁷	129	23			
Pakistan.....	(⁶)	12 0			
Ceylon.....	18	27			
Burma.....	33	0			
Siam (Thailand).....	0	4			
British Malaya.....	199	2			
Netherlands East Indies.....	147	7			
Republic of Philippines.....	1,299	1,646			
China.....	245	12			
Hong Kong.....	103	303			
Japan.....	0	190			
French Pacific Islands.....	36	8			
French Morocco.....	0	6			
Tangier.....	33	2			
Egypt.....	214	215			
Canary Islands.....	14	2			
Cameroon.....	2	0			
Portuguese Guinea, n. e. s.....	12	64			
Liberia.....	5	3			
Belgian Congo.....	127	42			
British East Africa.....	4	0			
Mozambique.....	40	60			
Union of South Africa.....	193	74			
Southern Rhodesia.....	60	115			
Other countries.....	8	28			
Total.....	30,416	20,044			
Grapefruit, canned:					
Canada.....	1,243	209			
Newfoundland and Labrador.....	199	27			
Latin American Republics: ²					
Mexico.....	1	0			
Panama Republic.....	9	0			
Canal Zone.....	39	45			
Cuba.....	9	0			
Colombia.....	4	1			
Venezuela.....	28	38			
Peru.....	7	1			
Brazil.....	3	1			
Other L. A. Republics.....	6	1			
Total L. A. Republics.....	106	87			
British West Indies ⁴	22	30			
Curacao (N. W. I.).....	40	8			
Europe—					
Iceland.....	2	0			
Sweden.....	119	0			
Norway.....	1	0			
United Kingdom.....	41,648	(³)			
Grapefruit, canned—Continued					
Europe—Continued					
Eire (Ireland).....	(³)	0			
Netherlands.....	58	6			
Belgium and Luxembourg.....	667	22			
France.....	2	185			
Czechoslovakia.....	(³)	0			
Switzerland.....	178	74			
Azores.....	(³)	0			
Italy.....	8	0			
Yugoslavia.....	1	0			
Other Europe.....	0	0			
Total Europe.....	42,684	287			
Saudi Arabia.....	14	69			
State of Bahrein.....	4	9			
India ⁷	1	(³)			
Pakistan.....	(⁶)	12 0			
Netherlands East Indies.....	209	2			
Republic of Philippines.....	53	15			
China.....	2	3			
Japan.....	0	7			
Tangier.....	15	1			
Union of South Africa.....	11	4			
Other countries.....	7	15			
Total.....	44,610	773			
Grapes, canned:					
Canada.....	1	0			
Latin American Republics: ²					
Mexico.....	(³)	0			
El Salvador.....	0	22			
Honduras.....	0	33			
Nicaragua.....	0	47			
Costa Rica.....	0	9			
Panama Republic.....	0	32			
Canal Zone.....	0	1			
Cuba.....	0	5			
Venezuela.....	(³)	77			
Other L. A. Republics.....	0	3			
Total L. A. Republics.....	(³)	229			
Europe, total.....	0	0			
State of Bahrein.....	0	38			
Republic of Philippines.....	0	70			
Belgian Congo.....	2	0			
Other countries.....	0	4			
Total.....	3	341			
Loganberries, canned:					
Latin American Republics: ²					
Canal Zone.....	15	2			
Colombia.....	0	1			
Other L. A. Republics.....	0	2			
Total L. A. Republics.....	15	5			
Europe.....	0	0			
Ceylon.....	0	1			
Republic of Philippines.....	(³)	0			
China.....	(³)	1			
Japan.....	0	(³)			
Union of South Africa.....	0	2			
Other countries.....	0	1			
Total.....	15	10			
Other berries, canned:					
Canada.....	530	663			
Newfoundland and Labrador.....	15	5			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Peaches, canned—Continued	<i>1,000</i>	<i>1,000</i>
Fruits, canned—Continued			L. A. Republics—Continued	<i>pounds</i>	<i>pounds</i>
Other berries, canned—Con.	<i>1,000</i>	<i>1,000</i>	Brazil.....	1,306	221
Latin American Republics: ²	<i>pounds</i>	<i>pounds</i>	Paraguay.....	39	8
Mexico.....	1	1	Argentina.....	(3)	0
Panama Republic.....	5	1	Other L. A. Republics.....	16	0
Canal Zone.....	77	40	Total L. A. Republics.....	8,035	6,561
Cuba.....	63	85	British Honduras.....	26	6
Dominican Republic.....	2	1	British West Indies⁴.....	434	184
Colombia.....	14	10	Curacao (N. W. I.).....	312	137
Venezuela.....	62	63	Europe—		
Ecuador.....	3	1	Iceland.....	10	188
Peru.....	6	6	Sweden.....	3,522	12
Bolivia.....	1	3	Norway.....	27	41
Brazil.....	8	21	Denmark.....	2	82
Other L. A. Republics.....	3	2	United Kingdom.....	23,427	20
Total L. A. Republics.....	245	234	Eire (Ireland).....	792	56
British West Indies⁴.....	14	14	Netherlands.....	451	622
Curacao (N. W. I.).....	26	13	Belgium and Luxembourg.....	5,744	6,978
Europe—			France.....	14	361
Sweden.....	1	70	Germany.....	20	0
United Kingdom.....	0	2	Austria.....	10	2
Eire (Ireland).....	(3)	0	Czechoslovakia.....	5	0
Netherlands.....	0	4	Switzerland.....	710	442
Belgium and Luxembourg.....	3	70	Poland and Danzig.....	14	0
France.....	2	1	Portugal.....	34	(3)
Switzerland.....	0	118	Malta, Gozo and Cyprus.....	15	0
Poland and Danzig.....	1	0	Italy.....	13	1
Azores.....	(3)	0	Yugoslavia.....	24	0
Portugal.....	(3)	0	Greece.....	19	54
Other Europe.....	0	0	Other Europe.....	6	4
Total Europe.....	7	195	Total Europe.....	34,859	8,863
Syria¹⁰.....	0	9	Syria¹⁰.....	69	49
Lebanon.....	(3)	12	Lebanon.....	(3)	12
Saudi Arabia.....	16	99	Kuwait.....	0	93
State of Bahrein.....	3	2	Saudi Arabia.....	48	131
Afghanistan.....	3	5	State of Bahrein.....	35	316
Netherlands East Indies.....	1	5	Afghanistan.....	9	7
Republic of Philippines.....	11	23	India⁷.....	18	15
China.....	1	0	Pakistan.....	(3)	12
Hong Kong.....	1	2	Ceylon.....	53	46
Japan.....	0	5	Burma.....	9	0
Liberia.....	5	5	Siam (Thailand).....	25	3
Belgian Congo.....	(3)	0	Netherlands East Indies.....	1,510	790
Union of South Africa.....	10	6	Republic of Philippines.....	1,900	1,165
Other countries.....	5	7	China.....	730	3
Total.....	893	1,292	Hong Kong.....	162	192
Peaches, canned:			Japan.....	14	1,034
Canada.....	1,134	9,993	New Zealand.....	3	10
Newfoundland and Labrador.....	452	479	French Pacific Islands.....	21	8
Miquelon and St. Pierre.....	7	7	French Morocco.....	0	21
Latin American Republics: ²			Tangier.....	40	16
Mexico.....	126	89	Algeria.....	0	9
Guatemala.....	21	30	Egypt.....	25	153
El Salvador.....	38	31	Angola.....	(3)	12
Honduras.....	50	35	Portuguese Guinea, n.e.s¹³.....	26	22
Nicaragua.....	41	12	Liberia.....	9	8
Costa Rica.....	176	87	Belgian Congo.....	80	67
Panama Republic.....	211	152	Mozambique.....	42	72
Canal Zone.....	192	360	Union of South Africa.....	1,426	228
Cuba.....	3,141	3,863	Southern Rhodesia.....	29	54
Haiti.....	15	7	Southern British Africa.....	112	0
Dominican Republic.....	46	48	Other countries.....	28	65
Colombia.....	305	314	Total.....	51,682	30,834
Venezuela.....	1,268	931	Pears, canned:		
Ecuador.....	109	5	Canada.....	190	1,165
Peru.....	911	338	Newfoundland and Labrador.....	83	54
Bolivia.....	22	27	Miquelon and St. Pierre.....	0	5
Chile.....	2	3			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fruits, canned—Continued					
Pears, canned—Continued					
Latin American Republics: ²					
Mexico.....	1,000 27	1,000 13			
Guatemala.....	12	17			
El Salvador.....	23	11			
Honduras.....	38	14			
Nicaragua.....	37	18			
Costa Rica.....	48	53			
Panama Republic.....	172	101			
Canal Zone.....	62	175			
Cuba.....	2,151	4,051			
Haiti.....	6	7			
Dominican Republic.....	51	34			
Colombia.....	166	112			
Venezuela.....	984	846			
Ecuador.....	6	4			
Peru.....	50	13			
Bolivia.....	14	8			
Brazil.....	29	13			
Other L. A. Republics.....	3	0			
Total L. A. Republics.....	3,879	5,490			
British Honduras.....	25	6			
British West Indies ⁴	178	108			
Curacao (N. W. I.).....	221	197			
French West Indies.....	6	3			
British Guiana.....	11	5			
Surinam.....	6	1			
Europe—					
Iceland.....	22	94			
Sweden.....	1,043	4			
Norway.....	2	2			
Denmark.....	0	3			
United Kingdom.....	8,382	7			
Eire (Ireland).....	627	27			
Netherlands.....	31	70			
Belgium and Luxembourg.....	555	1,867			
France.....	4	4			
Germany.....	11	0			
Austria.....	5	0			
Czechoslovakia.....	1	0			
Hungary.....	(⁵)	0			
Switzerland.....	385	57			
Finland.....	0	2			
Poland and Danzig.....	4	0			
Azores.....	3	0			
Portugal.....	3	1			
Italy.....	5	(³)			
Greece.....	8	0			
Other Europe.....	0	0			
Total Europe.....	11,091	2,138			
Syria ¹⁰	29	22			
Lebanon.....	(⁶)	12			
Saudi Arabia.....	54	103			
State of Bahrein.....	2	18			
Afghanistan.....	6	2			
India ⁷	1	3			
Pakistan.....	(⁶)	12			
Ceylon.....	21	16			
Burma.....	4	0			
Netherlands East Indies.....	77	126			
Republic of Philippines.....	478	39			
China.....	47	8			
Hong Kong.....	41	36			
Japan.....	0	6			
New Zealand.....	2	2			
French Pacific Islands.....	21	24			
French Morocco.....	0	7			
Tangier.....	22	2			
Pears, canned—Continued					
Algeria.....	0	4			
Egypt.....	2	211			
Canary Islands.....	(⁶) 3	13			
Angola.....	(⁶)	12			
Portuguese, Guinea, n.e.s. ¹³	37	9			
Liberia.....	4	7			
Belgian Congo.....	66	56			
Mozambique.....	31	47			
Union of South Africa.....	136	2			
Southern Rhodesia.....	19	37			
Other countries.....	12	17			
Total.....	16,805	10,045			
Pineapples, canned:					
Canada.....	1,693	1,442			
Newfoundland and Labrador.....	207	206			
Latin American Republics: ²					
Mexico.....	9	7			
Panama Republic.....	16	40			
Canal Zone.....	163	101			
Cuba.....	60	11			
Colombia.....	14	20			
Venezuela.....	133	416			
Peru.....	62	10			
Bolivia.....	11	8			
Brazil.....	10	7			
Uruguay.....	15	0			
Other L. A. Republics.....	7	11			
Total L. A. Republics.....	490	631			
British West Indies ⁴	128	123			
Curacao (N. W. I.).....	138	162			
Europe—					
Iceland.....	4	1			
Sweden.....	1,777	302			
Norway.....	35	26			
Denmark.....	1	4			
United Kingdom.....	3,696	205			
Eire (Ireland).....	277	0			
Netherlands.....	129	237			
Belgium and Luxembourg.....	4,970	7,551			
France.....	3	31			
Germany.....	16	0			
Austria.....	38	0			
Czechoslovakia.....	1	0			
Hungary.....	1	0			
Switzerland.....	2,106	986			
Poland and Danzig.....	138	0			
Azores.....	2	0			
Portugal.....	0	(³)			
Italy ⁹	2	59			
Trieste.....	(⁶)	12			
Yugoslavia.....	99	1			
Greece.....	12	0			
Other Europe.....	0	0			
Total Europe.....	13,307	9,421			
Syria ¹⁰	41	43			
Lebanon.....	(⁶)	12			
Saudi Arabia.....	56	119			
State of Bahrein.....	18	6			
Afghanistan.....	9	9			
India ⁷	0	11			
Pakistan.....	(⁶)	12			
Burma.....	3	0			
Siam (Thailand).....	0	2			
British Malaya.....	68	0			
Netherlands East Indies.....	15	1			
Republic of Philippines.....	716	1,304			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fruits, canned—Continued:					
Pineapples, canned—Continued	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
China	257	12	Prunes and plums, canned—Con.		
Hong Kong	56	201	Union of South Africa	62	1
Japan	0	12	Southern Rhodesia	0	12
French Morocco	0	20	Other countries	25	34
Tangier	25	22	Total	7,855	2,264
Egypt	54	226	Other canned fruits:		
Canary Islands	14	0	Canada	221	323
Southern Rhodesia	5	14	Newfoundland and Labrador	17	9
Other countries	33	39	Latin American Republics: 2		
Total	17,333	14,067	Mexico	41	24
Prunes and plums, canned:			Honduras	(3)	2
Canada	105	198	Nicaragua	1	3
Newfoundland and Labrador	97	31	Costa Rica	3	7
Latin American Republics: 2			Panama Republic	12	19
Mexico	27	5	Canal Zone	25	62
Nicaragua	19	12	Cuba	284	288
Costa Rica	24	6	Colombia	23	78
Panama Republic	55	21	Venezuela	260	878
Canal Zone	51	114	Peru	21	17
Cuba	153	108	Bolivia	10	9
Dominican Republic	3	27	Brazil	213	9
Colombia	91	46	Other L. A. Republics	11	16
Venezuela	234	231	Total L. A. Republics	904	1,412
Ecuador	2	2	British West Indies 4	47	30
Brazil	104	19	Curacao (N. W. I.)	79	45
Argentina	0	15	British Guiana	3	(3)
Other L. A. Republics	15	7	Europe—		
Total L. A. Republics	778	613	Iceland	2	3
British West Indies 4	34	18	Sweden	171	51
Curacao (N. W. I.)	91	48	Norway	0	12
Europe			Denmark	5	5
Sweden	36	0	United Kingdom	456	61
Norway	0	3	Eire (Ireland)	5	0
Denmark	0	3	Netherlands	0	6
United Kingdom	3,091	14	Belgium and Luxembourg	349	264
Netherlands	22	8	France	6	36
Belgium and Luxembourg	708	458	Germany	0	100
France	8	3	Austria	0	23
Switzerland	31	38	Czechoslovakia	4	0
Finland	0	2	Switzerland	53	3
Azores	1	0	Finland	0	12
Portugal	10	0	Poland and Danzig	17	5
Italy	5	1	U. S. S. R.	(3)	0
Other Europe	0	0	Azores	(3)	2
Total Europe	3,912	530	Portugal	5	0
Syria 10	(3)	10	Italy	26	8
Lebanon	(3)	(12)	Yugoslavia	2	35
Palestine 4	74	1	Greece	2	0
Trans-Jordan	(3)	12	Other Europe	0	0
Kuwait	(2)	12	Total Europe	1,103	626
Saudi Arabia	15	59	Syria 10	27	9
State of Bahrein	1	38	Lebanon	(3)	12
India 7	(3)	15	Kuwait	0	17
Pakistan	(3)	12	Saudi Arabia	26	156
Siam (Thailand)	6	2	Arabia Peninsula States	1	7
British Malaya	0	52	State of Bahrein	0	12
Netherlands East Indies	2,433	409	Afghanistan	0	4
Republic of Philippines	99	43	India 7	7	2
China	76	3	Pakistan	(3)	12
Hong Kong	1	25	Ceylon	2	14
Japan	0	(3)	Burma	1	0
French Pacific Islands	14	4	Siam (Thailand)	7	3
French Morocco	0	31	Netherlands East Indies	2	0
Tangier	7	2	Republic of Philippines	67	60
Belgian Congo	23	53	China	2	2
Mozambique	2	20	Hong Kong	13	18
			Japan	2	60
			French Morocco	0	19

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Grapefruit juice—Continued		
Fruits, canned—Continued			Europe—Continued		
Other canned fruits—Continued:			Poland and Danzig.....	177	0
Tangier.....	22	2	Azores.....	(3)	(3)
Egypt.....	(8)	10	Portugal.....	(3)	0
Angola.....	(8)	12	Italy.....	38	0
Portuguese Guinea, n.e.s. ²	16	2	Yugoslavia.....	(3)	0
Belgian Congo.....	45	32	Greece.....	169	(3)
Ethiopia.....	0	19	Rumania.....	0	1
Union of South Africa.....	24	15	Other Europe.....	5	0
Southern Rhodesia.....	2	9			
Other countries.....	13	14	Total Europe.....	1,584	2,151
Total.....	2,672	3,492			
Fruit pulp:			Saudi Arabia.....	8	34
Greenland.....	3	0	Burma.....	(3)	0
Canada.....	1,013	1,046	Siam (Thailand).....	1	0
Newfoundland and Labrador.....	42	3	British Malaya.....	10	(3)
Latin American Republics: ²			Netherlands East Indies.....	7	1
Mexico.....	23	0	Republic of Philippines.....	10	2
Cuba.....	6	0	China.....	18	0
Colombia.....	5	1	Hong Kong.....	3	(3)
Venezuela.....	9	1	Japan.....	6	(3)
Peru.....	14	0	French Morocco.....	0	(3)
Other L. A. Republics.....	4	(3)	Union of South Africa.....	2	2
Total L. A. Republics.....	61	2	Other countries.....	8	7
British West Indies ⁴	60	1	Total.....	8,623	4,919
Europe—			Orange juice:		
Sweden.....	(2)	1	Canada.....	2,511	2,206
Norway.....	(2)	0	Newfoundland and Labrador.....	79	167
Netherlands.....	2	0	Latin American Republics: ²		
Belgium and Luxembourg.....	123	3	Mexico.....	23	25
Other Europe.....	0	0	Panama Republic.....	10	7
Total Europe.....	131	4	Canal Zone.....	20	30
Republic of Philippines.....	2	0	Colombia.....	11	6
Other countries.....	7	1	Venezuela.....	111	231
Total.....	1,319	1,057	Peru.....	4	4
			Brazil.....	4	(3)
			Paraguay.....	6	(3)
			Other L. A. Republics.....	4	11
			Total L. A. Republics.....	193	314
			British West Indies ⁴	18	25
			Curacao (N. W. I.).....	36	50
			Europe—		
			Iceland.....	(3)	(3)
			Sweden.....	33	13
			Norway.....	1	(3)
			Denmark.....	(3)	0
			United Kingdom.....	1,230	1,328
			Eire (Ireland).....	5	(3)
			Netherlands.....	13	26
			Belgium and Luxembourg.....	333	132
			France.....	8	3
			Germany.....	19	3
			Austria.....	1	0
			Czechoslovakia.....	1,014	0
			Hungary.....	(3)	0
			Switzerland.....	32	22
			Poland and Danzig.....	(2)	0
			Azores.....	(3)	(3)
			Portugal.....	(2)	(3)
			Italy.....	124	0
			Yugoslavia.....	(3)	0
			Greece.....	1	1
			Rumania.....	0	1
			Other Europe.....	0	0
			Total Europe.....	2,814	1,529
			Saudi Arabia.....	8	31
			India ⁷	2	(3)
			Pakistan.....	(6)	12
					0

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fruit juice—Continued					
Orange juice—Continued					
Burma.....	11	0	Canada.....	4,493	3,084
Siam (Thailand).....	3	1	Newfoundland and Labrador.....	12	26
British Malaya.....	13	(³)	Latin American Republics: ²		
Netherlands East Indies.....	35	1	Mexico.....	69	77
Republic of Philippines.....	40	33	Guatemala.....	6	5
China.....	45	1	Costa Rica.....	4	9
Hong Kong.....	26	8	Panama Republic.....	77	84
Japan.....	0	3	Canal Zone.....	16	71
New Zealand.....	8	10	Cuba.....	136	145
French Morocco.....	0	1	Dominican Republic.....	22	35
Algeria.....	0	4	Colombia.....	32	27
Union of South Africa.....	12	8	Venezuela.....	454	1,123
Other countries.....	9	17	Ecuador.....	1	2
			Peru.....	5	6
Total.....	5,863	4,409	Brazil.....	33	22
			Other L. A. Republics.....	11	14
			Total L. A. Republics.....	866	1,620
Pineapple juice:			British West Indies ⁴	38	24
Canada.....	197	395	Curacao (N. W. I.).....	46	64
Newfoundland and Labrador.....	14	6	Europe—		
Latin American Republics: ²			Iceland.....	0	(³)
Mexico.....	6	3	Sweden.....	55	8
Panama Republic.....	17	6	Norway.....	(³)	0
Canal Zone.....	75	13	United Kingdom.....	17	1
Cuba.....	13	(³)	Netherlands.....	2	8
Colombia.....	2	4	Belgium and Luxembourg.....	129	56
Venezuela.....	50	159	France.....	4	26
Peru.....	3	1	Germany.....	34	3
Brazil.....	4	1	Austria.....	(³)	0
Uruguay.....	2	0	Czechoslovakia.....	364	0
Argentina.....	2	0	Switzerland.....	12	3
Other L. A. Republics.....	2	7	Finland.....	0	(³)
Total L. A. Republics.....	176	194	Poland and Danzig.....	2	(³)
			U. S. S. R.....	(³)	0
British West Indies ⁴	25	13	Azores.....	(³)	0
Curacao (N. W. I.).....	25	39	Portugal.....	(³)	0
Europe—			Italy.....	110	0
Sweden.....	13	1	Yugoslavia.....	2	0
Norway.....	0	(³)	Greece.....	32	(³)
Denmark.....	0	(³)	Other Europe.....	0	0
United Kingdom.....	51	0	Total Europe.....	763	105
Eire (Ireland).....	0	(³)			
Netherlands.....	0	7	Saudi Arabia.....	2	32
Belgium and Luxembourg.....	70	71	State of Bahrein.....	7	3
France.....	2	2	India ⁷	(³)	(³)
Switzerland.....	25	14	Pakistan.....	(⁶)	12 0
Poland and Danzig.....	(³)	0	Burma.....	31	0
Azores.....	1	0	Siam (Thailand).....	1	(³)
Portugal.....	(³)	0	British Malaya.....	27	0
Italy.....	(³)	(³)	Netherlands East Indies.....	41	2
Other Europe.....	0	0	Republic of Philippines.....	42	60
Total Europe.....	162	95	China.....	9	1
			Hong Kong.....	13	19
Syria ¹⁰	2	1	Japan.....	(³)	89
Lebanon.....	(³)	12 2	New Zealand.....	1	(³)
Palestine ⁴	2	0	French Morocco.....	0	(³)
Trans-Jordan.....	(³)	12 0	Egypt.....	(³)	2
Saudi Arabia.....	12	23	Union of South Africa.....	2	2
India ⁷	0	(³)	Other countries.....	9	4
Pakistan.....	(³)	12 0	Total.....	6,403	5,137
Netherlands East Indies.....	18	2			
Republic of Philippines.....	38	28	Grains and grain products:		
China.....	6	(³)	Barley, grain: (48 lb.)	1,000	1,000
Hong Kong.....	4	3	Canada.....	(³)	(³)
Japan.....	0	2	Latin American Republics: ²		
French Morocco.....	0	(³)	Mexico.....	149	298
Algeria.....	0	1	Colombia.....	(³)	0
Egypt.....	(³)	(³)	Other L. A. Republics.....	6	(³)
Other countries.....	4	3	Total L. A. Republics.....	155	298
Total.....	685	807			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Grains and grain products—Con.					
Barley, grain (48 lb.)—Continued					
Europe—					
Netherlands.....	96	0	Netherlands East Indies.....	16	0
Belgium and Luxembourg....	43	15	Republic of Philippines.....	93	264
France.....	1	(²)	China.....	23	18
Germany.....	2,518	7,649	Hong Kong.....	13	26
Austria.....	206	105	French Pacific Islands.....	7	2
Switzerland.....	14	0	Algeria.....	5	0
Poland and Danzig.....	116	0	Egypt.....	34	0
Portugal.....	(³)	0	French West Africa.....	44	55
Italy.....	0	1	Gold Coast.....	41	14
Greece.....	248	(³)	Belgian Congo.....	127	146
Other Europe.....	0	0	British East Africa.....	20	14
Total Europe.....	3,242	7,770	Mozambique.....	6	26
Republic of Philippines.....	1	0	Madagascar.....	3	0
Korea.....	0	2,093	Union of South Africa.....	373	159
Japan.....	6,818	6,564	Southern Rhodesia.....	42	13
Algeria.....	10	0	Other countries.....	14	14
Other countries.....	(³)	(³)	Total.....	5,774	7,419
Total.....	10,226	16,725			
Malt: (34 lb.)			Corn, grain: (56 lb.)		
Canada.....	281	60	Canada.....	6,418	6,294
Newfoundland and Labrador....	14	3	Latin American Republics: ²		
Latin American Republics: ²			Mexico.....	37	14
Mexico.....	864	1,132	Guatemala.....	(³)	(³)
Guatemala.....	58	104	Panama Republic.....	(³)	1
El Salvador.....	35	44	Canal Zone.....	(³)	1
Honduras.....	28	38	Cuba.....	45	3
Nicaragua.....	13	10	Venezuela.....	747	332
Costa Rica.....	14	17	Other L. A. Republics.....	23	2
Panama Republic.....	112	236	Total L. A. Republics.....	852	353
Cuba.....	415	518	British West Indies ⁴	249	(³)
Dominican Republic.....	20	11	Curacao (N. W. I.).....	(³)	(³)
Colombia.....	270	472	French West Indies.....	(³)	(³)
Venezuela.....	426	460	Europe—		
Ecuador.....	14	26	Iceland.....	6	4
Peru.....	61	23	Sweden.....	1	0
Brazil.....	914	1,473	Norway.....	339	0
Other L. A. Republics.....	0	29	Denmark.....	0	(³)
Total L. A. Republics.....	3,244	4,593	United Kingdom.....	4,528	2,423
British West Indies ⁴	16	14	Netherlands.....	3,920	1,355
French West Indies.....	2	3	Belgium and Luxembourg....	2,722	1,182
Europe—			France.....	10,307	3,265
Iceland.....	16	6	Germany.....	26,908	6,734
Eire (Ireland).....	2	46	Austria.....	3,996	403
Belgium and Luxembourg....	590	611	Switzerland.....	1,374	415
France.....	0	19	Finland.....	732	0
Switzerland.....	364	635	Poland and Danzig.....	1,924	0
Finland.....	36	11	U. S. S. R.....	(³)	0
Azores.....	0	4	Azores.....	80	0
Portugal.....	21	0	Portugal.....	2,338	1
Italy ⁵	67	360	Italy.....	17,637	25
Trieste.....	(⁶)	12 7	Greece.....	2,713	(³)
Greece.....	68	33	Rumania.....	2,046	2,077
Other Europe.....	0	0	Other Europe.....	(³)	0
Total Europe.....	1,164	1,732	Total Europe.....	81,571	17,884
Turkey.....	5	0	India ⁷	1,718	0
Syria ¹⁰	4	3	Pakistan.....	(⁸)	12 0
Lebanon.....	(⁹)	13 3	Republic of Philippines.....	133	43
Palestine ⁵	162	94	China.....	5	22
Trans-Jordan.....	(⁹)	12 0	Korea.....	0	85
Siam (Thailand).....	2	2	Japan.....	12,382	5,279
French Indo-China.....	19	81	French Morocco.....	(⁹)	(³)
British Malaya.....	0	80	Egypt.....	2,229	582
			Southern Rhodesia.....	334	0
			Other countries.....	1	1
			Total.....	105,892	30,543

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Grains and grain products—Con.					
Cornmeal: (100 lb.)					
Canada.....	19	4			
Latin American Republics: ²					
Mexico.....	0	(³)			
Panama Republic.....	1	(³)			
Cuba.....	0	(³)			
Haiti.....	0	4			
Dominican Republic.....	4	0			
Venezuela.....	0	19			
Other L. A. Republics.....	(³)	0			
Total L. A. Republics.....	5	23			
British West Indies ⁴	73	90			
Curacao (N. W. I.).....	73	91			
Europe—					
Iceland.....	68	66			
Belgium and Luxembourg.....	40	337			
France.....	31	9			
Germany.....	44	0			
Austria.....	17	37			
Czechoslovakia.....	24	0			
Poland and Danzig.....	184	(³)			
Italy.....	82	(³)			
Greece.....	74	0			
Rumania.....	0	1			
Other Europe.....	0	0			
Total Europe.....	564	450			
French West Africa.....	35	338			
Liberia.....	(³)	(³)			
Other countries.....	4	2			
Total.....	773	998			
Cornstarch and corn flour:					
Canada.....	1,000	1,000			
Newfoundland and Labrador.....	9,002	4,070			
Latin American Republics: ²	334	124			
Mexico.....	695	293			
Guatemala.....	81	77			
Nicaragua.....	122	40			
Costa Rica.....	110	100			
Panama Republic.....	318	332			
Canal Zone.....	182	187			
Cuba.....	4,841	2,081			
Dominican Republic.....	218	466			
Colombia.....	104	66			
Venezuela.....	40	1,213			
Ecuador.....	212	341			
Peru.....	1,369	1,449			
Bolivia.....	51	37			
Uruguay.....	64	80			
Other L. A. Republics.....	81	268			
Total L. A. Republics.....	8,488	7,030			
British Honduras.....	29	37			
British West Indies ⁴	355	352			
Curacao (N. W. I.).....	686	111			
British Guiana.....	91	48			
Surinam.....	48	18			
Europe—					
Iceland.....	117	120			
Sweden.....	2,642	254			
Norway.....	730	828			
Denmark.....	134	1,157			
United Kingdom.....	138,393	11,635			
Eire (Ireland).....	257	177			
Belgium and Luxembourg.....	14,233	22,017			
Cornstarch and corn flour—Con.					
Europe—Continued					
France.....	26,705	79,463			
Germany.....	477	2,696			
Czechoslovakia.....	22	0			
Austria.....	1	0			
Switzerland.....	1,696	1,517			
Finland.....	18	0			
Azores.....	69	34			
Spain.....	108	1,400			
Portugal.....	391	511			
Italy.....	60	400			
Greece.....	531	0			
Other Europe.....	0	0			
Total Europe.....	186,584	122,209			
Syria ¹⁰	1	359			
Lebanon.....	(⁹)	¹² 219			
Iraq.....	40	0			
Palestine ⁵	782	228			
Trans-Jordan.....	(⁹)	¹² 0			
Kuwait.....	0	24			
Saudi Arabia.....	235	47			
State of Bahrein.....	10	483			
India ⁷	4,272	9,143			
Pakistan.....	(⁹)	¹² 0			
Ceylon.....	266	12			
Siam (Thailand).....	0	1			
British Malaya.....	103	49			
Netherlands East Indies.....	773	272			
Republic of Philippines.....	8,153	18,008			
China.....	316	186			
Hong Kong.....	288	330			
Japan.....	0	37,549			
New Zealand.....	2,182	2,575			
French Pacific Islands.....	9	32			
French Morocco.....	3	115			
Tangier.....	43	58			
Egypt.....	411	0			
Canary Islands.....	0	112			
Maderia Islands.....	78	16			
Belgian Congo.....	112	108			
British East Africa.....	3	10			
Mozambique.....	48	68			
Union of South Africa.....	318	116			
Southern Rhodesia.....	46	27			
Other countries.....	37	672			
Total.....	224,046	204,718			
Grain sorghums: (56 lbs.)					
Canada.....	1,000	1,000			
Latin American Republics: ²	(³)	1			
Mexico.....	2	1			
Cuba.....	5	1			
Venezuela.....	(³)	7			
Other L. A. Republics.....	(³)	(³)			
Total L. A. Republics.....	7	9			
British West Indies ⁴	2	1			
Europe—					
France.....	10	0			
Germany.....	664	1,530			
Austria.....	60	0			
Other Europe.....	0	0			
Total Europe.....	734	1,530			
Aden.....	305	0			
India ⁷	13,515	9,853			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Oatmeal—Continued		
Grains and grain products—Con.			L. A. Republics—Continued	1,000	1,000
Grain sorghums (56 lbs.)—Con.	bushels	bushels	Haiti.....	pounds	pounds
Pakistan.....	(⁶) 12 0		Dominican Republic.....	213	149
Ceylon.....	1,775	0	Colombia.....	1,798	1,472
Hong Kong.....	396	0	Venezuela.....	2,986	3,736
Japan.....	1,674	1,418	Ecuador.....	7,901	8,252
Other countries.....	0	0	Peru.....	1,404	2,270
Total.....	18,388	12,812	Bolivia.....	1,238	2,339
			Brazil.....	309	368
			Argentina.....	5,776	8,228
			Other L. A. Republics.....	7	295
			Total L. A. Republics.....	0	2
Oats, grain: (32 lb.)			British Honduras.....	33,188	36,831
Canada.....	3	8	British West Indies ¹	103	38
Newfoundland and Labrador.....	0	29	Curacao (N. W. I.).....	211	92
Latin American Republics: ²			British Guiana.....	622	431
Mexico.....	114	16	Surinam.....	1	59
Honduras.....	42	0	Europe.....	194	181
Costa Rica.....	4	6	Iceland.....	436	8
Panama Republic.....	41	34	Sweden.....	306	0
Cuba.....	441	690	United Kingdom.....	0	4
Dominican Republic.....	19	21	Eire (Ireland).....	(³) 0	3
Venezuela.....	37	112	Netherlands.....	0	2,227
Brazil.....	2	70	Belgium and Luxembourg.....	7,234	6,741
Other L. A. Republics.....	8	(³)	France.....	6	13
Total L. A. Republics.....	708	949	Germany.....	21,410	11,340
British West Indies ⁴	1	2	Austria.....	0	30,147
Curacao (N. W. I.).....	(³) 0	0	Switzerland.....	75	595
French West Indies.....	3	0	Estonia.....	5	0
Europe—			Poland and Danzig.....	1	0
Iceland.....	1	2	Azores.....	14	6
Sweden.....	574	556	Portugal.....	2,078	1
United Kingdom.....	833	0	Italy.....	1,140	26,744
Netherlands.....	1,894	0	Greece.....	2,142	4,443
Belgium and Luxembourg.....	350	0	Bulgaria.....	0	18
France.....	0	(³)	Other Europe.....	0	0
Germany.....	8,046	7,453	Total Europe.....	34,847	82,295
Austria.....	566	352	Turkey.....	2	0
Switzerland.....	1,731	507	Syria ¹⁰	3	10
Finland.....	984	0	Lebanon.....	(⁶) 36	12 10
Poland and Danzig.....	21	0	Iran.....	37	29
Portugal.....	1	0	Palestine ³	36	0
Italy.....	473	0	Trans-Jordan.....	(⁶) 0	12 0
Yugoslavia.....	1	0	India ⁷	270	84
Greece.....	102	858	Pakistan.....	(⁶) 0	12 0
Rumania.....	568	0	Ceylon.....	7	11
Other Europe.....	0	0	Siam (Thailand).....	5	27
Total Europe.....	15,945	9,728	French Indo-China.....	21	11
Republic of Philippines.....	1	1	Netherlands East Indies.....	1,339	866
China.....	4	0	Republic of Philippines.....	1,556	1,593
Korea.....	0	(³)	Portuguese Asia.....	2	83
Japan.....	124	0	China.....	437	60
Union of South Africa.....	968	577	Korea.....	0	15
Other countries.....	(⁶) 1	1	Hong Kong.....	331	43
Total.....	17,757	11,295	Japan.....	0	11
			Egypt.....	61	371
			Cameroon.....	32	14
Oatmeal:	1,000	1,000	French Equatorial Africa.....	10	31
Canada.....	pounds	pounds	Gold Coast.....	127	134
Newfoundland and Labrador.....	106	143	Nigeria.....	10	11
Latin American Republics: ²			British West Africa n.e.s. ¹¹	50	63
Mexico.....	4,604	4,307	Maderia Islands.....	28	0
Guatemala.....	555	536	Liberia.....	21	50
El Salvador.....	481	204	Belgian Congo.....	121	231
Honduras.....	734	886	Mozambique.....	93	174
Nicaragua.....	347	489	Union of South Africa.....	32	124
Costa Rica.....	768	687	Other countries.....	30	43
Panama Republic.....	1,192	980	Total.....	73,989	124,234
Canal Zone.....	374	562			
Cuba.....	2,501	1,067			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Grain and grain products—Con.					
Rice, paddy or rough:					
Canada.....	1,000 pounds 32,473	1,000 pounds 78,878	Rice, cleaned or milled—Con.	1,000 pounds	1,000 pounds
Latin American Republics: ²			Netherlands East Indies.....	0	1,000
Mexico.....	11	0	Republic of Philippines.....	272,420	40
Honduras.....	0	15	China.....	49,234	202,784
Panama Republic.....	0	100	Korea.....	0	48,817
Cuba.....	1,770	1,315	Hong Kong.....	18,233	0
Venezuela.....	20	30	Japan.....	6,031	130
Other L. A. Republics.....	1	0	French Pacific Islands.....	103	230
Total L. A. Republics.....	1,802	1,460	Western Pacific Is. n.e.s.....	0	110
Europe—			Liberia.....	5,040	3,361
France.....	(³)	0	Union of South Africa.....	0	36
Italy.....	4	0	Other countries.....	19	25
Other Europe.....	0	0	Total.....	818,797	858,454
Total Europe.....	4	0	Rye, grain: (56 lb.)	1,000 bushels	1,000 bushels
Lebanon.....	(³)	¹² 6	Canada.....	1	1,385
Saudi Arabia.....	0	71	Latin American Republics: ²	0	(³)
Japan.....	2	0	Europe—		
Other countries.....	0	0	France.....	368	0
Total.....	34,281	80,415	Germany.....	193	828
Rice, cleaned or milled:			Austria.....	11	16
Canada.....	2,652	2,723	Italy.....	0	(³)
Newfoundland and Labrador.....	334	672	Other Europe.....	0	0
Miquelon and St. Pierre.....	17	1	Total Europe.....	572	844
Latin American Republics: ²			Japan.....	0	18
Mexico.....	1,216	833	Other countries.....	0	0
Canal Zone.....	251	3,598	Total.....	573	2,247
Cuba.....	453,500	545,623	Wheat, grain: (60 lb.)		
Haiti.....	0	200	Canada.....	274	767
Colombia.....	1	100	Latin American Republics: ²		
Venezuela.....	258	547	Mexico.....	11,310	9,555
Bolivia.....	40	0	El Salvador.....	27	61
Argentina.....	(³)	0	Honduras.....	85	156
Other L. A. Republics.....	3	1	Costa Rica.....	57	72
Total L. A. Republics.....	455,269	550,902	Cuba.....	86	58
British Honduras.....	950	833	Dominican Republic.....	33	64
British West Indies ⁴	2,044	11,191	Colombia.....	296	429
Curacao (N. W. I.).....	446	336	Ecuador.....	80	262
Europe—			Peru.....	449	1,027
Iceland.....	855	1,134	Bolivia.....	628	261
Sweden.....	1	2	Brazil.....	1,377	0
Norway.....	0	1	Uruguay.....	1,315	0
Denmark.....	1	8	Other L. A. Republics.....	0	1
United Kingdom.....	0	210	Total L. A. Republics.....	15,743	11,946
Netherlands.....	9	59	Europe—		
Belgium and Luxembourg.....	113	114	Iceland.....	4	4
France.....	32	2,375	Sweden.....	336	1,678
Germany.....	0	205	Norway.....	3,711	2,438
Austria.....	1	8,885	Denmark.....	0	664
Czechoslovakia.....	3	57	United Kingdom.....	23,386	2,724
Switzerland.....	11	6	Eire (Ireland).....	645	2,150
Poland and Danzig.....	4	2	Netherlands.....	11,128	16,729
Azores.....	3	0	Belgium and Luxembourg.....	7,915	8,705
Portugal.....	1	0	France.....	4,212	33,960
Italy.....	28	42	Germany.....	26,724	92,611
Yugoslavia.....	22	15	Austria.....	6,724	13,760
Greece.....	66	8,689	Czechoslovakia.....	2,377	0
Other Europe.....	0	0	Hungary.....	322	2
Total Europe.....	1,150	21,804	Switzerland.....	3,405	3,421
Syria ¹⁰	(⁶)	1	Finland.....	2,633	1,383
Lebanon.....	0	¹² 13	Poland and Danzig.....	3,371	696
Saudi Arabia.....	3,890	12,945	Azores.....	75	0
State of Bahrain.....	964	500	Portugal.....	3,539	4,564
			Italy.....	14,642	35,552
			Greece.....	6,390	14,271

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Wheat flour, wholly of United States wheat—Continued		
Grains and grain products—Con.			Europe—Continued	1,000 bags	1,000 bags
Wheat, grain (60 lb.)—Continued			Switzerland.....	1,028	616
Europe—Continued			Finland.....	796	356
Rumania.....	0	8	Poland and Danzig.....	1,910	1,213
Other Europe.....	0	0	U. S. S. R.....	(³)	0
Total Europe.....	121,539	235,320	Azores.....	(³)	0
Turkey.....	0	347	Spain.....	(³)	1
Syria ¹⁰	0	190	Portugal.....	572	921
Lebanon.....	(⁶)	12 1	Malta, Gozo and Cyprus.....	2	0
Saudi Arabia.....	324	619	Italy ⁹	7,552	6,311
Afghanistan.....	224	0	Trieste.....	(⁶)	12 400
India ⁷	18,542	10,499	Yugoslavia.....	1	3
Pakistan.....	(⁶)	12 312	Albania.....	(³)	1
Republic of Philippines.....	(³)	0	Greece.....	2,068	3,803
China.....	3,147	1,651	Rumania.....	0	(³)
Korea.....	0	2,814	Bulgaria.....	0	(³)
Japan.....	13,522	32,267	Other Europe.....	0	0
French Morocco.....	318	0	Total Europe.....	47,587	52,996
Algeria.....	1,032	6,960	Turkey.....	(³)	0
Egypt.....	0	474	Syria ¹⁰	(³)	143
French West Africa.....	108	0	Lebanon.....	(⁶)	12 27
Madeira Islands.....	316	161	Palestine ⁵	0	161
Union of South Africa.....	0	349	Trans-Jordan.....	(⁶)	12 0
Other countries.....	17	11	Afghanistan.....	231	0
Total.....	175,106	304,688	India ⁷	1,214	1,970
Wheat flour, wholly of United States wheat: (100 lb.)	1,000 bags	1,000 bags	Pakistan.....	(⁶)	12 0
Canada.....	32	34	Ceylon.....	2,798	776
Newfoundland and Labrador.....	43	88	British Malaya.....	543	550
Latin American Republics: ²			Netherlands East Indies.....	1,032	1,242
Mexico.....	1,114	419	Republic of Philippines.....	3,106	1,999
Guatemala.....	206	273	China.....	1,077	1,036
El Salvador.....	103	131	Korea.....	190	757
Honduras.....	50	51	Hong Kong.....	430	10
Nicaragua.....	133	122	Japan.....	2,987	3,819
Costa Rica.....	94	212	French Morocco.....	192	85
Panama Republic.....	128	214	Algeria.....	107	0
Canal Zone.....	62	77	Egypt.....	0	535
Cuba.....	3,539	2,625	French West Africa.....	397	331
Haiti.....	140	259	Gold Coast.....	25	97
Dominican Republic.....	119	238	Angola.....	(⁶)	12 56
Colombia.....	290	253	Portuguese Guinea, n.e.s. ¹³	44	72
Venezuela.....	1,111	1,191	Liberia.....	4	64
Ecuador.....	691	191	Belgian Congo.....	26	96
Peru.....	17	200	Mozambique.....	80	141
Bolivia.....	363	375	Union of South Africa.....	10	283
Chile.....	35	89	Other countries.....	323	464
Brazil.....	8,746	2,420	Total.....	80,270	78,035
Other L. A. Republics.....	(³)	5	Other wheat flour: (100 lb.)		
Total L. A. Republics.....	16,941	9,345	Canada.....	13	0
British Honduras.....	38	57	Newfoundland and Labrador.....	4	0
British West Indies.....	346	310	Latin American Republics: ²		
Curacao (N. W. I.).....	91	135	Mexico.....	3	(³)
French West Indies.....	376	356	Guatemala.....	42	1
Europe.....			El Salvador.....	9	1
Iceland.....	17	20	Honduras.....	20	4
Sweden.....	(³)	216	Nicaragua.....	17	2
Norway.....	901	688	Costa Rica.....	41	1
Denmark.....	33	115	Panama Republic.....	58	3
United Kingdom.....	3,449	285	Canal Zone.....	25	6
Eire (Ireland).....	663	850	Cuba.....	210	13
Netherlands.....	3,371	3,468	Haiti.....	112	7
Belgium and Luxembourg.....	4,201	1,357	Dominican Republic.....	97	15
France.....	3,403	8,524	Colombia.....	8	6
Germany.....	15,303	20,657	Venezuela.....	197	17
Austria.....	1,617	3,149	Ecuador.....	27	(³)
Czechoslovakia.....	677	41	Peru.....	28	7
Hungary.....	23	11	Bolivia.....	48	2

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Grains and Grain Products—Con.					
Other wheat flour (100 lb.)—Con.	1,000 bags	1,000 bags			
L. A. Republics—Continued					
Brazil.....	491	15			
Other L. A. Republics.....	0	0			
Total L. A. Republics.....	1,433	100			
British West Indies ⁴	23	(³)			
Curacao (N.W.I.).....	31	3			
French West Indies.....	54	0			
Surinam.....	13	0			
Europe—					
Iceland.....	21	0			
Norway.....	24	0			
United Kingdom.....	16	0			
Eire (Ireland).....	0	(³)			
Netherlands.....	2	1			
France.....	142	(³)			
Germany.....	211	187			
Austria.....	(³)	(³)			
Czechoslovakia.....	0	1			
Switzerland.....	0	(³)			
Poland and Danzig.....	(³)	0			
Portugal.....	34	1			
Italy ⁵	38	(³)			
Trieste.....	(⁶)	12 0			
Greece.....	21	1			
Other Europe.....	0	0			
Total Europe.....	509	191			
Afghanistan.....	(³)	(³)			
India ⁷	194	111			
Pakistan.....	(⁶)	12 0			
Netherlands East Indies.....	198	(³)			
Republic of Philippines.....	12	2			
China.....	(³)	0			
Hong Kong.....	6	0			
Cameroun.....	16	(³)			
French Equatorial Africa.....	17	0			
French West Africa.....	123	1			
Gold Coast.....	32	24			
Nigeria.....	25	10			
Other British West Africa.....	16	1			
Angola.....	(⁶)	12 0			
Portuguese Guinea, n.e.s. ¹³	3	0			
Liberia.....	2	(³)			
Belgian Congo.....	64	2			
Mozambique.....	32	0			
Other countries.....	34	13			
Total.....	2,854	458			
	1,000 pounds	1,000 pounds			
Wheat, semolina:					
Canada.....	0	1			
Newfoundland and Labrador.....	1	0			
Latin American Republics: ²					
Mexico.....	5	0			
Dominican Republic.....	350	389			
Colombia.....	0	260			
Venezuela.....	2	10			
Brazil.....	220	0			
Other L. A. Republics.....	0	0			
Total L. A. Republics.....	577	659			
Europe—					
Norway.....	1,646	0			
Denmark.....	498	0			
France.....	0	3,613			
Portugal.....	123	0			
Wheat, semolina—Con.					
Europe—Continued					
Italy.....	9,832	19,105			
Greece.....	0	6			
Other Europe.....	0	0			
Total Europe.....	12,199	22,724			
Tangier.....	22	0			
French West Africa.....	18,892	1,339			
Gold Coast.....	0	(³)			
Other countries.....	0	0			
Total.....	31,691	24,723			
Feeds:	2,240-lb. tons	2,240-lb. tons			
Cottonseed cake and meal:					
Canada.....	33	116			
Latin American Republics: ²	12	14			
Europe—					
Sweden.....	403	0			
Denmark.....	3,726	0			
Belgium and Luxembourg.....	0	7,907			
France.....	590	0			
Greece.....	0	500			
Other Europe.....	0	0			
Total Europe.....	4,719	8,407			
Other countries.....	0	2			
Total.....	4,764	8,539			
Linseed cake and meal:					
Canada.....	(¹⁴)	0			
Newfoundland and Labrador.....	0	45			
Latin American Republics: ²	0	2			
British West Indies ⁴	77	0			
Europe—					
Denmark.....	0	774			
Eire (Ireland).....	123	0			
Netherlands.....	0	3,583			
Belgium and Luxembourg.....	1,486	7,133			
France.....	0	1,045			
Greece.....	0	6			
Other Europe.....	0	0			
Total Europe.....	1,609	12,541			
Other countries.....	0	0			
Total.....	1,686	12,588			
Hops:	1,000 pounds	1,000 pounds			
Canada.....	3,111	2,431			
Newfoundland and Labrador.....	47	19			
Latin American Republics: ²					
Mexico.....	1,551	1,231			
Guatemala.....	48	48			
El Salvador.....	26	26			
Honduras.....	21	26			
Nicaragua.....	9	11			
Panama Republic.....	110	70			
Cuba.....	374	412			
Dominican Republic.....	12	37			
Colombia.....	1,211	1,635			
Venezuela.....	180	174			
Ecuador.....	85	63			
Peru.....	169	87			
Bolivia.....	103	49			
Chile.....	326	354			
Brazil.....	1,172	1,227			
Paraguay.....	10	10			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Hops—Continued:					
L. A. Republics—Continued					
Uruguay.....	113	117			
Argentina.....	928	1,419			
Other L. A. Republics.....	10	11			
Total L. A. Republics.....	6,458	7,007			
British West Indies ⁴	17	26			
British Honduras.....	1	0			
Europe—					
United Kingdom.....	4	0			
Eire (Ireland).....	437	40			
Netherlands.....	0	(³)			
Belgium and Luxembourg.....	92	205			
France.....	(³)	24			
Germany.....	(³)	0			
Switzerland.....	1	0			
Azores.....	1	2			
Spain.....	0	70			
Portugal.....	120	62			
Italy.....	34	73			
Greece.....	12	19			
Other Europe.....	0	0			
Total Europe.....	701	495			
Turkey.....	20	20			
Syria ¹⁰	5	0			
Lebanon.....	(⁸)	12			
Palestine ⁸	44	35			
Trans-Jordan.....	(⁶)	12			
India ⁷	72	13			
Ceylon.....	10	28			
Siam (Thailand).....	3	3			
Republic of Philippines.....	75	110			
China.....	38	45			
Hong Kong.....	5	12			
Australia.....	857	734			
New Zealand.....	34	1			
Algeria.....	45	0			
Egypt.....	72	(³)			
Belgian Congo.....	50	7			
British East Africa.....	42	1			
Union of South Africa.....	379	74			
Mozambique.....	35	10			
Other countries.....	38	41			
Total.....	12,159	11,114			
Nuts:					
Almonds, sweet:					
Canada.....	871	94			
Newfoundland and Labrador.....	4	(³)			
Latin American Republics: ²					
Mexico.....	40	11			
Guatemala.....	3	6			
Costa Rica.....	5	4			
Panama Republic.....	3	5			
Canal Zone.....	13	8			
Cuba.....	9	9			
Dominican Republic.....	10	9			
Colombia.....	35	21			
Venezuela.....	39	26			
Peru.....	5	1			
Brazil.....	2	3			
Other L. A. Republics.....	9	5			
Total L. A. Republics.....	173	104			
British West Indies ⁴	2	2			
Curacao (N. W. I.).....	3	3			
British Guiana.....	1	15			
Almonds, sweet—Continued					
Europe—					
Iceland.....	0	(³)			
Sweden.....	4	0			
Denmark.....	0	(³)			
Netherlands.....	0	2			
Belgium and Luxembourg.....	0	11			
Other Europe.....	0	0			
Total Europe.....	4	13			
Saudi Arabia.....	4	4			
Burma.....	1	0			
Siam (Thailand).....	0	(³)			
Republic of Philippines.....	18	39			
China.....	1	0			
Hong Kong.....	9	4			
Japan.....	0	471			
Liberia.....	(³)	(³)			
Belgian Congo.....	1	(³)			
Union of South Africa.....	6	3			
Other countries.....	5	4			
Total.....	1,103	756			
Filberts:					
Canada.....	88	312			
Latin American Republics: ²					
Mexico.....	16	63			
Guatemala.....	3	7			
Costa Rica.....	2	3			
Panama Republic.....	1	2			
Canal Zone.....	(³)	4			
Cuba.....	308	290			
Dominican Republic.....	9	12			
Colombia.....	9	6			
Venezuela.....	11	16			
Brazil.....	0	89			
Argentina.....	0	116			
Other L. A. Republics.....	3	(³)			
Total L. A. Republics.....	362	608			
Curacao (N. W. I.).....	3	(³)			
Europe—					
Sweden.....	9	0			
Netherlands.....	0	30			
Belgium and Luxembourg.....	0	59			
Other Europe.....	0	0			
Total Europe.....	9	89			
Republic of Philippines.....	1	19			
Hong Kong.....	(³)	5			
Union of South Africa.....	(³)	11			
Other countries.....	2	(³)			
Total.....	465	1,044			
Peanuts, shelled:					
Canada.....	42,876	50,698			
Newfoundland and Labrador.....	32	14			
Latin American Republics: ²					
Mexico.....	6	10			
Honduras.....	1	2			
Nicaragua.....	3	2			
Costa Rica.....	12	11			
Panama Republic.....	33	45			
Canal Zone.....	118	70			
Cuba.....	411	13			
Colombia.....	9	8			
Venezuela.....	11	38			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Nuts—Continued					
Peanuts, shelled—Continued					
L. A. Republics—Continued					
Peru.....	1,000 (³)	1,000 (³) 2			
Bolivia.....	1	(³)			
Other L. A. Republics.....	3	3			
Total L. A. Republics.....	608	204			
British West Indies ⁴	81	98			
Curacao (N. W. I.).....	49	80			
British Guiana.....	0	30			
Europe—					
Sweden.....	256	3			
Norway.....	1	0			
Denmark.....	1	4			
United Kingdom.....	4,202	0			
Netherlands.....	9,682	39,083			
Belgium and Luxembourg.....	38,028	133			
France.....	43,774	52,697			
Germany.....	54	135,923			
Austria.....	9	29,529			
Czechoslovakia.....	384	6,662			
Hungary.....	(³)	0			
Switzerland.....	2,332	3,353			
Finland.....	(³)	0			
Poland and Danzig.....	2,221	16,608			
U. S. S. R.....	979	0			
Azores.....	0	(³)			
Portugal.....	1	1			
Italy.....	2,562	0			
Yugoslavia.....	1	0			
Other Europe.....	0	0			
Total Europe.....	104,577	284,046			
Saudi Arabia.....	9	6			
State of Bahrain.....	(³)	1			
Republic of Philippines.....	337	255			
China.....	(³)	0			
Hong Kong.....	0	1			
Japan.....	452	1,533			
New Zealand.....	1	1			
Liberia.....	1	1			
Union of South Africa.....	62	347			
Other countries.....	3	2			
Total.....	149,088	337,317			
Peanuts, not shelled:					
Canada.....	12,192	6,567			
Newfoundland and Labrador.....	21	3			
Latin American Republics: ²					
Mexico.....	85	1			
Panama Republic.....	9	7			
Canal Zone.....	(³)	2			
Cuba.....	981	2			
Venezuela.....	0	29			
Other L. A. Republics.....	11	1			
Total L. A. Republics.....	1,086	42			
British West Indies ⁴	120	110			
Curacao (N. W. I.).....	54	128			
British Guiana.....	129	554			
Europe—					
United Kingdom.....	1	0			
Netherlands.....	100	55			
Belgium and Luxembourg.....	30	0			
Switzerland.....	3,409	997			
Poland and Danzig.....	3	0			
Portugal.....	105	551			
Peanuts, not shelled—Continued					
Europe—Continued					
Italy.....	1,000 (³)	1,000 (³)			
Other Europe.....	0	0			
Total Europe.....	3,648	1,603			
Union of South Africa.....	1,124	0			
Other countries.....	(³)	0			
Total.....	18,374	9,007			
Pecans, shelled:					
Canada.....	206	280			
Latin American Republics: ²					
Mexico.....	1	0			
Honduras.....	1	(³)			
Panama Republic.....	(³)	1			
Canal Zone.....	21	7			
Cuba.....	(³)	(³)			
Colombia.....	1	1			
Venezuela.....	3	12			
Peru.....	(³)	0			
Other L. A. Republics.....	1	1			
Total L. A. Republics.....	28	22			
British West Indies ⁴	(³)	(³)			
Curacao (N. W. I.).....	1	1			
Europe—					
Sweden.....	3	0			
Germany.....	0	5			
Portugal.....	(³)	0			
Other Europe.....	0	0			
Total Europe.....	3	5			
Lebanon.....	(⁶)	(¹²)			
Saudi Arabia.....	4	(³)			
Republic of Philippines.....	(³)	(³)			
Japan.....	0	(³)			
Egypt.....	0	(³)			
Belgian Congo.....	0	1			
Union of South Africa.....	(³)	(³)			
Other countries.....	1	(³)			
Total.....	243	314			
Pecans, not shelled:					
Canada.....	758	179			
Newfoundland and Labrador.....	1	0			
Latin American Republics: ²					
Mexico.....	7	2			
Guatemala.....	2	3			
Honduras.....	4	3			
Panama Republic.....	(³)	(³)			
Canal Zone.....	(³)	6			
Cuba.....	6	3			
Venezuela.....	2	3			
Chile.....	0	1			
Brazil.....	0	1			
Other L. A. Republics.....	2	(³)			
Total L. A. Republics.....	23	22			
British Honduras.....	10	2			
British West Indies ⁴	1	2			
Curacao (N. W. I.).....	1	0			
Europe—					
Sweden.....	173	0			
United Kingdom.....	(³)	(³)			
Netherlands.....	(³)	(³)			
Belgium and Luxembourg.....	16	6			
France.....	0	(³)			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Nuts—Continued					
Pecans, not shelled—Continued					
Europe—Continued					
Italy.....	1,000 (²)	1,000 0			
Other Europe.....	0	0			
Total Europe.....	189	6			
Saudi Arabia.....	(³)	0			
Republic of Philippines.....	3	1			
Hong Kong.....	0	1			
Tunisia.....	1	0			
Union of South Africa.....	8	8			
Other countries.....	(³)	1			
Total.....	995	222			
Walnuts, shelled:					
Canada.....	202	633			
Newfoundland and Labrador.....	4	7			
Latin American Republics: ²					
Mexico.....	19	1			
Panama Republic.....	1	15			
Canal Zone.....	7	10			
Cuba.....	2	(³)			
Dominican Republic.....	1	6			
Colombia.....	2	5			
Venezuela.....	8	(³)			
Ecuador.....	2	6			
Brazil.....	0	1			
Other L. A. Republics.....	1	1			
Total L. A. Republics.....	43	45			
British West Indies ⁴	(³)	(³)			
Curacao (N. W. I.).....	2	1			
Europe—					
Sweden.....	1	0			
Other Europe.....	0	0			
Total Europe.....	1	0			
Saudi Arabia.....	4	4			
State of Bahrein.....	1	0			
Netherlands East Indies.....	0	1			
Republic of Philippines.....	(³)	7			
China.....	5	1			
Egypt.....	0	(³)			
Liberia.....	(³)	0			
Mozambique.....	0	1			
Union of South Africa.....	(³)	18			
Other countries.....	(³)	(⁴)			
Total.....	262	718			
Walnuts, unshelled:					
Canada.....	2,859	1,522			
Newfoundland and Labrador.....	8	1			
Latin American Republics: ²					
Mexico.....	121	47			
Guatemala.....	15	17			
El Salvador.....	3	2			
Honduras.....	9	3			
Nicaragua.....	3	(²)			
Costa Rica.....	11	11			
Panama Republic.....	6	17			
Canal Zone.....	18	0			
Cuba.....	431	507			
Haiti.....	2	(³)			
Dominican Republic.....	23	21			
Colombia.....	49	24			
Venezuela.....	127	105			
Peru.....	5	20			
Bolivia.....	5	2			
Total L. A. Republics.....	689	517			
British West Indies ⁴	144	126			
Curacao (N. W. I.).....	137	171			
Europe—					
Iceland.....	11	(³)			
Sweden.....	89	0			
Norway.....	0	1			
Denmark.....	0	(³)			
United Kingdom.....	3	2			
Eire (Ireland).....	0	(³)			
Netherlands.....	1	2			
Belgium and Luxembourg.....	26	21			
France.....	2	2			
Germany.....	165	0			
Austria.....	1	(³)			
Czechoslovakia.....	(³)	(³)			
Total Europe.....	689	517			
Burma.....	1	0			
British Malaya.....	1	0			
Republic of Philippines.....	26	25			
Hong Kong.....	6	3			
New Zealand.....	(³)	(³)			
Belgian Congo.....	1	2			
Mozambique.....	11	3			
Union of South Africa.....	203	164			
Southern Rhodesia.....	1	4			
Other countries.....	2	2			
Total.....	5,029	3,703			
Other nuts and preps. ¹⁵					
Canada.....	2,644	893			
Newfoundland and Labrador.....	168	84			
Miquelon and St. Pierre.....	2	1			
Latin American Republics: ²					
Mexico.....	306	139			
Guatemala.....	4	4			
Honduras.....	6	6			
Nicaragua.....	2	1			
Costa Rica.....	6	5			
Panama Republic.....	14	8			
Canal Zone.....	143	116			
Cuba.....	24	17			
Dominican Republic.....	3	11			
Colombia.....	54	43			
Venezuela.....	81	113			
Peru.....	12	16			
Bolivia.....	7	2			
Chile.....	2	4			
Brazil.....	20	27			
Other L. A. Republics.....	5	5			
Total L. A. Republics.....	689	517			
British West Indies ⁴	144	126			
Curacao (N. W. I.).....	137	171			
Europe—					
Iceland.....	11	(³)			
Sweden.....	89	0			
Norway.....	0	1			
Denmark.....	0	(³)			
United Kingdom.....	3	2			
Eire (Ireland).....	0	(³)			
Netherlands.....	1	2			
Belgium and Luxembourg.....	26	21			
France.....	2	2			
Germany.....	165	0			
Austria.....	1	(³)			
Czechoslovakia.....	(³)	(³)			
Total Europe.....	689	517			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Nuts—Continued					
Other nuts and preps.—Con.					
Europe—Continued					
Hungary.....	368	0			
Switzerland.....	243	3			
Poland and Danzig.....	909	0			
U. S. S. R.....	181	0			
Azores.....	2	0			
Portugal.....	31	3			
Italy.....	11	3			
Yugoslavia.....	12	0			
Greece.....	3	1			
Other Europe.....	0	0			
Total Europe.....	2,058	38			
Syria ¹⁰	1	3			
Lebanon.....	(⁶)	(¹²) (³)			
Kuwait.....	0	7			
Saudi Arabia.....	6	31			
State of Bahrain.....	2	4			
Afghanistan.....	3	4			
India ⁷	4	12			
Pakistan.....	(⁶)	¹² 0			
Siam (Thailand).....	0	(³) 6			
Netherlands East Indies.....	(³)	6			
Republic of Philippines.....	69	287			
China.....	6	5			
Hong Kong.....	20	49			
Japan.....	1	442			
French Pacific Islands.....	5	3			
Liberia.....	3	2			
Belgian Congo.....	17	9			
Union of South Africa.....	26	31			
Southern British Africa.....	8	0			
Other countries.....	8	7			
Total.....	6,021	2,732			
Oils:					
Cooking fats other than lard:					
Canada.....	311	215			
Newfoundland and Labrador.....	185	149			
Latin American Republics: ²					
Mexico.....	8	8			
Guatemala.....	310	153			
Nicaragua.....	2	8			
Costa Rica.....	66	26			
Panama Republic.....	103	188			
Canal Zone.....	1,151	483			
Cuba.....	178	107			
Haiti.....	11	20			
Colombia.....	92	40			
Venezuela.....	63	513			
Ecuador.....	45	24			
Peru.....	19	15			
Bolivia.....	200	3			
Brazil.....	4	8			
Other L. A. Republics.....	4	21			
Total L. A. Republics.....	2,256	1,617			
British Honduras.....	15	60			
British West Indies ⁴	150	138			
Curacao (N. W. I.).....	381	204			
French West Indies.....	0	(³)			
Europe—					
Sweden.....	2	3			
Norway.....	0	(³)			
United Kingdom.....	2	65			
Netherlands.....	(²)	1			
Belgium and Luxembourg.....	0	2			
France.....	6	12			
Germany.....	1	2			
Cooking fats other than lard—Con.					
Europe—Continued					
Austria.....	43	16			
Czechoslovakia.....	1,164	0			
Hungary.....	1	0			
Switzerland.....	117	17			
Poland and Danzig.....	1,692	1			
U. S. S. R.....	5	1			
Azores.....	3	0			
Spain.....	0	(²)			
Portugal.....	(³)	0			
Italy.....	211	19			
Rumania.....	1	(³)			
Other Europe.....	0	0			
Total Europe.....	3,248	139			
Syria ¹⁰	5	13			
Lebanon.....	(⁶)	¹² 5			
Saudi Arabia.....	19	50			
State of Bahrain.....	3	14			
Afghanistan.....	3	9			
British Malaya.....	(³)	1			
Netherlands East Indies.....	1	44			
Republic of Philippines.....	104	89			
China.....	(³)	(³)			
Japan.....	0	21			
French Morocco.....	405	0			
Algeria.....	903	0			
Tunisia.....	235	0			
Egypt.....	0	4			
Cameroon.....	0	3			
Liberia.....	42	67			
Other countries.....	12	18			
Total.....	8,278	2,860			
Corn oil, edible:					
Canada.....	97	194			
Newfoundland and Labrador.....	0	(²)			
Latin American Republics: ²					
Mexico.....	1	0			
Guatemala.....	4	5			
Nicaragua.....	8	1			
Costa Rica.....	8	2			
Panama Republic.....	2	4			
Cuba.....	5	9			
Haiti.....	5	5			
Colombia.....	4	7			
Venezuela.....	1	10			
Ecuador.....	6	5			
Brazil.....	2	(³)			
El Salvador.....	5	0			
Canal Zone.....	4	0			
Other L. A. Republics.....	3	1			
Total L. A. Republics.....	58	49			
British West Indies ⁴	0	5			
Curacao (N. W. I.).....	0	22			
Europe—					
United Kingdom.....	0	1			
Netherlands.....	(²)	0			
Belgium and Luxembourg.....	(²)	0			
France.....	4	4			
Germany.....	0	8			
Austria.....	0	1			
Hungary.....	(³)	0			
Azores.....	(³)	0			
Italy.....	1	(²)			
Other Europe.....	0	0			
Total Europe.....	5	14			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Oils—Continued					
Corn oil, edible—Continued					
Syria ¹⁰	0	2	Linseed oil:		
Lebanon.....	(⁵)	12 0	Canada.....	256	343
Saudi Arabia.....	(⁵)	(⁵)	Latin American Republics: ²		
State of Bahrein.....	0	1	Mexico.....	11	17
India ⁷	1	0	Guatemala.....	10	69
Pakistan.....	(⁶)	12 0	El Salvador.....	8	179
Netherlands East Indies.....	0	4	Honduras.....	13	108
Japan.....	0	1	Nicaragua.....	7	32
Australia.....	1	2	Costa Rica.....	8	46
Liberia.....	3	1	Panama Republic.....	1	26
Other countries.....	0	0	Canal Zone.....	160	139
Total.....	165	295	Cuba.....	99	920
Cottonseed oil:			Haiti.....	6	37
Canada.....	129	69	Dominican Republic.....	18	109
Latin American Republics: ²			Colombia.....	13	396
Mexico.....	3	(⁵)	Venezuela.....	28	708
Guatemala.....	1	21	Ecuador.....	2	39
Panama Republic.....	5	22	Peru.....	34	86
Canal Zone.....	148	0	Bolivia.....	32	70
Cuba.....	13	1,626	Chile.....	35	65
Colombia.....	7	3	Brazil.....	12	20
Venezuela.....	11	48	Other L. A. Republics.....	0	0
Ecuador.....	6	43	Total L. A. Republics.....	497	3,066
Peru.....	7	12	British Honduras.....	2	17
Bolivia.....	0	12	British West Indies ⁴	6	25
Costa Rica.....	4	12	Curaçao (N. W. I.).....	20	96
Haiti.....	0	29	French West Indies.....	0	27
Other L. A. Republics.....	7	6	British Guiana.....	0	20
Total L. A. Republics.....	212	1,834	Surinam.....	11	86
British West Indies ⁴	7	28	Europe—		
Curaçao (N. W. I.).....	86	159	Iceland.....	1	96
Europe—			Sweden.....	(³)	3
Iceland.....	0	6	Norway.....	0	6
Denmark.....	0	3,267	United Kingdom.....	0	6
Eire (Ireland).....	0	1	Netherlands.....	1	5,677
Netherlands.....	0	5,623	Belgium and Luxembourg.....	0	4,245
Belgium and Luxembourg.....	0	440	France.....	2	2,243
France.....	5,058	11,075	Germany.....	0	6,461
Germany.....	6	0	Austria.....	0	571
Austria.....	0	1,590	Finland.....	(³)	88
Czechoslovakia.....	25	0	Portugal.....	(³)	175
Switzerland.....	0	441	Italy.....	(³)	132
Finland.....	4	0	Greece.....	0	65
Poland and Danzig.....	0	1,726	Other Europe.....	0	0
Trieste.....	(⁶)	12 313	Total Europe.....	7	19,765
Greece.....	(³)	0	Turkey.....	(³)	0
Other Europe.....	0	0	Saudi Arabia.....	16	28
Total Europe.....	5,093	24,482	State of Bahrein.....	0	13
Syria ¹⁰	(³)	4	Siam (Thailand).....	0	8
Lebanon.....	(⁶)	12 0	French Indo-China.....	0	227
Saudi Arabia.....	2	45	Netherlands East Indies.....	6	30
State of Bahrein.....	2	3	Republic of Philippines.....	67	437
Afghanistan.....	2	0	China.....	3	46
Netherlands East Indies.....	112	4	Korea.....	0	292
Republic of Philippines.....	1,608	4,275	Japan.....	0	608
China.....	1	1	New Zealand.....	0	33
Japan.....	0	1,438	French Pacific Islands.....	5	24
New Zealand.....	1	3	French Morocco.....	0	3
French Pacific Islands.....	(³)	5	French West Africa.....	(³)	111
Madagascar.....	220	0	Nigeria.....	0	45
Union of South Africa.....	3	(³)	Angola.....	(⁶)	12 0
Other countries.....	1	15	Portuguese Guinea, n.e.s. ¹³	6	34
Total.....	7,479	32,365	Liberia.....	13	7
			Belgian Congo.....	1	181
			Mozambique.....	0	33
			Madagascar.....	6	24
			Union of South Africa.....	7	1,905
			Other countries.....	4	28
			Total.....	933	27,560

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Oils—Continued					
Soybean oil, edible:			Soybean oil, edible—Continued		
Canada.....	1,000	1,000	Union of South Africa.....	19	9
Newfoundland and Labrador.....	6,844	3,645	Other countries.....	7	14
Latin American Republics: ²			Total.....	61,141	45,727
Mexico.....	132	46			
Guatemala.....	27	66	Soybean oil, crude:		
Honduras.....	41	47	Canada.....	3,599	2,348
Costa Rica.....	68	58	Latin American Republics: ²		
Panama Republic.....	27	116	Mexico.....	0	125
Cuba.....	225	312	Cuba.....	2,984	2,933
Haiti.....	6,177	7,410	Haiti.....	11	0
Colombia.....	104	110	Colombia.....	5	0
Venezuela.....	524	1,299	Venezuela.....	0	15
Ecuador.....	194	597	Bolivia.....	22	69
Peru.....	80	103	Other L. A. Republics.....	0	0
Chile.....	0	249	Total L. A. Republics.....	3,022	3,142
Brazil.....	361	312			
Argentina.....	9	2	British West Indies ⁴	0	11
Other L. A. Republics.....	14	11	Europe—		
Total L. A. Republics.....	1	10	Iceland.....	0	8
	7,852	10,702	Denmark.....	1,763	11,072
British West Indies ⁴	204	137	United Kingdom.....	4,574	4,952
Curacao (N. W. I.).....	890	803	Netherlands.....	5,111	7,047
French West Indies.....	1,853	29	Belgium and Luxembourg.....	4,342	16,253
British Guiana.....	(³)	20	France.....	1,279	22,380
Surinam.....	315	184	Germany.....	0	10,014
Europe—			Czechoslovakia.....	0	2,205
Iceland.....	997	836	Switzerland.....	1,873	1,774
Sweden.....	27	10	Poland and Danzig.....	0	1,069
Norway.....	57	13	Italy.....	0	38
Denmark.....	165	46	Yugoslavia.....	94	0
Eire (Ireland).....	21	0	Other Europe.....	0	0
Netherlands.....	2,409	(³)	Total Europe.....	19,036	76,812
Belgium and Luxembourg.....	4,553	530			
France.....	7,617	4,086	Saudi Arabia.....	0	14
Germany.....	9	2,678	Republic of Philippines.....	1	0
Austria.....	10	7,192	Korea.....	0	41
Czechoslovakia.....	3,690	0	Japan.....	0	40
Switzerland.....	1,473	8,389	Australia.....	70	6
Finland.....	1,812	1,911	French Morocco.....	0	525
Poland and Danzig.....	0	665	Union of South Africa.....	0	2
U. S. S. R.....	1	0	Other countries.....	0	0
Spain.....	7,688	0	Total.....	25,728	82,941
Portugal.....	7	0			
Italy.....	9,153	1,163	Soybeans:		
Yugoslavia.....	388	0	Canada.....	105,242	64,074
Greece.....	0	21	Latin American Republics: ²		
Other Europe.....	0	0	Mexico.....	1	4
Total Europe.....	40,077	27,540	Costa Rica.....	2	1
			Cuba.....	64	16
Syria ¹⁰	0	3	Colombia.....	(³)	26
Lebanon.....	(⁶)	12	Venezuela.....	12	1
Palestine ⁵	12	3	Argentina.....	11	0
Trans-Jordan.....	(⁶)	12	Other L. A. Republics.....	(³)	0
Saudi Arabia.....	265	535	Total L. A. Republics.....	90	48
State of Bahrain.....	4	12			
India ⁷	28	13	British West Indies ⁴	5	0
Pakistan.....	(⁶)	12	Europe—		
Burma.....	(³)	0	Iceland.....	0	2
British Malaya.....	0	131	Norway.....	42,559	3,780
Republic of Philippines.....	1,544	403	United Kingdom.....	16,349	0
China.....	0	23	Belgium and Luxembourg.....	0	32,776
Australia.....	10	2	France.....	20,652	(³)
New Zealand.....	223	185	Germany.....	18,453	12
French Pacific Islands.....	201	87	Austria.....	11,775	77
French Morocco.....	0	945			
Tangier.....	77	43			
Liberia.....	0	11			
Madagascar.....	584	200			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Soybeans—Continued					
Europe—Continued					
Switzerland	0	66			
Italy	2	260			
Other Europe	0	0			
Total Europe	109,790	36,973			
Syria ¹⁰	0	11			
Lebanon	(⁹)	12 0			
Republic of Philippines	1,037	1,770			
China	4	0			
Korea	0	18			
Hong Kong	190	0			
Japan	14,076	76,178			
Australia	77	0			
Gold Coast	0	12			
Mozambique	0	17			
Union of South Africa	2	4			
Other countries	3	6			
Total	230,516	179,111			
SoyafLOUR, edible:					
Canada	3,030	1,338			
Latin American Republics: ²					
Mexico	248	146			
Cuba	22	0			
Venezuela	87	173			
Other L. A. Republics	2	17			
Total L. A. Republics	359	336			
British West Indies ⁴	2	0			
Europe—					
Iceland	2	0			
Sweden	1,064	1,060			
Norway	100	248			
Denmark	0	28			
United Kingdom	2,900	10			
Eire (Ireland)	29	23			
Netherlands	11,065	42,860			
Belgium and Luxembourg	777	3,070			
Germany	1,807	164,192			
Austria	20,538	20,460			
Czechoslovakia	6,895	0			
Switzerland	1,398	4,309			
Finland	120	120			
Poland and Danzig	15,160	0			
U. S. S. R.	400	0			
Portugal	9	0			
Italy	59,480	37,470			
Greece	10,060	18,428			
Other Europe	0	0			
Total Europe	131,804	292,278			
India ⁷	426	24			
Pakistan	(⁸)	12 0			
Republic of Philippines	0	10			
China	38,099	13			
Japan	0	322,833			
Australia	0	410			
New Zealand	34	46			
Union of South Africa	1,755	351			
Other countries	8	0			
Total	175,517	617,689			
			Sugar, refined:		
			Canada	11	259
			Newfoundland and Labrador	10,042	10,892
			Miquelon and St. Pierre	90	139
			Latin American Republics: ²		
			Mexico	1	16
			Honduras	1	103
			Panama Republic	14	346
			Canal Zone	4,341	3,205
			Colombia	9	7
			Venezuela	(¹⁴)	61
			Bolivia	(¹⁴)	238
			Chile	2	2
			Paraguay	1	100
			Uruguay	0	518
			Other L. A. Republics	7	13
			Total L. A. Republics	4,362	4,609
			British West Indies ⁴	805	1,090
			Curacao (N. W. I.)	268	923
			Europe—		
			Iceland	4,982	2,041
			Sweden	9	1
			Norway	4,673	2
			Denmark	0	17
			United Kingdom	8	10
			Eire (Ireland)	1	2
			Netherlands	0	230
			Belgium and Luxembourg	166	1,223
			France	63,602	345
			Germany	68	1,109
			Austria	2,923	314
			Czechoslovakia	2	21
			Hungary	292	0
			Switzerland	38,037	5,717
			Finland	41,605	2,613
			Poland and Danzig	7	0
			U. S. S. R.	2	(¹⁴)
			Azores	7	(¹⁴)
			Spain	0	110
			Portugal	(¹⁴)	(¹⁴)
			Italy	23,408	14,217
			Yugoslavia	1,973	12
			Albania	2,029	40
			Greece	22,464	17,398
			Rumania	124	1
			Bulgaria	25	0
			Other Europe	0	0
			Total Europe	206,407	45,423
			Syria ¹⁰	0	2,575
			Lebanon	(⁹)	12 1
			Iraq	0	201
			Iran	0	996
			Palestine ⁴	0	567
			Trans-Jordan	(⁹)	12 100
			Kuwait	0	1,774
			Saudi Arabia	172	6,615
			Aden	0	200
			State of Bahrain	39	170
			Afghanistan	19	13
			India ⁷	0	624
			Pakistan	(⁸)	12 0
			Siam (Thailand)	0	1,044
			British Malaya	1	366
			Netherlands East Indies	3	19
			Republic of Philippines	4,042	1,026
			Portuguese Asia	0	330
			China	50	60
			Korea	0	62

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Sugar, refined—Continued					
Hong Kong.....	0	2,613	Black fat waterbaler and dark African—Continued	1,000	1,000
Japan.....	12,061	32,692	Portuguese Asia.....	25	0
French Pacific Islands.....	3	350	China.....	0	39
Western Pacific Is., n.e.s.....	0	15	French Morocco.....	75	111
French Morocco.....	0	3,056	Cameroon.....	40	109
Tangier.....	610	1,072	French Equatorial Africa.....	1,375	597
Algeria.....	20,567	0	French West Africa.....	806	1,109
Tunisia.....	2,500	0	Gold Coast.....	1,833	2,791
Canary Islands.....	0	20	Nigeria.....	(^b)	18 2
Spanish Africa, n.e.s. ^a	0	30	Portuguese Guinea n.e.s. ^{1b}	123	244
Cameroon.....	2	13	Liberia.....	41	28
French West Africa.....	14,937	(¹¹)	Other countries.....	9	31
Liberia.....	308	339			
Ethiopia.....	2	500	Total.....	4,818	5,482
Union of South Africa.....	0	395			
Other countries.....	7	13	Bright flue-cured, stemmed:		
Total.....	277,308	121,186	Latin American Republics: ²		
			Mexico.....	754	819
	1,000	1,000	Guatemala.....	'86	145
Timothy seed:	pounds	pounds	Honduras.....	0	15
Canada.....	398	2,398	Nicaragua.....	145	241
Newfoundland and Labrador.....	16	44	Costa Rica.....	54	60
Latin American Republics ²	7	5	Haiti.....	181	76
Europe.....			Colombia.....	228	146
United Kingdom.....	2,368	3,741	Venezuela.....	190	128
Eire (Ireland).....	579	500	Peru.....	161	246
Netherlands.....	411	319	Chile.....	110	67
Belgium and Luxembourg.....	33	284	Brazil.....	62	47
France.....	286	206	Uruguay.....	481	128
Germany.....	986	1,645	Argentina.....	732	1,212
Switzerland.....	235	333	Other L. A. Republics.....	1	0
Finland.....	1,638	3,884	Total L. A. Republics.....	3,175	3,330
Azores.....	10	0			
Other Europe.....	0	0	British West Indies ⁴	22	38
Total Europe.....	6,546	10,882	Surinam.....	12	0
			Europe—		
Korea.....	0	4	Sweden.....	2,908	1,422
Japan.....	0	54	Norway.....	48	46
Other countries.....	0	0	Denmark.....	103	39
Total.....	6,967	13,387	United Kingdom.....	25,141	8,406
			Eire (Ireland).....	709	397
Tobacco leaf:			Netherlands.....	57	217
Black fat waterbaler and dark African:			Belgium and Luxembourg.....	113	239
Canada.....	1	0	Czechoslovakia.....	51	0
Latin American Republics: ²			Switzerland.....	76	91
Honduras.....	0	3	U. S. S. R.....	0	18
Haiti.....	12	5	Spain.....	0	222
Dominican Republic.....	1	0	Portugal.....	997	1,871
Other L. A. Republics.....	0	0	Malta, Gozo and Cyprus.....	9	13
Total L. A. Republics.....	13	8	Italy.....	0	975
			Other Europe.....	0	0
British Honduras.....	25	33	Total Europe.....	30,212	13,956
British West Indies ⁴	132	136			
Curacao (N. W. I.).....	35	41	Palestine ⁵	107	51
French West Indies.....	1	32	Trans-Jordan.....	(^b)	12 0
British Guiana.....	78	91	India ⁷	13,631	10,173
Surinam.....	41	6	Pakistan.....	(^b)	12 0
French Guiana.....	17	8	China.....	114	252
Europe—			Hong Kong.....	45	0
Norway.....	48	0	Australia.....	1	0
United Kingdom.....	1	0	New Zealand.....	0	19
Belgium and Luxembourg.....	7	(³)	Algeria.....	5	0
Switzerland.....	28	(³)	Egypt.....	544	374
Portugal.....	61	46	British East Africa.....	71	0
Malta, Gozo and Cyprus.....	0	16	Union of South Africa.....	90	83
Italy.....	3	0	Other countries.....	0	36
Other Europe.....	0	0	Total.....	48,029	28,312
Total Europe.....	148	62			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Bright flue-cured, unstemmed—		
Tobacco leaf—Continued			Continued		
Bright flue-cured, unstemmed:			British East Africa.....	1,215	767
Canada.....	1,000 219	1,000 73	Mozambique.....	69	31
Newfoundland and Labrador.....	437	96	Union of South Africa.....	485	1,607
Latin American Republics: ²			Angola.....	(⁶)	12 2
Mexico.....	44	1	Other countries.....	143	216
Guatemala.....	80	139			
El Salvador.....	280	423	Total.....	432,557	284,502
Honduras.....	31	72			
Nicaragua.....	126	10	Burley:		
Costa Rica.....	0	5	Canada.....	0	5
Panama Republic.....	19	26	Newfoundland and Labrador.....	372	278
Haiti.....	1	0	Latin American Republics: ²		
Colombia.....	0	71	Mexico.....	850	697
Venezuela.....	0	2	Guatemala.....	87	137
Brazil.....	207	95	Honduras.....	27	3
Uruguay.....	203	163	Nicaragua.....	38	41
Argentina.....	809	1,748	Costa Rica.....	41	38
Other L. A. Republics.....	0	12	Haiti.....	40	21
Total L. A. Republics.....	1,800	2,767	Colombia.....	15	16
			Venezuela.....	0	67
British West Indies ⁴	36	119	Peru.....	57	78
British Guiana.....	395	312	Chile.....	37	26
Surinam.....	24	0	Brazil.....	150	47
Europe—			Uruguay.....	24	1
Sweden.....	6,272	5,234	Argentina.....	722	1,110
Norway.....	4,812	4,434	Other L. A. Republics.....	0	2
Denmark.....	6,596	5,040			
United Kingdom.....	234,561	118,102	Total L. A. Republics.....	2,088	2,284
Eire (Ireland).....	14,866	11,098			
Netherlands.....	38,457	24,619	British West Indies ⁴	9	0
Belgium and Luxembourg.....	14,670	10,690	Surinam.....	21	46
France.....	2,316	529	Europe—		
Germany.....	0	8,044	Sweden.....	1,804	1,628
Austria.....	1	1,016	Norway.....	1,047	1,073
Czechoslovakia.....	1,950	138	Denmark.....	1,733	1,195
Switzerland.....	2,758	4,291	United Kingdom.....	1,268	646
Finland.....	65	952	Eire (Ireland).....	33	0
Poland and Danzig.....	(³)	410	Netherlands.....	4,254	5,032
U. S. S. R.....	5,273	3,302	Belgium and Luxembourg.....	6,956	3,637
Azores.....	36	19	France.....	4,442	7,303
Spain.....	7	221	Germany.....	0	698
Portugal.....	1,845	2,864	Austria.....	0	429
Malta, Gozo and Cyprus.....	1,130	856	Czechoslovakia.....	1,534	0
Italy.....	229	9,280	Switzerland.....	495	514
Greece.....	(³)	27	Finland.....	11	97
Other Europe.....	0	0	Azores.....	14	46
Total Europe.....	335,844	211,166	Spain.....	0	54
			Portugal.....	3,861	4,415
Syria ¹⁰	4	25	Malta, Gozo and Cyprus.....	0	5
Lebanon.....	(⁶)	12 18	Italy.....	5,396	6,860
Palestine ⁵	907	552	Other Europe.....	0	0
Trans-Jordan.....	(⁶)	12 21			
India ⁷	1,519	983	Total Europe.....	32,848	33,632
Pakistan.....	(⁶)	12 0			
Ceylon.....	1,343	1,343	Syria ¹⁰	2	0
Siam (Thailand).....	4,209	1,434	Lebanon.....	(⁶)	12 12
French Indo-China.....	1,002	1,170	India.....	1	11
Netherlands East Indies.....	1,364	4,250	French Indo-China.....	330	26
China.....	55,814	21,111	China.....	(²)	5
Hong Kong.....	5,142	5,434	Hong Kong.....	0	15
Australia.....	13,585	23,761	Australia.....	103	361
New Zealand.....	2,864	4,320	French Morocco.....	63	0
French Morocco.....	151	215	Algeria.....	15	84
Algeria.....	34	160	Tunisia.....	366	125
Tunisia.....	18	168	Egypt.....	680	836
Egypt.....	2,884	1,254	Angola.....	(⁶)	12 21
French West Africa.....	15	30	Portuguese Guinea, n.e.s. ¹²	42	16
Gold Coast.....	0	17	Union of South Africa.....	0	37
Nigeria.....	808	853	Other countries.....	13	7
Portuguese Guinea, n.e.s. ¹²	30	27			
Mauritius and Dependencies.....	197	200	Total.....	36,958	37,801

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Tobacco leaf—Continued					
Cigar, leaf:					
Canada.....	242	395			
Newfoundland and Labrador.....	0	21			
Latin American Republics: ²					
Mexico.....	73	2			
Guatemala.....	1	0			
El Salvador.....	(3)	(3)			
Nicaragua.....	0	92			
Panama Republic.....	3	12			
Colombia.....	3	9			
Chile.....	18	0			
Brazil.....	67	50			
Paraguay.....	3	0			
Uruguay.....	1	1			
Argentina.....	32	185			
Other L. A. Republics.....	(3)	4			
Total L. A. Republics.....	201	355			
British West Indies ⁴	41	2			
Surinam.....	5	6			
Europe—					
Germany.....	0	110			
Sweden.....	315	990			
Norway.....	66	51			
Denmark.....	932	1,397			
United Kingdom.....	132	83			
Eire (Ireland) ⁵	3	7			
Netherlands.....	366	1,624			
Belgium and Luxembourg.....	855	632			
France.....	0	(3)			
Austria.....	0	92			
Czechoslovakia.....	56	12			
Switzerland.....	516	248			
Finland.....	231	0			
U. S. S. R.....	0	2			
Azores.....	6	3			
Portugal.....	28	44			
Other Europe.....	0	0			
Total Europe.....	3,506	5,295			
Palestine ⁶	1	22			
Trans-Jordan.....	(6)	(12) (3)			
India ⁷	7	2			
Pakistan.....	(6)	12 0			
French Indo-China.....	24	0			
Republic of Philippines.....	39	12			
China.....	(3)	0			
Australia.....	18	116			
French Morocco.....	18	0			
Algeria.....	1	0			
Tunisia.....	72	0			
Canary Islands.....	187	83			
Cameroon.....	1	2			
Nigeria.....	0	31			
Liberia.....	0	39			
Union of South Africa.....	0	1			
Other countries.....	0	22			
Total.....	4,363	6,404			
Dark-fired Kentucky and Tennessee:					
Canada.....	68	52			
Newfoundland and Labrador.....	8	7			
Latin American Republics: ²					
Panama Republic.....	41	36			
Haiti.....	5	2			
Colombia.....	1	1			
Brazil.....	16	24			
Uruguay.....	33	0			
Total L. A. Republics.....	9	31			
British West Indies ⁴	99	156			
Europe—					
Sweden.....	982	1,516			
Dark-fired Kentucky and Tennessee—Continued					
L. A. Republics—Continued					
Argentina.....	362	838			
Other L. A. Republics.....	0	(3)			
Total L. A. Republics.....	458	901			
British Honduras.....	29	0			
British West Indies ⁴	11	15			
Curacao (N. W. I.).....	4	5			
French West Indies.....	12	0			
British Guiana.....	15	0			
Surinam.....	15	0			
French Guiana.....	3	0			
Europe—					
Iceland.....	16	128			
Sweden.....	1,297	1,711			
Norway.....	630	128			
Denmark.....	773	573			
United Kingdom.....	2,374	203			
Eire (Ireland) ⁵	599	585			
Netherlands.....	1,285	4,660			
Belgium and Luxembourg.....	4,041	1,956			
France.....	4,982	19			
Germany.....	0	279			
Austria.....	0	17			
Czechoslovakia.....	0	21			
Switzerland.....	3,797	3,415			
Finland.....	15	0			
Azores.....	115	138			
Portugal.....	230	570			
Malta, Gozo and Cyprus.....	60	104			
Italy.....	1,502	1,827			
Other Europe.....	0	0			
Total Europe.....	21,716	16,334			
Turkey.....	2	0			
India ⁷	1	0			
Pakistan.....	(6)	12 0			
French Indo-China.....	85	0			
China.....	(3)	0			
New Zealand.....	0	18			
French Morocco.....	222	0			
Algeria.....	219	138			
Tunisia.....	622	265			
Egypt.....	426	293			
Canary Islands.....	257	196			
Cameroon.....	63	42			
French Equatorial Africa.....	20	33			
French West Africa.....	494	129			
Gold Coast.....	263	207			
Nigeria.....	2	9			
Angola.....	(6)	12 1			
Portuguese Guinea, n.e.s. ¹³	60	60			
Liberia.....	75	29			
Madagascar.....	0	31			
Other countries.....	0	1			
Total.....	25,150	18,766			
Dark Virginia:					
Newfoundland and Labrador.....	13	14			
Latin American Republics: ²					
Mexico.....	(3)	31			
Dominican Republic.....	(3)	0			
Argentina.....	9	0			
Other L. A. Republics.....	0	0			
Total L. A. Republics.....	9	31			
British West Indies ⁴	99	156			
Europe—					
Sweden.....	982	1,516			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Tobacco leaf—Continued					
Dark Virginia—Continued					
Europe—Continued					
Norway.....	1,475	2,001			
Denmark.....	72	25			
United Kingdom.....	332	103			
Eire (Ireland).....	15	42			
Netherlands.....	445	892			
Belgium and Luxembourg.....	602	649			
France.....	0	68			
Austria.....	0	48			
Czechoslovakia.....	339	0			
Switzerland.....	1,062	1,078			
Finland.....	0	86			
Azores.....	2	0			
Portugal.....	662	43			
Other Europe.....	0	0			
Total Europe.....	5,988 ²	6,551			
Palestine ⁵	13	0			
Trans-Jordan.....	(⁶)	12 0			
India ⁷	114	36			
Pakistan.....	(⁶)	12 0			
French Indo-China.....	461	19			
Netherlands East Indies.....	182	0			
China.....	0	5			
Hong Kong.....	98	0			
Australia.....	30	33			
New Zealand.....	110	102			
Algeria.....	60	55			
Egypt.....	10	22			
Canary Islands.....	10	231			
French West Africa.....	69	11			
Gold Coast.....	5	0			
Angola.....	(⁸)	12 16			
Portuguese Guinea, n.e.s. ¹³	3	0			
Liberia.....	10	0			
Other countries.....	0	0			
Total.....	7,274	7,282			
Green River:					
Latin American Republics: ²					
Panama Republic.....	0	5			
Haiti.....	1	4			
Other L. A. Republics.....	0	0			
Total L. A. Republics.....	1	9			
Europe—					
United Kingdom.....	930	85			
Eire (Ireland).....	169	51			
Netherlands.....	1	278			
Belgium and Luxembourg.....	577	210			
France.....	0	114			
Switzerland.....	35	11			
Italy.....	(⁹)	0			
Azores.....	0	6			
Other Europe.....	0	0			
Total Europe.....	1,712	755			
French Morocco.....	22	0			
Algeria.....	34	0			
Cameroon.....	39	10			
French West Africa.....	4	2			
Gold Coast.....	6	9			
Liberia.....	73	161			
Other countries.....	0	4			
Total.....	1,891	950			
Maryland and Ohio export:					
Canada.....	0	2			
Newfoundland and Labrador.....	14	14			
Latin American Republics: ²					
Honduras.....	1	1			
Canal Zone.....	0	(³)			
Other L. A. Republics.....	0	0			
Total L. A. Republics.....	1	1			
Surinam.....	1	0			
Europe—					
Norway.....	26	13			
Denmark.....	7	21			
United Kingdom.....	(³)	41			
Netherlands.....	162	1,587			
Belgium and Luxembourg.....	310	272			
France.....	0	494			
Switzerland.....	5,129	3,472			
Italy.....	0	1			
Other Europe.....	0	0			
Total Europe.....	5,634	5,901			
Australia.....	3	12			
French Morocco.....	187	198			
Algeria.....	33	0			
Tunisia.....	0	283			
Liberia.....	2	0			
Other countries.....	7	0			
Total.....	5,882	6,416			
One sucker leaf:					
Newfoundland and Labrador.....	33	79			
Latin American Republics: ²					
Haiti.....	0	2			
Other L. A. Republics.....	0	0			
Total L. A. Republics.....	0	2			
British West Indies ⁴	50	30			
Curacao (N. W. I.).....	8	2			
Europe—					
United Kingdom.....	24	0			
Eire (Ireland).....	14	0			
Netherlands.....	0	453			
Belgium and Luxembourg.....	770	211			
France.....	2,201	765			
Switzerland.....	0	5			
Spain.....	(³)	0			
Portugal.....	3	0			
Other Europe.....	0	0			
Total Europe.....	3,012	1,434			
French Morocco.....	90	0			
Canary Islands.....	44	0			
Cameroon.....	20	0			
French Equatorial Africa.....	0	2			
French West Africa.....	131	26			
Gold Coast.....	(³)	8			
Nigeria.....	151	42			
Portuguese Guinea n.e.s. ¹³	73	58			
Liberia.....	87	135			
Other countries.....	0	0			
Total.....	3,699	1,818			
Perique and other:					
Canada.....	6	16			
Latin American Republics: ²					
Colombia.....	0	1			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Tobacco leaf—Continued					
Perique and other—Continued					
L. A. Republics—Continued					
Uruguay.....	0	(³)			
Other L. A. Republics.....	0	0			
Total L. A. Republics.....	0	1			
Europe—					
Sweden.....	26	6			
Norway.....	21	20			
Denmark.....	0	2			
United Kingdom.....	129	37			
Eire (Ireland).....	(³)	0			
Netherlands.....	0	1			
Belgium and Luxembourg.....	1	0			
Switzerland.....	7	23			
Other Europe.....	0	0			
Total Europe.....	184	83			
China.....	0	(³)			
Other countries.....	0	0			
Total.....	190	100			
Vegetables, fresh or dried:					
Beans, seed:					
Greenland.....	5	0			
Canada.....	982	618			
Newfoundland and Labrador.....	61	0			
Latin American Republics: ²					
Mexico.....	50	38			
Panama Republic.....	1	1			
Cuba.....	1,638	720			
Venezuela.....	9	2			
Bolivia.....	4	0			
Brazil.....	6	10			
Uruguay.....	11	13			
Argentina.....	194	32			
Other L. A. Republics.....	2	14			
Total L. A. Republics.....	1,915	830			
British Honduras.....	3	4			
British West Indies ⁴	19	27			
Curacao (N. W. I.).....	0	2			
Europe—					
Norway.....	22	0			
Denmark.....	0	2			
United Kingdom.....	286	248			
Eire (Ireland).....	11	12			
Netherlands.....	24	45			
Belgium and Luxembourg.....	8	5			
France.....	4,448	246			
Germany.....	1,249	2,383			
Austria.....	43	0			
Switzerland.....	111	380			
Finland.....	(³)	0			
Poland and Danzig.....	764	0			
Trieste.....	(⁶)	(³) (¹²)			
Yugoslavia.....	734	0			
Other Europe.....	0	0			
Total Europe.....	7,700	3,321			
Syria ¹⁰	2	0			
Lebanon.....	(⁶)	12 0			
Palestine ⁵	0	10			
Trans-Jordan.....	(⁶)	12 0			
India ⁷	(⁶)	1			
Pakistan.....	(⁶)	12 0			
Republic of Philippines.....	37	1			
China.....	109	0			
Beans, seed—Continued					
Hong Kong.....	1	0			
Japan.....	0	3			
Australia.....	17	3			
New Zealand.....	38	52			
French Morocco.....	(³)	0			
Egypt.....	0	2			
Union of South Africa.....	58	15			
Other countries.....	5	2			
Total.....	10,952	4,891			
Other dried beans:					
Canada.....	4,333	1,542			
Newfoundland and Labrador.....	623	60			
Miquelon and St. Pierre.....	8	6			
Latin American Republics: ²					
Mexico.....	69	156			
Guatemala.....	(³)	6			
Panama Republic.....	110	152			
Canal Zone.....	508	494			
Cuba.....	27,132	48,615			
Colombia.....	45	108			
Venezuela.....	134	752			
Brazil.....	12	6			
Argentina.....	5	84			
Other L. A. Republics.....	4	106			
Total L. A. Republics.....	28,019	50,479			
British Honduras.....	275	339			
British West Indies ⁴	98	149			
Curacao (N. W. I.).....	280	662			
French West Indies.....	581	10			
Surinam.....	8	8			
Europe—					
Sweden.....	140	0			
Denmark.....	0	3			
United Kingdom.....	42,249	1,736			
Eire (Ireland).....	358	350			
Netherlands.....	7	0			
Belgium and Luxembourg.....	1	788			
France.....	171	88			
Germany.....	5,906	3,234			
Austria.....	5,282	46,339			
Czechoslovakia.....	82	0			
Hungary.....	160	0			
Switzerland.....	28	23			
Finland.....	0	80			
Poland and Danzig.....	654	160			
Azores.....	1	0			
Italy ⁸	436	72,269			
Trieste.....	(⁸)	12 1,895			
Greece.....	274	45,018			
Yugoslavia.....	4	0			
Other Europe.....	0	0			
Total Europe.....	55,753	171,983			
Syria ¹⁰	0	6			
Lebanon.....	(¹)	12 2			
Saudi Arabia.....	38	162			
Arabia Pen. States n.e.s.....	0	12			
Pakistan.....	(¹)	12 80			
Netherlands East Indies.....	16	4			
Republic of Philippines.....	258	378			
China.....	1,746	0			
Japan.....	46,358	29,903			
French Pacific Islands.....	114	165			
Other countries.....	52	37			
Total.....	138,560	255,987			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48²—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables, fresh or dried—Con.					
Onions:					
Canada.....	27,789	4,610			
Newfoundland and Labrador.....	1,911	231			
Latin American Republics: ²					
Mexico.....	4,421	3,737			
Guatemala.....	12	60			
Honduras.....	10	18			
Nicaragua.....	131	136			
Costa Rica.....	268	532			
Panama Republic.....	3,355	775			
Canal Zone.....	2,855	1,603			
Cuba.....	37,665	29,541			
Haiti.....	76	83			
Dominican Republic.....	662	683			
Colombia.....	725	309			
Venezuela.....	32	267			
Brazil.....	7	70			
Other L. A. Republics.....	0	12			
Total L. A. Republics.....	50,198	37,826			
British Honduras.....	198	163			
British West Indies ⁴	3,279	795			
Curacao (N. W. I.).....	1,182	932			
French West Indies.....	53	4			
Europe—					
Iceland.....	278	101			
Sweden.....	110	0			
United Kingdom.....	11,641	0			
Eire (Ireland).....	838	0			
Belgium and Luxembourg.....	0	1			
France.....	0	6			
Azores.....	0	1			
Other Europe.....	0	0			
Total Europe.....	12,867	109			
Saudi Arabia.....	6	49			
Siam (Thailand).....	0	35			
Republic of Philippines.....	24,444	17,910			
China.....	24	0			
Hong Kong.....	570	15			
Japan.....	0	30			
New Zealand.....	0	2			
French Pacific Islands.....	340	208			
Liberia.....	56	39			
Other countries.....	3	10			
Total.....	122,920	62,968			
Chickpeas:					
Canada.....	11	51			
Latin American Republics: ²					
Guatemala.....	2	2			
Honduras.....	4	2			
Costa Rica.....	6	15			
Panama Republic.....	16	42			
Canal Zone.....	0	12			
Cuba.....	102	217			
Venezuela.....	14	234			
Brazil.....	114	163			
Other L. A. Republics.....	1	28			
Total L. A. Republics.....	259	715			
British West Indies ⁴	113	1			
Curacao (N. W. I.).....	2	6			
Europe—					
Switzerland.....	22	0			
Other Europe.....	0	0			
Total Europe.....	22	0			
Chickpeas—Continued					
Saudi Arabia.....	0	33			
Republic of Philippines.....	195	416			
Japan.....	0	3			
Other countries.....	3	12			
Total.....	605	1,237			
Cowpeas, dry:					
Canada.....	1	0			
Latin American Republics: ²					
Mexico.....	4	1			
Panama Republic.....	(³)	8			
Canal Zone.....	4	15			
Cuba.....	268	212			
Venezuela.....	1	15			
Other L. A. Republics.....	0	1			
Total L. A. Republics.....	277	252			
British Honduras.....	3	3			
British West Indies ⁴	22	56			
Curacao (N. W. I.).....	10	129			
British Guiana.....	0	5			
Europe—					
Germany.....	2	0			
Poland and Danzig.....	160	0			
Greece.....	0	(³)			
Other Europe.....	0	0			
Total Europe.....	162	(³)			
Republic of Philippines.....	10	2			
China.....	2	0			
Other countries.....	2	9			
Total.....	489	456			
Peas, seed:					
Canada.....	3,166	2,212			
Newfoundland and Labrador.....	80	37			
Latin American Republics: ²					
Mexico.....	40	51			
Cuba.....	92	4			
Brazil.....	199	7			
Uruguay.....	374	686			
Argentina.....	456	223			
Other L. A. Republics.....	6	6			
Total L. A. Republics.....	1,167	977			
British West Indies ⁴	2	3			
Europe—					
Sweden.....	42	617			
Norway.....	22	56			
United Kingdom.....	2,196	2,842			
Eire (Ireland).....	40	1			
Netherlands.....	933	6,359			
Belgium and Luxembourg.....	482	693			
France.....	5,050	582			
Germany.....	5,284	24,494			
Austria.....	116	677			
Switzerland.....	80	178			
Poland and Danzig.....	195	0			
Portugal.....	(³)	(³)			
Italy.....	220	162			
Yugoslavia.....	301	0			
Greece.....	1	0			
Other Europe.....	0	0			
Total Europe.....	14,962	36,661			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables fresh or dried—Cont.	1,000	1,000			
Peas, seed—Continued	pounds	pounds			
India ⁷	0	(3) ¹² 0	Potatoes, white (or Irish):	1,000	1,000
Australia.....	(9)		Greenland.....	11	10
New Zealand.....	117	0	Canada.....	34,121	33,537
Egypt.....	22	5	Newfoundland and Labrador.....	134	261
Other countries.....	2	12	Latin American Republics: ²		
Total.....	19,657	39,939	Mexico.....	24,741	20,825
Other dried peas:			Guatemala.....	38	20
Canada.....	2,840	550	Nicaragua.....	87	91
Newfoundland and Labrador.....	928	780	Panama Republic.....	175	1,767
Miquelon and St. Pierre.....	28	19	Canal Zone.....	12,253	10,986
Latin American Republics: ²			Cuba.....	93,449	118,087
Mexico.....	109	191	Haiti.....	326	616
Honduras.....	17	10	Dominican Republic.....	1,273	1,993
Costa Rica.....	12	21	Colombia.....	2,441	2,330
Panama Republic.....	143	260	Venezuela.....	14,631	42,668
Canal Zone.....	211	285	Ecuador.....	(3)	1,000
Cuba.....	9,476	11,343	Peru.....	0	500
Venezuela.....	1,525	3,917	Bolivia.....	0	200
Brazil.....	8,148	1,973	Brazil.....	2,416	9,094
Uruguay.....	63	155	Uruguay.....	50	11,239
Argentina.....	16	104	Argentina.....	1,595	203,793
Other L. A. Republics.....	84	75	Other L. A. Republics.....	0	22
Total L. A. Republics.....	19,804	18,334	Total L. A. Republics.....	153,475	425,231
British West Indies ⁴	929	119	British Honduras.....	348	420
Curacao (N. W. I.).....	227	298	British West Indies ⁴	2,950	3,911
French West Indies.....	38	1	Curacao (N. W. I.).....	6,768	7,351
Europe—			French West Indies.....	610	77
Iceland.....	336	212	Europe—		
Sweden.....	527	0	Belgium and Luxembourg.....	29,560	0
Denmark.....	558	4	France.....	0	16,877
United Kingdom.....	51,791	524	Germany.....	345,785	403,793
Eire (Ireland).....	6	207	Austria.....	9	30,252
Netherlands.....	0	80	Switzerland.....	6,628	22
Belgium and Luxembourg.....	333	(3)	Spain.....	46,442	0
France.....	4,320	1	Portugal.....	52,130	0
Germany.....	74,076	83,187	Italy.....	31,285	100
Austria.....	7,020	10,216	Yugoslavia.....	46,086	0
Switzerland.....	1,639	807	Albania.....	880	0
Poland and Danzig.....	500	0	Greece.....	0	50,814
Azores.....	0	3	Other Europe.....	0	0
Portugal.....	9	0	Total Europe.....	558,805	501,858
Italy.....	1,110	2,732	Turkey.....	3	0
Yugoslavia.....	0	1	Syria ¹⁰	1,104	9
Greece.....	1	1,703	Lebanon.....	(5)	12 0
Rumania.....	300	0	Palestine ⁵	5	110
Other Europe.....	0	0	Trans-Jordan.....	(9)	12 0
Total Europe.....	142,526	99,677	State of Bahrein.....	40	166
Syria ¹⁰	(3)	7	Saudi Arabia.....	122	488
Lebanon.....	(9)	12 0	Pakistan.....	(9)	12 0
Saudi Arabia.....	1	70	French Indo China.....	336	0
India ⁷	7	0	Netherlands East Indies.....	50	4
Pakistan.....	(9)	12 0	Republic of Philippines.....	15,324	24,626
Burma.....	3	0	China.....	151	0
Republic of Philippines.....	13	276	Korea.....	6,154	982
China.....	2	45	Hong Kong.....	1,796	409
Korea.....	0	1	Japan.....	2,240	78
Hong Kong.....	2	26	French Pacific Islands.....	328	301
Japan.....	94,867	96,050	Tangier.....	50	0
French Pacific Islands.....	129	47	Liberia.....	73	82
Algeria.....	8	0	Union of South Africa.....	722	0
Liberia.....	16	10	Other countries.....	296	211
Belgian Congo.....	22	13	Total.....	786,016	1,000,122
Other countries.....	129	66	Tomatoes, fresh:		
Total.....	262,519	216,389	Canada.....	40,019	22,207
			Newfoundland and Labrador.....	261	393
			Latin American Republics: ²		
			Mexico.....	2,538	2,554
			Panama Republic.....	4	42
			Canal Zone.....	195	130

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables fresh or dried—Cont.				1,000 pounds	1,000 pounds
Tomatoes, fresh—Continued				(³)	12 0
Latin American Republics: ²	1,000 pounds	1,000 pounds		(³)	0
Cuba.....	274	609		(³)	12 0
Venezuela.....	(³)	23		0	1
Other L. A. Republics.....	0	4		31,457	857
Total L. A. Republics.....	3,011	3,362		15,198	20,023
British West Indies ⁴	80	151		0	4
Curacao (N. W. I.).....	118	144		321	250
Europe—				46	25
Iceland.....	0	20	Total.....	68,358	25,826
Belgium and Luxembourg.....	0	63			
Other Europe.....	0	0	Dehydrated vegetables:		
Total Europe.....	0	83	Canada.....	207	157
Saudi Arabia.....	0	25	Latin American Republics: ²		
Pakistan.....	(³)	12 0	Mexico.....	97	8
Republic of Philippines.....	1	12	Costa Rica.....	3	(³)
China.....	20	0	Panama Republic.....	2	0
Japan.....	0	3	Canal Zone.....	1	7
Other countries.....	(³)	3	Cuba.....	20	35
Total.....	43,510	26,383	Venezuela.....	1	8
			Other L. A. Republics.....	2	2
Dehydrated soups:			Total L. A. Republics.....	126	60
Canada.....	464	80	British West Indies ⁴	4	1
Latin American Republics: ²			Curacao (N. W. I.).....	4	2
Mexico.....	180	230	Europe—		
Costa Rica.....	22	32	Iceland.....	1	0
Panama Republic.....	126	140	Sweden.....	(³)	0
Canal Zone.....	14	12	United Kingdom.....	11	0
Cuba.....	391	177	Netherlands.....	0	13
Dominican Republic.....	48	32	Belgium and Luxembourg.....	159	5,436
Colombia.....	73	10	France.....	130	0
Venezuela.....	187	260	Germany.....	1,118	8,245
Peru.....	153	50	Austria.....	1	88
Brazil.....	43	87	Czechoslovakia.....	(³)	0
Other L. A. Republics.....	20	37	Hungary.....	(³)	0
Total L. A. Republics.....	1,257	1,066	Switzerland.....	60	582
British West Indies ⁴	182	29	Azores.....	0	(³)
Curacao (N. W. I.).....	58	48	Portugal.....	1	0
Europe—			Italy.....	475	2
Iceland.....	0	1	Yugoslavia.....	2	0
Sweden.....	126	6	Greece.....	2	33
Norway.....	(³)	0	Other Europe.....	0	(³)
Denmark.....	0	(³)	Total Europe.....	1,960	14,399
United Kingdom.....	1	3	Palestine ⁵	0	2
Netherlands.....	0	46	Trans-Jordan.....	(³)	12 0
Belgium and Luxembourg.....	1,449	3,189	India ⁷	6,789	0
France.....	2	4	Pakistan.....	(³)	12 0
Germany.....	302	4	Burma.....	(³)	0
Austria.....	117	26	Netherlands East Indies.....	16,625	6,264
Czechoslovakia.....	2	0	Republic of Philippines.....	37	6
Hungary.....	0	2	China.....	4	(³)
Switzerland.....	166	98	Japan.....	56	124
Finland.....	1	0	Other countries.....	31	53
Poland and Danzig.....	3,283	0	Total.....	25,843	21,068
U. S. S. R.....	11,382	0	Vegetables, canned:		
Portugal.....	12	4	Asparagus, canned:		
Gibraltar.....	0	1	Canada.....	449	626
Italy.....	1,895	52	Newfoundland and Labrador.....	18	23
Albania.....	0	(³)	Latin American Republics: ²		
Greece.....	1	(³)	Mexico.....	663	399
Other Europe.....	0	0	Guatemala.....	83	59
Total Europe.....	18,739	3,436	El Salvador.....	36	40
Turkey.....	6	0	Honduras.....	26	26
Syria ¹⁰	0	(³)	Costa Rica.....	105	63
			Panama Republic.....	128	30

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables, canned—Continued					
Asparagus, canned—Continued					
L. A. Republics—Continued	1,000	1,000			
Canal Zone.....	pounds	pounds			
Cuba.....	114	81	Baked beans and pork and beans—		
Colombia.....	664	304	canned—Continued	1,000	1,000
Venezuela.....	255	165	L. A. Republics—Continued	pounds	pounds
Ecuador.....	379	238	Canal Zone.....	361	512
Peru.....	53	10	Cuba.....	60	101
Bolivia.....	200	68	Colombia.....	42	39
Brazil.....	25	28	Venezuela.....	159	191
Other L. A. Republics.....	630	215	Peru.....	14	12
	68	30	Brazil.....	761	18
			Other L. A. Republics.....	41	15
Total L. A. Republics.....	3,429	1,756	Total L. A. Republics.....	1,647	1,171
British West Indies ⁴	72	20	British West Indies ⁴	97	59
Curacao (N. W. I.).....	72	48	Curacao (N. W. I.).....	69	40
French West Indies.....	4	4	Europe—		
Europe—			Sweden.....	11	4
Iceland.....	5	1	United Kingdom.....	210	229
Sweden.....	1,117	134	Netherlands.....	0	43
Norway.....	3	1	Belgium and Luxembourg.....	973	3,357
Denmark.....	32	27	France.....	7	3
United Kingdom.....	0	130	Germany.....	0	1
Eire (Ireland).....	0	1	Czechoslovakia.....	13	0
Netherlands.....	15	265	Austria.....	(³)	0
Belgium and Luxembourg.....	476	2,979	Switzerland.....	3	55
France.....	5	8	Poland and Danzig.....	10	0
Switzerland.....	1,918	2,064	Azores.....	2	0
Poland and Danzig.....	(³)	0	Portugal.....	(³)	0
Azores.....	1	1	Italy.....	245	0
Portugal.....	14	3	Greece.....	56	0
Italy.....	0	1	Other Europe.....	0	0
Greece.....	(³)	(³)	Total Europe.....	1,530	3,692
Other Europe.....	0	0	Saudi Arabia.....	16	80
Total Europe.....	3,586	5,615	India ⁷	4	28
Syria ¹⁰	20	19	Pakistan.....	(⁹)	12
Lebanon.....	(⁹)	12	Siam (Thailand).....	0	1
Saudi Arabia.....	26	89	Netherlands East Indies.....	339	14
India ⁷	10	15	Republic of Philippines.....	732	1,718
Pakistan.....	(⁹)	12	China.....	10	0
Ceylon.....	4	0	Hong Kong.....	1	31
Burma.....	4	0	Japan.....	0	16
Siam (Thailand).....	23	31	French Pacific Islands.....	211	87
Netherlands East Indies.....	10	24	Mozambique.....	18	56
Republic of Philippines.....	625	442	Union of South Africa.....	1,162	620
China.....	608	(³)	Southern Rhodesia.....	187	114
Hong Kong.....	223	176	Other countries.....	69	53
Japan.....	15	9	Total.....	8,020	9,733
Australia.....	1	0	Lima beans, canned:		
French Pacific Islands.....	135	50	Canada.....	327	47
French Morocco.....	0	10	Latin American Republics: ²		
Egypt.....	14	30	Mexico.....	1	4
Angola.....	(⁹)	12	Panama Republic.....	9	1
Portuguese Guinea n.e.s. ¹³	9	5	Canal Zone.....	33	87
Belgian Congo.....	99	25	Cuba.....	10	12
Mozambique.....	71	61	Colombia.....	5	10
Union of South Africa.....	1,857	1,416	Venezuela.....	43	73
Southern Rhodesia.....	40	112	Peru.....	4	1
Other countries.....	47	52	Bolivia.....	1	0
			Brazil.....	5	2
			Other L. A. Republics.....	4	4
Total.....	11,481	10,698	Total L. A. Republics.....	115	194
Baked beans and pork and beans			British West Indies ⁴	24	9
—canned:			Curacao (N. W. I.).....	32	19
Canada.....	541	1,687	Europe—		
Newfoundland and Labrador.....	1,364	258	United Kingdom.....	0	1
Miquelon and St. Pierre.....	13	8	Netherlands.....	0	274
Latin American Republics: ²			Belgium and Luxembourg.....	18	3,860
Mexico.....	69	21	France.....	12	1
Costa Rica.....	4	12	Austria.....	5	0
Panama Republic.....	136	250			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables, canned—Continued					
Lima beans, canned—Continued					
Europe—Continued					
Czechoslovakia.....		0			
Switzerland.....	0	2			
Poland and Danzig.....	1	0			
Azores.....	1	0			
Yugoslavia.....	31	1			
Greece.....	2	0			
Other Europe.....	0	0			
Total Europe.....	70	4,139			
Saudi Arabia.....	32	25			
Netherlands East Indies.....	1	12			
Republic of Philippines.....	16	15			
China.....	6	0			
Japan.....	0	5			
French Pacific Islands.....	9	5			
Liberia.....	2	2			
Belgian Congo.....	1	1			
Union of South Africa.....	8	0			
Other countries.....	8	13			
Total.....	651	4,486			
Beans, green, canned:					
Canada.....	126	5			
Newfoundland and Labrador.....	13	27			
Miquelon and St. Pierre.....	6	5			
Latin American Republics: ²					
Mexico.....	42	103			
Honduras.....	2	4			
Nicaragua.....	3	2			
Panama Republic.....	56	72			
Canal Zone.....	218	310			
Cuba.....	156	225			
Colombia.....	47	22			
Venezuela.....	118	181			
Ecuador.....	5	0			
Peru.....	49	12			
Bolivia.....	3	1			
Brazil.....	138	2			
Other L. A. Republics.....	11	7			
Total L. A. Republics.....	848	941			
British West Indies ⁴	137	94			
Curacao (N. W. I.).....	423	259			
Europe—					
Sweden.....	8	0			
Norway.....	0	(³)			
United Kingdom.....	57	4			
Netherlands.....	(³)	850			
Belgium and Luxembourg.....	19	17,553			
France.....	10	8			
Germany.....	4	0			
Czechoslovakia.....	42	0			
Austria.....	5	0			
Hungary.....	1	0			
Switzerland.....	32	154			
Poland and Danzig.....	39	0			
Azores.....	0	(³)			
Italy.....	14	1			
Yugoslavia.....	69	0			
Greece.....	18	243			
Other Europe.....	0	0			
Total Europe.....	318	18,813			
Syria ¹⁰	3	37			
Lebanon.....	(⁶)	12 1			
Saudi Arabia.....	70	160			
Afghanistan.....	8	3			
Beans, green, canned—Con.					
India ⁷			1,000 pounds	1,000 pounds	
Pakistan.....			(³)	0	
Burma.....			(⁶)	12 0	
British Malaya.....				874	0
Netherlands East Indies.....				931	(³)
Republic of Philippines.....				448	38
China.....				14	51
Hong Kong.....				34	(³)
Japan.....				189	0
French Pacific Islands.....				31	275
French West Africa.....				45	17
Liberia.....				21	1
Union of South Africa.....				6	8
Other countries.....				49	21
Total.....			4,613	20,757	
Corn, canned:					
Canada.....			3	5,817	
Newfoundland and Labrador.....			5	6	
Latin American Republics: ²					
Mexico.....			104	161	
Honduras.....			13	11	
Panama Republic.....			75	35	
Canal Zone.....			330	257	
Cuba.....			324	388	
Dominican Republic.....			7	5	
Colombia.....			52	17	
Venezuela.....			171	220	
Brazil.....			203	51	
Other L. A. Republics.....			51	18	
Total L. A. Republics.....			1,330	1,163	
British Honduras.....			34	13	
British West Indies ⁴			154	92	
Curacao (N. W. I.).....			62	42	
Europe—					
Sweden.....			23	0	
Norway.....			0	1	
United Kingdom.....			0	61	
Belgium and Luxembourg.....			3	7	
France.....			3	6	
Germany.....			48	0	
Austria.....			6	0	
Czechoslovakia.....			28	0	
Hungary.....			1	0	
Switzerland.....			6	49	
Poland and Danzig.....			32	0	
Greece.....			3	7	
Other Europe.....			0	0	
Total Europe.....			153	131	
Syria ¹⁰			2	36	
Lebanon.....			(⁶)	12 1	
Saudi Arabia.....			54	105	
Afghanistan.....			5	4	
India ⁷			1	0	
Pakistan.....			(⁶)	12 0	
Siam (Thailand).....			0	2	
Netherlands East Indies.....			2	17	
Republic of Philippines.....			1,360	919	
China.....			53	30	
Hong Kong.....			162	202	
Japan.....			0	11	
Liberia.....			4	7	
Mozambique.....			17	2	
Union of South Africa.....			2,205	315	
Other countries.....			25	18	
Total.....			5,631	8,933	

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables, canned—Continued	1,000	1,000	Peas, canned—Continued	1,000	1,000
Peas, canned:	pounds	pounds	Union of South Africa	pounds	pounds
Canada	81	231	Other countries	138	76
Newfoundland and Labrador	208	345	Total	29,166	36,257
Miquelon and St. Pierre	33	9			
Latin American Republics: ²			Soups, canned:		
Mexico	121	424	Canada	675	151
El Salvador	28	31	Newfoundland and Labrador	409	41
Honduras	45	57	Miquelon and St. Pierre	16	8
Nicaragua	27	35	Latin American Republics: ²		
Costa Rica	86	72	Mexico	767	260
Panama Republic	306	386	Guatemala	29	25
Canal Zone	432	388	El Salvador	10	8
Cuba	1,435	1,325	Honduras	24	32
Dominican Republic	40	74	Costa Rica	44	26
Colombia	307	357	Panama Republic	766	630
Venezuela	823	1,130	Canal Zone	1,801	917
Peru	254	63	Cuba	1,016	1,255
Bolivia	11	38	Dominican Republic	155	224
Brazil	14,949	48	Colombia	279	130
Paraguay	131	2	Venezuela	722	1,107
Other L. A. Republics	51	16	Peru	52	36
Total L. A. Republics	19,051	4,446	Bolivia	24	30
British Honduras	16	10	Brazil	642	247
British West Indies ⁴	571	144	Other L. A. Republics	81	37
Curacao (N. W. I.)	448	366	Total L. A. Republics	6,311	4,964
French West Indies	18	3	British West Indies ⁴	51	70
British Guiana	10	2	Curacao (N. W. I.)	902	435
Surinam	16	20	Surinam	7	3
Europe—			French Guiana	19	0
Iceland	9	2	Europe—		
Sweden	753	399	Iceland	2	(³)
Norway	0	1	Sweden	1,017	736
United Kingdom	4	5	Norway	0	(³)
Eire (Ireland)	(³)	0	Denmark	1	(³)
Netherlands	0	1,260	United Kingdom	41	148
Belgium and Luxembourg	1,680	22,845	Eire (Ireland)	(³)	0
France	15	10	Netherlands	(³)	0
Germany	26	10	Belgium and Luxembourg	187	3,842
Austria	6	0	France	20	35
Czechoslovakia	37	0	Germany	48	24
Hungary	1	0	Austria	112	1
Switzerland	373	2,255	Czechoslovakia	98	(³)
Poland and Danzig	51	0	Hungary	12	0
Azores	1	2	Switzerland	3	255
Portugal	4	0	Finland	18	0
Italy	16	1	Poland and Danzig	146	0
Yugoslavia	98	0	U. S. S. R.	32	0
Greece	65	16	Azores	5	2
Other Europe	0	0	Spain	5	0
Total Europe	3,139	26,806	Portugal	4	2
Syria ¹⁰	140	146	Italy	62	10
Lebanon	(⁹)	12,276	Yugoslavia	69	14
Saudi Arabia	48	286	Greece	90	0
India ⁷	2	2	Other Europe	0	4
Pakistan	(⁹)	12,0	Total Europe	1,972	5,073
Burma	337	0	Turkey	12	12
Siam (Thailand)	0	9	Syria ¹⁰	4	17
British Malaya	683	4	Lebanon	(⁹)	12,19
Netherlands East Indies	576	21	Saudi Arabia	202	385
Republic of Philippines	671	2,350	India ⁷	75	30
China	141	9	Pakistan	(⁹)	12,0
Hong Kong	399	181	Burma	4	0
Japan	1	11	Siam (Thailand)	20	5
French Pacific Islands	218	132	British Malaya	2	6
Tangier	98	39	Netherlands East Indies	3	22
Angola	(⁹)	12,4	Republic of Philippines	844	840
Portuguese Guinea, n.e.s. ¹³	7	26	China	157	4
Mozambique	90	117	Hong Kong	169	90
Belgian Congo	36	8			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables, canned—Continued					
Soups, canned—Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>			
Japan.....	1	52			
New Zealand.....	7	2			
French Pacific Islands.....	33	94			
Algeria.....	0	(³)			
Egypt.....	1	2			
Gold Coast.....	12	(³)			
Liberia.....	23	24			
Belgian Congo.....	74	41			
Union of South Africa.....	1,646	198			
Other countries.....	55	48			
Total.....	13,756	12,636			
Spinach, canned:					
Canada.....	1,118	187			
Newfoundland and Labrador.....	24	4			
Latin American Republics: ²					
Mexico.....	12	3			
Nicaragua.....	2	0			
Panama Republic.....	33	1			
Canal Zone.....	85	90			
Cuba.....	35	21			
Colombia.....	20	14			
Venezuela.....	56	27			
Peru.....	12	3			
Bolivia.....	1	0			
Brazil.....	18	4			
Other L. A. Republics.....	14	3			
Total L. A. Republics.....	308	166			
British West Indies ⁴	35	10			
Curacao (N. W. I.).....	82	49			
French West Indies.....	2	0			
Surinam.....	1	1			
Europe—					
Sweden.....	(³)	0			
United Kingdom.....	84	1			
Netherlands.....	0	65			
Belgium and Luxembourg.....	25	1,294			
France.....	5	3			
Germany.....	3,373	0			
Austria.....	5	0			
Czechoslovakia.....	2	0			
Hungary.....	16	0			
Switzerland.....	26	0			
Poland and Danzig.....	4	0			
Azores.....	1	1			
Italy.....	7	1			
Greece.....	93	386			
Other Europe.....	0	0			
Total Europe.....	3,641	1,751			
Syria ¹⁰	0	19			
Lebanon.....	(⁶)	12 0			
Saudi Arabia.....	5	71			
India ⁷	0	2			
Pakistan.....	(⁶)	12 0			
Siam (Thailand).....	4	0			
Netherlands East Indies.....	154	6			
Republic of Philippines.....	95	1			
China.....	10	0			
Japan.....	0	7			
French Pacific Islands.....	33	3			
Tangier.....	8	0			
Liberia.....	2	2			
Union of South Africa.....	34	6			
Other countries.....	13	14			
Total.....	5,569	2,299			
			Tomatoes, canned:		
			Canada.....	1,000 pounds	1,000 pounds
			Newfoundland and Labrador.....	340	8,313
			Latin American Republics: ²	34	783
			Mexico.....	50	45
			El Salvador.....	0	1
			Honduras.....	8	10
			Nicaragua.....	23	10
			Costa Rica.....	13	20
			Panama Republic.....	9	18
			Canal Zone.....	400	399
			Cuba.....	55	206
			Colombia.....	21	25
			Venezuela.....	42	131
			Brazil.....	15	4
			Other L. A. Republics.....	14	20
			Total L. A. Republics.....	650	889
			British Honduras.....	21	27
			British West Indies ⁴	54	145
			Curacao (N. W. I.).....	177	448
			Europe—		
			Sweden.....	5	0
			Norway.....	0	(³)
			United Kingdom.....	0	5
			Belgium and Luxembourg.....	16	69
			France.....	7	3
			Austria.....	6	0
			Czechoslovakia.....	17	0
			Hungary.....	1	0
			Switzerland.....	1	77
			Poland and Danzig.....	33	0
			Azores.....	2	0
			Italy.....	40	153
			Greece.....	18	27
			Other Europe.....	0	0
			Total Europe.....	146	339
			Syria ¹⁰	2	28
			Lebanon.....	(⁶)	12 0
			Saudi Arabia.....	62	321
			State of Bahrien.....	17	9
			India ⁷	(⁶)	0
			Pakistan.....	(⁶)	12 0
			Netherlands East Indies.....	13	16
			Republic of Philippines.....	390	974
			China.....	40	0
			Japan.....	0	447
			Union of South Africa.....	3	35
			Other countries.....	41	25
			Total.....	1,990	12,799
			Tomato juice, canned:		
			Canada.....	2	1,444
			Newfoundland and Labrador.....	13	104
			Latin American Republics: ²		
			Mexico.....	147	49
			Guatemala.....	28	27
			El Salvador.....	4	31
			Honduras.....	20	31
			Nicaragua.....	22	19
			Costa Rica.....	18	22
			Panama Republic.....	246	267
			Canal Zone.....	542	569
			Cuba.....	372	2,375
			Dominican Republic.....	23	43
			Colombia.....	119	37
			Venezuela.....	283	275
			Ecuador.....	13	2
			Peru.....	62	17
			Bolivia.....	19	28

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables, canned—Continued					
Tomato juice, canned—Continued					
L. A. Republics—Continued					
Brazil	200	94			
Other L. A. Republics	12	16			
Total L. A. Republics	2,130	3,902			
British West Indies ⁴	136	48			
Curacao (N. W. I.)	92	104			
British Guiana	0	2			
Surinam	2	5			
Europe—					
Sweden	144	0			
United Kingdom	0	25			
Eire (Ireland)	0	1			
Netherlands	1	0			
Belgium and Luxembourg	2,377	132			
France	26	9			
Germany	81	682			
Austria	14	0			
Czechoslovakia	2,417	0			
Switzerland	49	45			
Poland and Danzig	15,993	0			
U. S. S. R.	1,411	0			
Portugal	1	0			
Italy	511	0			
Yugoslavia	4	0			
Greece	923	4			
Other Europe	8	1			
Total Europe	23,960	899			
Syria ¹⁰	15	26			
Lebanon	(⁹)	12 15			
Trans-Jordan	(⁹)	12 1			
Saudi Arabia	84	216			
State of Bahrain	1	15			
India ⁷	1	1			
Pakistan	(⁹)	19 0			
Siam (Thailand)	1	3			
Netherlands East Indies	210	10			
Republic of Philippines	113	159			
China	39	6			
Hong Kong	120	14			
Japan	0	3,386			
Egypt	2	1			
Gold Coast	11	0			
Liberia	4	4			
Belgian Congo	32	18			
Union of South Africa	198	154			
Other countries	36	65			
Total	27,202	10,602			
Tomato paste and puree:					
Canada	5,446	4,999			
Newfoundland and Labrador	8	3			
Latin American Republics: ²					
Mexico	649	1,858			
Guatemala	13	27			
Honduras	154	151			
Nicaragua	22	9			
Costa Rica	25	54			
Panama Republic	586	538			
Canal Zone	449	667			
Cuba	4,524	10,058			
Haiti	23	13			
Dominican Republic	370	496			
Colombia	288	359			
Venezuela	181	106			
Ecuador	18	45			
Tomato paste and puree—Con.					
L. A. Republics—Continued					
Peru	21	61			
Bolivia	25	61			
Brazil	139	47			
Other L. A. Republics	7	4			
Total L. A. Republics	7,494	14,554			
British West Indies ⁴	25	68			
British Honduras	29	4			
Curacao (N. W. I.)	402	166			
Europe—					
Iceland	20	75			
Sweden	8	43			
United Kingdom	(⁹)	(⁹)			
Eire (Ireland)	65	0			
Netherlands	0	54			
Belgium and Luxembourg	530	609			
France	6	0			
Germany	124	55			
Switzerland	0	(⁹)			
Italy	10	12			
Yugoslavia	10	2			
Greece	21	85			
Other Europe	0	0			
Total Europe	784	935			
Saudi Arabia	21	87			
India ⁷	3	0			
Pakistan	(⁹)	12 0			
Siam (Thailand)	4	5			
Syria ¹⁰	(⁹)	1 8			
Lebanon	(⁹)	12 1			
Republic of Philippines	2,478	2,380			
China	87	(⁹)			
Hong Kong	15	16			
Japan	346	46			
French Pacific Islands	296	207			
Liberia	74	29			
Belgian Congo	43	5			
Union of South Africa	9	273			
Other countries	14	93			
Total	17,579	23,879			
Canned vegetables and juices,					
n.e.s.:					
Canada	5,355	486			
Newfoundland and Labrador	202	90			
Latin American Republics: ²					
Mexico	486	266			
Guatemala	44	31			
Honduras	20	15			
Nicaragua	36	33			
Costa Rica	25	11			
Panama Republic	196	216			
Canal Zone	810	1,259			
Cuba	546	633			
Dominican Republic	47	21			
Colombia	175	208			
Venezuela	1,185	1,431			
Peru	97	35			
Bolivia	9	11			
Brazil	1,683	1,152			
Other L. A. Republics	116	53			
Total L. A. Republics	5,475	5,375			
British West Indies ⁴	452	240			
Curacao (N. W. I.)	607	494			
British Guiana	12	12			

See footnotes on page 549.

TABLE 612.—Exports (domestic) of principal agricultural products from the United States, by countries of destination, fiscal years 1946-47 and 1947-48¹—Continued

Commodity exported and country of destination	Year beginning July 1—		Commodity exported and country of destination	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued			Canned vegetables and juices, n.e.s.—Continued	1,000 pounds	1,000 pounds
Vegetables, canned—Continued			Europe—Continued		
Canned vegetables and juices, n.e.s.—Continued			Greece.....	801	2
Surinam.....	16	26	Other Europe.....	0	0
French Guiana.....	0	26	Total Europe.....	7,269	12,756
Europe—			Syria ¹⁰	5	59
Iceland.....	31	3	Lebanon.....	(⁹)	12 38
Sweden.....	225	44	Saudi Arabia.....	409	927
Norway.....	0	7	India ⁷	637	2
Denmark.....	0	2	Pakistan.....	(⁹)	12 0
United Kingdom.....	880	197	Palestine ⁵	0	35
Eire (Ireland).....	(³)	0	Trans-Jordan.....	(⁹)	12 1
Netherlands.....	14	447	Siam (Thailand).....	1	1
Belgium and Luxembourg.....	345	11,171	British Malaya.....	16	8
France.....	39	61	Netherlands East Indies.....	728	112
Germany.....	154	71	Republic of Philippines.....	1,200	944
Austria.....	720	16	China.....	182	3
Czechoslovakia.....	425	0	Hong Kong.....	56	62
Hungary.....	71	0	Japan.....	29	478
Switzerland.....	7	416	French Pacific Islands.....	110	65
Finland.....	73	67	Egypt.....	3	7
Poland and Danzig.....	2,426	35	Liberia.....	32	20
U. S. S. R.....	226	(³)	Belgian Congo.....	79	30
Azores.....	5	2	Union of South Africa.....	706	112
Portugal.....	6	4	Other countries.....	166	123
Italy.....	413	180	Total.....	23,747	22,532
Yugoslavia.....	408	31			
Albania.....	0	(³)			

¹ Preliminary.

² The Latin American Republics include Costa Rica, Guatemala, Honduras, Nicaragua, Panama Republic, Canal Zone, El Salvador, Mexico, Cuba, Dominican Republic, Haiti, Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela.

³ Less than 500.

⁴ The British West Indies include the Bahamas, Bermuda, Barbados, Jamaica, Trinidad and Tobago, and the Windward and Leeward Islands.

⁵ Prior to 1948 includes Trans-Jordan.

⁶ Not separately reported prior to 1948.

⁷ Prior to 1948 includes Pakistan.

⁸ Spanish Africa includes Canary Islands and other Spanish Africa.

⁹ Prior to 1948 includes Trieste.

¹⁰ Prior to 1948 includes Lebanon.

¹¹ British West Africa includes Gold Coast, Nigeria, and other British West Africa.

¹² January-June.

¹³ Prior to 1948 includes Angola.

¹⁴ Less than ½ ton.

¹⁵ Excludes apricot and peach pits and kernels.

Office of Foreign Agricultural Relations. Compiled from official records, Bureau of the Census.

GENERAL NOTE.—Export statistics appearing in this table include commercial, Economic Co-operation Administration, United States Foreign Relief, Interim Aid, Greek-Turkish Aid, UNRRA, and Lend-Lease. Beginning January 1, 1947, they also include exports under the Army Civilian Supply Program for which comparable data for earlier years are not available at the Bureau of the Census. Excluded from the export figures are shipments to the United States armed forces abroad for their own use, shipments between continental United States and the territories and possessions, and shipments between the territories and possessions.

The term "n.e.s." means "not elsewhere specified."

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS			Cheese—Continued		
Cattle (dutiable by weight):	<i>Thou-</i>	<i>Thou-</i>	Cheddar:	<i>1,000</i>	<i>1,000</i>
Less than 200 pounds each:	<i>sands</i>	<i>sands</i>	Canada.....	<i>pounds</i>	<i>pounds</i>
Canada.....	8	10	Argentina.....	10	6
Other countries.....	0	0	Other countries.....	(?)	12
Total.....	8	10	Total.....	10	18
200 to 700 pounds each:			Blue-mold:		
Canada.....	2	2	Canada.....	(?)	40
Mexico.....	139	0	Argentina.....	0	47
Other countries.....	0	0	Europe—		
Total.....	141	2	Denmark.....	(?)	291
700 pounds each, or over:			Norway.....	0	2
Cows for dairy purposes:			France.....	0	9
Canada.....	54	64	Italy.....	0	85
Mexico.....	(?)	0	Other Europe.....	(?)	(?)
Other countries.....	0	(?)	Total Europe.....	(?)	387
Total.....	54	64	Other countries.....	0	0
Other cattle (dutiable):			Total.....	(?)	474
Canada.....	(?)	(?)	Goya:		
Mexico.....	16	0	Argentina.....	0	8
Other countries.....	(?)	(?)	Other countries.....	0	0
Total.....	16	(?)	Total.....	0	8
Cattle (free of duty):			Edam and Gouda:		
Canada.....	27	41	Cuba.....	76	0
Mexico.....	(?)	0	Argentina.....	282	381
Other countries.....	(?)	(?)	Europe—		
Total.....	27	41	Norway.....	3	3
Butter:	<i>1,000</i>	<i>1,000</i>	Netherlands.....	189	170
Canada.....	<i>pounds</i>	<i>pounds</i>	Czechoslovakia.....	0	2
Latin American Republics ³	4	4	Other Europe.....	(?)	(?)
Denmark.....	5	(?)	Total Europe.....	192	175
United Kingdom.....	621	44	Other countries.....	1	0
Other Europe.....	(?)	1	Total.....	551	556
Total Europe.....	621	45	Provoloni:		
Syria.....	(?)	(?)	Argentina.....	70	103
India.....	0	(?)	Italy.....	1	230
New Zealand.....	9,998	1	Turkey.....	1	0
Other countries.....	(?)	0	Other countries.....	(?)	0
Total.....	10,628	50	Total.....	72	333
Cheese:			Provolette:		
Swiss, Emmenthaler, with eye formation:			Argentina.....	0	3
Denmark.....	(?)	49	Other countries.....	0	0
Switzerland.....	6	1,193	Total.....	0	3
Other countries.....	(?)	9	Reggiano:		
Total.....	6	1,251	Brazil.....	0	22
Swiss, Gruyere, process cheese:			Argentina.....	1,443	883
Argentina.....	589	100	Italy.....	(?)	92
Other L. A. Republics ³	0	(?)	Other countries.....	0	0
Denmark.....	0	1	Total.....	1,443	997
Netherlands.....	0	1	Parmesan:		
Switzerland.....	0	585	Italy.....	(?)	19
Other countries.....	(?)	1	Greece.....	(?)	0
Total.....	589	688	Other countries.....	0	0
			Total.....	(?)	19

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued					
Cheese—Continued					
Romano:	1,000	1,000	Eggs in the shell:	1,000	1,000
Argentina.....	pounds	pounds	Canada.....	dozen	dozen
Spain.....	8,229	5,208	Dominican Republic.....	573	647
Italy.....	5	0	China.....	62	0
Other countries.....	906	2,117	Hong Kong.....	60	155
.....	(?)	24	Other countries.....	7	(?)
.....				
Total.....	9,140	7,349	Total.....	711	819
Pecorino:			Eggs, whole, dried:	1,000	1,000
Argentina.....	65	121	Canada.....	pounds	pounds
Italy.....	907	2,034	China.....	1	(?)
Other countries.....	(?)	0	Other countries.....	(?)	(?)
.....			.....	1	0
Total.....	972	2,155	Egg albumen, dried:		
Roquefort:			Canada.....	2	117
Canada.....	0	(?)	China.....	(?)	(?)
France.....	489	399	Other countries.....	0	0
Other countries.....	1	0	.....	
.....			Yolks, dried:		
Total.....	490	399	China.....	(?)	(?)
Sbrinz:			Other countries.....	(?)	(?)
Argentina.....	1,339	1,254	.....	
Other countries.....	0	0	Total.....	4	117
.....			Eggs, whole, frozen:		
Total.....	1,339	1,254	China.....	2	5
Other cheese:			Hong Kong.....	(?)	1
Canada.....	123	90	Other countries.....	(?)	0
Latin American Republics: ³			Egg albumen, frozen:		
Mexico.....	328	141	Canada.....	0	(?)
Dominican Republic.....	458	79	Other countries.....	0	0
Argentina.....	17	123	Egg yolks, frozen:		
Other L. A. Republics.....	9	0	China.....	(?)	0
.....			Hong Kong.....	0	(?)
Total L. A. Republics.....	812	343	Other countries.....	0	0
Europe—			.....	
Norway.....	26	226	Total.....	2	6
Denmark.....	(?)	1	Beef, canned, including corned:		
Netherlands.....	3	5	Canada.....	1	13
Switzerland.....	89	25	Brazil.....	(?)	7,627
Italy.....	5	722	Paraguay.....	0	50
Greece.....	4	2	Uruguay.....	1	9,582
Other Europe.....	(?)	(?)	Argentina.....	4,082	57,854
.....			Other countries.....	0	(?)
Total Europe.....	127	981	.....	
Other countries.....	(?)	18	Total.....	4,084	75,126
.....			Sausage casings:		
Total.....	1,062	1,432	Canada.....	5,546	5,378
Casein or lactarene:			Latin American Republics: ³		
Canada.....	381	2,478	Mexico.....	5	(?)
Latin American Republics: ³			Ecuador.....	0	4
Haiti.....	4	9	Peru.....	7	13
Brazil.....	0	181	Chile.....	684	390
Uruguay.....	0	187	Brazil.....	1,436	726
Argentina.....	27,644	31,871	Uruguay.....	1,538	949
Other L. A. Republics.....	0	0	Argentina.....	9,499	6,409
.....			Other L. A. Republics.....	495	215
Total L. A. Republics.....	27,648	32,248	Total L. A. Republics.....	13,664	8,706
Australia.....	75	126	Europe—		
New Zealand.....	574	128	Sweden.....	782	800
Other countries.....	0	4	Denmark.....	1,081	806
.....			Belgium and Luxembourg.....	0	50
Total.....	28,678	34,984	U. S. S. R.....	196	262
			Greece.....	7	13
			Other Europe.....	11	48
			Total Europe.....	2,077	1,979

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued	1,000	1,000		1,000	1,000
Sausage casings—Continued:	pounds	pounds		pounds	pounds
Turkey.....	101	194	Hides and skins, raw (ex. furs):		
Syria ⁴	101	65	Cattle hides:		
Lebanon.....	(⁵)	⁶ 120	Canada.....	642	24, 248
Iraq.....	266	254	Newfoundland and Labrador.....	215	284
Iran (Persia).....	505	406	Latin American Republics: ³		
Palestine.....	13	23	Mexico.....	841	2, 892
India ⁷	65	16	Honduras.....	(²)	4
Pakistan.....	(⁵)	⁶ 36	Nicaragua.....	31	157
China.....	262	431	Panama Republic.....	61	286
Australia.....	786	474	Canal Zone.....	89	85
New Zealand.....	1, 230	1, 018	Dominican Republic.....	0	10
Egypt.....	59	51	Cuba.....	655	1, 329
Other countries.....	71	3	Colombia.....	2, 557	1, 112
Total.....	24, 746	19, 154	Bolivia.....	390	110
Beeswax:			Brazil.....	13, 466	8, 238
Canada.....	4	3	Paraguay.....	132	233
Latin American Republics: ³			Uruguay.....	3, 014	1, 484
Mexico.....	25	29	Argentina.....	22, 436	57, 332
Guatemala.....	54	78	Other L. A. Republics.....	124	302
El Salvador.....	14	9	Total L. A. Republics.....	43, 796	73, 545
Cuba.....	575	552	British West Indies ⁹	27	30
Haiti.....	130	121	Europe—		
Dominican Republic.....	498	423	Sweden.....	0	66
Chile.....	542	279	Denmark.....	0	25
Brazil.....	597	789	United Kingdom.....	44	68
Other L. A. Republics.....	41	0	Italy.....	498	939
Total L. A. Republics.....	2, 476	2, 280	Other Europe.....	23	82
Spain.....	55	0	Total Europe.....	565	1, 180
Portugal.....	54	55	Pakistan.....	(²)	⁶ 381
Turkey.....	76	33	India ⁷	191	133
Iran (Persia).....	20	14	Burma.....	0	716
Egypt.....	74	194	Siam (Thailand).....	292	1, 650
Anglo-Egyptian Sudan.....	254	0	British Malaya.....	7	6
Angola.....	(³)	² 22	Netherlands East Indies.....	0	23
Portuguese Guinea ⁸	849	6	Republic of Philippines.....	54	0
Eastern Italian Africa.....	15	0	Australia.....	688	217
Ethiopia.....	855	803	New Zealand.....	908	108
British Somaliland.....	22	0	French Pacific Islands.....	0	4
British East Africa.....	60	33	Nigeria.....	97	0
Mozambique.....	79	0	Ethiopia.....	320	552
Other countries.....	17	86	British Somaliland.....	0	160
Total.....	4, 910	3, 529	British East Africa.....	65	136
Honey:			Union of South Africa.....	560	899
Canada.....	(²)	7	Southern Rhodesia.....	73	0
Latin American Republics: ³			Other countries.....	38	105
Mexico.....	7, 269	2, 913	Total.....	48, 538	104, 377
Guatemala.....	1, 135	481	Calf skins:		
El Salvador.....	775	152	Canada.....	236	1, 140
Honduras.....	0	4	Latin American Republics: ³		
Costa Rica.....	397	31	Mexico.....	69	10
Cuba.....	9, 239	3, 420	Honduras.....	1	2
Haiti.....	497	213	Cuba.....	116	0
Dominican Republic.....	869	207	Colombia.....	0	(²)
Chile.....	2, 638	96	Brazil.....	91	0
Brazil.....	47	6	Argentina.....	110	44
Argentina.....	3, 947	1, 051	Other L. A. Republics.....	19	1
Other L. A. Republics.....	0	0	Total L. A. Republics.....	406	57
Total L. A. Republics.....	26, 813	8, 574	Europe—		
British West Indies ⁹	12	0	Iceland.....	10	4
Surinam.....	62	0	Norway.....	80	28
Greece.....	12	2	United Kingdom.....	1	1
Syria.....	1	(²)	Belgium and Luxembourg.....	0	66
Other countries.....	6	(²)	Finland.....	11	99
Total.....	26, 906	8, 583	Italy.....	0	191
			Other Europe.....	0	1
			Total Europe.....	102	390

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued					
Hides and skins, raw, (except furs)				1,000	1,000
—Continued				pounds	pounds
Calf skins—Continued			Horse, colt, and ass hides:		
Arabia Peninsula States.....	17	28	Canada.....	1,640	4,824
Aden.....	0	1	Newfoundland and Labrador.....	4	5
India ⁷	528	190	Mexico.....	509	0
Pakistan.....	(⁵)	673	Brazil.....	577	0
China.....	0	4	Argentina.....	9,719	3,954
Australia.....	10	(²)	Europe—		
New Zealand.....	68	1,248	Norway.....	408	0
Eastern Italian Africa.....	0	14	United Kingdom.....	459	435
Ethiopia.....	58	66	Eire.....	60	122
British East Africa.....	0	141	Belgium and Luxembourg.....	52	356
Union of South Africa.....	266	418	Other Europe.....	570	0
Other countries.....	1	72	Total Europe.....	1,549	913
Total.....	1,692	3,842	Australia.....	939	347
			New Zealand.....	221	59
			Other countries.....	0	56
			Total.....	15,158	10,158
Kip skins:					
Canada.....	714	431	Hair sheep and cabretta skins:		
Latin American Republics: ³			Latin American Republics: ³		
Mexico.....	103	100	Venezuela.....	0	(²)
Brazil.....	41	1,077	Brazil.....	2,043	2,864
Uruguay.....	155	117	Argentina.....	240	0
Argentina.....	378	540	Other L. A. Republics.....	1	0
Other L. A. Republics.....	2	0	Total L. A. Republics.....	2,284	2,864
Total L. A. Republics.....	679	1,834			
Norway.....	18	0	British West Indies ⁹	18	14
Arabia Peninsula States.....	72	0	Europe—		
India ⁷	325	137	Eire (Ireland).....	43	0
Pakistan.....	(⁵)	90	U. S. S. R.....	116	0
Siam (Thailand).....	2	632	Spain.....	191	0
China.....	(²)	26	Malta, Gozo and Cyprus.....	47	0
Libya.....	9	0	Other Europe.....	22	0
Ethiopia.....	189	49	Total Europe.....	419	0
British East Africa.....	11	23			
Union of South Africa.....	168	39	Turkey.....	542	33
Other countries.....	0	87	Iraq.....	87	4
Total.....	2,187	3,348	Iran (Persia).....	252	0
			Saudi Arabia.....	55	128
India water buffalo hides:			Arabia Peninsula States.....	101	185
United Kingdom.....	36	70	India ⁷	1,359	11
Australia.....	12	0	Burma.....	0	1
India ⁷	186	91	China.....	283	0
Pakistan.....	(⁵)	258	New Zealand.....	559	0
Burma.....	14	309	Anglo-Egyptian Sudan.....	228	945
Siam (Thailand).....	482	359	Nigeria.....	1,226	479
British Malaya.....	50	72	Ethiopia.....	499	262
Netherlands East Indies.....	11	15	French Somaliland.....	0	5
Republic of Philippines.....	215	0	British Somaliland.....	325	467
China.....	44	389	British East Africa.....	226	168
Hong Kong.....	3	23	Union of South Africa.....	1,107	2,219
British East Africa.....	17	0	Other countries.....	133	20
Other countries.....	0	0	Total.....	9,703	7,805
Total.....	1,070	1,616			
			Sheep and lamb skins:		
Other buffalo hides:			Canada.....	227	912
India ⁷	1,577	1,282	Latin American Republics: ³		
Pakistan.....	(⁵)	1,044	Peru.....	644	2
Siam (Thailand).....	71	178	Chile.....	2,371	2,250
Netherlands East Indies.....	30	73	Brazil.....	169	420
Republic of Philippines.....	486	305	Uruguay.....	2,068	2,750
China.....	26	50	Argentina.....	12,898	23,590
Australia.....	19	0	Other L. A. Republics.....	0	(²)
British East Africa.....	2	2	Total L. A. Republics.....	18,150	29,012
Other countries.....	0	20			
Total.....	2,211	2,954			

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued					
Hides and skins, raw—Continued					
Sheep and lamb skins—Continued					
British West Indies ²	1	8			
Europe—					
Sweden.....	19	(²)			
United Kingdom.....	632	863			
Eire (Ireland).....	48	0			
Netherlands.....	2	50			
Spain.....	2	58			
Other Europe.....	16	19			
Total Europe.....	719	990			
Turkey.....	1,287	249			
Iraq.....	140	67			
Iran (Persia).....	206	502			
Saudi Arabia.....	69	27			
Arabia Peninsula States.....	73	22			
India ⁷	2,920	93			
Pakistan.....	(⁵)	⁶ 231			
China.....	(²)	(²)			
Australia.....	20,729	1,924			
New Zealand.....	16,280	18,908			
French Morocco.....	3	0			
Egypt.....	89	0			
Anglo-Egyptian Sudan.....	482	288			
Nigeria.....	90	227			
Ethiopia.....	288	289			
British Somaliland.....	252	242			
British East Africa.....	77	138			
Union of South Africa.....	2,188	405			
Other countries.....	125	44			
Total.....	64,395	54,778			
Goat and kid skins:					
Latin American Republics: ³					
Mexico.....	305	453			
Haiti.....	499	618			
Dominican Republic.....	75	167			
Colombia.....	343	245			
Venezuela.....	1,600	1,095			
Peru.....	1,484	5,178			
Chile.....	241	51			
Brazil.....	4,401	5,157			
Argentina.....	3,197	3,801			
Other L. A. Republics.....	(²)	16			
Total L. A. Republics.....	12,145	13,081			
British West Indies ²	217	218			
Curacao (N. W. I.).....	39	29			
Europe—					
Norway.....	3	7			
Belgium and Luxembourg.....	11	33			
U. S. S. R.....	217	184			
Spain.....	3	(²)			
Malta, Gozo and Cyprus.....	58	3			
Italy.....	55	47			
Yugoslavia.....	232	548			
Bulgaria.....	0	100			
Other Europe.....	0	185			
Total Europe.....	579	1,107			
Turkey.....	408	290			
Syria ⁴	47	128			
Lebanon.....	(⁵)	⁶ 18			
Iraq.....	3	96			
Iran (Persia).....	1,653	2,092			
Saudi Arabia.....	109	119			
Arabia Peninsula States.....	1,282	645			
Aden.....	22	98			
Goat and kid skins—Continued					
India ⁷	24,125	23,118			
Pakistan.....	(⁵)	⁶ 4,399			
Netherlands East Indies.....	2	29			
China.....	1,165	2,888			
Australia.....	206	50			
French Morocco.....	69	357			
Tangier.....	0	210			
Algeria.....	20	(²)			
Libya.....	153	441			
Anglo-Egyptian Sudan.....	276	150			
Spanish Africa.....	0	66			
Nigeria.....	1,664	4,361			
Belgian Congo.....	74	385			
Eastern Italian Africa.....	829	1,038			
Ethiopia.....	2,993	3,613			
British Somaliland.....	1,595	1,165			
British East Africa.....	453	1,306			
Union of South Africa.....	3,297	1,731			
Other countries.....	89	90			
Total.....	53,514	63,318			
Kangaroo or wallaby skins:					
Australia.....	2,664	953			
Other countries.....	0	(²)			
Total.....	2,664	953			
Deer and elk, buck, doe skins:					
Canada.....	2	335			
Latin American Republics: ³					
Mexico.....	11	(²)			
Guatemala.....	28	39			
Honduras.....	148	110			
Nicaragua.....	193	84			
Colombia.....	37	8			
Venezuela.....	6	13			
Ecuador.....	50	27			
Peru.....	61	61			
Brazil.....	763	678			
Argentina.....	7	3			
Other L. A. Republics.....	1	1			
Total L. A. Republics.....	1,305	1,624			
Europe—					
Sweden.....	3	0			
Norway.....	36	0			
United Kingdom.....	24	40			
Gibraltar.....	0	13			
Other Europe.....	11	22			
Total Europe.....	74	75			
Siam.....	139	174			
China.....	70	314			
Australia.....	53	63			
New Zealand.....	423	228			
French Pacific Islands.....	29	59			
East Italian Africa.....	34	13			
British Somaliland.....	169	54			
Other countries.....	58	25			
Total.....	2,356	2,364			
Other hides and skins:					
Canada.....	41	54			
Latin American Republics: ³					
Mexico.....	31	12			
Honduras.....	17	10			
Nicaragua.....	24	8			

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued			Wool, unmanufactured—Con.		
Hides and skins, raw (except furs)			Donskoi, Smyrna, etc.—Con.		
—Continued			Free in bond for manufacture in	1,000	1,000
Other hides and skins—Continued	1,000	1,000	carpets, etc.—Continued	pounds	pounds
L. A. Republics—Continued	pieces	pieces	Turkey.....	1,420	877
Colombia.....	79	58	Syria ⁴	12,309	9,167
Ecuador.....	31	22	Lebanon.....	(⁵)	⁶ 2,963
Peru.....	103	87	Iraq.....	9,883	9,789
Brazil.....	813	649	Iran (Persia).....	754	192
Paraguay.....	12	17	Palestine.....	349	74
Uruguay.....	3	34	Saudi Arabia.....	0	32
Argentina.....	117	73	Afghanistan.....	957	2,817
Other L. A. Republics.....	17	31	India ⁷	23,860	25,252
Total L. A. Republics.....	1,247	1,001	Pakistan.....	(⁵)	⁶ 8,279
Italy.....	5	16	China.....	6,118	11,399
Siam.....	0	(²)	New Zealand.....	8,028	5,971
China.....	(²)	0	Egypt.....	1,081	1,049
Australia.....	3	0	Union of South Africa.....	458	1,326
Belgian Congo.....	2	10	Other countries.....	109	193
British Somaliland.....	16	22	Total.....	116,532	144,387
British East Africa.....	28	2	Donskoi, Smyrna, etc.:		
Union of South Africa.....	4	7	Ordinarily dutiable:		
Other countries.....	17	17	Latin American Republics: ³		
Total.....	1,363	1,129	Brazil.....	(²)	0
Silk, raw, in skeins reeled from the	1,000	1,000	Argentina.....	1,662	434
cocoons:	pounds	pounds	Other L. A. Republics.....	0	0
Brazil.....	29	0	Total L. A. Republics.....	1,662	434
Switzerland.....	0	15	Europe—		
Italy.....	790	696	Iceland.....	349	11
China.....	436	227	United Kingdom.....	39	39
Japan.....	7,092	2,558	Eire (Ireland).....	29	0
Other countries.....	1	1	Other Europe.....	0	3
Total.....	8,348	3,497	Total Europe.....	417	53
Wool, unmanufactured:			Syria.....	4	0
Free in bond for manufacture in			Iraq.....	1	10
carpets, etc. (Complementary)	194,024	298,139	India ⁷	152	129
Other wool (Supplementary).....	659,695	426,746	Pakistan.....	(³)	⁶ 3
Total wool, unmanufactured.....	853,719	724,885	China.....	31	13
Wool, unmanufactured:			New Zealand.....	6	0
Donskoi, Smyrna, etc.:			Libya.....	(²)	(²)
Free in bond for manufacture in			Union of South Africa.....	0	6
carpets, etc.:			Other countries.....	4	1
Canada.....	0	18	Total.....	2,277	649
Latin American Republics: ³			Other wools not finer than 40's:		
Brazil.....	446	679	Free in bond for manufacture in		
Uruguay.....	185	317	carpets, etc.:		
Argentina.....	46,151	55,496	Canada.....	58	0
Other L. A. Republics.....	73	0	Latin American Republics: ³		
Total L. A. Republics.....	46,855	56,492	Peru.....	0	(²)
Europe—			Brazil.....	5	132
Iceland.....	331	340	Uruguay.....	528	662
Sweden.....	12	26	Argentina.....	66,201	141,608
United Kingdom.....	773	265	Other L. A. Republics.....	0	0
Eire (Ireland).....	1,867	514	Total L. A. Republics.....	66,734	142,402
Netherlands.....	33	(²)	Europe—		
France.....	0	239	Sweden.....	100	56
U. S. S. R.....	50	3,045	United Kingdom.....	706	447
Portugal.....	44	1,590	Eire (Ireland).....	272	53
Malta, Gozo and Cyprus.....	374	259	Belgium and Luxembourg.....	0	15
Italy.....	855	2,158	France.....	0	96
Other Europe.....	12	61	Portugal.....	22	0
Total Europe.....	4,351	8,497	Italy.....	232	281
			Other Europe.....	0	13
			Total Europe.....	1,332	961

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued					
Wool, unmanufactured—Continued					
Other wools not finer than 40's—Continued					
Free in bond for manufacture in carpets, etc.—Continued	1,000 pounds	1,000 pounds			
Syria.....	306	6	Woolen type, finer than 40's (clothing wool):	1,000 pounds	1,000 pounds
Iraq.....	54	20	Canada.....	76	32
India.....	1,876	238	Latin American Republics: ³		
Pakistan.....	(⁴)	⁶ 50	Peru.....	349	1,247
China.....	121	192	Chile.....	650	198
Australia.....	6	0	Brazil.....	86	392
New Zealand.....	6,138	9,629	Uruguay.....	4,386	3,245
Libya.....	0	4	Argentina.....	18,631	17,789
Ethiopia.....	0	1	Other L. A. Republics.....	0	59
Union of South Africa.....	22	43	Total L. A. Republics.....	24,102	22,930
Other countries.....	98	2			
Total.....	76,745	153,548	Europe—		
			United Kingdom.....	48	46
Other wools not finer than 40's:			Eire (Ireland).....	86	100
Ordinarily dutiable:			Italy.....	0	16
Canada.....	69	60	Other Europe.....	0	14
Latin American Republics: ³			Total Europe.....	134	176
Chile.....	0	24			
Brazil.....	0	11	Australia.....	5,109	1,270
Uruguay.....	771	517	New Zealand.....	12,350	4,593
Argentina.....	49,490	30,908	Union of South Africa.....	3,190	1,331
Other L. A. Republics.....	0	0	Other countries.....	0	0
Total L. A. Republics.....	50,261	31,460	Total.....	44,961	30,332
Europe—					
Iceland.....	120	21	Worsted type, finer than 40's (combing wool):		
Eire (Ireland).....	228	257	Canada.....	2,474	1,813
United Kingdom.....	0	76	Latin American Republics: ³		
Other Europe.....	0	0	Peru.....	61	244
Total Europe.....	348	354	Chile.....	13,151	5,037
			Brazil.....	1,112	4,635
India.....	7	20	Uruguay.....	59,553	100,921
China.....	1	(²)	Argentina.....	37,140	50,883
Australia.....	108	105	Other L. A. Republics.....	0	102
New Zealand.....	1,265	349	Total L. A. Republics.....	111,017	161,822
Libya.....	(²)	0	Europe—		
Union of South Africa.....	(²)	32	United Kingdom.....	1,359	190
Other countries.....	0	0	Eire (Ireland).....	68	83
Total.....	52,059	32,380	Belgium and Luxembourg.....	7	10
			Italy.....	0	152
Hair of the camel:			Other Europe.....	0	47
Free in bond for manufacture in carpets, etc.:			Total.....	1,434	482
U. S. S. R.....	182	45	Australia.....	320,562	147,844
Iraq.....	0	45	New Zealand.....	36,846	16,795
Iran (Persia).....	29	34	British East Africa.....	300	13
Afghanistan.....	0	35	Union of South Africa.....	79,681	30,693
China.....	536	46	Other countries.....	6	0
Other countries.....	0	0	Total.....	552,320	359,462
Total.....	747	205			
			Hair of the Angora (mohair), Alpaca, etc.:		
Hair of the camel:			Canada.....	16	5
Ordinarily dutiable:			Latin American Republics: ³		
U. S. S. R.....	448	33	Mexico.....	134	9
Iraq.....	2	0	Peru.....	2,306	1,747
Iran (Persia).....	22	0	Bolivia.....	2	1
Afghanistan.....	34	0	Chile.....	26	2
China.....	218	42	Argentina.....	309	82
Other countries.....	6	0	Other L. A. Republics.....	0	0
Total.....	730	75	Total L. A. Republics.....	2,777	1,841

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48 ¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
ANIMAL PRODUCTS—Continued			Coffee—Continued:		
Wool, unmanufactured—Continued			Latin American Republics:—Con.	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Hair of the Angora (mohair), Alpaca, etc.—Continued			Colombia.....	684,723	639,410
Europe.....			Venezuela.....	84,970	71,393
Sweden.....	22	0	Ecuador.....	6,974	16,795
Denmark.....	19	5	Peru.....	269	1,604
United Kingdom.....	11	17	Brazil.....	1,233,363	1,472,323
Belgium and Luxembourg.....	(²)	16	Argentina.....	0	450
France.....	11	8	Other L. A. Republics.....	1,303	287
U. S. S. R.....	323	389	Total L. A. Republics.....	2,413,504	2,624,423
Italy.....	46	34			
Other Europe.....	(²)	0	Arabia Peninsula States.....	1,807	4,246
Total Europe.....	421	469	Saudi Arabia.....	205	225
			British Malaya.....	0	32
Turkey.....	254	103	Netherlands East Indies.....	49	89
Iran (Persia).....	330	163	Angola.....	(³)	⁶ 12,819
China.....	73	811	Portuguese Guinea ⁴	52,708	15,016
Japan.....	7	3	Belgian Congo.....	5,809	17,785
Australia.....	2,646	311	Ethiopia.....	986	4,915
Union of South Africa.....	823	120	British East Africa.....	0	2,453
Other countries.....	1	22	Other countries.....	487	176
Total.....	7,348	3,848	Total.....	2,475,555	2,682,179
VEGETABLE PRODUCTS			Fibers:		
Cocoa or cacao beans and shells:			Cotton, raw: ¹⁰		
Canada.....	200	353	Latin American Republics: ³	<i>Bales</i>	<i>Bales</i>
Latin American Republics: ³			Mexico.....	18,846	75,099
Mexico.....	312	9,988	Peru.....	45,095	24,027
Guatemala.....	14	367	Brazil.....	930	798
Honduras.....	2	9	Other L. A. Republics.....	20	125
Nicaragua.....	640	446	Total L. A. Republics.....	64,891	100,049
Costa Rica.....	250	4,382	U. S. S. R.....	11	2,279
Panama Republic.....	4,628	5,879	India ⁷	102,920	88,106
Canal Zone.....	79	142	Pakistan.....	(⁵)	⁶ 14,414
Cuba.....	0	1,437	Egypt.....	134,005	86,082
Haiti.....	4,962	3,933	Anglo-Egyptian Sudan.....	2	10,689
Dominican Republic.....	62,647	55,635	Other countries.....	1,700	0
Venezuela.....	22,288	28,846	Total.....	303,529	301,619
Ecuador.....	24,401	24,817	Cotton linters: ¹⁰		
Brazil.....	138,152	143,917	Latin American Republics: ³		
Other L. A. Republics.....	0	0	Mexico.....	39,429	32,502
Total L. A. Republics.....	258,375	279,798	Guatemala.....	61	154
British West Indies ⁹	9,064	12,069	El Salvador.....	224	871
Portugal.....	3	2,935	Ecuador.....	8	18
New Zealand.....	1,267	3,411	Peru.....	1,629	593
Spanish Africa.....	0	6,660	Brazil.....	26,568	20,636
French West Africa.....	20,438	5,087	Other L. A. Republics.....	5,515	2,699
Gold Coast.....	138,804	190,854	Total L. A. Republics.....	73,434	57,473
Nigeria.....	137,567	60,159	U. S. S. R.....	24,484	62,702
Angola.....	(⁵)	⁶ 633	Other countries.....	339	1,110
Portuguese Guinea ⁴	0	7,893	Total.....	98,257	121,285
Liberia.....	0	53			
Madagascar.....	0	66	Crin vegetal:		
Union of South Africa.....	0	2,016	Argentina.....	732	34
Other countries.....	2,766	3,323	French Morocco.....	1,890	1,264
Total.....	568,484	575,310	Tangier.....	835	364
Coffee:			Other countries.....	252	93
Latin American Republics: ³			Total.....	3,709	1,755
Mexico.....	53,701	78,596			
Guatemala.....	107,176	102,193	Flax, unmanufactured:		
El Salvador.....	145,901	120,436	Canada.....	1,429	705
Honduras.....	2,533	5,839	Europe—		
Nicaragua.....	25,253	30,391	United Kingdom.....	779	17
Costa Rica.....	24,825	47,596			
Haiti.....	17,812	14,892			
Dominican Republic.....	24,701	22,148			

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48 ¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fibers—Continued					
Flax, unmanufactured—Con.					
Europe—Continued					
Netherlands.....	238	68			
Belgium and Luxembourg.....	2,176	1,145			
U. S. S. R.....	759	415			
Other Europe.....	0	0			
Total Europe.....	3,952	1,645			
Other countries.....	292	51			
Total.....	5,673	2,401			
Hemp, unmanufactured:					
Chile.....	15	15			
Italy.....	31	0			
Republic of Philippines.....	0	87			
Other countries.....	0	(¹¹)			
Total.....	46	102			
Istle or Tampico:					
Mexico.....	10,739	12,226			
Other countries.....	2	0			
Total.....	10,741	12,226			
Jute and jute butts, unmanufactured:					
Belgium and Luxembourg.....	0	60			
India ⁷	35,419	60,017			
Pakistan.....	(⁶)	⁶ 13,690			
Other countries.....	45	70			
Total.....	35,464	73,837			
Kapok:					
Dominican Republic.....	44	12			
Ecuador.....	497	402			
Siam.....	0	107			
Netherlands East Indies.....	261	583			
Republic of Philippines.....	52	120			
China.....	31	19			
Other countries.....	119	132			
Total.....	1,004	1,375			
Manila or abaca:					
Latin American Republics ³					
Guatemala.....	1,628	4,824			
Honduras.....	1,794	3,856			
Costa Rica.....	2,034	5,322			
Panama Republic.....	3,701	3,560			
Canal Zone.....	196	18			
Other L. A. Republics.....	0	628			
Total L. A. Republics.....	9,353	18,208			
British Malaya.....	157	51			
Netherlands East Indies.....	38	215			
Republic of Philippines.....	45,929	64,122			
Other countries.....	0	99			
Total.....	55,477	82,695			
New Zealand fiber.....	0	0			
Sisal and henequen:					
Canada.....	372	45			
Latin American Republics: ³					
Mexico.....	56,736	65,232			
Cuba.....	416	6,395			
Haiti.....	17,861	23,847			
Venezuela.....	198	131			
Sisal and henequen—Continued					
L. A. Republics—Continued					
Brazil.....	504	7,812			
Other L. A. Republics.....	0	264			
Total L. A. Republics.....	75,715	103,681			
United Kingdom.....	0	20			
British Malaya.....	1,185	187			
Netherlands East Indies.....	951	426			
Republic of Philippines.....	1,944	84			
Angola.....	(⁹)	⁹ 808			
Portuguese Guinea ⁸	7,206	2,988			
Belgian Congo.....	0	194			
British East Africa.....	15,332	14,612			
Mozambique.....	11,160	4,406			
Union of South Africa.....	25	438			
Other countries.....	388	300			
Total.....	114,278	128,189			
Other vegetable fibers: ¹²					
Mexico.....	572	1,143			
Brazil.....	1,427	252			
Other L. A. Republics.....	612	10			
Switzerland.....	0	21			
Italy.....	24	25			
Other Europe.....	50	6			
India.....	2,914	841			
Ceylon.....	3,500	1,870			
Republic of Philippines.....	664	1,785			
Angola.....	(⁹)	⁹ 30			
Portuguese Guinea ⁸	353	78			
Liberia.....	1,480	244			
Belgian Congo.....	1,200	156			
Madagascar.....	325	256			
Other countries.....	2,838	937			
Total.....	15,949	7,654			
Fruits:					
Apples, green or ripe:					
Canada.....	1,000 bushels	1,000 bushels			
United Kingdom.....	901	1,254			
Chile.....	82	1			
Other countries.....	0	(²)			
Total.....	21	0			
Total.....	984	1,255			
Avocados:					
Cuba.....	1,000 lb.	1,000 lb.			
Other countries.....	4,889	5,985			
Total.....	(²)	0			
Total.....	4,889	5,985			
Bananas:					
Latin American Republics: ³					
Mexico.....	1,000 bunches	1,000 bunches			
Guatemala.....	8,532	6,838			
Honduras.....	10,091	11,538			
Nicaragua.....	13,087	13,660			
Costa Rica.....	352	540			
Panama Republic.....	5,762	7,005			
Canal Zone.....	4,187	3,476			
Cuba.....	713	1,094			
Haiti.....	4,499	3,909			
Dominican Republic.....	7,363	5,069			
Colombia.....	1,315	722			
Ecuador.....	1,585	3,049			
Other L. A. Republics.....	1,165	2,018			
Total L. A. Republics.....	0	8			
Total L. A. Republics.....	58,651	68,926			

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fruits—Continued					
Bananas—Continued					
British Honduras.....	1,000 bunches	1,000 bunches	Lemons:	1,000	1,000
British West Indies ²	204	162	Chile.....	0	193
French West Indies.....	68	61	Spain.....	0	1
Other countries.....	0	24	Italy.....	421	2,802
Other countries.....	0	(?)	Other countries.....	9	6
Total.....	58,923	59,173	Total.....	430	3,002
Cherries, natural, sulphured, or in brine:	1,000	1,000	Limes:		
Canada.....	1	139	Mexico.....	5,099	5,278
Chile.....	67	95	Cuba.....	13	(?)
Italy.....	4,383	10,180	Dominican Republic.....	0	(?)
Yugoslavia.....	68	78	British West Indies ²	0	8
Other countries.....	73	3	Other countries.....	(?)	0
Total.....	4,592	10,495	Total.....	5,112	5,286
Cherries, dried or prepared:			Olives in brine:	1,000	1,000
France.....	2	0	Peru.....	51	4
Czechoslovakia.....	0	1	Chile.....	6	22
Italy.....	(?)	2	Europe—		
Australia.....	0	(?)	United Kingdom.....	0	(?)
Other countries.....	1	0	Spain.....	7,202	7,536
Total.....	3	3	Portugal.....	0	1
Currants:			Italy.....	562	289
United Kingdom.....	0	(?)	Albania.....	0	4
Netherlands.....	0	23	Greece.....	734	608
Greece.....	14	2	Other Europe.....	0	0
Other countries.....	0	0	Total Europe.....	8,498	8,438
Total.....	14	25	Algeria.....	2	4
Dates:			Tunisia.....	13	1
Syria.....	(?)	18	Other countries.....	2	(?)
Iraq.....	43,905	19,159	Total.....	8,572	8,469
Iran (Persia).....	1,248	481	Pears, green, ripe, or in brine:	1,000	1,000
China.....	26	35	Canada.....	24	7
Hong Kong.....	5	5	Chile.....	515	22
Other countries.....	2	2	Argentina.....	7,269	1,239
Total.....	45,186	19,700	China.....	7	5
Figs:			Australia.....	1,075	852
Italy.....	322	291	Union of South Africa.....	55	44
Greece.....	1,146	993	Other countries.....	(?)	(?)
Turkey.....	1,826	1,781	Total.....	8,945	2,169
Syria.....	2	1	Pineapples, fresh: (2.45 cu. ft.)	1,000	1,000
Other countries.....	11	5	Cuba.....	971	633
Total.....	3,307	3,076	Azores.....	(?)	2
Grapes, hothouse:	1,000	1,000	Other countries.....	10	3
Netherlands.....	0	(?)	Total.....	981	638
Belgium and Luxembourg.....	2	1	Pineapples, fresh:	Thou-	Thou-
Union of South Africa.....	0	2	Mexico.....	sands	sands
Other countries.....	(?)	(?)	Cuba.....	13,085	14,278
Total.....	2	3	Other countries.....	67	1,409
Grapes, other:			Total.....	53	1
Canada.....	167	153	Total.....	13,155	15,688
Chile.....	113	165	Pineapples, prepared or preserved:	1,000	1,000
Argentina.....	260	48	Latin American Republics: ³	pounds	pounds
Netherlands.....	0	(?)	Mexico.....	7,655	10,338
Italy.....	0	1	Cuba.....	38,077	63,950
Union of South Africa.....	37	29	Peru.....	0	12
Other countries.....	1	0	Other L. A. Republics.....	0	0
Total.....	578	396	Total L. A. Republics.....	45,732	74,300

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Fruits—Continued					
Pineapples, prepared or preserved—Continued:	1,000	1,000		1,000	1,000
Republic of Philippines.....	0	1,333			
China.....	(²)	1			
Other countries.....	0	(²)			
Total.....	45,732	75,634			
Grains and grain products:					
Barley grain: (48 lb.)	1,000	1,000			
Canada.....	4,063	973			
Mexico.....	0	12			
Other countries.....	(²)	0			
Total.....	4,063	985			
Barley malt:	1,000	1,000			
Canada.....	7,503	6,877			
United Kingdom.....	0	(²)			
Other countries.....	55	0			
Total.....	7,558	6,877			
Corn, grain: (56 lb.)	1,000	1,000			
Canada.....	89	78			
Mexico.....	4	6			
Dominican Republic.....	532	651			
Other countries.....	9	0			
Total.....	634	735			
Oats, grain: (32 lb.)					
Canada.....	923	1,270			
Mexico.....	(²)	389			
Other countries.....	1	0			
Total.....	924	1,659			
Rice, cleaned, ex. patna:	1,000	1,000			
Canada.....	1	(²)			
Mexico.....	24	0			
Dominican Republic.....	151	0			
United Kingdom.....	0	(²)			
Syria.....	0	1			
Iran.....	28	5			
Other countries.....	6	0			
Total.....	210	6			
Rice, patna.....	0	0			
Rice, uncleaned and paddy:					
Netherlands East Indies.....	(²)	0			
China.....	0	1			
Other countries.....	0	0			
Total.....	(²)	1			
Rice, flour, meal, polish, and bran:					
Mexico.....	959	4,531			
Brazil.....	1,873	0			
China.....	14	23			
Hong Kong.....	5	17			
Other countries.....	4	0			
Total.....	2,855	4,571			
Rice, broken:					
Canada.....	1	1,410			
Surinam.....	518	33			
Other countries.....	0	66			
Total.....	519	1,509			
Rye, grain: (56 lb.)	1,000	1,000			
Canada.....	1,641	41			
Other countries.....	(²)	0			
Total.....	1,641	41			
Wheat, grain: (60 lb.)					
For domestic use—					
Unfit for human consumption:					
Canada.....	28	118			
Other countries.....	0	0			
Other wheat grain:					
Canada.....	22	7			
Other countries.....	(²)	0			
For milling in bond and export—					
To Cuba:					
Canada.....	367	0			
Other countries.....	0	0			
To other countries:					
Canada.....	1,601	18			
Other countries.....	0	0			
Total.....	2,018	143			
Wheat flour: (100 lb.)	Bags	Bags			
Canada.....	3,122	1,956			
Argentina.....	0	432			
United Kingdom.....	0	112			
China.....	55	174			
Hong Kong.....	25	6			
Other countries.....	1	(¹¹)			
Total.....	3,203	2,680			
Feeds: (2,000 lb.)					
Bran shorts, etc., of wheat:	Tons	Tons			
Canada.....	57,430	26,918			
Mexico.....	5,954	20,969			
Dominican Republic.....	0	206			
Other countries.....	23,246	1,435			
Total.....	86,630	49,523			
Oil cake and oil-cake meal:					
Coconut or copra:					
Canada.....	0	279			
Mexico.....	0	515			
Haiti.....	19	95			
Republic of Philippines.....	1,426	1,337			
Other countries.....	0	0			
Total.....	1,445	2,226			
Soybean.....	0	0			
Nuts:					
Almonds, shelled:	1,000	1,000			
Europe—	pounds	pounds			
Spain.....	2,250	3,643			
Portugal.....	495	199			
Italy.....	5,985	7,858			
Greece.....	1	(²)			
Other Europe.....	3	18			
Total Europe.....	8,734	11,718			

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Nuts—Continued					
Almonds, shelled—Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>			
Iran (Persia).....	99	40	Peanuts, shelled:	<i>1,000 pounds</i>	<i>1,000 pounds</i>
India.....	16	22	China.....	(²)	8
China.....	(²)	1	Other countries.....	0	(²)
French Morocco.....	60	51	Total.....	(²)	8
Spanish Africa.....	2	7	Peanuts, not shelled:		
Other countries.....	17	1	China.....	2	6
Total.....	8,928	11,840	Hong Kong.....	(²)	2
Almonds, not shelled:			Other countries.....	(²)	0
Spain.....	378	0	Total.....	2	8
Italy.....	13	17	Pistache nuts:		
Greece.....	13	(²)	Italy.....	523	937
Syria.....	0	(²)	Turkey.....	4,295	3,141
China.....	(²)	2	Syria.....	995	348
Other countries.....	(²)	0	Iran (Persia).....	80	955
Total.....	404	19	Afghanistan.....	724	629
Brazil nuts, shelled:			India.....	179	25
Brazil.....	6,879	61,60	Pakistan.....	(³)	234
Other countries.....	23	0	Other countries.....	(²)	98
Total.....	6,902	6,160	Total.....	6,796	6,367
Brazil nuts, not shelled:			Walnuts, shelled:		
Brazil.....	23,951	26,966	France.....	0	11
Other countries.....	0	0	Italy.....	264	207
Total.....	23,951	26,966	Turkey.....	448	324
Cashew nuts:			Iran (Persia).....	8	15
Haiti.....	152	27	India.....	0	1
Brazil.....	630	725	China.....	14	39
India.....	29,008	26,945	Other countries.....	5	1
Ceylon.....	0	30	Total.....	739	598
Portuguese Asia.....	563	706	Walnuts, not shelled:		
British East Africa.....	95	10	Italy.....	229	6
Other countries.....	20	45	Greece.....	5	1
Total.....	30,468	28,483	China.....	0	(²)
Chestnuts, including marrons, crude, dried, or baked:			Other countries.....	(²)	0
Europe—			Total.....	234	7
France.....	0	22	Oilseeds:		
Spain.....	675	213	Babassu nuts.....	0	0
Portugal.....	63	36	Babassu kernels:		
Italy.....	6,299	17,783	Brazil.....	27,873	31,826
Other Europe.....	(²)	0	Other countries.....	0	0
Total Europe.....	7,037	18,054	Total.....	27,873	31,826
China.....	4	40	Castor beans:		
Hong Kong.....	(²)	(²)	Latin American Republics: ³		
Other countries.....	0	8	El Salvador.....	736	331
Total.....	7,041	18,102	Haiti.....	6,672	7,015
Filberts, shelled:			Ecuador.....	1,364	5,317
Italy.....	380	35	Brazil.....	228,722	275,269
Turkey.....	10,093	4,140	Other L. A. Republics.....	224	10
Other countries.....	14	21	Total L. A. Republics.....	237,718	287,942
Total.....	10,487	4,202	Siam.....	226	2,216
Filberts, not shelled:			Other countries.....	0	(²)
Spain.....	138	0	Total.....	237,944	290,158
Italy.....	3,483	14	Copra, not prepared:		
Other countries.....	0	0	Netherlands East Indies.....	0	3,465
Total.....	3,621	14	Republic of Philippines.....	1,304,634	1,131,259
			Western Pacific Islands.....	1,900	7,330
			Other countries.....	0	0
			Total.....	1,306,534	1,142,054

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Oilseeds—Continued					
Flaxseed:	1,000 bushels	1,000 bushels			
Canada.....	50	486			
Mexico.....	321	216			
China.....	0	4			
Other countries.....	982	15			
Total.....	1,353	721			
	1,000 pounds	1,000 pounds			
Rapeseed:					
Canada.....	37	129			
Mexico.....	0	267			
Uruguay.....	197	0			
New Zealand.....	0	4			
Other countries.....	33	0			
Total.....	267	400			
Sesame seed:					
Latin American Republics: ³					
El Salvador.....	500	3,944			
Nicaragua.....	6,314	13,503			
Dominican Republic.....	119	105			
Ecuador.....	7	2			
Other L. A. Republics.....	195	788			
Total L. A. Republics.....	7,135	18,342			
Iran.....	0	141			
Siam (Thailand).....	0	123			
China.....	800	1,043			
Hong Kong.....	5	112			
Mozambique.....	0	992			
Other countries.....	258	37			
Total.....	8,198	20,790			
Oils:					
Carnauba wax:					
Brazil.....	12,234	12,825			
Other countries.....	0	5			
Total.....	12,234	12,830			
Coconut oil:					
Canada.....	2,953	(?)			
Mexico.....	1,040	0			
Cuba.....	0	(?)			
Republic of Philippines.....	12,338	54,319			
Other countries.....	(?)	37			
Total.....	16,336	54,356			
Linseed oil:					
Canada.....	12,901	2,913			
Latin American Republics: ³					
Uruguay.....	5,297	0			
Mexico.....	3,264	82			
Brazil.....	3,284	0			
Argentina.....	139,076	10,754			
Other L. A. Republics.....	0	0			
Total L. A. Republics.....	150,921	10,836			
United Kingdom.....	1	13			
India.....	14	34			
Netherlands.....	4,409	0			
Other countries.....	4	0			
Total.....	168,251	13,796			
Oiticica oil:					
Brazil.....	22,648	10,119			
Other countries.....	0	0			
Total.....	22,648	10,119			
Olive oil, edible:					
Europe—	1,000 pounds	1,000 pounds			
France.....	11	12			
Spain.....	9,089	6,961			
Portugal.....	0	10			
Italy.....	5,194	10,503			
Greece.....	450	890			
Other Europe.....	(?)	0			
Total Europe.....	14,744	18,376			
Syria.....	1,533	206			
Iran (Persia).....	0	27			
Palestine.....	206	25			
French Morocco.....	446	6,054			
Other countries.....	27	43			
Total.....	16,956	24,731			
Olive oil, inedible:					
Italy.....	91	2,734			
Greece.....	0	4,567			
Syria.....	137	50			
French Morocco.....	0	30			
Other countries.....	46	17			
Total.....	274	7,398			
Palm oil:					
Nigeria.....	0	7,600			
Liberia.....	0	455			
Belgian Congo.....	47,978	56,392			
Other countries.....	3	(?)			
Total.....	47,981	64,447			
Peanut oil:					
Canada.....	(?)	59			
China.....	133	15			
Other countries.....	13	0			
Total.....	146	74			
Perilla oil.....	0	0			
Rapeseed (colza) oil:	1,000 gallons	1,000 gallons			
Canada.....	111	363			
Argentina.....	257	0			
France.....	302	131			
China.....	0	159			
Hong Kong.....	0	200			
Japan.....	0	61			
Other countries.....	17	0			
Total.....	687	914			
Soybean oil:	1,000 pounds	1,000 pounds			
Canada.....	0	246			
China.....	4	3			
Other countries.....	1	0			
Total.....	5	249			
Tung oil:					
China.....	106,629	104,816			
Hong Kong.....	431	1,621			
Other countries.....	124	178			
Total.....	107,184	106,615			
Pepper, unground:					
Canada.....	0	63			
Mexico.....	103	2			
Netherlands.....	0	322			
Italy.....	0	43			
India.....	12,791	24,368			

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued	<i>1,000</i>	<i>1,000</i>		<i>1,000</i>	<i>1,000</i>
Pepper, unground—Continued	<i>pounds</i>	<i>pounds</i>		<i>pounds</i>	<i>pounds</i>
Siam.....	340	101	Cigarette leaf—Continued		
French Indo-China.....	22	33	Turkey.....	43,335	44,177
British Malaya.....	2,529	3,403	Syria.....	3,214	3,600
Netherlands East Indies.....	19,088	6,744	Iraq.....	153	158
China.....	165	42	Southern Rhodesia.....	946	1,125
Hong Kong.....	22	175	Other countries.....	14	105
French Morocco.....	0	4	Total.....	57,912	61,273
Other countries.....	34	443			
Total.....	35,094	35,743	Vegetables and preparations:		
Sugar, raw, cane: (2,000 lb.)	<i>1,000</i>	<i>1,000</i>	Eggplant, fresh:		
Latin American Republics: ³	<i>tons</i>	<i>tons</i>	Canada.....	(²)	2
El Salvador.....	(²)	5	Mexico.....	283	298
Dominican Republic.....	0	8	Cuba.....	1,542	1,620
Mexico.....	0	(²)	Other countries.....	1	0
Cuba.....	3,317	3,430	Total.....	1,826	1,920
Peru.....	28	60	Onions:		
Brazil.....	(²)	3	Canada.....	59	5,353
Other L. A. Republics.....	0	0	Mexico.....	4,750	8,256
Total L. A. Republics.....	3,345	3,506	Chile.....	2,206	15,944
United Kingdom.....	0	(²)	Netherlands.....	11	30
China.....	(²)	(²)	Italy.....	1,151	511
Republic of Philippines.....	0	122	Australia.....	1	11,062
Other countries.....	(²)	(²)	New Zealand.....	0	1,193
Total.....	3,345	3,628	Egypt.....	0	6,403
			Other countries.....	137	30
			Total.....	8,315	48,782
			Peas, green or unripe, (except		
			cowpeas and chickpeas):		
Tea:	<i>1,000</i>	<i>1,000</i>	Canada.....	20	18
Canada.....	<i>pounds</i>	<i>pounds</i>	Mexico.....	4,018	3,020
Brazil.....	59	132	United Kingdom.....	0	1
United Kingdom.....	(²)	20	Other countries.....	0	0
India.....	47,998	31,455	Total.....	4,038	3,039
Ceylon.....	31,307	32,516	Peppers, green:		
China.....	2,723	3,423	Canada.....	52	5
Hong Kong.....	32	177	Mexico.....	20,260	18,924
Taiwan (Formosa).....	297	2,098	Cuba.....	1,391	907
Japan.....	7,619	3,689	British Guiana.....	(²)	1
British East Africa.....	0	2,172	Other countries.....	0	1
Mozambique.....	0	1,200	Total.....	21,703	19,838
Other countries.....	28	928	Potatoes, white or Irish:		
Total.....	90,063	77,843	Certified seed:		
Tobacco leaf, unmanufactured:			Canada.....	135,430	150,202
Leaf for cigar wrappers:			Other countries.....	0	0
Cuba.....	351	240	Other potatoes:		
British Malaya.....	20	74	Canada.....	140,787	57,486
Netherlands East Indies.....	1,042	815	Other countries.....	1	10
Other countries.....	0	(²)	Total.....	276,218	207,698
Total.....	1,413	1,129	Tomatoes fresh:		
Cigar leaf filler (stemmed and unstemmed):			Canada.....	1,492	1,676
Cuba.....	24,148	9,205	Mexico.....	235,432	233,665
Iran (Persia).....	5	4	Cuba.....	24,668	26,677
Republic of Philippines.....	154	227	British West Indies ⁴	1,555	1,493
Other countries.....	1	2	British Guiana.....	5	4
Total.....	24,308	9,438	French Morocco.....	4	9
Cigarette leaf:			Other countries.....	12	2
Europe—			Total.....	263,168	263,526
U. S. S. R.....	1,568	1,733	Tomatoes, canned:		
Yugoslavia.....	264	528	Canada.....	5	3
Greece.....	6,447	7,224	Mexico.....	762	16
Bulgaria.....	1,971	2,622			
Other Europe.....	(²)	1			
Total Europe.....	10,250	12,108			

See footnotes on page 564.

TABLE 613.—Imports (for consumption) of principal agricultural products into the United States, by countries of origin, fiscal years 1946-47 and 1947-48¹—Continued

Commodity imported and country of origin	Year beginning July 1—		Commodity imported and country of origin	Year beginning July 1—	
	1946-47	1947-48		1946-47	1947-48
VEGETABLE PRODUCTS—Continued					
Vegetables and preparations—Con.					
Tomatoes, canned—Continued					
Italy.....	14,065	28,881			
Other countries.....	1	63			
Total.....	14,833	28,963			
Farinaeous substances:					
Arrowroot, crude, or manufactured, starch and flour:					
Brazil.....	0	540			
British West Indies ²	5,029	5,280			
China.....	10	6			
Other countries.....	11	2			
Total.....	5,050	5,828			
Sago, crude, and sago flour:					
Canada.....	0	19			
British Malaya.....	2,752	1,104			
Netherlands East Indies.....	2,798	2,889			
China.....	3	120			
Hong Kong.....	(²)	1			
Other countries.....	0	0			
Total.....	5,553	4,133			
Tapioca, tapioca flour, and cassava:					
Latin American Republics: ³					
Cuba.....	57	353			
Dominican Republic.....	5,672	4,406			
Brazil.....	268,129	107,398			
Argentina.....	1,984	0			
Other L. A. Republics.....	2	67			
Total L. A. Republics.....	275,844	112,224			
Siam.....	0	1,104			
British Malaya.....	0	236			
Netherlands East Indies.....	2,132	276			
China.....	136	303			
Hong Kong.....	14	16			
Madagascar.....	2,190	221			
Other countries.....	70	22			
Total.....	280,386	114,402			
Rubber and allied gums:					
Guayule:					
Mexico.....	11,906	953			
Other countries.....	0	0			
Total.....	11,906	953			
Other rubber, crude:¹³					
Latin American Republics: ³					
Nicaragua.....	787	292			
Costa Rica.....	0	3			
Panama Republic.....	267	56			
Ecuador.....	2,508	(²)			
Peru.....	3,982	1,090			
Other rubber, crude—Continued					
L. A. Republics—Continued					
Bolivia.....	7,301	139			
Brazil.....	21,061	6,956			
Other L. A. Republics.....	1	0			
Total L. A. Republics.....	35,907	8,536			
British West Indies ⁴	526	62			
British Guiana.....	187	40			
India.....	0	90			
Ceylon.....	22,582	130,458			
Burma.....	2,398	689			
Siam (Thailand).....	24,236	100,217			
French Indo-China.....	106,980	10,577			
British Malaya.....	1,068,133	1,096,831			
Netherlands East Indies.....	112,285	107,664			
Republic of Philippines.....	3,505	2,677			
Cameroon.....	0	33			
French West Africa.....	0	11			
Nigeria.....	0	201			
Liberia.....	49,623	46,165			
Belgian Congo.....	452	5,490			
Other countries.....	25	306			
Total.....	1,426,839	1,510,047			
Gutta balata:					
Latin American Republics: ³					
Panama Republic.....	45	56			
Colombia.....	257	320			
Venezuela.....	775	493			
Peru.....	16	33			
Brazil.....	3,190	2,535			
Other L. A. Republics.....	5	2			
Total L. A. Republics.....	4,288	3,439			
Surinam.....	443	334			
Siam (Thailand).....	0	2			
British Malaya.....	0	20			
Other countries.....	216	0			
Total.....	4,947	3,795			
Jelutong or pontianak:					
Brazil.....	44	23			
British Malaya.....	2,671	9,798			
Netherlands East Indies.....	178	278			
Other countries.....	0	0			
Total.....	2,893	10,099			
Gutta percha and other guttas:					
Canada.....	0	(²)			
British Malaya.....	583	741			
Netherlands East Indies.....	763	253			
Nigeria.....	13	38			
Other countries.....	0	0			
Total.....	1,359	1,032			

¹ Preliminary. ² Less than 500. ³ The Latin American Republics include Costa Rica, Guatemala, Honduras, Nicaragua, Panama Republic, Canal Zone, El Salvador, Mexico, Cuba, Dominican Republic, Haiti, Argentina, Bolivia, Brazil, Chile, Colombia, Ecuador, Paraguay, Peru, Uruguay, and Venezuela. ⁴ Prior to January 1948 includes Lebanon. ⁵ Not separately reported prior to January 1948. ⁶ January-June. ⁷ Prior to January 1948 includes Pakistan. ⁸ Prior to January 1948 includes Angola. ⁹ British West Indies includes the Bahamas, Bermuda, Barbados, Jamaica, Trinidad and Tobago, and the Windward and Leeward Islands. ¹⁰ Bales of 478 pounds, net, prior to August 1946; subsequently, bales of 480 pounds, net. ¹¹ Less than one-half. ¹² Other vegetable fibers include coir fiber, maguery or cantala, palmyra, piassava, palm leaf fibers, pulu, raffia, ramie or China grass, sunn, and fiber, n.s.p.f. ¹³ Includes milk of rubber or latex.

Office of Foreign Agricultural Relations. Compiled from official records of Bureau of the Census and of the United States Tariff Commission.

CHAPTER IX

FARM RESOURCES, INCOME, AND EXPENSES

The statistical tables in this chapter have been arranged by groups as follows:

- Farm property, beginning with table 614.
- Population and employment, beginning with table 627.
- Farm production and distribution, beginning with table 642.
- Prices and income, beginning with table 667.
- Costs and expenses, beginning with table 684.
- Credit and loan programs, beginning with table 716.

These statistics deal with farms, farm people, and the financial aspects of farming. Many of the series are estimates developed in research activities. Other series are primarily records of operations, such as certain data from agricultural credit agencies.

Tables new this year include: A new series of farm-wage rates (table 636); food consumption by urban families and in 4 selected large cities (table 654 and 655); an index of interest and taxes per acre payable by farmers (table 671); expenditures for farm family living and for farm production (table 685); materials used in mixed fertilizers (table 689), and consumption of motor fuels and motor oil on farms (tables 702 to 707).

TABLE 614.—*Land utilization in the United States, census years 1880-1945*¹

Major land uses ²	1880	1890	1900	1910	1920	1925	1930	1935	1940	1945
	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>	<i>Mil.</i> <i>acres</i>
LAND IN FARMS										
Total land in farms.....	536	623	839	879	956	924	987	1,055	1,061	1,142
Cropland ³	188	248	319	347	402	391	413	416	399	463
Cropland harvested.....			295	322	362	345	359	296	321	353
Crop failure, cropland idle or fallow.....			24	25	40	47	54	120	78	50
Pasture in farms.....	122	144	276	284	328	331	379	410	461	529
Ploable pasture.....			90	95	105	114	109	99	111	109
Not ploable.....			186	189	223	217	270	311	350	420
Forest and woodland in farms.....	190	190	191	191	168	144	150	185	157	166
Pastured, forest and woodland.....			87	98	77	77	95	108	100	95
Not pastured.....			104	93	91	67	65	77	57	71
Farmsteads, roads, wastelands, and other land in farms.....	36	41	53	57	58	38	45	44	44	44
LAND NOT IN FARMS										
Total land not in farms.....	1,369	1,282	1,066	1,026	949	981	918	850	844	763
Pasture and grazing land ⁴	883	818	625	600	502	495	437	411	382	292
Forest land used chiefly for producing commercial timber ⁵	368	344	318	301	319	354	349	306	325	322
Other land outside farms (cities, roads, railroads, unused waste-land, etc.) ⁶	118	120	123	125	128	132	132	133	137	149
Grand total land area ⁷	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905	1,905

¹ Compiled from census reports, publications and records of B.A.E., and public land administering and conservation agencies.

² Total farm land and total nonfarm land acreages are for the calendar year indicated. Cropland and pasture land acreage usually relate to the preceding year.

³ Land used chiefly for crops, including cropland harvested, crop failure, fallow and idle cropland. To find land available for crops, add ploable pasture to cropland.

⁴ Pasture and grazing land not in farms consists of land used chiefly for pasture and includes open or non-forested pastures, and idle grassland in first decades, and arid woodland (pinon-juniper, chaparral), and shrub and brush pasture in all years.

⁵ Forest land outside of farms used chiefly for commercial timber excludes forested areas included in parks, wildlife refuges, military areas, and recreation sites, and arid woodland and brushland used chiefly for pasture.

⁶ Other land outside farms includes urban, industrial, and residential areas outside farms, parks, wildlife refuges, military lands, roads, railroads, ungrazed desert, rock swamp, and other unused and waste land.

⁷ Complete remeasurement of the land area of the United States in connection with the 1940 Census indicated an approximate total land area of 1,905 million acres. Total areas for earlier census years, originally reported as 1,903 million acres, have been revised here.

TABLE 615.—*Farms: Number, acreage, cropland harvested, and value, United States, census years 1850-1945*

Year	Farms	Land in farms	Farm land as percent of total land area		Cropland harvested, preceding year ¹	Value of farm land and buildings
			Number	Percent		
1850.....	1,449,073	293,561	15.6		3,272	
1860.....	2,044,077	407,213	21.4		6,645	
1870.....	2,659,985	407,735	21.4		7,444	
1880.....	4,008,907	536,082	28.2	166,187	10,197	
1890.....	4,564,641	623,219	32.7	219,706	13,279	
1900.....	5,737,372	838,592	44.1	283,218	16,615	
1910.....	6,361,502	878,798	46.2	311,293	34,801	
1920.....	6,448,343	955,884	50.2	348,604	66,316	
1925.....	6,371,640	924,319	48.6	344,549	49,468	
1930.....	6,288,648	986,771	51.8	359,242	47,880	
1935.....	6,812,350	1,054,515	55.4	295,624	32,859	
1940.....	6,096,799	1,060,852	55.7	321,242	33,642	
1945.....	5,859,169	1,141,615	59.9	352,866	46,389	

¹ Prior to 1924, this column shows the total acreage of crops for which figures are available, except for 1919, when 14,502,932 acres of corn cut for forage were excluded (most of this was probably duplicated in the acreage of corn harvested as grain). Beginning with 1924, the figures represent the total cropland harvested.

Bureau of Agricultural Economics. Compiled from reports of Census of Agriculture, Bureau of the Census.

TABLE 616.—*Farm real estate: Estimated value of farm land and buildings, by geographic division, 1929-49¹*

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1929.....	934	2,838	9,599	15,339	3,882	2,608	5,578	2,373	4,728	47,880
1930 ²	941	2,818	9,337	15,159	3,852	2,685	5,806	2,458	4,824	47,880
1931.....	960	2,654	8,453	13,546	3,504	2,466	5,233	2,444	4,732	43,993
1932.....	918	2,497	7,149	11,370	2,958	2,057	4,280	2,029	3,978	37,236
1933.....	862	2,148	6,054	8,943	2,470	1,691	3,618	1,698	3,241	30,724
1934.....	878	2,124	6,361	9,298	2,650	1,787	3,886	1,728	3,221	31,933
1935 ²	901	2,141	6,597	9,385	2,792	1,915	4,030	1,772	3,325	32,859
1936.....	872	2,168	6,921	9,693	2,919	1,990	4,143	1,824	3,380	33,910
1937.....	848	2,146	7,320	9,733	3,107	2,107	4,184	1,854	3,456	34,757
1938.....	807	2,128	7,368	9,546	3,164	2,228	4,296	1,820	3,390	34,747
1939.....	768	2,067	7,284	9,141	3,143	2,264	4,193	1,794	3,277	33,931
1940 ²	741	2,039	7,334	8,796	3,160	2,325	4,232	1,780	3,237	33,642
1941.....	752	2,008	7,296	8,665	3,159	2,306	4,229	1,819	3,263	33,497
1942.....	773	2,036	7,297	9,066	3,251	2,417	4,479	1,940	3,441	35,331
1943.....	709	2,175	8,355	9,862	3,443	2,588	4,751	2,122	3,755	37,855
1944.....	875	2,236	9,375	11,233	3,820	2,819	5,276	2,448	4,450	42,532
1945 ²	939	2,389	9,959	12,115	4,239	3,094	5,816	2,766	5,083	46,389
1946.....	1,012	2,569	11,265	13,472	4,883	3,653	6,471	3,086	5,753	52,114
1947.....	1,104	2,913	12,740	15,102	5,534	4,233	7,188	3,418	6,372	58,604
1948.....	1,151	3,047	13,535	17,042	5,687	4,411	7,977	3,712	6,249	62,811
1949.....	1,196	3,274	14,083	17,951	6,005	4,703	8,374	3,735	5,846	65,168

¹ Rounded totals of unrounded State figures, as of March 1st.

² Census of Agriculture reports.

Bureau of Agricultural Economics. Values in intercensal years derived from index of land values per acre and adjusted for changes of acreage of land in farms.

TABLE 617.—Farms: Number, acreage, and value of farm land and buildings, 1940 and 1945, and cropland harvested, 1939 and 1944, by States

State and division	Farms		Land in farms ¹		Cropland harvested ¹		Value of farm land and buildings ¹	
	1940	1945	1940	1945	1939	1944	1940	1945
	Number	Number	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Million dollars	Million dollars
Maine.....	38,980	42,184	4,223	4,613	1,147	1,316	124	160
New Hampshire.....	16,554	18,786	1,809	2,017	372	436	62	80
Vermont.....	23,582	26,490	3,667	3,931	1,023	1,160	111	135
Massachusetts.....	31,897	37,007	1,938	2,078	456	581	212	265
Rhode Island.....	3,014	3,603	222	265	49	62	26	36
Connecticut.....	21,163	22,241	1,512	1,593	363	433	205	263
New England.....	135,190	150,311	13,371	14,497	3,408	3,987	741	939
New York.....	153,238	149,490	17,170	17,568	6,581	6,922	947	1,088
New Jersey.....	25,835	26,226	1,874	1,818	779	916	228	293
Pennsylvania.....	169,027	171,761	14,594	15,020	6,097	6,604	864	1,009
Middle Atlantic.....	348,100	347,477	33,639	34,406	13,457	14,441	2,039	2,389
Ohio.....	233,783	220,575	21,908	21,928	9,772	10,837	1,444	1,868
Indiana.....	184,649	175,970	19,801	20,027	9,711	10,912	1,251	1,794
Illinois.....	213,439	204,239	31,033	31,602	18,270	20,302	2,537	3,663
Michigan.....	187,589	175,268	18,038	18,392	7,863	8,521	913	1,199
Wisconsin.....	186,735	177,745	22,876	23,615	9,816	10,545	1,189	1,434
East North Central.....	1,006,095	953,797	113,655	115,564	55,431	61,117	7,334	9,959
Minnesota.....	197,351	188,952	32,607	33,140	18,807	18,599	1,443	1,834
Iowa.....	213,318	208,934	34,149	34,454	20,077	21,562	2,691	3,611
Missouri.....	256,100	242,934	34,740	35,278	12,400	12,902	1,107	1,527
North Dakota.....	73,962	69,520	37,936	41,001	15,537	20,817	490	708
South Dakota.....	72,454	68,705	39,474	43,032	12,297	16,525	505	764
Nebraska.....	121,062	111,756	47,344	47,753	17,905	19,596	1,138	1,699
Kansas.....	156,327	141,192	48,174	48,589	17,816	22,817	1,421	1,971
West North Central.....	1,090,574	1,031,993	274,423	283,248	114,239	132,778	8,796	12,115
Delaware.....	8,994	9,296	896	923	378	416	55	73
Maryland.....	42,110	41,275	4,198	4,200	1,609	1,745	274	355
District of Columbia.....	65	40	2	2	1	1	6	5
Virginia.....	174,885	173,051	16,445	16,358	3,840	3,933	675	869
West Virginia.....	99,282	97,600	8,909	8,720	1,565	1,490	270	341
North Carolina.....	278,276	287,412	18,845	18,618	6,125	6,126	737	1,003
South Carolina.....	137,558	147,745	11,239	11,022	4,322	4,149	338	441
Georgia.....	216,033	225,897	23,684	23,676	8,803	7,824	480	654
Florida.....	62,248	61,159	8,339	13,084	1,680	1,809	324	498
South Atlantic.....	1,019,451	1,043,475	92,555	96,601	28,323	27,494	3,160	4,239
Kentucky.....	252,894	238,501	20,294	19,725	5,272	5,322	776	1,016
Tennessee.....	247,617	234,431	18,493	17,789	6,159	5,844	664	871
Alabama.....	231,746	223,369	19,143	19,068	7,112	6,163	409	560
Mississippi.....	201,092	263,528	19,156	19,617	6,953	6,473	475	648
East South Central.....	1,023,349	959,829	77,086	76,198	25,495	23,802	2,325	3,094
Arkansas.....	216,674	198,769	18,045	17,456	6,610	5,995	457	663
Louisiana.....	150,007	129,295	9,996	10,040	4,052	3,490	354	472
Oklahoma.....	179,687	164,790	34,803	36,162	12,766	14,088	831	1,106
Texas.....	418,002	384,977	137,683	141,338	26,044	27,469	2,590	3,575
West South Central.....	964,370	877,831	200,527	204,995	49,472	51,043	4,232	5,816
Montana.....	41,823	37,747	46,452	58,787	5,748	7,439	350	518
Idaho.....	43,663	41,498	10,298	12,503	2,935	3,442	339	493
Wyoming.....	15,018	13,076	28,026	33,117	1,535	1,843	159	232
Colorado.....	51,436	47,618	31,527	36,218	4,770	6,035	388	565
New Mexico.....	34,105	29,695	38,860	49,608	1,573	1,957	188	327
Arizona.....	18,468	13,142	25,651	37,856	526	652	154	288
Utah.....	25,411	26,322	7,302	10,309	966	1,248	154	262
Nevada.....	3,573	3,429	3,785	6,178	436	487	48	72
Mountain.....	233,497	212,527	191,901	244,577	18,488	23,103	1,780	2,756
Washington.....	81,686	79,887	15,182	16,720	3,570	4,290	593	900
Oregon.....	61,829	63,125	17,988	19,754	2,824	3,276	477	698
California.....	132,658	138,917	30,524	35,054	6,535	7,536	2,166	3,485
Pacific.....	276,173	281,929	63,694	71,529	12,929	15,102	3,237	5,083
United States ¹	6,096,799	5,859,169	1,060,852	1,141,615	321,242	352,866	33,642	46,389

¹ Division and United States figures are rounded totals of unrounded State figures.

Bureau of Agricultural Economics. Compiled from reports of Census of Agriculture, Bureau of the Census.

TABLE 618.—*Farm real estate: Index numbers of value per acre, by States, Mar. 1, selected years, 1915-49*¹

[1912-14=100]

State and division	1915	1920	1925	1930	1933	1935	1940	1944	1945	1946	1947	1948	1949
Maine.....	96	142	124	124	94	94	95	112	119	125	134	138	147
New Hampshire.....	101	129	111	111	92	90	94	107	117	122	136	142	144
Vermont.....	104	150	125	123	101	101	101	119	129	144	166	171	185
Massachusetts.....	98	140	132	131	112	111	113	125	133	141	145	154	159
Rhode Island.....	102	130	128	134	118	118	120	139	144	159	174	183	191
Connecticut.....	100	137	137	140	124	123	124	144	150	166	186	193	195
New England.....	99	140	127	127	105	104	106	122	130	140	152	159	166
New York.....	100	133	111	103	82	84	86	101	109	120	138	142	155
New Jersey.....	100	130	124	125	110	111	116	141	151	164	185	188	196
Pennsylvania.....	100	140	114	107	78	82	90	111	123	130	143	154	165
Middle Atlantic.....	100	136	114	106	82	85	90	109	119	128	144	151	162
Ohio.....	107	159	110	90	59	66	77	111	121	140	158	166	175
Indiana.....	102	161	102	80	53	61	74	112	124	145	158	172	176
Illinois.....	102	160	115	91	54	61	75	105	112	124	141	150	158
Michigan.....	105	154	133	121	80	83	91	134	145	167	194	198	202
Wisconsin.....	104	171	130	117	80	82	84	102	110	120	135	145	152
East North Central.....	104	161	116	96	62	68	78	110	119	134	152	161	168
Minnesota.....	107	213	159	133	79	83	86	110	115	129	143	157	164
Iowa.....	112	213	136	113	58	67	74	101	107	121	134	150	154
Missouri.....	102	167	112	92	55	58	59	82	91	102	113	116	123
North Dakota.....	103	145	109	95	66	67	52	70	76	83	92	110	118
South Dakota.....	101	131	115	93	55	54	41	57	62	68	77	91	98
Nebraska.....	101	179	123	113	69	72	58	77	86	86	108	126	139
Kansas.....	103	151	115	113	70	73	71	96	111	120	140	163	169
West North Central.....	105	184	126	109	64	68	65	88	96	106	119	135	142
Delaware.....	100	139	112	111	80	82	89	111	123	137	160	163	163
Maryland.....	104	166	131	123	90	91	100	136	147	165	196	201	206
Virginia.....	97	189	154	134	88	97	112	146	171	200	224	226	246
West Virginia.....	101	154	120	105	74	78	85	105	106	121	137	149	155
North Carolina.....	102	223	187	158	86	111	138	193	224	268	310	324	341
South Carolina.....	94	230	138	104	57	76	89	136	162	172	196	208	221
Georgia.....	94	217	116	100	57	72	82	120	132	146	173	180	195
Florida.....	97	178	172	172	121	126	133	161	185	204	226	210	206
South Atlantic.....	98	198	148	128	80	93	107	145	166	189	217	223	236
Kentucky.....	100	200	140	127	80	87	113	165	189	221	264	264	284
Tennessee.....	100	200	137	123	79	91	108	160	177	213	243	258	271
Alabama.....	98	177	154	143	88	110	122	160	180	208	247	252	275
Mississippi.....	97	218	136	122	73	90	106	145	165	196	216	238	251
East South Central.....	99	199	141	128	79	93	112	159	179	212	246	256	273
Arkansas.....	95	222	160	141	80	88	95	141	167	180	214	235	260
Louisiana.....	95	198	141	132	89	103	121	154	162	175	205	202	230
Oklahoma.....	95	166	131	127	76	86	93	120	131	156	169	185	211
Texas.....	103	174	146	138	83	91	99	124	137	150	165	187	187
West South Central.....	100	177	144	136	82	91	99	125	139	154	170	190	197
Montana.....	100	126	75	72	48	50	55	80	89	102	117	129	130
Idaho.....	96	172	123	116	76	80	86	124	140	153	160	168	165
Wyoming.....	103	176	100	98	62	62	68	102	115	132	147	168	169
Colorado.....	93	141	92	83	54	53	61	93	108	125	141	157	156
New Mexico.....	100	144	108	110	75	76	84	117	132	151	168	181	193
Arizona.....	97	165	121	123	90	91	95	127	145	158	176	181	180
Utah.....	98	167	130	126	83	84	89	112	121	127	136	146	146
Nevada.....	102	135	102	99	65	65	70	87	92	100	107	114	114
Mountain.....	98	151	105	102	69	70	76	107	120	134	149	161	163
Washington.....	100	140	113	110	74	76	84	120	133	153	170	174	168
Oregon.....	99	130	110	107	72	74	84	117	130	143	152	156	152
California.....	111	167	164	160	109	115	121	168	193	219	244	234	215
Pacific.....	107	156	146	142	96	101	108	150	171	194	215	210	196
United States.....	103	170	127	115	73	79	84	114	126	142	159	170	175

¹ All farm lands with improvements.

Bureau of Agricultural Economics.

TABLE 619.—Farms changing ownership by various methods: Number per 1,000 of all farms, by geographic divisions, 12 months ended Mar. 15, average 1935-39, annual 1941-49

Method of sale and year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand	Number per thousand
Voluntary sales and trades:¹										
Average, 1935-39.....	22.5	25.8	26.6	24.7	25.1	33.5	26.0	28.4	35.6	27.2
1941.....	24.5	30.8	35.5	37.5	28.8	33.5	36.7	33.7	38.3	34.1
1942.....	25.4	36.8	42.7	50.8	33.1	42.0	43.7	32.7	48.4	41.7
1943.....	29.5	38.0	46.7	54.8	34.1	51.4	45.2	44.0	53.5	45.8
1944.....	38.6	46.5	56.0	63.4	43.8	59.9	53.3	57.7	66.9	55.9
1945.....	33.7	45.6	50.4	55.8	43.4	57.7	52.9	52.6	60.7	51.5
1946.....	36.6	54.3	57.4	60.5	47.4	65.0	57.5	61.5	68.6	57.4
1947.....	47.6	55.8	55.5	61.7	46.6	62.4	60.7	60.7	70.3	57.7
1948.....	36.7	47.9	49.3	55.9	39.4	49.6	47.8	56.2	55.8	49.0
1949.....	36.2	39.1	39.6	47.8	30.8	40.1	40.4	51.8	52.3	40.8
Delinquent taxes:										
Average, 1935-39.....	4.7	5.4	2.1	4.6	5.8	7.0	4.0	10.1	4.2	4.8
1941.....	3.7	3.6	1.8	5.0	2.8	1.9	3.9	7.6	2.8	3.4
1942.....	3.7	3.0	1.8	3.9	2.2	2.9	4.3	6.3	2.7	3.1
1943.....	3.8	2.4	.9	3.0	1.6	1.5	2.9	5.9	2.1	2.2
1944.....	3.2	1.4	.9	2.4	1.7	1.1	2.5	4.1	1.3	1.8
1945.....	2.2	1.2	.7	1.2	1.2	.6	1.1	1.7	1.0	1.1
1946.....	1.5	.6	.5	.8	.7	.5	1.3	1.1	.5	.8
1947.....	1.7	.8	.7	.8	.6	.3	1.2	.8	.4	.7
1948.....	.4	.6	.3	.4	.4	.7	.8	.7	.4	.5
1949.....	.4	.5	.2	.4	.3	.6	.6	.2	.2	.4
Foreclosure of mortgages, bankruptcy, etc.:										
Average, 1935-39.....	10.5	12.5	16.2	28.4	12.3	14.4	15.4	21.2	17.8	17.4
1941.....	8.3	10.3	9.5	16.8	8.7	8.6	7.1	12.4	11.1	10.5
1942.....	6.9	5.5	5.6	10.1	5.1	4.4	4.0	8.1	6.5	6.2
1943.....	6.0	4.3	4.1	7.4	2.9	3.1	2.9	4.8	4.0	4.4
1944.....	3.3	2.0	3.5	5.0	2.2	2.4	1.8	3.0	3.5	3.1
1945.....	2.0	1.6	1.9	2.9	1.5	1.7	1.5	1.7	1.8	1.9
1946.....	1.5	1.6	1.4	1.4	1.2	1.6	1.8	1.7	1.2	1.5
1947.....	1.9	1.3	1.0	1.1	.9	1.4	1.1	1.4	.7	1.1
1948.....	1.7	.9	.9	.7	1.1	1.1	1.0	.9	1.0	1.0
1949.....	2.1	2.3	.7	.9	1.3	1.0	1.1	1.2	1.5	1.2
Inheritance and gift:										
Average, 1935-39.....	9.9	9.7	9.6	9.9	12.8	10.0	9.1	6.8	7.5	9.9
1941.....	8.1	7.0	5.7	5.6	8.6	5.4	5.4	4.6	4.5	6.1
1942.....	7.5	6.4	5.2	4.4	7.9	5.5	5.9	4.0	4.2	5.7
1943.....	7.3	5.9	4.9	4.7	7.1	4.8	4.7	3.7	4.7	5.3
1944.....	7.4	5.7	5.2	4.1	7.1	4.6	5.4	3.9	3.9	5.2
1945.....	6.7	5.2	4.5	4.7	6.0	4.8	4.8	3.3	4.5	4.9
1946.....	5.8	5.1	4.1	4.2	5.7	4.1	4.5	3.5	4.3	4.5
1947.....	5.4	4.1	4.5	4.8	6.2	5.0	4.1	4.8	4.4	4.8
1948.....	6.3	3.6	4.8	4.3	6.0	5.0	5.0	4.2	3.8	4.8
1949.....	4.9	2.8	5.1	3.6	6.4	5.4	4.6	4.5	4.8	4.8
Administrators' and executors' sales:²										
Average, 1935-39.....	6.0	9.2	9.4	7.7	9.5	8.1	5.2	4.8	5.0	7.8
1941.....	5.7	7.6	11.5	8.6	8.6	8.4	5.0	5.4	4.8	8.1
1942.....	5.9	9.0	10.2	8.7	8.7	7.7	5.2	5.7	5.7	8.0
1943.....	5.1	7.9	11.0	9.5	7.8	8.0	5.3	5.5	5.3	8.1
1944.....	5.7	9.8	12.2	10.9	9.0	8.0	6.3	6.4	5.9	9.2
1945.....	6.4	9.7	10.7	10.7	9.7	6.9	6.8	6.9	7.7	9.0
1946.....	7.5	10.1	11.3	11.1	8.7	6.5	8.0	6.9	7.9	9.2
1947.....	8.6	10.3	11.7	12.7	8.9	8.4	7.8	7.6	6.8	9.9
1948.....	7.1	7.8	11.1	11.7	10.3	6.0	8.7	7.1	4.5	9.2
1949.....	6.7	8.0	10.1	10.7	8.0	6.4	7.5	6.6	4.5	8.4
Total, all classes:³										
Average, 1935-39.....	55.2	64.3	65.4	77.1	67.4	75.1	61.8	73.2	72.2	68.9
1941.....	51.5	60.6	65.4	75.0	59.0	59.1	59.9	65.1	63.4	63.7
1942.....	50.9	62.0	66.7	79.3	58.0	63.9	65.2	58.7	69.7	66.1
1943.....	53.2	59.7	68.5	81.1	54.4	70.1	61.7	65.5	72.3	67.0
1944.....	59.8	66.3	78.5	86.5	64.7	76.8	76.5	76.5	82.8	76.1
1945.....	52.1	64.7	69.8	76.4	62.8	72.8	68.9	67.7	77.4	69.7
1946.....	64.1	73.8	76.4	79.5	65.2	78.9	71.7	76.8	85.1	75.0
1947.....	66.4	73.7	74.9	82.6	64.5	79.0	77.3	77.8	83.1	75.9
1948.....	53.6	62.5	67.7	73.9	59.3	63.4	64.5	70.8	67.4	65.9
1949.....	51.6	53.7	57.3	64.4	48.0	54.8	55.4	66.1	64.7	56.9

¹ Including contracts to purchase, but not options.

² Includes all other sales in settlement of estates.

³ Including miscellaneous and unclassified.

TABLE 620.—Value of farm property, United States, Jan. 1, 1929-49

Year	Land and buildings	Machinery and equipment ¹	Crops		Livestock ⁴	Total	
			For sale ²	All ³		Including crops for sale	Including all crops
			Mil. dol.	Mil. dol.		Mil. dol.	Mil. dol.
1929	47,880	3,245	1,224	6,633	58,982		
1930	47,880	3,428	1,093	6,555	58,956		
1931	43,993	3,256	734	4,889	52,872		
1932	37,236	2,950	578	3,573	44,337		
1933	30,724	2,464	475	3,000	36,663		
1934	31,933	2,170	686	3,189	37,978		
1935	32,859	2,211	588	3,499	39,157		
1936	33,910	2,362	660	5,215	42,147		
1937	34,757	2,616	728	5,095	43,196		
1938	34,747	3,013	795	5,064	43,619		
1939	33,931	3,181	655	5,125	42,892		
1940	33,642	3,118	712	2,645	42,605	44,538	
1941	33,497	3,369	768	2,943	42,960	45,135	
1942	35,331	3,988	1,120	3,799	47,512	50,191	
1943	37,855	4,669	1,681	5,110	53,848	57,277	
1944	42,532	4,846	1,995	6,079	59,057	63,141	
1945	46,389	6,114	2,323	6,396	63,827	67,900	
1946	52,114	6,073	2,303	6,030	70,265	73,992	
1947	58,604	6,706	2,607	6,852	79,895	84,140	
1948	62,813	9,069	3,247	8,789	88,513	94,055	
1949 ⁵	65,168	11,114	2,453	8,475	93,432	99,454	

¹ Automobiles, trucks, tractors, other machinery, harness, and saddlery.² Excludes crops under C.C.C. loan.³ Includes crops under C.C.C. loan stored off farms, as well as all crops, whether under loan or not stored on farms.⁴ All cattle, hogs, all sheep, horses, mules, chickens, and turkeys.⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 621.—Livestock: Number and farm value, United States, Jan. 1, average 1938-47, annual 1948 and 1949

Class of livestock	Number			Farm value					
				Per head			Total		
	Average 1938-47	1948	1949 ¹	Average 1938-47	1948	1949 ¹	Average 1938-47	1948	1949 ¹
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Cattle	76,312	78,126	78,495	59.20	116.00	135.00	4,634,842	9,094,334	10,537,060
Milk cows	26,118	25,039	24,450	86.40	164.00	193.00	2,230,597	4,102,968	4,723,110
Hogs	60,584	55,028	57,139	17.50	42.80	38.20	1,080,446	2,356,160	2,183,697
All sheep	49,736	34,827	31,963				404,439	534,679	548,915
Stock sheep	43,329	29,976	27,813	8.22	15.00	17.00	349,846	448,851	473,128
Horses	9,495	6,589	5,921	72.50	55.50	52.30	698,240	365,802	309,764
Mules	3,620	2,541	2,353	125.00	133.00	117.00	448,668	337,409	274,332
Total ²							7,266,635	12,688,384	13,993,768
Chickens	479,166	461,550	448,838	.969	1.44	1.66	475,614	665,227	745,976
Turkeys	7,221	4,450	5,493	4.03	6.87	8.68	29,195	30,590	47,681
Total ³							7,771,444	13,384,201	14,697,425

¹ Preliminary.² Includes cattle, hogs, all sheep, horses, and mules.³ Includes cattle, hogs, all sheep, horses, mules, chickens, and turkeys.

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TABLE 622.—Tractors, motortrucks, and automobiles on farms, Jan. 1, and annual purchases of tractors by farmers, United States, 1929-49

Year	On farms, Jan. 1			Tractors purchased	Year	On farms, Jan. 1			Tractors purchased
	Tractors	Motor-trucks	Auto-mobiles			Tractors	Motor-trucks	Auto-mobiles	
	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands
1929.....	827	840	3,970	137	1940.....	1,545	1,047	4,144	219
1930.....	920	900	4,135	116	1941.....	1,675	1,095	4,330	297
1931.....	997	920	4,077	58	1942.....	1,885	1,160	4,670	218
1932.....	1,022	910	3,798	25	1943.....	2,100	1,280	4,350	85
1933.....	1,010	865	3,399	25	1944.....	2,215	1,385	4,185	215
1934.....	1,016	875	3,399	65	1945.....	2,422	1,490	4,152	200
1935.....	1,048	860	3,642	122	1946.....	2,585	1,550	4,150	257
1936.....	1,125	923	3,735	165	1947.....	2,800	1,730	4,520	416
1937.....	1,231	990	3,962	221	1948.....	3,150	1,920	4,930	501
1938.....	1,368	1,042	4,109	151	1949 ¹	3,500	2,100	5,300	-----
1939.....	1,447	1,020	4,030	161					

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 623.—Tractors: Number produced and shipped by manufacturers for total domestic use and for domestic farm use, United States, 1929-48

Year	Production				Total domestic shipments			
	Wheel type	Track-laying	Garden	Total	Wheel type	Track-laying	Garden	Total
	Number	Number	Number	Number	Number	Number	Number	Number
1929.....	195,980	27,101	5,895	228,976	136,310	19,000	4,732	160,042
1930.....	176,075	20,222	6,161	202,458	113,160	15,105	4,484	132,749
1931 ¹	61,940	7,089	2,675	71,704	(²)	(²)	(²)	(²)
1932-34 ²								
1935.....	138,084	18,774	4,273	161,131	118,667	14,181	4,202	137,050
1936.....	193,947	27,299	5,939	227,185	158,444	20,792	5,737	184,973
1937.....	237,537	34,602	10,716	283,155	216,169	21,449	9,752	247,370
1938.....	172,437	16,837	9,949	199,223	143,703	11,251	8,970	163,924
1939.....	185,558	20,127	9,777	215,462	157,497	13,011	8,952	179,460
1940.....	249,434	24,762	9,350	283,546	215,701	16,177	8,816	240,694
1941.....	313,432	28,661	16,427	358,520	286,858	20,942	16,118	323,918
1942.....	172,123	29,578	13,373	215,074	161,668	23,265	12,493	197,426
1943.....	105,248	29,453	8,788	143,489	82,576	28,533	9,124	120,233
1944.....	249,131	44,860	16,999	310,990	205,897	42,808	14,889	263,594
1945.....	244,430	44,872	27,966	317,268	186,281	39,404	26,401	252,086
1946.....	258,274	25,902	118,237	402,413	206,951	19,943	109,179	336,073
1947.....	433,334	37,295	172,938	643,567	352,443	27,885	158,984	539,312
1948.....	520,108	39,270	182,598	750,976	436,505	29,424	156,855	622,784
					Domestic shipments for farm use ³			
1943.....					74,765	1,506	9,076	85,347
1944.....					194,500	4,357	14,516	213,373
1945.....					171,232	7,977	25,491	204,700
1946.....					196,043	7,156	106,911	310,110
1947.....					339,280	9,005	153,330	501,615
1948.....					419,222	11,150	145,117	575,489

¹ No segregation made between domestic shipments and shipments for export.² Data not collected.³ Data not available prior to 1943.

Bureau of Agricultural Economics. Compiled from "Facts for Industry" reports of the Bureau of the Census.

TABLE 624.—Selected farm machinery: Units manufactured in the United States, 1929-48

Year	Tractor mold-board plows	Corn binders	Corn pickers (field)	Silage cutters	Grain binders	Grain threshers	Com-bines (harvest-threshers) ¹	Manure spreaders	Tractor cultivators ²
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1929	122,897	15,246	8,620	8,065	65,069	13,558	36,957	61,000	34,634
1930	107,671	13,566	12,352	6,749	⁴ 46,166	8,635	24,409	47,722	66,250
1931	26,827	(⁵)	3,243	3,156	⁴ 15,356	3,964	5,907	19,707	15,631
1932-34 ⁶									
1935	67,862	19,290	1,845	7,294	⁴ 47,680	⁶ 4,619	3,872	31,462	54,519
1936	116,213	19,364	4,052	12,850	⁴ 66,970	8,622	16,983	53,361	115,957
1937	149,006	16,694	13,586	10,197	⁴ 32,295	4,996	29,403	60,057	127,188
1938	117,960	12,765	16,722	11,743	⁴ 47,619	8,649	48,046	27,344	90,760
1939	98,672	5,535	16,044	9,125	⁷ 15,242	2,781	41,537	33,363	65,547
1940	171,896	9,990	11,638	8,507	(⁸)	2,054	46,552	⁹ 46,075	104,345
1941	183,497	13,175	15,958	11,403	(⁸)	2,459	54,296	⁹ 69,618	145,401
1942	¹⁰ 132,131	(¹¹)	13,640	8,432	⁷ 5,171	2,146	41,722	⁹ 56,881	141,704
1943	55,182	3,077	12,592	4,163	³ 3,782	668	29,219	⁹ 17,448	83,802
1944	121,689	9,709	25,371	8,757	³ 11,317	1,858	¹² 44,704	⁹ 49,522	181,554
1945	158,159	8,699	35,885	9,005	⁹ 9,054	1,185	¹² 51,418	⁹ 44,997	191,330
1946	162,113	7,218	34,554	9,294	(⁹)	2,583	¹² 48,811	⁹ 44,143	151,489
1947	244,115	(¹¹)	66,055	13,222	9,523	1,277	¹² 76,638	⁹ 64,927	245,735
1948	308,805	(¹¹)	78,808	10,709	(¹¹)	2,161	¹² 90,668	⁹ 118,206	359,057

Year	One-way disk plows or tillers	Loose hay loaders	Pick-up hay balers	Peanut pickers	Power grinders and crushers	Milking machines	Power sprayers and dusters	Field cultivators	Sweep rakes
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1935	6,980	8,813	-----	653	25,960	4,217	8,180	4,819	5,244
1936	9,651	22,742	-----	994	22,754	0,841	9,655	5,755	8,506
1937	15,027	27,256	-----	960	28,928	21,502	9,680	11,774	7,094
1938	13,245	17,481	-----	656	32,244	18,787	7,920	11,488	7,508
1939	9,408	15,350	-----	627	49,099	22,798	9,904	6,004	4,783
1940	14,148	20,226	1,464	885	64,831	44,374	6,845	8,138	6,497
1941	17,074	26,930	8,200	922	67,415	¹³ 55,711	9,915	13,115	9,397
1942	11,274	19,426	8,801	2,899	53,876	¹³ 37,287	10,363	11,313	9,812
1943	5,363	11,508	5,418	1,340	30,733	¹³ 46,892	7,475	3,718	6,549
1944	12,945	21,065	12,126	841	61,560	¹⁴ 78,421	13,875	17,618	14,599
1945	13,122	20,591	12,535	1,095	65,067	¹⁴ 125,413	16,928	21,214	17,699
1946	16,731	23,053	11,072	1,849	110,059	¹⁴ 149,127	27,567	22,323	40,045
1947	25,670	20,407	26,573	2,315	103,941	¹⁴ 88,765	61,432	39,564	21,358
1948	35,429	28,472	48,469	2,188	100,468	¹⁴ 62,061	114,461	74,892	14,901

¹ Includes in 1937, 16,596 6-foot and under; in 1938, 28,216 6-foot and under; in 1939, 30,516 6-foot and under; in 1940, 41,450 6-foot and under; in 1941, 44,001 6-foot and under; in 1942, 36,701 6-foot and under; in 1943, 25,362 6-foot and under; in 1944, 33,169 6-foot and under; in 1945, 39,257 6-foot and under; in 1946, 33,127 6-foot and under; in 1947, 58,965 6-foot and under; in 1948, 68,018 6-foot and under.

² Row cultivators tractor-drawn or mounted; beet or field cultivators not included.

³ Including rice binders: 1935, 540; 1936, 951; 1937, 1,036; 1943, 466; 1944, 500.

⁴ No data reported.

⁵ Census was not taken.

⁶ Including rice and alfalfa threshers in 1935 and thereafter.

⁷ Not including rice binders.

⁸ Figures omitted to avoid disclosure of operations of individual establishments.

⁹ Includes in 1940, 6,140 two-wheel spreaders; in 1941, 21,032; in 1942, 17,087; in 1943, 5,729; in 1944, 12,834; in 1945, 19,982; in 1946, 26,466; in 1947, 42,516; in 1948, 88,073.

¹⁰ Includes 37,457 tractor-mounted plows.

¹¹ Figures combined with other harvesting machinery.

¹² Includes 1,100 self-propelled combines in 1944, 3,287 in 1945, 3,110 in 1946, 5,506 in 1947, and 10,198 in 1948. Not called for by the Census prior to 1944.

¹³ Exclusively vacuum-pump units.

¹⁴ Vacuum-pump units for stationary and portable milking machines.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.

TABLE 625.—Farm equipment, attachments, and parts manufactured and shipped: Value, by classes, (f. o. b. factory), United States, 1929-48

Year	Total manufacturers' shipments ¹	Total shipped for export	Shipments for use in United States							
			Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	492,992	104,801	412,214	30,450	13,400	24,811	20,536	53,655	17,311	24,825
1930.....	417,926	93,159	346,653	28,483	11,533	21,040	18,729	42,030	14,060	18,862
1931 ²	208,575	223,427	13,778	6,362	10,886	10,726	25,289	7,738	13,780	13,780
1932-34 ³										
1935.....	277,089	22,292	272,254	17,127	8,221	14,663	11,396	25,461	14,708	14,360
1936.....	375,128	34,052	368,823	22,523	11,598	20,692	16,731	29,605	15,928	19,088
1937.....	485,130	58,985	458,490	28,760	14,507	25,482	20,256	50,537	17,028	21,179
1938.....	404,047	69,174	456,633	22,356	11,707	16,641	15,559	56,523	14,739	18,936
1939.....	386,549	462,702	435,895	19,123	11,604	14,951	12,586	38,085	15,102	18,763
1940.....	462,415	468,365	429,458	24,740	14,337	19,108	15,323	40,028	19,783	21,212
1941.....	638,605	474,908	596,490	31,046	19,772	27,622	21,302	59,361	33,725	23,386
1942.....	622,528	457,693	601,335	32,334	19,453	29,749	22,971	53,777	34,229	21,126
1943.....	602,290	42,059	301,582	22,247	10,305	15,664	15,552	45,637	24,383	13,922
1944.....	1,026,207	68,070	549,311	32,012	21,526	33,433	29,603	74,588	42,579	20,259
1945.....	996,557	87,582	612,595	35,373	21,376	41,655	31,711	92,270	46,459	23,731
1946.....	983,515	87,247	763,230	45,815	34,965	52,089	32,425	105,942	56,351	33,542
1947.....	1,502,598	162,000	1,132,685	73,545	51,951	69,945	47,429	174,682	87,918	38,136
1948.....	1,942,680	206,432	1,478,158	86,160	73,961	104,863	73,686	225,871	142,662	36,587

Year	Shipments for use in United States								
	Tractor and tractor engines	Internal-combustion engines	Farm-wagons and trucks	Sprayers and dusters	Elevators and blowers	Hand tools	Dairy equipment	Poultry equipment	Barn and barnyard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	155,406	7,565	8,194	4,425	2,080	13,297	10,275	13,467	10,020
1930.....	133,505	4,774	4,515	4,490	1,223	10,447	7,124	13,280	8,381
1931 ²	98,129	3,195	1,897	3,425	435	8,412	5,324	5,969	4,982
1932-34 ³									
1935.....	123,433	9,942	5,778	2,588	699	6,990	6,054	6,792	2,741
1936.....	171,851	14,034	7,755	3,776	248	12,762	5,927	10,899	2,884
1937.....	214,192	17,838	8,288	4,788	1,573	13,703	9,262	7,810	3,822
1938.....	151,395	13,975	4,307	2,594	1,420	10,772	8,805	6,418	5,243
1939.....	158,373	16,656	5,282	3,909	1,694	11,112	9,514	11,229	3,973
1940.....	202,650	16,191	6,728	3,743	2,056	11,484	12,310	8,424	7,361
1941.....	289,820	37,147	8,565	7,430	2,680	14,469	19,636	12,152	8,517
1942.....	290,088	53,507	6,513	8,043	2,650	18,460	24,649	11,731	8,517
1943.....	85,512	114,784	6,608	8,016	3,477	17,934	23,623	17,747	8,887
1944.....	198,412	145,391	10,675	12,128	4,572	20,896	34,272	21,098	14,153
1945.....	200,166	(⁴)	15,433	13,696	6,120	23,239	44,828	24,611	15,165
1946.....	259,932	(⁴)	27,708	23,983	10,541	22,262	38,487	23,172	18,279
1947.....	435,503	(⁴)	33,546	35,323	16,244	(⁴)	28,198	19,686	20,579
1948.....	572,850	(⁴)	35,608	37,610	24,361	(⁴)	21,050	19,394	23,496

¹ This column has been revised to exclude data for engines, domestic water systems, farm pumps and windmills, lawn mowers, electric lighting plants, wheelbarrows, irrigation equipment, horse and mule shoes, calks and nails, harness and saddlery hardware, stock tanks, barndoor track and hangers, farm grates, sawing machines, shovels, spades, post-hole diggers, etc. Includes tractors for farm and nonfarm use.

² All figures for 1931 include exports and domestic sales combined.

³ Census not taken.

⁴ For agricultural, industrial, and military use.

⁵ 1941 and later figures for internal combustion engines are not comparable with previous years since some manufacturers reported only engines for agricultural purposes prior to 1941.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the U. S. Department of Commerce.

TABLE 626.—*Deposits of country banks: Index numbers of demand deposits and time deposits, selected groups of States, 1929-48*¹

[1924-29=100]

Year	20 leading agricultural States ²			3 Lake States ³			5 Corn Belt States ⁴			8 cotton-growing States ⁵		
	Total	De- mand	Time	Total	De- mand	Time	Total	De- mand	Time	Total	De- mand	Time
1929.....	102	99	106	102	98	104	100	96	103	96	93	102
1930.....	94	89	101	98	92	100	92	87	97	83	77	93
1931.....	81	75	90	89	81	93	79	73	86	66	60	77
1932.....	64	57	74	72	62	76	60	55	67	49	42	61
1933.....	53	49	59	50	45	52	45	44	47	46	41	55
1934.....	64	66	65	57	59	56	58	64	53	59	59	63
1935.....	(⁶)	(⁶)	69	(⁶)	(⁶)	61	(⁶)	(⁶)	60	(⁶)	(⁶)	70
1936.....	83	94	74	77	94	69	80	93	66	81	92	72
1937.....	90	102	79	86	103	78	89	103	76	88	102	75
1938.....	90	99	82	87	101	80	92	102	81	87	99	77
1939.....	94	106	84	90	109	82	99	112	85	92	106	78
1940.....	102	116	87	97	120	86	109	126	92	96	112	81
1941.....	116	138	92	105	140	89	129	154	102	110	134	84
1942.....	141	184	94	120	179	91	160	207	108	139	186	84
1943.....	201	283	100	159	268	107	224	316	122	196	283	86
1944.....	257	365	120	201	333	137	290	413	154	247	360	102
1945.....	329	462	156	254	404	181	368	516	203	328	478	136
1946.....	395	556	187	311	494	222	442	618	244	395	577	165
1947.....	410	565	204	319	480	242	461	634	267	399	570	182
1948.....	418	574	210	324	488	245	466	637	276	406	578	187

Year	3 Delta States ⁷			Texas-Oklahoma			4 Great Plains States ⁸			8 Mountain States ⁹		
	Total	De- mand	Time	Total	De- mand	Time	Total	De- mand	Time	Total	De- mand	Time
1929.....	100	97	106	104	102	119	101	103	98	108	104	113
1930.....	89	82	98	90	86	114	98	99	96	98	91	109
1931.....	67	58	79	74	69	101	87	85	90	85	76	99
1932.....	49	40	62	60	54	90	68	64	73	65	55	79
1933.....	45	38	56	57	52	83	59	57	63	54	47	64
1934.....	59	55	65	70	66	90	73	80	65	62	58	67
1935.....	(⁶)	(⁶)	72	(⁶)	(⁶)	92	(⁶)	(⁶)	63	(⁶)	(⁶)	70
1936.....	81	84	76	90	88	101	88	107	65	87	98	75
1937.....	91	99	79	100	99	107	88	108	63	94	107	78
1938.....	91	97	82	102	100	115	82	99	59	92	103	78
1939.....	96	103	84	107	106	118	85	105	58	98	111	81
1940.....	100	108	88	116	116	118	90	113	60	105	121	85
1941.....	114	130	91	132	134	124	99	129	60	117	139	89
1942.....	148	186	90	161	169	114	127	176	60	141	179	90
1943.....	203	277	92	244	268	100	195	292	63	211	291	101
1944.....	258	354	112	313	347	100	251	382	74	271	376	125
1945.....	342	465	153	417	464	126	316	477	94	345	474	165
1946.....	411	558	193	489	546	141	388	593	111	419	581	197
1947.....	423	561	216	502	560	156	424	650	124	430	596	205
1948.....	439	585	224	527	587	161	430	658	129	440	611	210

¹ Based on data reported by member banks of the Federal Reserve System located in places of less than 15,000 population (1940 Census). Annual indexes are simple averages of monthly indexes which are based on average amounts of daily deposits. In preparing indexes for groups of States, the amounts of monthly deposits for each State are weighted by the cash farm income of each State in the base period.

² Arkansas, Georgia, Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Mississippi, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Texas, and Wisconsin.

³ Michigan, Wisconsin, and Minnesota.

⁴ Ohio, Indiana, Illinois, Missouri, and Iowa.

⁵ North Carolina, South Carolina, Georgia, Alabama, Mississippi, Arkansas, Louisiana, and Oklahoma.

⁶ Comparable data for demand deposits for 5 months of 1935 are unavailable.

⁷ Mississippi, Arkansas, and Louisiana.

⁸ North Dakota, South Dakota, Nebraska, and Kansas.

⁹ Montana, Colorado, Arizona, Idaho, Nevada, New Mexico, Utah, and Wyoming.

Bureau of Agricultural Economics. Data for 1924-28 in Agricultural Statistics, 1948, table 622.

TABLE 627.—Total population and farm population, United States: Total number Jan. 1, 1929-49; births and deaths occurring in the farm population, and number of persons moving to and from farms, 1929-48¹

Year	Total population, Jan. 1 ²	Farm population							
		Number on Jan. 1	Change through natural increase			Change through migration			Change through change in classification of residence
			Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas ³	Departures for nonfarm areas ⁴	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1929.....	121,136	30,220	426	750	324	-477	1,604	2,681	-----
1930.....	122,440	30,169	377	721	344	-325	1,740	2,065	264
1931.....	123,643	30,485	387	721	334	-79	1,683	1,762	235
1932.....	124,476	31,028	398	726	328	+325	1,544	1,219	282
1933.....	125,223	32,033	375	701	326	-482	951	1,433	19
1934.....	126,011	31,945	383	727	344	-415	783	1,198	-112
1935.....	126,865	⁵ 31,801	375	707	332	-642	825	1,467	-157
1936.....	127,720	31,377	363	703	340	-690	719	1,409	-144
1937.....	128,475	30,906	375	703	328	-529	872	1,401	-132
1938.....	129,355	30,620	405	709	304	-420	823	1,243	-125
1939.....	130,406	30,480	410	710	300	-491	805	1,296	-130
1940.....	131,456	30,269	400	696	296	-681	690	1,371	-----
1941.....	132,633	29,988	417	702	285	-1,357	814	2,171	-----
1942.....	133,953	29,048	390	660	270	-2,779	819	3,598	-----
1943.....	135,646	26,659	355	610	255	-1,493	1,094	2,587	-----
1944.....	137,368	25,521	345	591	246	-676	917	1,593	-----
1945.....	138,923	25,190	354	604	250	+1,306	2,578	1,272	-----
1946.....	140,394	26,850	419	674	255	+281	1,783	1,502	-----
1947.....	142,696	27,550	483	750	267	-593	1,030	1,623	-----
1948.....	145,426	27,440	479	722	243	-143	1,237	1,380	-----
1949.....	148,051	27,776	-----	-----	-----	-----	-----	-----	-----

¹ Unless otherwise stated, these data are estimates based on information furnished by farm families to the Bureau of Agricultural Economics, adjusted to the census data of 1920, 1930, 1935, and 1940, and since 1944 to the level of farm population of the United States as estimated cooperatively by the Bureau of the Census and the Bureau of Agricultural Economics on the basis of enumerative surveys. Estimates of changes in the farm population from 1930 through 1941 were revised in September 1942; estimates of changes during 1942 were revised in November 1944. For years prior to 1929, see Agricultural Statistics, 1942, table 720 for all figures except those on total population, which have been slightly revised.

² Based on estimates of the Bureau of the Census.

³ For 1940 and subsequent years, includes persons returning directly to farms from the armed forces.

⁴ For 1940 and subsequent years, includes (1) inductions and enlistments of men living on farms into the armed forces, and (2) persons who have not moved but who are no longer in the farm population because agricultural operations have ceased on the place where they are living.

⁵ Census enumeration as of Jan. 1, 1935.

Bureau of Agricultural Economics.

TABLE 628.—*Farm population, by geographic divisions, Jan. 1, 1944-49; births and deaths occurring in the farm population, and number of persons moving to and from farms, 1944-48*¹

Division and year	Number on Jan. 1 ²	Change through natural increase			Change through migration		
		Total	Births	Deaths	Net farm-nonfarm migration	Arrivals from nonfarm areas ³	Departures for nonfarm areas ⁴
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
New England:							
1944.....	603	4	12	8	-1	28	29
1945.....	604	6	13	7	+100	140	40
1946.....	709	8	15	7	+37	76	39
1947.....	753	⁶ 6	15	⁶ 9	+1	47	46
1948.....	761	7	16	9	-12	41	53
1949.....	756						
Middle Atlantic:							
1944.....	1,539	13	32	19	-17	66	83
1945.....	1,543	12	31	19	+35	109	74
1946.....	1,599	19	37	18	-5	90	95
1947.....	1,623	26	43	17	-18	65	83
1948.....	1,632	20	36	16	+21	89	68
1949.....	1,673						
East North Central:							
1944.....	3,844	40	80	40	-23	181	204
1945.....	3,886	41	81	40	+70	274	204
1946.....	4,020	48	93	45	0	258	258
1947.....	4,077	⁶ 60	102	⁵ 42	-83	148	231
1948.....	4,056	57	99	42	+15	208	193
1949.....	4,128						
West North Central:							
1944.....	4,087	60	95	35	-145	128	273
1945.....	4,016	59	93	34	+97	313	216
1946.....	4,187	71	106	35	-5	264	269
1947.....	4,258	70	106	36	-123	134	257
1948.....	4,220	72	105	33	-38	155	193
1949.....	4,254						
South Atlantic:							
1944.....	5,115	78	127	49	-135	119	254
1945.....	5,011	88	139	51	+427	631	204
1946.....	5,475	104	153	49	+128	321	193
1947.....	5,671	⁵ 116	170	⁶ 54	-61	160	221
1948.....	5,714	109	164	55	-2	236	238
1949.....	5,821						
East South Central:							
1944.....	4,330	66	107	41	-129	119	248
1945.....	4,250	65	106	41	+335	487	152
1946.....	4,621	72	116	44	+94	297	203
1947.....	4,777	86	139	53	-127	139	266
1948.....	4,725	101	140	39	-58	150	208
1949.....	4,768						
West South Central:							
1944.....	3,858	55	92	37	-200	123	323
1945.....	3,723	57	96	39	+215	454	239
1946.....	4,008	68	105	37	+44	308	264
1947.....	4,128	80	115	35	-150	180	330
1948.....	4,071	71	102	31	-84	183	267
1949.....	4,058						
Mountain:							
1944.....	1,022	15	24	9	-26	71	97
1945.....	1,016	14	24	10	-28	44	72
1946.....	1,012	17	26	9	-27	57	84
1947.....	1,011	⁶ 21	29	⁶ 8	-22	71	93
1948.....	998	22	29	7	-12	63	75
1949.....	1,006						
Pacific:							
1944.....	1,123	14	22	8	0	82	82
1945.....	1,141	12	21	9	+55	126	71
1946.....	1,219	12	23	11	+15	112	97
1947.....	1,252	18	31	13	-10	86	96
1948.....	1,263	20	31	11	+27	112	85
1949.....	1,310						

¹ Estimates based on the following sources: 1940 Population Census, 1945 Census of Agriculture, current population surveys of the Bureau of the Census, enumerative survey and questionnaire surveys of the Bureau of Agricultural Economics. Revised August 1947.

² Estimates of the farm population of major geographic divisions for January 1948 and earlier dates include an allowance for net change through interdivisional farm-to-farm movement in the preceding year.

³ Includes persons who returned directly to farms from the armed forces.

⁴ Includes inductions and enlistments of men living on farms into the armed forces.

⁵ Revised.

Bureau of Agricultural Economics. Data for 1940-43 in Agricultural Statistics, 1948, table 624.

TABLE 629.—*Farm population estimates, by States, Jan. 1, 1945*¹

State and division	Number	State and division	Number	State and division	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
Maine.....	169	Minnesota.....	774	Arkansas.....	836
New Hampshire.....	70	Iowa.....	842	Louisiana.....	632
Vermont.....	101	Missouri.....	907	Oklahoma.....	678
Massachusetts.....	151	North Dakota.....	285	Texas.....	1,577
Rhode Island.....	16	South Dakota.....	283	West South Central.....	3,723
Connecticut.....	97	Nebraska.....	429	Montana.....	143
New England.....	604	Kansas.....	511	Idaho.....	181
New York.....	635	West North Central.....	4,016	Wyoming.....	66
New Jersey.....	122	Delaware.....	41	Colorado.....	211
Pennsylvania.....	786	Maryland.....	208	New Mexico.....	158
Middle Atlantic.....	1,543	Virginia.....	857	Arizona.....	129
Ohio.....	905	West Virginia.....	456	Utah.....	113
Indiana.....	701	North Carolina.....	1,391	Nevada.....	15
Illinois.....	808	South Carolina.....	723	Mountain.....	1,016
Michigan.....	704	Georgia.....	1,076	Washington.....	308
Wisconsin.....	768	Florida.....	259	Oregon.....	236
East North Central.....	3,886	South Atlantic.....	5,011	California.....	597
		Kentucky.....	1,034	Pacific.....	1,141
		Tennessee.....	1,043	United States.....	25,190
		Alabama.....	1,059		
		Mississippi.....	1,114		
		East South Central.....	4,250		

¹ For sources of estimates, see footnote 1 on table 628.

Bureau of Agricultural Economics. Data for Jan. 1, 1940-44 in Agricultural Statistics, 1948, table 625.

TABLE 630.—*Estimated farm population, by age and by sex for persons 14 years of age and over, April 1940, and quarterly dates January 1944 to January 1949*¹

Year and month	Total farm population ²	Population not in institutions				
		All ages	Under 14 years	14 years and over		
				Both sexes	Male	Female
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1940: April (Census).....	30,550	30,394	8,940	21,454	11,449	10,005
<i>1944:</i>						
January.....	25,520	25,270	7,710	17,560	8,800	8,760
April.....	25,870	25,650	7,740	17,890	8,940	8,950
July.....	26,220	25,980	8,090	17,890	9,010	8,880
October.....	25,930	25,700	8,000	17,700	8,860	8,840
<i>1945:</i>						
January.....	25,190	24,960	7,730	17,230	8,540	8,690
April.....	25,620	25,390	7,920	17,470	8,660	8,810
July.....	26,260	26,040	8,380	17,660	8,780	8,880
October.....	26,160	25,970	8,230	17,740	8,910	8,830
<i>1946:</i>						
January.....	26,850	26,700	8,100	18,600	9,400	9,200
April.....	27,110	26,960	8,150	18,810	9,650	9,160
July.....	27,780	27,630	8,270	19,360	10,070	9,290
October.....	27,550	27,400	8,170	19,230	9,980	9,250
<i>1947:</i>						
January.....	27,550	27,400	8,200	19,200	10,060	9,140
April.....	28,143	27,991	8,280	19,711	10,324	9,387
July.....	28,780	28,628	8,583	20,045	10,555	9,490
October.....	28,445	28,293	8,593	19,700	10,205	9,495
<i>1948:</i>						
January.....	27,439	27,287	8,291	18,996	9,796	9,200
April.....	27,488	27,336	8,223	19,113	9,941	9,172
July.....	28,350	28,198	8,577	19,621	10,222	9,399
October.....	28,183	28,031	8,513	19,518	10,100	9,418
1949: January.....	27,776	27,624	8,315	19,309	9,998	9,311

¹ Estimates relate to the civilian population. Figures for 1944 through 1949 are based on the current population surveys of the Bureau of the Census; figures for 1940 are based on the Sixteenth Decennial Census of Population.

² Includes persons in institutions on farms—a relatively small number.

Bureau of the Census and Bureau of Agricultural Economics. Series Census-BAE.

TABLE 631.—*Estimated civilian population, by age and sex, urban and rural, United States, April 1940, July 1945, and April 1948*¹

Age and sex	United States			Urban			Rural-nonfarm			Rural-farm		
	1940	1945	1948	1940	1945	1948	1940	1945	1948	1940	1945	1948
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Total.....	130,323	126,058	145,086	73,830	73,903	84,712	26,428	26,379	32,568	30,065	25,777	27,805
Under 14 years....	30,307	32,767	36,496	14,628	16,826	18,622	6,927	7,634	9,567	8,842	8,307	8,306
14 years and over..	99,926	93,291	108,591	59,202	57,077	66,091	19,501	18,745	23,001	21,223	17,470	19,500
14 to 19 years.....	14,609	12,141	12,689	7,652	6,685	6,852	2,925	2,496	2,843	4,032	2,959	2,996
20 to 24 years.....	11,493	7,740	11,810	6,718	4,915	7,407	2,272	1,480	2,479	2,503	1,345	1,925
25 to 44 years.....	39,282	35,527	43,360	24,257	22,235	26,466	7,777	7,189	9,851	7,248	6,103	7,043
45 to 64 years.....	25,745	28,022	29,869	15,617	17,657	18,926	4,638	5,281	5,534	5,490	5,085	5,410
65 years and over..	8,707	9,862	10,863	4,958	5,585	6,442	1,889	2,299	2,295	1,950	1,979	2,126
Male.....	65,200	66,955	71,824	36,009	31,864	40,871	13,354	12,032	16,466	15,837	13,059	14,487
Under 14 years....	15,414	16,659	18,598	7,389	8,484	9,379	3,513	3,850	4,901	4,512	4,325	4,228
14 years and over..	49,786	40,296	53,228	28,620	23,380	31,493	9,841	8,182	11,475	11,325	8,734	10,260
14 to 19 years.....	7,316	5,346	6,218	3,731	2,734	3,188	1,455	1,067	1,435	2,130	1,545	1,595
20 to 24 years.....	5,619	1,773	5,764	3,140	895	3,567	1,109	343	1,158	1,370	535	1,039
25 to 44 years.....	19,405	14,419	21,173	11,722	8,596	12,648	3,935	3,005	4,906	3,748	2,818	3,619
45 to 64 years.....	13,155	14,032	14,903	7,790	8,656	9,250	2,402	2,654	2,817	2,963	2,722	2,836
65 years and over..	4,291	4,726	5,171	2,237	2,499	2,841	940	1,113	1,159	1,114	1,114	1,171
Female.....	65,123	69,103	73,261	37,821	42,039	43,841	13,074	14,347	16,102	14,228	12,718	13,318
Under 14 years....	14,983	16,108	17,897	7,239	8,342	9,243	3,414	3,784	4,576	4,330	3,982	4,078
14 years and over..	50,140	52,995	55,364	30,582	33,697	34,598	9,660	10,563	11,526	9,898	8,736	9,240
14 to 19 years.....	7,293	6,795	6,473	3,921	3,951	3,664	1,470	1,429	1,408	1,902	1,414	1,401
20 to 24 years.....	5,874	5,967	6,047	3,678	4,020	3,840	1,163	1,137	1,321	1,133	810	886
25 to 44 years.....	19,877	21,108	22,187	12,635	13,639	13,818	3,842	4,184	4,945	3,500	3,285	3,424
45 to 64 years.....	12,500	13,990	14,967	7,827	9,001	9,676	2,236	2,627	2,717	2,527	2,363	2,574
65 years and over..	4,506	5,136	5,692	2,721	3,086	3,601	949	1,186	1,136	836	865	955

¹ Excludes institutional population, which is relatively small. Figures for 1940 include the small numbers then in the armed forces. Estimates for 1948 are rounded to the nearest thousand without adjustment to group totals.

Bureau of the Census, Series P-S, No. 19, P-20, No. 21, and records.

TABLE 632.—*Estimated population eating out of civilian food supplies, Jan. 1 and July 1, 1930-49*

Date	Population eating out of civilian supplies	Date	Population eating out of civilian supplies	Date	Population eating out of civilian supplies
	<i>Millions</i>		<i>Millions</i>		<i>Millions</i>
July 1930.....	123.8	Jan. 1937.....	129.3	July 1943.....	129.6
Jan. 1931.....	124.3	July 1937.....	129.6	Jan. 1944.....	129.5
July 1931.....	124.8	Jan. 1938.....	130.2	July 1944.....	129.2
Jan. 1932.....	125.2	July 1938.....	130.7	Jan. 1945.....	129.5
July 1932.....	125.6	Jan. 1939.....	131.2	July 1945.....	129.8
Jan. 1933.....	126.0	July 1939.....	131.7	Jan. 1946.....	135.3
July 1933.....	126.3	Jan. 1940.....	132.3	July 1946.....	139.3
Jan. 1934.....	126.8	July 1940.....	132.8	Jan. 1947.....	141.9
July 1934.....	127.1	Jan. 1941.....	132.9	July 1947.....	143.5
Jan. 1935.....	127.6	July 1941.....	132.6	Jan. 1948.....	145.0
July 1935.....	128.0	Jan. 1942.....	133.1	July 1948.....	146.2
Jan. 1936.....	128.5	July 1942.....	132.3	Jan. 1949.....	147.4
July 1936.....	128.9	Jan. 1943.....	130.6	July 1949.....	148.6

Bureau of Agricultural Economics. Estimates compiled from data of Federal agencies. The basic population estimates are from the Bureau of the Census, with adjustments for underenumeration of children under 5 years of age in decennial censuses. For January 1, 1941, and subsequent dates, estimates of the civilian population were supplied by the Bureau of the Census. For the period January 1, 1941, through January 1, 1946, an adjustment has been made to allow for members of the armed forces eating out of civilian supplies; the adjustment was originally estimated by OPA on the basis of data from several official sources.

NOTE.—Data in this table are used to estimate the per capita consumption of the food commodities, as shown in numerous other tables in this book.

TABLE 633.—*Farm employment: Average number of persons employed, by geographic divisions, 1944-48*¹ (revised)

Division and year	Total employment	Family workers ²	Hired workers ³	Division and year	Total employment	Family workers ²	Hired workers ³
	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>		<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>
New England:				East South Central:			
1944.....	228	170	58	1944.....	1,984	1,624	360
1945.....	226	169	57	1945.....	1,889	1,572	317
1946.....	228	172	56	1946.....	1,947	1,624	323
1947.....	229	171	58	1947.....	1,906	1,587	319
1948.....	226	170	56	1948.....	1,888	1,551	337
Middle Atlantic:				West South Central:			
1944.....	611	489	122	1944.....	1,610	1,211	399
1945.....	600	476	124	1945.....	1,541	1,167	374
1946.....	603	472	131	1946.....	1,603	1,223	380
1947.....	603	470	133	1947.....	1,603	1,203	400
1948.....	593	461	132	1948.....	1,605	1,183	422
East North Central:				Mountain:			
1944.....	1,594	1,338	256	1944.....	382	273	109
1945.....	1,562	1,324	238	1945.....	369	262	107
1946.....	1,599	1,352	247	1946.....	370	265	105
1947.....	1,597	1,350	247	1947.....	381	270	111
1948.....	1,593	1,335	258	1948.....	376	261	115
West North Central:				Pacific:			
1944.....	1,706	1,444	262	1944.....	555	313	242
1945.....	1,642	1,412	230	1945.....	553	307	246
1946.....	1,696	1,450	246	1946.....	559	307	252
1947.....	1,732	1,473	259	1947.....	571	310	261
1948.....	1,704	1,448	256	1948.....	570	308	262
South Atlantic:				United States:			
1944.....	2,120	1,668	452	1944.....	10,790	8,530	2,260
1945.....	2,049	1,627	422	1945.....	10,431	8,316	2,115
1946.....	2,098	1,665	433	1946.....	10,703	8,530	2,173
1947.....	2,139	1,681	458	1947.....	10,761	8,515	2,246
1948.....	2,116	1,637	479	1948.....	10,671	8,354	2,317

¹ Simple averages of monthly employment during the last full calendar week ending at least one day before the end of the month. All these data are on a new basis.

² Includes farm operators doing one or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

³ Includes all persons doing one or more hours of farm work during the survey week for pay.

Bureau of Agricultural Economics. Data prior to 1944 are not yet available on this revised basis.

TABLE 634.—*Farm-wage rates (old series): Averages, by classes, and index numbers, United States, 1929-48*¹

Year	Per month		Per day		Index numbers of composite wage rates ²	Year	Per month		Per day		Index numbers of composite wage rates ²
	With board	Without board	With board	Without board			With board	Without board	With board	Without board	
1929.....	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	180	1939.....	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	123
1930.....	40.61	51.22	1.96	2.25	167	1940.....	27.39	35.82	1.30	1.56	126
1931.....	37.59	48.10	1.76	2.08	130	1941.....	28.05	36.68	1.36	1.59	154
1932.....	28.77	38.38	1.32	1.62	96	1942.....	34.85	43.64	1.69	1.93	201
1933.....	20.85	28.88	.94	1.20	85	1943.....	46.64	55.91	2.19	2.49	264
1934.....	18.07	25.07	.85	1.11	85	1944.....	61.91	72.51	2.87	3.27	315
1935.....	20.24	28.19	.98	1.26	95	1945.....	74.00	85.70	3.46	3.93	350
1936.....	22.42	30.24	1.07	1.33	103	1946.....	82.30	95.40	3.80	4.34	378
1937.....	24.53	32.28	1.15	1.42	111	1947.....	88.90	103.00	4.15	4.74	408
1938.....	28.00	36.32	1.33	1.61	126	1948.....	96.00	111.00	4.50	5.10	432
	27.73	36.18	1.31	1.58	125		102.00	117.00	4.75	5.30	

¹ Weighted averages of quarterly reports. This "old series" will not be compiled after 1948.

² Calendar years 1910-14 = 100.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1944, table 523. For additional data, see report on Farm Wage Rates, Farm Employment, and Related Data, January 1943.

TABLE 635.—*Farm-wage rates (old series): Averages, by classes and geographic divisions, 1947 and 1948*¹

Division	Per month				Per day				Index numbers of composite wage rates ²	
	With board		Without board		With board		Without board			
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		
New England.....	97.00	105.00	140.00	147.00	5.10	5.40	6.50	6.90	392	415
Middle Atlantic.....	93.00	99.00	123.00	135.00	4.95	5.30	6.10	6.50	400	422
East North Central.....	90.00	100.00	120.00	130.00	4.85	5.20	5.90	6.40	373	405
West North Central.....	100.00	108.00	128.00	138.00	5.40	5.90	6.60	7.30	369	400
South Atlantic.....	52.00	55.00	73.00	77.00	3.10	3.30	3.80	4.00	365	381
East South Central.....	46.50	48.00	65.00	68.00	2.70	2.90	3.35	3.55	320	341
West South Central.....	69.00	73.00	93.00	100.00	3.70	3.85	4.35	4.55	373	395
Mountain.....	122.00	129.00	158.00	168.00	5.60	5.90	6.70	7.00	365	386
Pacific.....	151.00	160.00	191.00	202.00	6.90	7.10	8.30	8.30	426	447
United States.....	96.00	102.00	111.00	117.00	4.50	4.75	5.10	5.30	408	432

¹ Weighted averages of quarterly reports. This "old series" will not be compiled after 1948.

² Calendar years 1910-14 = 100.

Bureau of Agricultural Economics. Data for earlier years in previous editions of this book. For additional data, see report on Farm-Wage Rates, Farm Employment, and Related Data, January 1943.

TABLE 636.—*Farm-wage rates (new series): Averages, by classes and geographic divisions, 1948*¹

Division	Per month		Per week		Per day			Per hour		Index numbers of composite wage rates ²
	With board and room	With house	With board and room	With-out board or room	With board and room	With house	With-out board or room	With house	With-out board or room	
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	
New England.....	99	129	28.25	38.25	-----	-----	6.60	-----	.92	415
Middle Atlantic.....	97	121	26.25	36.25	-----	-----	6.20	-----	.83	422
East North Central.....	104	128	-----	-----	4.85	-----	6.00	-----	.84	405
West North Central.....	-----	-----	-----	-----	5.50	-----	6.90	-----	.88	400
South Atlantic.....	-----	-----	-----	-----	-----	3.45	3.85	.46	.53	381
East South Central.....	-----	-----	-----	-----	-----	2.85	3.35	.39	.49	341
West South Central.....	-----	-----	-----	-----	-----	3.80	4.45	.48	.57	395
Mountain.....	127	161	-----	-----	-----	-----	6.80	-----	.84	386
Pacific.....	148	188	-----	-----	-----	-----	-----	.93	1.00	447
United States.....	101	123	24.50	30.50	4.50	3.55	4.45	.64	.74	432

¹ These new series of wage rates are not directly comparable to those previously published and are not available for any period prior to 1948. Certain wage rates are not estimated for some regions because they are relatively unimportant there.

² Calendar years 1910-14 = 100.

Bureau of Agricultural Economics. Data for 1947 and 1948 on the old basis (no longer used) in table 635.

TABLE 637.—Return per hour to all labor and total labor used per farm on common sizes of commercial family-operated farms by type and location, averages 1930-34, 1935-39, 1940-44, annual 1947 and 1948¹

Type of farm and location	Return per hour to all labor used					Total labor used per farm				
	1930-34	1935-39	1940-44	1947	1948	1930-34	1935-39	1940-44	1947	1948
Dairy farms:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>	<i>Hours</i>
Central New York.....	0.13	0.19	0.48	0.85	1.16	4,721	4,726	5,013	4,966	5,137
Southern Wisconsin.....	.03	.21	.57	1.13	1.24	4,732	4,730	5,246	5,347	5,299
Corn belt farms:										
Cash grain.....	.07	.29	.82	1.87	1.16	4,550	4,192	4,074	3,845	3,831
Hog-beef fattening.....	.00	.25	.69	1.45	1.57	5,166	4,986	4,778	4,646	4,597
Hog-beef raising.....	.02	.19	.53	1.17	1.21	4,046	3,825	3,848	3,794	3,797
Hog-dairy.....	.09	.23	.46	1.01	.92	5,084	5,053	5,455	5,331	5,294
Spring wheat farms:										
(Northern Plains)										
Wheat-corn-livestock.....	.00	.19	.70	2.02	1.68	3,930	3,486	3,920	3,623	3,418
Wheat-small grain-livestock.....	.00	.16	.67	2.10	1.64	3,811	3,316	3,643	3,340	3,063
Wheat-roughage-livestock.....	.00	.12	.61	1.90	1.67	4,237	3,405	4,088	3,974	3,767
Winter wheat farms:										
(Southern Plains)										
Wheat.....	.03	.17	1.21	4.02	2.76	3,161	2,700	2,889	2,851	2,629
Wheat-grain sorghum.....	.03	.26	1.39	4.31	3.01	3,001	2,678	3,056	3,049	2,969
Cotton farms:										
Southern Plains.....	.10	.27	.66	1.40	1.08	4,117	3,678	3,934	3,285	3,233
Black Prairie.....	.13	.22	.38	.73	.66	4,696	4,181	4,118	4,294	4,131
Delta of Mississippi.....	.12	.21	.40	.68	.78	2,941	3,503	3,374	3,520	3,772
Cattle ranches: Inter-mountain.....	.00	.14	.56	1.27	1.08	5,654	4,990	5,034	4,709	4,744

¹ The farm in each group for which the return to labor is shown is the average of the most common sizes of farms of the type in the general region indicated. The averages are thus not affected by the activities of operators on farms larger or smaller than the group described, nor by production, prices, and costs of other groups of commodities than those common to the types indicated. Return to labor is the sum available for all labor (family, operator, and hired) after production expenditures other than labor have been met and appropriate credit has been made for the use of capital (land, buildings, machinery, equipment, and supplies) employed in the farm business. The hours of labor worked are quite different as between types, and hours are also influenced by labor-saving machinery used.

Bureau of Agricultural Economics.

TABLE 638.—Number of different persons who worked on farms for wages, and average days worked, by sex and veteran status for males, 1945, 1947, and 1948

Sex and veteran status for males	Estimated number of workers ¹			Average days of hired farm work in year		
	1945	1947	1948	1945	1947	1948
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Days</i>
Total farm wage workers.....	3,212	3,394	3,752	96	106	104
Male workers.....	2,375	2,587	2,820	116	126	124
Veterans (World War II).....	157	498	474	(3)	126	129
Nonveterans.....	2,218	2,089	2,346	(4)	126	123
Female workers.....	837	807	932	40	43	45

¹ Estimates relate to persons 14 years of age and over, in the civilian non-institutional population at the end of the year, who did farm work for wages at some time during the year. Allowances for groups not covered in the surveys (children under 14 years of age, imported foreign workers, and other groups) would raise the estimates of the total number of different persons who worked on farms for wages to 4,219,000 in 1945, 4,064,000 in 1947, and 4,372,000 in 1948.

² Not available.

Bureau of Agricultural Economics. Based on data from enumerative sample surveys made by the Bureau of the Census for the Bureau of Agricultural Economics.

TABLE 639.—Hired farm workers, by type of wage rates, United States and major regions, selected weeks of 1946, 1947 and 1948

Region and type of wage rate	July 14-20, 1946	Jan. 5-11, 1947	April 18-24, 1948	Sept. 19-25, 1948	Region and type of wage rate	July 14-20, 1946	Jan. 5-11, 1947	Apr. 18-24, 1948	Sept. 19-25, 1948
United States:	Percent	Percent	Percent	Percent	South:	Percent	Percent	Percent	Percent
Per month.....	10	23	17	7	Per month.....	4	13	6	2
Per week.....	5	17	9	4	Per week.....	3	14	6	1
Per day.....	41	26	40	18	Per day.....	64	46	58	21
Per hour.....	26	20	24	16	Per hour.....	20	19	21	8
Piece rate.....	9	9	5	51	Piece rate.....	4	4	5	65
Other ¹	9	5	5	4	Other ¹	5	4	4	3
Northeast:					West:				
Per month.....	12	30	28	13	Per month.....	13	27	26	17
Per week.....	20	40	35	17	Per week.....	2	5	2	2
Per day.....	11	9	11	13	Per day.....	14	6	12	12
Per hour.....	28	17	23	27	Per hour.....	48	29	44	33
Piece rate.....	23	-----	1	25	Piece rate.....	18	28	13	32
Other ¹	6	4	2	5	Other ¹	5	5	3	4
North Central:									
Per month.....	19	40	36	18					
Per week.....	5	20	12	7					
Per day.....	23	15	23	16					
Per hour.....	26	12	22	27					
Piece rate.....	7	4	-----	26					
Other ¹	20	9	7	6					

¹ Includes custom-work rates, annual rates, and unclassified rates.

Bureau of Agricultural Economics. Estimates based on data from interview surveys. Data for March, May, and September 1945 in Agricultural Statistics, 1948, table 637.

TABLE 640.—Wage rates, hourly cash wages, and hours worked by regular and seasonal hired farm workers, by types of wage rates, United States and major regions, selected weeks in 1946, 1947 and 1948 ¹

Area, type of wage rate, and survey week ²	Regular hired farm workers ³			Seasonal hired farm workers ³		
	Average wage rate ⁴	Average hourly cash wages ⁴	Average hours worked during survey week on reporting farm	Average wage rate ⁴	Average hourly cash wages ⁴	Average hours worked during survey week on reporting farm
United States:						
Month with meals:	Dollars	Dollars	Hours	Dollars	Dollars	Hours
July 14-20, 1946.....	86.10	0.28	73	78.70	0.28	66
Jan. 5-11, 1947.....	79.80	.36	56	-----	-----	-----
Apr. 18-24, 1948.....	87.00	.32	66	-----	-----	-----
Sept. 19-25, 1948.....	95.10	.35	67	-----	-----	-----
Week without meals:						
July 14-20, 1946.....	27.30	.46	59	29.90	.58	52
Jan. 5-11, 1947.....	29.70	.58	50	-----	-----	-----
Apr. 18-24, 1948.....	35.60	.57	57	-----	-----	-----
Sept. 19-25, 1948.....	32.10	.55	58	-----	-----	-----
Day without meals:						
July 14-20, 1946.....	3.60	.38	49	3.50	.37	26
Jan. 5-11, 1947.....	3.30	.41	40	3.20	.44	26
Apr. 18-24, 1948.....	3.70	.41	52	3.10	.35	31
Sept. 19-25, 1948.....	4.10	.45	53	4.30	.49	30
Hour without meals:						
July 14-20, 1946.....	.62	.61	53	.58	.62	37
Jan. 5-11, 1947.....	.61	.63	41	.68	.68	23
Apr. 18-24, 1948.....	.63	.63	50	.58	.60	27
Sept. 19-25, 1948.....	.70	.72	51	.73	.79	29
Piece rate without meals:						
July 14-20, 1946.....	-----	-----	-----	-----	.53	31
Jan. 5-11, 1947.....	-----	-----	-----	-----	.81	20
Apr. 18-24, 1948.....	-----	-----	-----	-----	.95	32
Sept. 19-25, 1948.....	-----	-----	-----	-----	.68	34

See footnotes on page 585.

TABLE 640.—*Wage rates, hourly cash wages, and hours worked by regular and seasonal hired farm workers, by types of wage rates, United States and major regions, selected weeks in 1946, 1947 and 1948*¹—Continued

Area, type of wage rate, and survey week ²	Regular hired farm workers ³			Seasonal hired farm workers ⁴		
	Average wage rate ⁴	Average hourly cash wages ⁴	Average hours worked during survey week on reporting farm	Average wage rate ⁴	Average hourly cash wages ⁴	Average hours worked during survey week on reporting farm
Northeast:						
Month with meals:	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Hours</i>
July 14-20, 1946.....	68.90	.22	73	52.70	.18	68
Jan. 5-11, 1947.....	67.90	.28	60	-----	-----	-----
Apr. 18-24, 1948.....	60.70	.22	68	-----	-----	-----
Sept. 19-25, 1948.....	76.80	.25	75	-----	-----	-----
Week without meals:						
July 14-20, 1946.....	32.00	.52	63	24.80	.49	50
Jan. 5-11, 1947.....	33.60	.58	57	-----	-----	-----
Apr. 18-24, 1948.....	37.70	.65	57	-----	-----	-----
Sept. 19-25, 1948.....	35.00	.58	61	32.30	.71	46
Hour without meals:						
July 14-20, 1946.....	.69	.63	55	.62	.68	34
Jan. 5-11, 1947.....	-----	-----	-----	.68	.73	24
Apr. 18-24, 1948.....	.67	.66	51	.68	.67	22
Sept. 19-25, 1948.....	.71	.72	48	.79	.79	19
North Central:						
Month with meals:						
July 14-20, 1946.....	78.10	.25	76	68.50	.24	68
Jan. 5-11, 1947.....	68.10	.30	57	-----	-----	-----
Apr. 18-24, 1948.....	86.50	.31	69	-----	-----	-----
Sept. 19-25, 1948.....	91.70	.33	68	-----	-----	-----
Day without meals:						
July 14-20, 1946.....	4.45	.43	56	4.40	.45	32
Jan. 5-11, 1947.....	-----	-----	-----	3.00	.51	23
Apr. 18-24, 1948.....	4.70	.51	55	4.10	.53	27
Sept. 19-25, 1948.....	4.90	.50	57	5.00	.62	23
Hour without meals:						
July 14-20, 1946.....	.70	.67	55	.61	.59	40
Jan. 5-11, 1947.....	-----	-----	-----	.68	.64	15
Apr. 18-24, 1948.....	-----	-----	-----	.67	.67	32
Sept. 19-25, 1948.....	-----	-----	-----	.78	.74	29
South:						
Day without meals:						
July 14-20, 1946.....	3.15	0.33	47	3.30	0.33	25
Jan. 5-11, 1947.....	2.90	.35	39	3.20	.42	26
Apr. 18-24, 1948.....	3.20	.34	51	3.00	.33	31
Sept. 19-25, 1948.....	3.20	.35	51	3.80	.42	29
Hour without meals:						
July 14-20, 1946.....	.43	.43	49	.42	.42	24
Jan. 5-11, 1947.....	.44	.45	38	.50	.46	22
Apr. 18-24, 1948.....	.42	.41	47	.42	.42	23
Sept. 19-25, 1948.....	.52	.52	47	.51	.67	23
Piece rate without meals:						
July 14-20, 1946.....	-----	-----	-----	-----	.34	16
Jan. 5-11, 1947.....	-----	-----	-----	-----	.67	39
Apr. 18-24, 1948.....	-----	-----	-----	-----	.44	15
Sept. 19-25, 1948.....	-----	-----	-----	-----	.61	31
West:						
Hour without meals:						
July 14-20, 1946.....	.82	.82	56	.74	.73	50
Jan. 5-11, 1947.....	.83	.87	45	.91	.92	28
Apr. 18-24, 1948.....	.85	.86	53	.85	.84	34
Sept. 19-25, 1948.....	.86	.87	54	.90	.90	42
Piece rate without meals:						
July 14-20, 1946.....	-----	-----	-----	-----	.64	42
Jan. 5-11, 1947.....	-----	-----	-----	-----	1.03	10
Apr. 18-24, 1948.....	-----	-----	-----	-----	1.13	57
Sept. 19-25, 1948.....	-----	-----	-----	-----	.72	43

See footnotes on page 585.

TABLE 641.—Hourly and daily cash wages and hours worked by regular and seasonal hired farm workers, United States and major regions, selected weeks of 1945, 1946, 1947, and 1948

Area and survey week	Distribution of hired farm workers during the survey week		Average hourly cash wages on reporting farm ¹			Average daily cash wages on reporting farm ¹			Average hours worked during survey week on reporting farm ¹			
	Regular workers ²	Seasonal workers ³	Total workers	Regular workers ²	Seasonal workers ³	Total workers	Regular workers ²	Seasonal workers ³	Total workers	Regular workers ²	Seasonal workers ³	
												Percent
United States:												
Mar. 18-24, 1945.....	56	44	0.35	0.32	0.41	3.26	3.10	3.30	45	56	32	
May 20-26, 1945.....	39	61	.37	.34	.41	3.60	3.40	3.90	45	60	35	
Sept. 16-22, 1945.....	21	79	.48	.36	.53	4.40	3.60	4.70	41	60	36	
July 14-20, 1946.....	23	77	.46	.40	.49	4.40	4.10	4.60	39	61	33	
Jan. 5-11, 1947.....	59	41	.48	.47	.52	3.70	3.70	3.80	41	48	28	
Apr. 18-24, 1948.....	40	60	.47	.46	.49	4.20	4.20	4.20	42	57	32	
Sept. 19-25, 1948.....	16	84	.61	.48	.65	5.30	4.50	5.60	37	58	33	
Northeast:												
Mar. 18-24, 1945.....	77	23	.34	.31	.50	3.30	3.10	4.20	57	64	38	
May 20-26, 1945.....	67	33	.40	.34	.62	3.80	3.30	5.30	56	63	40	
Sept. 16-22, 1945.....	33	67	.49	.34	.64	4.70	3.40	5.70	44	64	34	
July 14-20, 1946.....	37	63	.44	.39	.51	3.80	4.00	3.70	45	65	33	
Jan. 5-11, 1947.....	80	20	.46	.44	.58	3.80	3.80	4.00	50	55	28	
Apr. 18-24, 1948.....	77	23	.51	.49	.62	4.50	4.50	4.40	52	58	28	
Sept. 19-25, 1948.....	33	67	.67	.48	.85	5.90	4.60	6.90	44	61	34	
North Central:												
Mar. 18-24, 1945.....	79	21	.28	.27	.35	2.90	2.80	3.20	58	65	32	
May 20-26, 1945.....	67	33	.30	.28	.38	3.20	3.10	3.60	60	70	38	
Sept. 16-22, 1945.....	40	60	.52	.31	.81	4.90	3.30	6.40	48	68	34	
July 14-20, 1946.....	30	70	.44	.36	.52	4.60	4.00	5.20	51	70	41	
Jan. 5-11, 1947.....	66	34	.39	.38	.45	3.10	3.10	3.20	46	54	30	
Apr. 18-24, 1948.....	55	45	.44	.39	.57	4.00	3.80	4.70	51	63	34	
Sept. 19-25, 1948.....	30	70	.63	.42	.80	5.70	4.10	7.00	44	63	35	
South:												
Mar. 18-24, 1945.....	47	53	.29	.27	.32	2.60	2.50	2.70	39	48	31	
May 20-26, 1945.....	29	71	.26	.28	.25	2.50	2.70	2.40	37	53	31	
Sept. 16-22, 1945.....	13	87	.32	.30	.32	2.90	2.90	3.00	34	51	32	
July 14-20, 1946.....	17	83	.35	.33	.35	3.30	3.20	3.40	29	52	25	
Jan. 5-11, 1947.....	54	46	.44	.43	.45	3.30	3.30	3.30	36	41	29	
Apr. 18-24, 1948.....	27	73	.36	.37	.35	3.10	3.20	3.00	35	51	29	
Sept. 19-25, 1948.....	7	93	.54	.39	.56	4.60	3.40	4.70	32	51	31	
West:												
Mar. 18-24, 1945.....	45	55	.62	.59	.68	4.90	5.50	4.20	44	57	32	
May 20-26, 1945.....	30	70	.67	.59	.71	6.20	5.70	6.40	51	60	46	
Sept. 16-22, 1945.....	18	82	.73	.60	.77	6.80	5.80	7.60	50	60	48	
July 14-20, 1946.....	24	76	.67	.62	.69	6.40	6.00	6.60	52	61	49	
Jan. 5-11, 1947.....	50	50	.75	.72	.88	5.70	5.50	6.10	40	49	24	
Apr. 18-24, 1948.....	47	53	.79	.70	.90	7.20	6.60	7.90	51	57	45	
Sept. 19-25, 1948.....	23	77	.77	.75	.78	6.80	7.00	6.70	48	58	45	

¹ Custom workers are excluded, since the hire of machinery or equipment was included in their reported cash wages.

² Workers whom the farmer reported he would employ for 150 days or more during the year.

³ Workers whom the farmer reported he would employ for less than 150 days during the year. This group includes some workers for whom expected duration of employment was not reported. The majority of them were short-time seasonal laborers working in crews, for whom this information was not requested.

Bureau of Agricultural Economics. Estimates based on data from interview surveys.

FOOTNOTES FOR TABLE 640:

¹ Averages are not shown for rates that were infrequent at a given date.

² Rates are classified as "with meals" if two or more regular meals per day are furnished; rates that carry only one meal per day are classified as "without meals."

³ Workers whom the farmer reported he would employ for 150 days or more during year.

⁴ Average hourly rates may differ slightly from their corresponding hourly cash wage equivalents for several reasons: (1) Slightly different coverage as the equivalent wages were computed only for workers who reported on time worked; (2) weekly wages being rounded to the nearest dollar before computing equivalents; and (3) if a worker was paid at more than one rate during the week, the rate at which he worked the longest during the week was the one reported, but his cash wages included money earned at all rates.

⁵ Workers whom the farmer reported he would employ less than 150 days during year. This group includes some workers for whom expected duration of employment was not reported. The majority of them were short-time seasonal laborers working in crews, for whom this information was not requested.

Bureau of Agricultural Economics. Estimates based on data from interview surveys. Data for March, May and September 1945 in Agricultural Statistics 1947, table 617.

TABLE 642.—Commodity goals, with comparisons: Principal crops, livestock, and livestock products, United States, average 1937-41, annual 1944-49

Principal crops	Planted acreage											
	Average 1937-41 (actual)	1944		1945		1946		1947		1948		1949
		Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual (revised)	Goal	Actual (prelim.)	Goal
Food grains and pulses:	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Wheat, all.....	69,425	67,030	66,190	67,731	69,130	69,875	71,536	70,700	78,169	75,095	77,749	71,850
Rye ¹	3,702	2,408	2,132	2,515	1,856	2,572	1,607	2,374	2,010	2,458	2,097	2,478
Rice.....	1,118	1,525	1,503	1,405	1,507	1,479	1,586	1,520	1,703	1,660	1,757	1,600
Dry beans.....	1,975	3,048	2,155	2,277	1,656	2,101	1,697	2,150	1,839	2,169	1,971	1,800
Dry peas.....	286	895	752	457	549	588	521	478	551	517	309	350
Feed grains and forage:												
Corn.....	91,763	100,253	95,475	99,098	89,727	97,760	89,788	91,550	86,108	90,700	86,196	85,900
Oats ²	39,715	39,558	43,804	44,259	45,889	45,668	46,549	44,669	42,301	43,940	44,529	44,750
Barley ²	14,315	17,372	14,337	13,911	11,718	13,400	11,527	13,084	12,102	12,625	13,295	13,500
Grain sorghums.....	9,838											
Sorghums for grain ¹	5,353						6,773	7,500	5,629	7,670	7,298	7,020
All sorghums, except sirup.....	17,095	16,740	18,271	17,155	15,753	17,093	14,572	16,000	11,585	14,938	13,703	13,704
Oil and fiber crops:												
Soybeans for beans ¹	4,126	13,654	10,232	10,757	10,661	10,700	9,806	11,244	11,212	10,546	10,311	10,273
Flaxseed ²	2,305	5,895	2,887	5,000	3,953	4,318	2,641	5,000	4,161	4,326	4,889	3,022
Peanuts, alone.....	2,363	6,158	3,831	3,955	3,844		3,917		4,112		3,879	
Peanuts, picked and threshed ¹	1,818	4,964	3,068	3,230	3,160	2,500	3,142	2,839	3,380	2,839	3,214	4,269
Cotton, in cultivation July 1.....	26,358	22,277	19,990	20,507	17,562	20,200	18,190	23,100	21,500	21,894	23,372	21,894
Hemp, fiber and seed.....	4	271	73						5.8		3.4	
Flax, fiber.....	6	12	11						5.7		2.4	
Broomcorn.....	330	414	406	370	318	323	331		252		214	
Sugar crops:												
Sugar beets ²	912	951	633	951	776	1,032.5	904	1,069	968	(⁵)	800	(⁵)
Sugarcane, except sirup ¹	291	333	294	337	327		311	327	321	(⁵)	328	(⁵)
Vegetables:												
Potatoes ²	2,913	3,519	2,885	3,137	2,766	2,771.4	2,645	2,517	2,136	2,352.4	2,127	1,938
Sweetpotatoes.....	737	1,056	732	841	677	761.2	682	803	611	618	519	607
Truck crops (25) for fresh market ¹	1,725	1,688	1,879	1,683	1,893	1,846	1,981	1,985	1,831	1,850	1,750	1,743
Truck crops (11) for processing.....	1,496	2,210	2,096	2,155	2,093	2,004	2,183	1,953	1,998	1,826	1,729	1,701
Tobacco:¹												
Flue-cured.....	925.4	1,023	1,017	1,042	1,079	1,161.9	1,189	1,247	1,161	909	884	961
Burley.....	395.5	480	497	503	512	476.6	429	424	465	424	432	469
Other domestic.....	293.1	247	237	258	231	269.3	286	288	271	258	239	240
Hay and seed crops:¹												
All tame hay ¹¹	58,046	62,838	62,417	62,862	62,485	61,313	60,813	61,110	60,669	60,813	58,669	62,032
Cover-crop seeds ¹²	209	362	365	469	344	406.2	388	414	388	581	372	546
Hay seeds ¹²	3,444	4,868	5,378	4,899	4,406	5,725.5	5,125	6,515	4,278	6,430	4,180	6,655

Livestock and livestock products	Unit	Average 1937-41 (actual)	1944		1945		1946		1947		1948		1949
			Goal	Actual	Goal	Actual	Goal	Actual	Goal	Actual (re- vised)	Goal	Actual (pre- lim).	Goal
Cattle and calves on farms (Dec. 31)	Thousands	69,473	76,842	85,573	77,306	82,434	78,788	81,207	78,500	78,126	78,047	78,495	-----
Cattle and calves slaughtered	do	24,643	33,700	34,086	35,000	35,336	-----	-----	34,500	36,088	32,000	31,787	32,000
Dressed weight	Mil. pounds	8,220	11,824	10,853	11,543	11,940	-----	-----	-----	12,027	10,800	10,600	10,600
Beef cattle on farms (Dec. 31)	Thousands	32,363	-----	44,724	36,900	43,341	-----	42,739	-----	40,951	-----	41,925	-----
Beef cows on farms (Dec. 31)	do	10,948	-----	16,456	-----	16,319	-----	16,469	15,641	16,000	-----	16,033	(15)
Milk cows on farms (average for year)	do	23,563	26,148	25,775	26,363	25,329	-----	24,475	24,418	23,825	-----	22,935	-----
Milk production on farms	Mil. pounds	107,855	121,237	117,992	120,582	121,504	120,824	119,713	120,406	119,065	120,000	115,511	120,000
Sows to farrow:													
Spring	Thousands	7,534	10,325	9,246	9,569	8,298	8,304	8,109	9,162	8,652	7,984	7,967	9,490
Fall	do	4,802	6,898	4,882	5,814	5,426	4,953	4,713	5,389	4,907	5,553	5,169	-----
Pigs saved:													
Spring	do	46,801	62,982	55,754	57,563	52,189	51,651	52,392	58,000	52,802	50,000	51,286	-----
Fall	do	30,428	42,699	30,905	37,000	34,593	31,551	30,548	35,000	31,345	34,400	33,995	-----
Hogs slaughtered	do	65,642	104,000	98,068	78,200	71,891	-----	76,244	-----	74,710	-----	72,311	-----
Fork production, excluding lard	Mil. pounds	8,573	13,520	13,304	10,322	10,697	-----	11,173	-----	10,601	-----	10,246	-----
Lard production	do	1,942	3,120	3,054	2,066	-----	-----	2,138	-----	2,426	-----	2,368	-----
All sheep and lambs on farms (Dec. 31)	Thousands	52,930	51,901	46,520	49,136	42,436	45,624	37,818	-----	34,827	-----	31,963	-----
Stock sheep and lambs on farms (Dec. 31)	do	46,698	-----	39,609	-----	35,599	-----	32,125	32,542	29,976	30,500	27,818	30,500
Sheep shorn	do	45,680	-----	43,165	-----	38,763	-----	34,718	-----	31,241	-----	29,616	-----
Wool production (shorn)	1,000 pounds	367,445	-----	338,318	-----	307,949	-----	280,487	-----	252,798	-----	237,290	-----
Sheep and lambs slaughtered	Thousands	21,874	22,000	25,355	21,500	24,639	-----	22,814	-----	18,766	-----	17,530	-----
Dressed weight	Mil. pounds	884	890	1,024	860	1,054	-----	970	-----	802	-----	753	-----
Chickens raised, farm production ¹⁰	Thousands	665,430	892,983	832,063	745,800	914,793	679,156	745,802	677,110	745,401	690,104	637,372	700,000
Commercial broiler production	do	118,046	208,805	264,999	213,000	345,598	-----	275,600	-----	295,333	-----	350,773	-----
Hens and pullets on farms (Jan. 1)	do	376,566	527,012	523,587	475,000	473,880	407,993	474,233	435,000	435,065	400,000	426,465	425,000
Egg production on farms	Mil. dozens	3,256	4,597	4,878	4,350	4,655	3,909	4,632	4,200	4,604	4,200	4,597	-----
Turkeys raised, farm production	Thousands	30,636	32,070	35,616	35,666	44,221	38,074	40,724	40,378	34,970	30,507	31,950	35,100

¹ Harvested acreage.

² Includes acreage planted in fall of preceding year for harvesting in spring of year shown.

³ Short-time average. Estimates on grain sorghums for all purposes were discontinued in 1941 for all States, except Texas and New Mexico.

⁴ Acreage allotments in effect.

⁵ Sugar Act of 1948 applicable.

⁶ Actual acreage excludes asparagus harvested for processing in California for 1937 and 1938, plus certain other States from 1939 to date; and cabbage harvested for sauerkraut for all years.

⁷ Excludes artichokes, cauliflower, eggplant, escarole, kale, and shallots for 1946; artichokes, escarole, and kale for 1947; asparagus, Honey Ball melons, winter cucumbers, and all eggplant, except winter for 1948; and artichokes, asparagus, winter cucumbers, eggplant, Honey Ball and spring Honey Dew melons for 1949.

⁸ Excludes pimientos.

⁹ Marketing quotas.

¹⁰ 1948 includes marketing quotas of 78,000 and 33,000 acres respectively for fire-cured and dark air-cured, except for Virginia sun-cured type; and all non-quota types, except types 56 and 72 for which no goals were suggested nor

quotas established. 1949 includes marketing quotas of 65,300 and 30,100 acres respectively for fire-cured and dark air-cured, except for Virginia sun-cured types; suggested goals of 42,300 and 3,100 acres for non-quota types in Maryland and Virginia respectively; and the 1948 actual acres harvested for cigar types.

¹¹ Actual acreages are the difference between B.A.E. estimates of "all hay" for U.S. and "wild hay" for 22 States for which estimates are published.

¹² Includes Austrian winter peas; hairy, common and Willamette vetch; crimson clover, and common ryegrass for all years, plus other kinds for which goals were set, varying by years.

¹³ Includes alfalfa; red, alsike, and sweet clover; and lespedeza for all years, plus other kinds for which goals were set, varying by years.

¹⁴ Marketing year, beginning with July, 1948.

¹⁵ Not less than 15.5 million Jan. 1, 1949.

¹⁶ Excludes commercial production and young chickens lost.

Production and Marketing Administration. Compiled as follows: Goal data from records of the Production and Marketing Administration; actual data from records of Bureau of Agricultural Economics. Data for 1942 in Agricultural Statistics, 1947, table 618; for 1943 in Agricultural Statistics, 1948, table 640.

TABLE 643.—Planted acreage of principal crops, United States, 1929-48

Year	Corn, all	Oats ¹	Barley ¹	Sorghums ²	Wheat			Buckwheat	Rice	Flaxseed ¹
					Winter ³	Spring	All ¹			
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	99,130	40,534	14,703	8,830	44,145	23,032	67,177	671	860	3,386
1930.....	103,915	42,608	13,581	9,447	45,248	22,311	67,559	635	966	4,481
1931.....	109,364	44,483	13,820	10,685	45,915	20,548	66,463	538	965	3,773
1932.....	113,024	45,549	14,555	12,070	43,628	22,653	66,281	476	874	2,720
1933.....	109,830	43,774	14,200	12,602	44,802	24,207	69,009	487	798	1,837
1934.....	100,563	40,467	12,024	14,612	44,836	19,228	64,064	510	812	1,609
1935.....	99,974	43,599	13,956	16,492	47,436	22,175	69,611	524	817	2,419
1936.....	101,959	41,934	12,837	13,355	49,986	23,984	73,970	417	981	2,572
1937.....	97,174	39,827	12,346	13,001	57,845	22,969	80,814	442	1,116	1,330
1938.....	94,473	39,390	12,171	15,561	56,644	22,517	78,981	466	1,076	1,032
1939.....	91,639	38,203	15,513	17,863	46,154	16,648	62,802	401	1,045	2,339
1940.....	88,692	39,315	15,689	21,208	43,536	18,284	61,820	420	1,090	3,364
1941.....	86,837	41,841	15,857	18,800	46,045	16,662	62,707	355	1,263	3,462
1942.....	88,818	43,018	19,686	16,082	38,855	14,145	53,000	403	1,490	4,698
1943.....	94,341	43,467	17,474	17,726	38,515	17,469	55,984	528	1,517	6,182
1944.....	95,475	43,804	14,337	18,458	46,821	19,369	66,190	539	1,503	2,887
1945.....	89,727	45,889	11,718	15,912	50,415	18,715	69,130	487	1,507	3,953
1946.....	89,788	46,549	11,527	14,749	52,195	19,341	71,536	416	1,586	2,641
1947.....	86,108	42,301	12,102	11,746	58,133	20,036	78,169	559	1,703	4,161
1948 ⁴	86,196	44,529	13,295	13,813	58,161	19,588	77,749	355	1,757	4,889

Year	Cotton ⁵	Beans, dry, edible	Peas, dry, field	Potatoes ¹	Sweet-potatoes	Sugar beets ¹	Harvested acreage of 36 crops ⁶	52 crops planted or grown ⁷
1929.....	44,448	1,924	250	3,068.0	647	772	76,528	363,028
1930.....	43,329	2,266	295	3,189.7	670	821	75,787	369,550
1931.....	39,110	2,145	312	3,550.1	854	760	73,767	370,589
1932.....	36,494	1,625	257	3,639.0	1,059	812	76,036	375,471
1933.....	40,248	1,895	294	3,496.4	907	1,036	72,710	373,124
1934.....	27,860	1,985	330	3,789.3	968	945	68,426	338,965
1935.....	28,063	2,087	370	3,557.7	944	809	78,667	361,889
1936.....	30,627	1,950	296	3,126.9	774	855	74,586	360,239
1937.....	34,090	1,911	276	3,118.8	770	813	75,992	363,020
1938.....	25,018	1,759	225	2,944.3	795	985	79,390	354,266
1939.....	24,683	1,876	238	2,867.4	735.0	993	81,448	342,645
1940.....	24,871	2,079	314	2,885.7	651.7	971	84,455	347,265
1941.....	23,130	2,250	379	2,749.1	730.9	796	86,498	347,655
1942.....	23,302	2,102	518	2,755.1	688.0	1,048	93,713	351,320
1943.....	21,900	2,599	825	3,354.7	869.7	619	94,148	361,534
1944.....	19,990	2,155	752	2,884.7	732.1	633	94,828	365,168
1945.....	17,562	1,656	549	2,765.7	677.3	776	94,575	356,884
1946.....	18,190	1,697	521	2,644.6	682.2	904	91,258	354,689
1947.....	21,500	1,839	551	2,135.5	611.0	968	94,080	358,533
1948 ⁴	23,110	1,971	309	2,127.3	518.9	799	90,644	362,062

¹ Includes acreage planted in preceding fall for harvest in the year shown.² Grain and sweet sorghums for all uses, including sirup.³ Acreage seeded in preceding fall.⁴ Preliminary.⁵ Acreage in cultivation July 1.⁶ Includes harvested acreage of the following crops: Rye, hay (including tame and wild), sweet-clover seed, timothy seed, soybeans for beans, cowpeas for peas, peanuts picked and threshed, tobacco, sugarcane, broomcorn, and 21 truck crops (11 for processing:—asparagus, snap beans, lima beans, beets, cabbage, sweet corn, cucumbers, peas, pimientos, spinach, and tomatoes; 19 for market: artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups, including Honey Dews, Honey Balls, and miscellaneous melons, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons). Alfalfa seed, red clover seed, alsike clover seed, and lespedeza seed are included in the count of crops, but the acreage is not included because mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts picked and threshed, has been deducted. The harvested instead of the planted acreage of rye is included because most of the rye acreage not harvested is planted to other crops or used for pasture. Excludes grains cut for hay because part of the acreage shown as planted to wheat, oats, and barley is included in grain hay.⁷ Includes crops listed separately in this table, plus those mentioned in footnote 6. (Sorghums counted as 2 crops, grain and sweet.)

Bureau of Agricultural Economics.

TABLE 644.—Harvested acreage (average 1937-46) and value of production of principal crops, by States, annual 1946-48

State and division	Harvested acreage of 52 crops (excluding duplications) ¹				Farm value of 72 crops ¹		
	Average 1937-46	1946	1947	1948 ²	1946	1947	1948 ²
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	1,223	1,213	1,187	1,189	109,273	121,929	132,376
New Hampshire.....	396	404	400	393	13,476	15,477	13,942
Vermont.....	1,111	1,163	1,140	1,149	39,375	44,727	43,908
Massachusetts.....	447	458	443	442	59,487	56,034	51,361
Rhode Island.....	51	54	51	51	5,096	5,644	4,936
Connecticut.....	381	391	383	379	56,507	61,453	55,965
New York.....	6,512	6,466	6,110	6,482	362,444	349,195	377,829
New Jersey.....	798	826	802	807	109,470	104,829	101,888
Pennsylvania.....	6,100	6,187	5,930	5,965	346,687	368,486	340,455
North Atlantic.....	17,019	17,160	16,447	16,857	1,101,815	1,127,774	1,122,660
Ohio.....	10,242	10,601	10,156	10,819	585,974	610,089	628,053
Indiana.....	10,425	10,864	10,678	11,252	607,502	705,545	670,797
Illinois.....	19,366	20,226	19,797	20,508	1,237,546	1,278,331	1,269,808
Michigan.....	7,831	8,234	7,818	8,322	414,937	426,741	429,800
Wisconsin.....	10,239	10,350	10,335	10,330	490,106	579,602	473,973
Minnesota.....	18,951	19,010	18,789	19,167	748,065	944,396	852,457
Iowa.....	21,347	22,062	21,448	21,946	1,321,988	1,054,216	1,265,972
Missouri.....	12,520	12,478	12,134	13,317	522,446	498,309	635,225
North Dakota.....	18,278	20,342	21,434	20,905	496,443	731,804	579,952
South Dakota.....	14,802	16,789	17,250	17,602	453,562	539,458	484,142
Nebraska.....	19,160	19,779	19,341	19,260	683,721	691,922	667,140
Kansas.....	21,721	22,558	23,588	21,821	641,383	898,205	713,482
North Central.....	184,882	193,293	192,769	195,250	8,203,673	8,958,618	8,670,801
Delaware.....	382	396	400	402	22,917	24,620	20,190
Maryland.....	1,657	1,648	1,666	1,684	114,165	117,575	101,148
Virginia.....	3,818	3,660	3,678	3,795	298,452	289,663	310,562
West Virginia.....	1,396	1,311	1,308	1,294	65,770	68,635	65,885
North Carolina.....	6,332	6,089	6,332	6,028	807,852	772,997	766,745
South Carolina.....	4,734	4,267	4,417	4,195	361,750	330,940	343,456
Georgia.....	8,343	7,211	7,358	7,177	419,353	458,065	439,823
Florida.....	1,216	1,231	1,202	1,206	248,954	208,908	214,855
South Atlantic.....	27,877	25,814	26,361	25,780	2,339,213	2,271,403	2,262,664
Kentucky.....	5,300	5,192	5,135	5,206	422,087	436,792	413,303
Tennessee.....	6,138	5,626	5,750	5,728	378,036	402,004	375,708
Alabama.....	6,661	5,855	5,810	5,836	329,793	362,709	400,147
Mississippi.....	6,840	5,943	6,181	6,220	351,637	473,783	589,646
Arkansas.....	6,238	5,671	5,942	6,106	414,109	410,323	537,467
Louisiana.....	3,940	3,411	3,388	3,413	216,620	258,360	292,840
Oklahoma.....	13,160	13,290	13,794	13,312	358,995	464,788	417,502
Texas.....	27,279	26,937	28,731	27,926	936,850	1,451,913	1,146,839
South Central.....	75,555	71,926	74,730	73,747	3,408,127	4,260,672	4,173,452
Montana.....	6,990	7,965	8,483	8,769	215,910	275,600	281,472
Idaho.....	3,175	3,445	3,487	3,442	212,417	255,594	226,530
Wyoming.....	1,825	1,826	1,941	1,913	59,222	73,161	60,094
Colorado.....	5,826	6,037	6,571	6,516	244,451	365,040	281,299
New Mexico.....	1,588	1,337	1,712	1,658	68,728	90,490	86,093
Arizona.....	734	809	858	968	103,705	119,888	153,065
Utah.....	1,115	1,158	1,164	1,171	69,804	80,870	69,676
Nevada.....	454	489	484	495	17,601	16,377	15,854
Washington.....	3,839	4,177	4,215	4,207	366,865	348,061	360,715
Oregon.....	2,724	2,903	2,903	2,962	209,407	207,559	208,249
California.....	6,060	6,534	6,775	7,123	1,477,746	1,309,540	1,284,360
Western.....	34,329	36,739	38,592	39,223	3,045,856	3,141,680	3,027,407
United States.....	339,663	344,932	³ 348,899	³ 350,857	18,098,684	19,760,147	19,256,984

See footnotes on page 590.

TABLE 645.—Harvested acreage of principal crops, United States, 1929-48

Year	Corn, all	Oats	Barley	Sorghums for grain	Total, 4 feed grains	Wheat	Rye	Buckwheat	Rice	Total, 4 food grains	Flaxseed	Cotton
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	97,805	38,153	13,564	3,523	153,045	63,392	3,138	629	860	68,019	3,049	43,232
1930	101,465	39,847	12,629	3,477	157,418	62,637	3,646	574	966	67,823	3,780	42,444
1931	106,866	40,193	11,181	4,443	162,683	57,704	3,159	507	965	62,335	2,431	38,704
1932	110,577	41,700	13,206	4,400	169,883	57,851	3,350	454	874	62,529	1,988	35,891
1933	105,918	36,528	9,641	4,354	156,441	49,424	2,405	460	798	53,087	1,341	29,383
1934	92,193	29,455	6,577	2,396	130,621	43,347	1,921	475	812	46,555	1,002	26,866
1935	95,974	40,109	12,436	4,597	153,116	51,305	4,066	505	817	56,693	2,126	27,509
1936	93,154	33,654	8,329	2,793	137,930	49,125	2,694	379	981	53,179	1,125	29,755
1937	93,930	35,542	9,969	4,915	144,356	64,169	3,825	421	1,099	69,514	927	33,623
1938	92,160	36,042	10,610	4,699	143,511	69,197	4,087	448	1,076	74,808	905	24,248
1939	88,279	33,460	12,739	4,760	139,238	52,669	3,822	370	1,045	57,906	2,171	23,805
1940	86,429	35,431	13,525	6,374	141,759	53,273	3,204	388	1,069	57,934	3,182	23,861
1941	85,357	38,161	14,276	6,015	143,809	55,935	3,573	337	1,214	61,059	3,266	22,236
1942	87,367	38,197	16,958	5,991	148,513	49,773	3,792	375	1,457	55,397	4,408	22,602
1943	92,060	38,914	14,900	6,889	152,763	51,355	2,652	505	1,472	55,984	5,691	21,610
1944	94,014	39,672	12,301	9,385	155,372	59,749	2,132	515	1,480	63,876	2,610	19,651
1945	88,079	41,933	10,465	6,408	146,885	65,120	1,856	409	1,494	68,879	3,785	17,059
1946	88,489	43,205	10,411	6,773	148,878	67,075	1,607	391	1,574	70,647	2,432	17,615
1947	83,932	38,451	11,014	5,629	139,026	74,389	2,010	518	1,693	78,610	4,030	21,269
1948 ¹	85,439	40,191	12,046	7,298	144,974	71,904	2,097	337	1,743	76,081	4,737	22,768

Year	Hay, all	Sorghums for forage	Sorghums for silage	Sweetclover seed	Timothy seed	Beans, dry, edible	Peas, dry, field	Soybeans for beans	Cowpeas for peas	Peanuts picked and threshed	Total, 5 annual legumes
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929	69,531	4,609	103	292.6	437.3	1,845	192	708	586	1,262	4,593
1930	67,947	5,089	106	219.0	435.7	2,160	229	1,074	674	1,073	5,210
1931	68,160	5,392	133	253.1	608.9	1,947	241	1,141	1,139	1,440	5,908
1932	70,412	6,172	232	213.7	454.5	1,431	219	1,001	1,190	1,501	5,342
1933	68,439	6,697	377	215.5	325.5	1,729	258	1,044	1,086	1,217	6,334
1934	65,387	8,182	816	216.7	149.6	1,461	277	1,556	1,190	1,514	5,998
1935	68,550	9,072	666	243.8	1,000.8	1,865	320	2,915	1,057	1,497	7,684
1936	67,732	6,975	749	377.4	381.6	1,626	236	2,359	1,366	1,660	7,247
1937	66,001	6,036	580	309.6	591.4	1,695	227	2,586	1,472	1,538	7,518
1938	68,175	8,636	740	525.6	441.9	1,643	165	3,035	1,386	1,692	7,921
1939	69,243	9,826	904	555.8	490.2	1,679	169	4,315	1,331	1,908	9,452
1940	73,058	11,729	1,081	348.2	398.9	1,903	247	4,807	1,432	2,052	10,441
1941	73,136	10,481	1,233	349.1	375.3	2,019	291	5,889	1,483	1,900	11,582
1942	74,827	7,865	927	225.2	437.4	1,925	493	9,894	1,241	3,355	16,908
1943	77,004	8,404	913	178.0	431.0	2,362	795	10,397	852	3,528	17,934
1944	77,541	7,587	879	284.5	364.7	1,996	719	10,232	712	3,068	16,727
1945	77,017	7,504	680	239.1	362.2	1,485	518	10,661	648	3,160	16,472
1946	74,173	6,240	644	235.7	365.3	1,616	498	9,806	566	3,142	15,628
1947	75,489	4,871	669	216.7	397.4	1,759	520	11,212	587	3,380	17,458
1948 ¹	73,616	5,144	633	188.2	131.7	1,917	292	10,311	531	3,311	16,362

See footnotes at end of table.

FOOTNOTES FOR TABLE 644:

¹ Includes all corn, all wheat, oats, barley, rye, buckwheat, flaxseed, rice, sorghums for grain, sorghums for forage and silage, cotton, hay, timothy seed, sweetclover seed, dry edible beans, soybeans for beans, cowpeas for peas, peanuts picked and threshed, dry field peas, sorgo for sirup, sugarcane, sugar beets, potatoes, sweetpotatoes, tobacco, broomcorn, artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups (including Honey Dew melons, Honey Ball melons, and miscellaneous melons), carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, lettuce, onions, green peas, peppers, pimientos, spinach, tomatoes, and watermelons. Red clover seed, alsike clover seed, lespedeza seed, and alfalfa seed are included in the count of crops, but the acreage is not included because it is mostly duplicated in the hay acreage. Farm value also includes apples (commercial crop), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons, (California) limes (Florida), plums (2 States), all prunes, apricots (3 States), figs (2 States), olives (California), almonds (California), walnuts (2 States), pecans, maple products, and hops. ² Preliminary.

³ Unrevised. Differs from tables 645 and 646, which show revisions made after December 1948.

Bureau of Agricultural Economics.

TABLE 645.—Harvested acreage of principal crops, United States, 1929-48
—Continued

Year	Potatoes	Sweet-potatoes	21 truck crops		Tobacco	Sugar beets	Sorgo for sirup	Sugar-cane, all	Broom-corn	52 crops harvested ⁴	52 crops planted or grown ⁵	Total 22 fruits and nuts (bearing age) ⁶
			11 for processing ²	19 for market ³								
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1929.....	3,030.2	647	1,181	1,343	1,980.0	688	143	314.0	310	355,295	363,028	5,045.9
1930.....	3,138.9	670	1,375	1,489	2,124.2	776	190	314.5	392	359,896	369,550	5,028.8
1931.....	3,489.5	854	1,117	1,526	1,988.1	713	313	310.4	314	355,818	370,589	5,033.9
1932.....	3,568.2	1,059	779	1,578	1,404.6	764	354	365.9	313	361,794	375,471	5,037.0
1933.....	3,422.6	907	894	1,492	1,739.4	983	360	375.8	277	330,850	373,124	5,020.7
1934.....	3,599.2	959	1,153	1,677	1,273.1	770	330	413.6	305	294,736	338,965	4,999.1
1935.....	3,468.8	944	1,454	1,646	1,439.1	763	285	427.4	501	336,050	361,889	4,876.9
1936.....	2,959.9	769	1,365	1,744	1,440.9	776	245	402.2	309	313,845	360,239	4,742.8
1937.....	3,054.9	768	1,562	1,664	1,752.8	753	210	450.2	282	338,452	363,020	4,640.8
1938.....	2,870.1	793	1,394	1,704	1,600.7	925	197	446.9	267	338,445	354,266	4,542.8
1939.....	2,812.8	728.0	1,154	1,704	1,999.7	918	189	418.9	228	321,884	342,645	4,452.3
1940.....	2,832.1	647.7	1,394	1,647	1,410.2	912	186	369.7	268	331,606	347,826	4,442.6
1941.....	2,692.6	730.9	1,664	1,618	1,306.5	755	176	398.7	250	335,310	347,655	4,432.7
1942.....	2,670.8	687.0	1,997	1,588	1,377.3	954	221	429.9	230	339,307	351,320	4,435.8
1943.....	3,239.0	856.6	1,958	1,509	1,458.0	550	207	431.9	244	347,771	361,534	4,441.3
1944.....	2,785.6	726.0	1,984	1,808	1,751.1	555	187	412.3	382	352,538	365,168	4,452.0
1945.....	2,700.2	671.2	1,943	1,820	1,822.5	713	159	423.4	279	346,486	356,884	4,475.2
1946.....	2,598.5	676.1	2,062	1,973	1,963.4	802	177	430.8	300	344,932	354,689	4,487.6
1947.....	2,100.9	593.9	1,881	1,766	1,852.7	881	161	433.2	232.5	348,907	358,533	-----
1948 ¹	2,099.0	513.8	1,695	1,735	1,554.6	694	110	414.6	189.5	350,723	362,062	-----

¹ Preliminary.

² Asparagus, snap beans, lima beans, beets, cabbage, sweet corn, cucumbers, peas, pimientos, spinach, and tomatoes.

³ Artichokes, asparagus, snap beans, lima beans, beets, cabbage, cantaloups (including Honey Dew melons, Honey Ball melons, and miscellaneous melons), carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons grown commercially for market. Excludes farm gardens and most market gardens.

⁴ Totals are for crops shown in preceding columns. Alfalfa seed, red clover seed, alsike clover seed, and lespedeza seed are included in the count of crops, but the acreage is not included because mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts picked and threshed, has been deducted. Other crops not included are sweet corn for market, some of the less important commercial vegetables (70,400 acres in 1943), farm gardens, most market gardens, hops, spelt, hemp, velvetbeans, various legumes and other crops harvested by livestock, minor crops, and fruits and nuts. The acreages shown include some crops harvested in succession from the same land.

⁵ Preceding column plus estimates of acreages planted and not harvested because of abandonment, except that an allowance has been made for the grain harvested as hay.

⁶ Apples (all apples, 1929-33; in commercial areas only, 1934-48), peaches, pears, grapes, cherries, plums, prunes, apricots, figs, olives, avocados, cranberries, dates, persimmons, pomegranates, oranges (including tangerines), grapefruit, lemons, limes, walnuts, and filberts.

Bureau of Agricultural Economics. Data for 1909-28 (46 crops) in Agricultural Statistics, 1942, table 716. See planted acreage in table 643.

TABLE 646.—Crops: Acreage and production (average 1937-46), and farm value, United States, annual 1947 and 1948

Crop	Acreage planted			Acreage harvested			Production				Farm value	
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Unit	Average 1937-46	1947	1948 ¹	1947	1948 ¹
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars
Corn, all.....	91,696	86,108	86,196	89,616	83,932	85,439	Bushels.....	2,813,529	2,383,970	3,650,548	5,145,345	4,778,447
Wheat, all.....	² 66,296	² 78,169	² 77,749	58,832	74,389	71,904	do.....	942,623	1,367,186	1,288,406	³ 3,128,587	³ 2,640,695
Winter.....	⁴ 47,684	⁴ 58,133	⁴ 58,161	41,724	54,835	52,859	do.....	688,606	1,068,048	990,098	2,397,281	2,030,210
All spring.....	18,612	20,036	19,588	17,107	19,554	19,045	do.....	254,017	299,138	298,308	730,542	610,535
Durum.....	2,701	2,975	3,245	2,549	2,948	3,187	do.....	34,619	44,328	44,742	112,642	93,591
Other spring.....	15,911	17,061	16,343	14,558	16,606	15,858	do.....	219,398	254,810	253,566	617,900	516,944
Oats.....	² 42,130	² 42,301	² 44,529	38,056	38,451	40,191	do.....	1,231,814	1,199,422	1,491,752	1,257,043	1,086,854
Barley.....	² 14,632	² 12,102	² 13,295	12,066	11,014	12,046	do.....	298,811	281,185	317,037	477,828	371,044
Rye.....	⁴ 5,640	⁴ 3,704	⁴ 3,790	3,055	2,010	2,097	do.....	37,398	25,975	26,388	58,731	37,934
Buckwheat.....	446	559	355	416	337	337	do.....	7,022	7,334	6,324	13,908	7,199
Flaxseed.....	² 3,189	² 4,161	² 4,889	2,938	4,030	4,737	do.....	26,756	40,536	52,533	249,331	302,377
Rice.....	1,319	1,703	1,757	1,298	1,693	1,743	do.....	60,460	78,259	81,170	210,368	182,842
Popcorn.....	126	86	153	120	82	149	Pounds.....	170,810	102,325	293,160	4,825	12,386
Sorghums for grain.....				6,221	5,629	7,298	Bushels.....	99,791	96,016	131,644	175,947	162,003
Sorghums for forage.....				8,431	4,871	5,144	Tons.....	11,975	6,078	7,616	105,236	118,765
Sorghums for silage.....				858	669	633	do.....	4,969	3,448	4,549		
Cotton, lint.....	⁵ 23,274	⁵ 21,500	⁵ 23,110	22,631	21,269	22,768	Bales.....	12,014	11,857	14,868	1,892,528	2,241,077
Cottonseed.....							Tons.....	4,947	4,681	5,941	402,015	400,259
Hay, all.....				73,018	75,489	73,616	do.....	97,563	102,765	99,846	1,809,234	1,884,966
Alfalfa seed.....				854	996	614	Bushels.....	1,260	1,700	990	25,868	24,701
Red clover seed.....				1,646	1,394	1,830	do.....	1,578	1,262	1,774	35,421	46,080
Alsike clover seed.....				139	128	140	do.....	325	375	388	7,209	6,578
Sweetclover seed.....				325	217	188	do.....	853	574	533	3,702	4,437
Lespedeza seed.....				809	732	975	Pounds.....	167,695	149,760	241,560	17,770	21,369
Timothy seed.....				426	397	132	Bushels.....	1,525	1,589	424	3,262	1,906
Sudan grass seed.....				138	57	59	Pounds.....	49,763	21,540	23,800	1,365	1,353
Beans, dry, edible.....	2,008	1,839	1,971	1,832	1,759	1,917	Bags ⁶	16,716	17,218	20,833	⁷ 183,400	⁷ 153,711
Peas, dry, field.....	460	551	309	412	520	292	Bags ⁶	5,278	6,513	3,584	⁷ 32,050	⁷ 16,169
Soybeans for beans.....	⁸ 12,069	⁸ 13,709	⁸ 12,428	7,162	11,212	10,311	Bushels.....	134,642	183,558	220,201	612,290	499,460
Cowpeas for peas.....	⁸ 4,175	⁸ 1,648	⁸ 1,581	1,117	587	531	do.....	5,854	3,466	3,416	17,186	14,846
Peanuts picked and threshed.....	⁸ 3,674	⁸ 4,366	⁸ 4,146	2,534	3,380	3,311	Pounds.....	1,750,704	2,182,895	2,338,470	220,360	245,958
Velvetbeans ⁹				1,885	1,036	821	Tons.....	763	407	350	13,620	11,636
Potatoes.....	² 2,897	² 2,136	² 2,127	2,826	2,101	2,099	Bushels.....	392,143	389,048	445,850	628,646	689,636
Sweetpotatoes.....	733	611	519	728	594	514	do.....	64,866	55,746	49,806	120,879	111,272
Tobacco.....				1,644	1,853	1,555	Pounds.....	1,664,265	2,110,131	1,981,730	918,633	953,075
Sorgo sirup.....				191	110	110	Gallons.....	11,437	9,845	7,625	17,356	12,676
Sugarcane for sugar and seed.....				297	321	334	Tons.....	6,060	5,297	6,847	37,974	39,949
Sugarcane sirup.....				124	112	81	Gallons.....	21,113	20,270	13,790	23,783	13,471
Sugar beets.....	² 854	² 968	² 799	784	881	694	Tons.....	9,771	12,503	9,422	148,377	98,280
Maple sugar.....	¹⁰ 9,592			¹⁰ 8,568	¹⁰ 8,568	¹⁰ 8,059	Pounds.....	508	305	229	259	190
Maple sirup.....	¹⁰ 9,592			¹⁰ 8,568	¹⁰ 8,568	¹⁰ 8,059	Gallons.....	2,273	2,039	1,445	10,559	6,910
Broomcorn.....				276	232	190	Tons.....	43	34	30	10,323	9,096
Hops.....				35	40	40	Pounds.....	43,532	50,098	49,819	34,243	27,276

Apples, commercial crop							Bushels	11 115, 058	11 113, 041	11 88, 407	194, 312	195, 048
Peaches, total							do	11 66, 725	11 82, 270	11 65, 352	134, 889	133, 820
Pears, total							do	11 30, 222	11 35, 312	11 26, 334	68, 392	66, 608
Grapes, total							Tons	11 2, 705	11 3, 036	11 3, 044	122, 147	120, 321
Cherries (12 States)							do	11 170	11 172	11 214	38, 333	46, 721
Apricots (3 States)							do	11 240	11 202	11 247	17, 790	15, 050
Plums (2 States)							do	11 79	11 78	11 70	12, 038	10, 330
Prunes, dried (3 States)							do	11 216	11 200	11 184	29, 659	26, 840
Prunes, other than dried (3 States)							do	11 98	11 93	11 84	6, 929	4, 691
Oranges (5 States)							Boxes	93, 087	114, 510	103, 870	12 145, 429	181, 746
Grapefruit (4 States)							do	47, 478	61, 630	46, 050	12 27, 574	37, 141
Lemons (Calif.)							do	12, 808	12, 870	9, 100	32, 432	30, 485
Cranberries (5 States)							Barrels	674	790	968	13, 487	9, 753
Pecans							Pounds	109, 476	118, 639	177, 667	26, 780	21, 851
Tung nuts (5 States)							Tons	13 21	53	67	3, 452	3, 677
TRUCK CROPS:												
Artichokes				8.9	7.2	7.4	Boxes	818	761	820	2, 283	2, 870
Asparagus, total				127.2	121.8	123.6					29, 781	27, 341
For fresh market				13 59.3	47.2	42.7	Crates	13 4, 587	4, 350	3, 721	16, 298	13, 217
For processing	13 73.5	74.6	80.9	13 67.9	74.6	80.9	Tons	13 81.8	100.1	91.8	13, 483	14, 124
Beans, green lima, total				76.8	97.6	100.5					11, 450	14, 565
For fresh market				20.3	16.0	14.5	Bushels	11 1, 368	11 1, 421	11 1, 280	3, 401	3, 456
For processing	61.5	88.5	90.4	56.5	81.6	86.0	Tons 14	31.9	56.5	69.5	8, 049	11, 109
Beans, snap, total				280.3	284.5	268.5					51, 855	62, 478
For fresh market				175.8	182.1	174.0	Bushels	11 16, 412	11 17, 614	11 17, 534	34, 243	40, 860
For processing	110.5	108.7	99.0	104.5	102.4	94.5	Tons	173.8	169.3	178.9	17, 612	21, 618
Beets, total				26.8	20.2	23.4					3, 065	4, 348
For fresh market				11.8	10.0	10.4	Bushels	11 2, 177	11 1, 942	1, 972	1, 593	2, 100
For processing	16.2	10.9	13.6	15.0	10.2	13.0	Tons	115.1	74.6	97.4	1, 472	2, 248
Cabbage, total				189.7	171.9	198.8					49, 114	41, 854
For fresh market				169.8	162.1	179.5	do	11 1, 180.2	11 1, 142.3	11 1, 334.1	47, 869	38, 806
For sauerkraut	20.8	10.1	19.7	19.9	9.8	19.3	do	177.6	72.3	201.9	1, 245	3, 048
Cantaloups				105.4	129.9	122.4	Crates	11 10, 057	11 12, 541	11 12, 068	40, 539	35, 612
Carrots				65.5	70.4	75.4	Bushels	11 21, 703	11 23, 029	11 26, 128	38, 266	48, 611
Cauliflower				32.0	39.5	38.3	Crates	11 9, 511	11 11, 499	11 12, 375	17, 411	17, 277
Celery				41.4	41.3	40.3	do	11 17, 914	20, 606	11 22, 831	56, 759	41, 023
Corn, sweet, total				481.0	560.5	535.6					30, 107	41, 821
For fresh market 15				54.6	67.9	61.2	Ears	271, 370	325, 520	329, 520	7, 385	10, 567
For processing	453.9	545.7	499.6	426.4	492.6	474.4	Tons	1, 025.9	1, 091.6	1, 326.2	22, 722	31, 254
Cucumbers, total				142.6	187.2	177.5					27, 159	31, 578
For fresh market				44.7	59.9	55.1	Bushels	11 4, 920	11 6, 470	11 6, 626	13, 335	15, 682
For pickles	109.0	141.8	136.6	97.8	127.3	122.4	do	7, 286	10, 233	11 9, 642	13, 824	15, 896
Eggplant				4.9	5.6	6.7	do	11 1, 147	1, 093	11 1, 645	2, 072	2, 072
Escarole				1.6	2.7	3.1	do	889	958	11 1, 426	1, 293	1, 285
Honey Ball melons				2.5	.6	1.1	Crates	273	70	66	357	261
Honey Dew melons				13.4	15.0	11.7	do	3, 205	3, 487	3, 129	7, 039	5, 684
Kale				1.7	1.8	1.3	Bushels	649	625	525	375	551
Lettuce				160.6	190.3	201.5	Crates	11 24, 818	11 34, 170	11 33, 850	108, 226	103, 659
Onions				134.7	119.0	128.7	Sacks	11 36, 128	35, 799	11 40, 889	73, 352	58, 897
Peas, green, total				467.7	472.5	410.4					47, 381	38, 937
For fresh market				82.5	44.4	37.6	Bushels	11 7, 225	11 4, 389	11 3, 640	9, 472	7, 666
For processing	412.7	460.6	412.4	385.2	428.1	372.8	Tons 14	366.2	434.8	347.0	37, 909	31, 271

See footnotes at end of table.

CROP ACREAGE, PRODUCTION, AND VALUE

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TABLE 646.—Crops: Acreage and production (average 1937-46), and farm value, United States, annual 1947 and 1948—Continued

Crop	Acreage planted			Acreage harvested			Production				Farm value	
	Average 1937-46	1947	1948 ¹	Average 1937-46	1947	1948 ¹	Unit	Average 1937-46	1947	1948 ¹	1947	1948 ¹
TRUCK CROPS:—Continued	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Peppers, green.....				24.5	31.2	33.2	Bushels.....	¹¹ 5,532	¹¹ 6,038	¹¹ 7,470	14,323	12,628
Pimientos for processing.....	14.3	16.7	14.3	13.8	16.7	14.3	Tons.....	17.3	19.6	17.9	1,178	1,252
Shallots.....				5.0	4.7	4.8	Bushels.....	572	443	509	882	836
Spinach, total.....				100.4	86.0	81.0					13,301	13,282
For fresh market.....				69.0	62.0	59.4	Bushels.....	¹¹ 14,548	¹¹ 12,241	¹¹ 12,644	11,129	11,030
For processing.....	31.6	25.0	22.1	31.5	24.0	21.6	Tons.....	73.0	65.5	48.9	2,172	2,252
Tomatoes, total.....				724.3	753.4	646.5					184,849	176,897
For fresh market.....				231.6	242.0	236.0	Bushels.....	¹¹ 27,368	29,386	¹¹ 29,414	91,992	96,614
For processing.....	515.0	531.7	424.8	492.7	511.4	410.5	Tons.....	2,582.7	3,242.8	2,847.6	92,857	80,283
Watermelons.....				245.0	290.0	255.5	Melons.....	¹¹ 67,606	¹¹ 81,063	73,142	24,173	28,347
Total of above truck crops:				3,477.8	3,721.5	3,511.5	Tons.....	12,036.9	13,528.0	13,796.1	836,590	813,916
Fresh market.....				1,766.5	1,842.8	1,801.8	do.....	¹¹ 7,216.6	¹¹ 7,965.3	¹¹ 8,337.6	624,067	599,561
Processing.....	1,813.4	2,014.3	1,813.4	1,711.2	1,878.7	1,709.7	do.....	4,820.3	5,562.7	5,458.5	212,523	214,355
Garlic.....				4.0	4.2	3.0	Sacks.....	172	188	130	1,882	2,561
Mint.....				43.9	61.7	57.9	Pounds of oil.....	1,303	2,084	2,188	13,807	12,565
Potatoes, commercial early ¹⁸				347.2	304.8	320.8	Bushels.....	¹¹ 56,281	66,491	76,780	102,604	125,801
Strawberries.....				130.7	116.4	120.9	Crates.....	9,329	8,895	9,992	67,174	80,621
Total 52 crops¹⁷.....				339,663	348,907	350,723						
Total 72 crops.....											¹⁸ 19,760,147	¹⁸ 19,256,984

¹ Preliminary.² Includes acreage planted in preceding fall.³ Value of "all wheat" differs slightly from sum of wheat by kinds because of rounding of "all wheat" price.⁴ Acreage seeded in preceding fall.⁵ Acreage in cultivation July 1.⁶ Bags of 100 pounds (uncleaned).⁷ Values apply to the production of cleaned beans or peas.⁸ Acres grown alone, plus one-half the interplanted acres.⁹ All purposes.¹⁰ 1,000 trees tapped.¹¹ Includes some quantities not harvested. Values apply only to that portion of the crop utilized.¹² Estimates of farm value apply to the entire crop, exclusive of that portion donated to charity, unharvested, and/or not utilized on account of economic conditions.¹³ Short-time average.¹⁴ Shelled basis.¹⁵ New York, New Jersey, and Pennsylvania.¹⁶ Data for "Commercial early potatoes" are included in "Potatoes" on page 592.¹⁷ Excludes crops not harvested, minor crops, duplicated seed acreages, strawberries, and other fruits.¹⁸ Total values do not include revisions made after December 1948, which are shown in this table.

Bureau of Agricultural Economics.

TABLE 647.—*Livestock and livestock products: Production and value, United States, average 1937-46, annual 1946-48*

Product	Production ¹				Value of production			
	Average 1937-46	1946	1947	1948 ²	Average 1937-46	1946	1947	1948 ³
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves ¹	17,126,435	18,781,924	19,054,920	18,376,045	1,724,077	2,735,993	3,557,322	4,116,356
Sheep and lambs ¹	2,038,517	1,763,298	1,579,402	1,406,551	192,529	248,240	288,685	287,577
Hogs ¹	18,368,956	19,041,127	18,666,554	18,789,312	2,071,294	3,321,243	4,477,061	4,334,137
Chickens ³	3,301,989	3,553,187	3,639,308	3,416,645	704,315	1,031,966	1,025,711	1,103,144
Turkeys.....	540,350	720,177	625,663	578,934	142,757	261,694	227,507	269,859
Milk.....	113,515,500	119,713,000	119,065,000	115,511,000	2,799,351	4,569,667	4,963,610	5,433,920
Wool (shorn).....	353,114	280,487	252,798	233,924	121,152	118,639	106,052	114,072
Mohair.....	19,772	19,329	18,476	16,569	10,458	11,803	9,923	7,526
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>				
Eggs.....	46,845,000	55,590,000	55,252,000	55,168,000	1,120,643	1,737,640	2,079,846	2,162,940
Horses ⁴	567	386	350	301	43,722	22,039	19,759	15,712
Mules ⁴	96	108	93	86	10,036	11,306	10,076	7,926

¹ For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

² Preliminary.

³ Including commercial broiler production.

⁴ Coming 4 years of age.

Bureau of Agricultural Economics.

TABLE 648.—Index numbers of the volume of agricultural production for sale and for consumption in the farm home, United States, 1929-48

[1935-39=100]

Year	Livestock and products ¹				Crops ²										All commodities
	Meat animals ³	Poultry and eggs ⁴	Dairy products ⁵	All livestock and products ⁶	Food grains ⁷	Feed grains and hay ⁸	Cotton and cotton-seed	Oil-bearing crops ⁹	Tobacco	Truck crops ¹⁰	Fruits and tree nuts ¹¹	Vegetables ¹²	Sugar crops ¹³	All crops ¹⁴	
1929	103	100	93	99	113	103	113	62	105	87	73	90	74	98	99
1930	100	106	94	99	109	83	105	68	113	91	89	90	85	86	98
1931	103	101	96	100	114	92	123	66	108	83	98	98	78	104	102
1932	101	99	97	99	92	113	98	60	70	79	82	100	88	92	96
1933	108	100	98	103	69	82	98	45	94	76	81	93	100	85	96
1934	117	96	98	106	64	41	74	57	74	88	86	101	82	72	93
1935	90	92	93	93	81	91	81	96	89	92	95	104	89	89	91
1936	103	99	99	101	79	58	95	72	80	96	81	88	94	82	94
1937	96	101	99	98	115	112	144	86	108	102	113	107	96	117	106
1938	102	101	102	102	124	115	91	103	95	104	100	102	114	105	103
1939	109	110	102	107	101	124	89	143	129	106	111	99	106	107	107
1940	118	112	105	112	110	114	95	171	101	111	110	101	104	107	110
1941	118	120	110	115	131	125	83	187	87	116	113	100	97	110	113
1942	132	139	114	127	139	129	98	300	97	129	116	104	110	121	124
1943	150	162	113	139	116	125	87	325	97	124	108	125	81	114	129
1944	155	166	115	143	148	153	94	270	135	137	123	106	81	128	137
1945	147	170	119	141	155	144	68	291	137	142	113	110	94	122	134
1946	145	160	119	138	164	172	66	277	160	158	133	128	103	135	137
1947	145	157	117	137	197	131	93	300	145	141	129	107	110	136	136
1948 ¹⁵	134	153	114	130	184	204	117	358	136	142	114	123	89	151	138

¹ Volume of sales and home consumption during the calendar year.² Total crop production, minus quantities retained for feed or seed and quantities not harvested or lost.³ Cattle and calves, hogs, sheep and lambs, and their products.⁴ Chicken eggs, commercial broilers, chickens, and turkeys.⁵ Farm butter, cream, wholesale milk, and retail milk.⁶ Also includes wool and mohair.⁷ Wheat, rye, rice, and buckwheat.⁸ Corn, oats, barley, grain, sorghums, and hay.⁹ Soybeans, peanuts, and flaxseed.¹⁰ For fresh consumption (artichokes, asparagus, lima beans, snap beans, beets, cabbage, cantaloups, carrots, cauliflower, celery, cucumbers, eggplant, lettuce, onions, peas, peppers, spinach, tomatoes, and watermelons), and for processing (asparagus, lima beans, snap beans, beets, cabbage, sweet corn, cucumbers, peas, spinach, and tomatoes).¹¹ Apples, peaches, pears, grapes, cherries, apricots, strawberries, cranberries, oranges, grapefruit, lemons, olives, dried figs, plums, dried prunes, almonds, walnuts, and pecans.¹² Dry edible beans, potatoes, and sweetpotatoes.¹³ Sugar beets, sugarcane for sugar, sugarcane sirup, sorgo sirup, and maple sugar and sirup.¹⁴ Also includes cowpeas and hops.¹⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1909-28 in Agricultural Statistics, 1946, table 612. See companion table 649 in this book.

TABLE 649.—Index numbers of gross farm production, farm output, and production, by groups of products, United States, 1929-48¹

[1935-39=100]

Year	Gross farm production ²	Farm output ³	Farm produced power ⁴	Product added by livestock ⁵		Crops and pasture ⁶									
				All livestock	Livestock, horses and mules excluded	All crops and pasture ⁶	Feed grains, hay, and pasture ⁷	Food grains ⁸	Truck crops ⁹	Vegetables except truck crops ¹⁰	Fruits and tree nuts	Sugar crop ¹¹	Cotton and cottonseed	Tobacco	Oil crops ¹²
1929	101	97	124	101	97	100	103	106	86	92	86	72	113	103	60
1930	98	95	120	102	99	96	94	115	86	94	84	83	106	112	66
1931	105	104	116	103	101	106	103	122	86	104	106	78	130	105	64
1932	102	101	112	103	101	102	113	93	86	104	86	91	98	68	59
1933	95	93	109	104	103	92	96	72	89	97	87	102	99	94	47
1934	82	79	107	98	97	76	72	69	86	111	82	84	73	74	58
1935	97	96	105	95	94	97	103	84	94	107	104	90	81	90	98
1936	87	85	103	100	99	83	77	83	93	90	81	95	94	80	74
1937	107	108	100	99	98	110	106	115	97	106	108	96	144	107	86
1938	104	105	97	101	101	105	108	120	106	101	97	114	91	94	102
1939	105	106	95	105	108	105	106	98	110	96	110	105	90	129	140
1940	108	110	92	107	110	108	111	107	111	102	108	102	96	99	165
1941	111	114	90	113	117	111	116	121	112	103	115	98	81	85	182
1942	123	128	87	123	130	123	129	126	118	108	117	110	97	96	287
1943	120	125	84	131	139	116	122	109	114	131	101	81	87	96	300
1944	124	130	80	129	138	122	124	136	122	110	120	80	93	133	255
1945	123	129	76	130	139	120	124	142	125	111	111	94	69	136	274
1946	126	134	71	125	135	127	128	146	141	128	131	103	66	159	265
1947 ¹³	121	129	64	124	135	120	109	173	128	108	126	108	89	149	281
1948 ¹³	131	140	59	120	131	135	134	164	129	119	119	90	114	130	336

¹ Average 1935-39 farm prices in each geographic division were used as weights in constructing indexes for each geographic division. United States totals were obtained by summing the geographic division quantity-price aggregates.

² The index of gross farm production measures calendar-year production of all crops and pasture consumed by all livestock, and the product added in the conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power.

³ Farm output is gross farm production minus farm-produced power of horses and mules. The index of farm output measures calendar-year production of farm products for human use.

⁴ Farm-produced power production is equal to the estimated cost (including depreciation) at 1935-39 average prices of raising and maintaining farm horses and mules each year. Farm-produced power production includes the feed and pasture consumed by horses and mules, and the product added in converting this feed and pasture into animal power.

⁵ Products added by livestock was derived by subtracting the estimated value, at 1935-39 average prices, of all feed (including commercial feeds) and pasture consumed by each class of livestock from the total value, at 1935-39 average prices, of livestock and livestock products.

⁶ Includes some miscellaneous crop production not included in separate crop groups shown.

⁷ Corn, oats, barley, grain sorghum, tame hay, wild hay, sorghum for forage, and estimated pasture consumed by all livestock.

⁸ Wheat, rye, rice, and buckwheat.

⁹ Commercial truck crops for fresh market shipment (except commercial early Irish potatoes and strawberries) and processing, market gardens, and farm gardens.

¹⁰ Potatoes (Irish), sweetpotatoes, dry edible beans, and dry peas.

¹¹ Sugar beets, sugarcane for sugar and seed, sugarcane sirup, sorgo sirup, maple sugar, and maple sirup.

¹² Soybeans for beans, peanuts, and flaxseed.

¹³ Preliminary.

Bureau of Agricultural Economics. Gross farm production and total farm output cover all production of the calendar year without duplication, but allowances have been set up for production not regularly reported in the available statistical series.

TABLE 650.—Index numbers of gross farm production, by geographic divisions, 1929-48¹

[1935-39=100]

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
1929	96	91	90	124	93	98	102	106	84	101
1930	99	92	86	123	91	85	94	111	88	98
1931	99	100	100	115	97	107	123	97	85	105
1932	96	95	99	127	79	90	111	101	88	102
1933	98	95	87	107	91	93	99	97	85	95
1934	97	95	81	71	87	91	77	85	86	82
1935	97	101	98	100	97	90	91	95	95	97
1936	98	94	86	76	90	92	86	92	97	87
1937	104	103	105	105	106	117	118	100	103	107
1938	98	101	104	109	98	104	103	110	103	104
1939	103	101	107	110	109	97	102	103	102	105
1940	104	102	105	117	108	96	110	111	107	108
1941	105	102	112	126	99	104	106	122	109	111
1942	114	109	119	148	112	113	116	129	114	123
1943	123	103	115	144	111	111	109	134	116	120
1944	116	108	116	145	121	113	120	132	123	124
1945	119	108	121	144	123	113	104	130	121	123
1946	124	118	124	148	128	109	104	129	132	126
1947 ²	120	111	111	133	125	110	114	136	130	121
1948 ²	122	115	127	153	126	124	114	138	130	131

¹ The indexes measure total crop production, pasture consumed by all livestock, and the product added in the conversion of feed and pasture into livestock and livestock products for human use and into farm-produced horse and mule power. The product-added method of combining crop and livestock production credits crop production to the geographic division in which the feed was grown, and credits livestock "manufacturing" production (product added) to the geographic division in which the feed was fed. Product added by livestock was derived by subtracting the estimated value, at 1935-39 average prices, of feed and pasture consumed by each class of livestock from the total value, at 1935-39 average prices, of livestock and livestock products.

The indexes of gross farm production measure calendar-year total production of each geographic division. ² Preliminary.

Bureau of Agricultural Economics.

TABLE 651.—Index numbers of farm output, by geographic divisions, 1929-48¹

[1935-39=100]

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
1929	92	88	87	121	90	96	98	102	82	97
1930	96	90	82	121	89	80	89	108	87	95
1931	96	99	99	113	96	108	124	93	83	104
1932	93	94	98	127	76	88	110	98	87	101
1933	96	94	85	105	90	92	97	94	84	93
1934	96	94	78	65	85	89	72	82	85	79
1935	96	100	97	99	97	88	88	93	95	96
1936	98	93	84	72	89	91	84	91	96	85
1937	104	103	106	105	107	120	121	100	103	108
1938	98	102	104	111	97	105	105	112	103	105
1939	104	102	109	113	110	96	102	104	103	106
1940	105	103	107	122	109	95	113	113	108	110
1941	107	104	116	132	99	104	109	125	110	114
1942	117	112	124	158	114	115	121	133	116	128
1943	127	106	120	154	113	113	113	139	117	125
1944	120	112	122	156	125	117	127	137	125	130
1945	123	113	128	155	127	116	109	136	124	129
1946	129	124	132	160	133	113	109	136	135	134
1947 ²	125	117	119	145	131	115	123	144	133	129
1948 ²	128	123	137	169	133	132	124	147	133	140

¹ See footnote 1, table 650. Farm output is gross farm production minus farm-produced power of horses and mules. Farm-produced power production is equal to the estimated cost (including depreciation) at 1935-39 average prices of raising and maintaining farm horses and mules each year. Farm-produced power production includes all feed and pasture consumed by horses and mules, and the product added in converting this feed and pasture into animal power.

The indexes of farm output measure calendar-year production of farm products for human use in each geographic division. ² Preliminary.

Bureau of Agricultural Economics.

TABLE 652.—Index numbers of industrial production in selected lines and income of industrial workers, United States, 1929-48

[1935-39=100]

Year	Iron and steel	Lumber	Machinery	Chemicals	Shoes	Bituminous coal	Crude petroleum	Income of industrial workers ¹
1929.....	133	152	130	89	89	135	86	134
1930.....	97	110	100	87	75	118	77	110
1931.....	61	74	66	78	78	96	73	84
1932.....	32	49	43	68	77	78	67	58
1933.....	64	64	50	76	86	84	77	61
1934.....	61	65	69	83	88	90	78	76
1935.....	81	86	83	89	95	94	85	86
1936.....	114	105	105	99	102	110	94	100
1937.....	123	111	126	112	102	112	109	117
1938.....	68	92	82	96	96	88	104	91
1939.....	114	106	104	112	105	99	108	105
1940.....	147	115	136	130	100	116	116	119
1941.....	186	129	221	176	123	129	120	169
1942.....	199	130	340	278	119	145	118	241
1943.....	208	119	443	384	114	147	128	322
1944.....	206	115	439	324	114	156	143	336
1945.....	183	98	343	284	110	144	146	291
1946.....	150	122	240	236	131	133	148	275
1947.....	195	132	² 276	251	116	155	159	332
1948 ³	208	134	277	254	115	147	172	364

¹ Computed from pay-roll data (factory and mining), as reported by the Bureau of Labor Statistics, and compensation of railway employees, from reports of the Interstate Commerce Commission.

² Revised.

³ Preliminary.

Bureau of Agricultural Economics. Compiled from records of Federal Reserve System except where noted. Data for 1923-28 in Agricultural Statistics, 1946, table 610.

TABLE 653.—Nutrients available for consumption per capita per day, United States, 1909-48¹

Year	Food energy (²)	Protein	Fat	Carbo- hy- drate	Cal- cium	Iron	Vita- min A value	Thia- mine	Ribo- fla- vin	Nia- cin	Ascor- bic acid
	<i>Calo- ries</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Milli- grams</i>	<i>Int'l. units</i>	<i>Milli- grams</i>	<i>Milli- grams</i>	<i>Milli- grams</i>	<i>Milli- grams</i>
1909.....	3,480	101	125	488	.85	15.0	7,600	1.78	1.88	17.8	105
1910.....	3,450	99	123	484	.82	14.8	7,400	1.70	1.82	17.4	105
1911.....	3,410	98	124	475	.80	14.4	7,200	1.70	1.80	17.0	97
1912.....	3,420	99	123	481	.87	14.8	7,400	1.76	1.88	17.2	104
1913.....	3,430	99	123	482	.85	14.4	7,200	1.70	1.84	16.6	100
1914.....	3,450	98	126	483	.83	14.4	7,100	1.70	1.79	16.4	100
1915.....	3,390	96	125	473	.83	14.2	7,400	1.68	1.81	16.5	105
1916.....	3,370	94	126	467	.82	14.2	7,200	1.66	1.77	16.0	95
1917.....	3,360	97	120	475	.84	14.5	7,600	1.63	1.81	16.4	100
1918.....	3,330	97	130	451	.88	15.1	7,700	1.68	1.92	16.9	105
1919.....	3,430	96	128	478	.86	15.1	7,900	1.64	1.86	16.7	100
1920.....	3,340	95	124	463	.87	14.5	7,800	1.64	1.84	16.3	107
1921.....	3,240	91	124	445	.85	13.8	7,500	1.59	1.81	15.7	100
1922.....	3,440	93	128	480	.86	14.3	7,900	1.63	1.85	16.3	105
1923.....	3,420	94	135	460	.85	14.4	7,600	1.74	1.85	16.5	107
1924.....	3,450	96	135	468	.87	14.6	7,200	1.71	1.87	16.4	109
1925.....	3,420	93	134	465	.86	14.1	7,200	1.63	1.84	16.2	103
1926.....	3,440	95	133	470	.87	14.0	7,500	1.60	1.85	16.1	103
1927.....	3,440	95	134	470	.88	14.4	7,800	1.66	1.86	16.2	108
1928.....	3,490	94	135	479	.88	14.4	7,400	1.70	1.87	16.3	106
1929.....	3,450	94	136	468	.90	14.2	7,900	1.69	1.89	16.1	113
1930.....	3,460	92	135	473	.89	14.1	7,500	1.66	1.88	15.8	100
1931.....	3,370	91	134	457	.89	14.1	7,900	1.66	1.88	15.8	110
1932.....	3,280	89	134	436	.89	13.5	8,300	1.65	1.87	15.7	111
1933.....	3,250	89	133	428	.89	13.6	7,800	1.62	1.85	15.7	106
1934.....	3,250	90	132	425	.89	13.9	7,900	1.58	1.84	15.9	109
1935.....	3,160	87	124	430	.90	13.7	8,200	1.49	1.83	15.1	114
1936.....	3,260	91	130	433	.91	14.3	7,600	1.52	1.86	15.6	110
1937.....	3,220	88	132	424	.92	13.8	8,200	1.54	1.89	15.5	111
1938.....	3,240	90	133	429	.94	14.0	8,300	1.56	1.91	15.6	117
1939.....	3,300	91	138	430	.95	14.3	8,300	1.63	1.93	15.8	120
1935-39 av....	3,240	89	131	429	.92	14.0	8,100	1.55	1.88	15.5	114
1940.....	3,320	92	143	424	.95	14.3	8,100	1.70	1.96	16.2	120
1941 ³	3,400	94	144	439	.98	14.8	8,300	1.78	2.00	17.1	122
1942 ³	3,350	96	139	433	1.02	16.1	9,000	1.97	2.10	17.5	128
1943 ³	3,400	100	142	434	1.05	17.1	9,200	2.24	2.25	19.6	125
1944 ³	3,400	99	143	432	1.05	18.4	9,300	2.26	2.50	21.3	134
1945 ³	3,330	103	140	422	1.11	18.8	9,800	2.24	2.58	21.8	139
1946 ³	3,380	105	146	417	1.14	19.1	9,500	2.35	2.61	21.9	137
1947 ³	3,350	98	144	420	1.08	18.1	8,800	2.13	2.46	20.7	130
1948 ³	3,240	94	141	401	1.04	16.8	8,700	2.05	2.37	19.2	123

¹Quantities of nutrients computed by Bureau of Human Nutrition and Home Economics on the basis of estimates of apparent per capita consumption (retail basis), including estimates of produce of town and city gardens, prepared by Bureau of Agricultural Economics. No deduction has been made in the nutrient estimates for loss or waste of food in homes, public eating places, and institutions, or for destruction or loss of nutrients during the preparation of food.

²Food energy was calculated by using calorie values based on unpublished data on file in the Bureau. These follow the recommendations made in 1947 by the special Committee of the Food and Agriculture Organization on Calorie Conversion Factors and Food Composition Tables.

³Civilian per capita only. Data for iron, thiamine, riboflavin, and niacin include estimates of the quantity of these nutrients added to prepared cereals, white flour, and bread.

Bureau of Human Nutrition and Home Economics.

TABLE 654.—*Food consumption of urban families: Average quantity of specified groups of food used at home per household in a week, by annual income class, United States, spring 1942 and 1948*¹

Period and income class ² (dollars)	Households	Average household size (21 meals at home = 1 person)	Leafy, green, and yellow vegetables	Citrus fruit and tomatoes	Potatoes and sweet-potatoes	Other vegetables and fruits ³	Milk equivalent ⁴	Meat, poultry, and fish ⁵	Eggs	Dry beans and peas, and nuts ⁶	Grain products (flour equivalent) ⁷	Fats and oils ⁸	Sugars, sirups, and sweets ⁹
SPRING 1948													
All classes.....													
Under 1,000.....	3.4	2.81	6.70	6.45	4.96	8.26	9.71	6.95	1.43	.92	8.84	3.68	3.74
1,000-1,999.....	13.1	3.23	6.46	9.57	6.48	10.17	12.92	8.29	1.67	1.18	10.28	3.89	4.73
2,000-2,999.....	26.3	3.49	7.30	11.13	7.72	12.63	15.68	9.88	1.90	.97	9.62	3.79	4.80
3,000-3,999.....	22.6	3.65	7.91	11.79	8.51	15.06	17.80	11.14	2.08	1.00	10.17	4.06	5.68
4,000-4,999.....	10.7	3.50	8.96	13.17	7.71	15.48	17.31	11.34	2.20	.81	9.27	3.83	4.92
5,000-7,499.....	9.9	3.31	7.81	14.22	6.03	14.74	17.36	11.09	1.94	.73	7.79	3.48	4.29
7,500 and over.....	4.6	3.84	10.31	17.07	6.71	17.83	19.83	13.40	2.36	.78	8.58	4.19	4.70
Not classified.....	9.4	2.93	6.84	12.06	5.91	12.31	13.45	9.84	1.79	.86	7.57	3.29	4.25
SPRING 1942													
All classes ¹⁰	100.0	3.34	7.69	10.96	8.83	11.11	12.93	9.21	1.41	0.89	9.00	3.72	3.26
Under 500.....	3.6	2.95	4.85	3.71	8.87	7.50	7.76	4.16	1.13	1.11	8.54	3.09	2.31
500-999.....	11.3	2.81	5.97	5.70	6.85	7.54	8.95	5.61	1.10	.99	9.15	3.16	2.44
1,000-1,499.....	12.5	3.15	6.67	8.29	8.09	9.58	11.00	7.00	1.17	1.16	9.14	3.51	3.09
1,500-1,999.....	15.6	3.15	6.87	8.53	8.59	9.27	13.09	7.56	1.42	.80	7.96	3.70	2.88
2,000-2,499.....	16.3	3.39	7.97	11.58	9.43	11.67	13.26	9.73	1.50	.80	9.29	3.76	3.62
2,500-2,999.....	12.8	3.30	8.30	12.74	8.69	12.27	13.40	10.59	1.50	.95	8.47	3.47	3.28
3,000-4,999.....	20.5	3.60	8.38	14.36	9.39	12.67	14.67	11.61	1.47	.78	9.43	3.96	3.57
5,000-9,999.....	5.9	4.15	10.78	16.00	11.17	15.30	16.68	13.81	1.73	.73	10.04	4.59	4.22

¹ These data relate to urban housekeeping families of 2 or more persons, and include food purchased, home-produced, and received as gift or pay.

² For spring of 1948, classification was by 1947 income after Federal income tax; for spring of 1942, classification was by first quarter 1942 income, annual rate, before income tax.

³ Includes prepared or partially prepared dishes and soups chiefly vegetable.

⁴ Approximately the quantity of fluid milk to which the various dairy products (excluding butter) are equivalent in minerals and protein.

⁵ Excludes bacon and salt pork. Includes prepared or partially prepared dishes and soups chiefly meat.

⁶ For spring of 1948, includes chocolate and cocoa; for spring of 1942, excludes chocolate and cocoa since only expense for these two items was obtained.

⁷ Includes the weight of flour, meal, cereals, and pastes added to approximately 60 percent of the weight of bakery products. Includes prepared or partially prepared dishes and soups chiefly grain.

⁸ Includes bacon and salt pork.

⁹ Includes jellies, jams, preserves, candy, packaged desserts, and the sugar equivalent of soft drinks.

¹⁰ Includes families with incomes of \$10,000 or over, not shown separately.

Bureau of Human Nutrition and Home Economics. 1948 data from 1948 Food Consumption Surveys, Preliminary Report 5. Source of 1942 data: Urban food schedules from the Study of Family Spending and Saving in Wartime were re-tabulated to exclude housekeeping units of fewer than 2 persons. Food consumption data for all housekeeping families and single individuals in the spring of 1942 were published in Family Food Consumption in the United States, U. S. Department of Agriculture, Misc. Publication 550.

TABLE 655.—Food consumption in 4 cities: Average quantity of specified groups of purchased food used at home per household in a week, by annual income class, winter 1948¹

City and income class (1947 income after Federal income tax) (dollars)	Households	Average household size (21 meals at home = 1 person)	Leafy, green, and yellow vegetables	Citrus fruit and tomatoes	Potatoes and sweet-potatoes	Other vegetables and fruits ²	Milk equivalent ³	Meat, poultry, and fish ⁴	Eggs	Dry beans and peas, and nuts ⁵	Grain products (flour equivalent) ⁶	Fats and oils ⁷	Sugars, sirups, and sweets ⁸
BIRMINGHAM, ALA.													
All classes ⁹	267	3.27	6.30	9.28	5.78	10.42	13.77	8.96	1.80	1.56	13.02	5.58	5.79
0-999.....	19	2.66	3.72	2.18	4.16	4.32	6.73	4.44	.92	1.09	10.54	4.06	3.83
1,000-1,999.....	51	2.86	4.47	5.71	5.00	6.97	11.84	7.44	1.34	1.33	11.50	4.91	4.91
2,000-2,999.....	83	3.27	6.20	8.85	5.95	10.04	13.88	8.60	1.88	1.66	14.07	5.67	6.43
3,000-3,999.....	53	3.79	7.76	13.09	7.21	14.10	17.36	10.43	2.14	1.99	14.77	6.30	6.59
4,000 and over.....	44	3.49	8.67	14.78	6.45	14.92	16.02	11.55	2.32	1.47	13.09	5.64	6.20
BUFFALO, N. Y.													
All classes ⁹	258	3.63	7.28	14.08	10.01	12.52	18.48	12.12	1.89	0.85	10.31	3.82	5.40
0-1,999.....	23	3.22	6.23	10.51	8.98	10.51	14.25	11.13	1.86	.72	9.28	3.19	5.08
2,000-2,999.....	94	3.49	7.00	12.98	9.36	12.23	17.12	11.01	1.74	.82	9.66	2.65	5.15
3,000-3,999.....	74	3.91	7.54	14.96	11.50	13.22	20.01	13.90	2.03	.88	11.39	4.17	5.78
4,000-5,999.....	44	3.94	8.25	16.23	10.92	13.09	20.70	12.82	2.12	1.01	10.34	4.22	5.54
6,000 and over.....	7	3.75	8.94	22.84	8.79	17.55	23.35	12.27	2.33	.92	10.60	3.99	7.33
MINNEAPOLIS-ST. PAUL, MINN.													
All classes ⁹	253	3.58	6.63	11.46	8.66	12.66	18.34	9.69	1.89	.90	9.02	3.50	4.69
0-1,999.....	25	2.50	4.48	8.83	6.10	9.24	10.62	6.05	1.20	.59	5.91	2.21	2.83
2,000-2,999.....	65	3.29	5.41	10.44	8.57	10.85	16.55	8.27	1.64	.83	8.64	3.33	3.96
3,000-3,999.....	68	3.87	7.46	12.53	8.60	14.73	20.56	10.38	2.00	1.08	9.75	3.62	5.29
4,000-5,999.....	59	3.78	7.70	12.97	9.64	13.21	20.24	10.59	2.04	.94	9.80	3.76	5.25
6,000 and over.....	26	4.50	8.09	10.97	10.69	14.68	22.58	12.82	2.50	.92	10.65	4.24	5.61
SAN FRANCISCO, CALIF.													
All classes ⁹	288	2.97	8.59	12.01	5.33	13.04	16.89	11.26	1.70	0.80	7.68	3.32	3.68
0-1,999.....	18	2.12	5.63	7.44	4.44	9.03	11.60	7.61	1.16	.64	6.52	2.48	2.00
2,000-2,999.....	62	2.87	7.54	9.61	5.18	11.78	16.22	9.41	1.51	.66	6.59	2.94	3.24
3,000-3,999.....	86	3.19	9.08	11.30	6.21	13.14	17.81	12.22	1.81	.82	9.33	3.56	3.87
4,000-5,999.....	58	3.06	9.32	13.66	5.26	14.47	18.05	11.41	1.81	.89	7.80	3.86	4.32
6,000 and over.....	32	2.94	11.31	19.07	5.56	17.33	20.26	17.00	1.85	1.16	6.74	3.64	4.06

¹ These data relate to housekeeping families of 2 or more persons in the 4 cities specified.

² Includes prepared or partially prepared dishes and soups chiefly vegetable.

³ Approximately the quantity of fluid milk to which the various dairy products (excluding butter) are equivalent in minerals and protein.

⁴ Excludes bacon and salt pork. Includes prepared or partially prepared dishes and soups chiefly meat.

⁵ Includes chocolate and cocoa.

⁶ Includes the weight of flour, meal, cereals, and pastes added to approxi-

mately 60 percent of the weight of bakery products. Includes prepared or partially prepared dishes and soups chiefly grain.

⁷ Includes bacon and salt pork.

⁸ Includes jellies, jams, preserves, candy, packaged desserts, and the sugar equivalent of soft drinks.

⁹ Includes a few families that could not be classified by income, not shown separately.

Bureau of Human Nutrition and Home Economics. Compiled from 1948 Food Consumption Surveys.

TABLE 656.—Farmers' cooperative marketing and purchasing associations: Number, membership, and business, United States, 1936-47

Year ¹	Marketing associations			Purchasing associations			Total		
	Associations listed ²	Estimated membership ³	Estimated business ⁴	Associations listed ²	Estimated membership ³	Estimated business ⁴	Associations listed ²	Estimated membership ³	Estimated business ⁴
	<i>Number</i>	<i>1,000 members</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 dollars</i>
1936 ⁵	8,142	2,414	6 1,882,600	2,601	856	6 313,400	10,743	3,270	6 2,196,000
1937.....	8,300	2,500	6 2,050,000	2,600	900	6 350,000	10,900	3,400	6 2,400,000
1938.....	8,100	2,410	6 1,765,000	2,600	890	6 335,000	10,700	3,300	6 2,100,000
1939.....	8,051	2,300	6 1,729,000	2,649	900	6 358,000	10,700	3,200	6 2,087,000
1940.....	7,943	2,420	6 1,911,000	2,657	988	6 369,000	10,600	3,400	6 2,280,000
1941.....	7,824	2,430	6 2,360,000	2,726	1,170	6 480,000	10,550	3,600	6 2,840,000
1942.....	7,708	2,580	6 3,180,000	2,742	1,270	6 600,000	10,450	3,850	6 3,780,000
1943.....	7,522	2,730	6 4,430,000	2,778	1,520	6 730,000	10,360	4,250	6 5,160,000
1944.....	7,400	2,895	6 4,835,000	2,750	1,610	6 810,000	10,150	4,505	6 5,645,000
1945.....	7,378	3,150	6 5,147,000	2,772	1,860	6 923,000	10,150	5,010	6 6,070,000
1946.....	7,268	3,378	6 6,005,000	2,857	2,058	6 1,111,000	10,125	5,436	6 7,116,000
1947.....	7,159	3,630	6 7,195,000	2,976	2,260	6 1,440,000	10,135	5,890	6 8,635,000

¹ Reports of associations are included either for the calendar year or for fiscal periods beginning within the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

² Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

³ The membership estimates include members, contract members, and shareholders, but do not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

⁴ Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering other essential service either in marketing or purchasing.

⁵ Data for 1936 season are from a survey made by the Farm Credit Administration in cooperation with the district banks for cooperatives and 33 State Agricultural Colleges.

⁶ After making adjustments for the purchasing business of the marketing associations and the marketing business of the purchasing associations, it is estimated that the total purchasing business was about as follows: 1936 season, \$313,400,000; 1937 season, \$440,000,000; 1938 season, \$416,000,000; 1939 season, \$448,200,000; 1940 season, \$450,000,000; 1941 season, \$600,000,000; 1942 season, \$750,000,000; 1943 season, \$1,010,000,000; 1944 season, \$1,095,000,000; 1945 season, approximately \$1,220,000,000; 1946 season, \$1,452,000,000; 1947 season, \$1,822,000,000.

Farm Credit Administration. Based on records from associations reporting to the Administration.

TABLE 657.—Farmers' cooperative marketing and purchasing associations: Number, membership, and business, by commodity groups, 1946 and 1947 ¹

Commodity group	Associations listed ²		Estimated membership ³		Estimated business ^{4,5}	
	1946	1947	1946	1947	1946	1947
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Marketing:						
Cotton and cotton products ⁶	525	514	284,000	285,000	7 233,700	7 298,000
Dairy products.....	2,132	2,091	746,000	788,000	1,746,000	1,956,000
Fruits and vegetables.....	937	929	168,000	176,000	826,000	742,000
Grain including dry beans and rice.....	2,224	2,233	602,000	682,000	1,918,000	2,390,000
Livestock.....	572	552	860,000	905,000	790,000	1,180,000
Nuts.....	41	40	66,000	98,000	69,000	100,600
Poultry and products.....	148	143	127,000	131,000	225,000	275,000
Tobacco.....	15	16	239,800	298,000	70,400	121,000
Wool and mohair.....	127	123	109,000	108,000	34,000	35,000
Miscellaneous products ⁶	547	518	177,200	169,000	102,900	97,400
Total marketing.....	7,268	7,159	3,373,000	3,630,000	6,005,000	7,195,000
Purchasing.....	2,857	2,976	2,058,000	2,260,000	1,111,000	1,440,000
Total marketing and purchasing.....	10,125	10,135	5,436,000	5,890,000	7,116,000	8,635,000

¹ Reports of associations are included either for the calendar year or for fiscal periods beginning within the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

² Includes independent local associations, federations, large-scale centralized associations, sales agencies.

³ Includes members, contract members, and shareholders, but does not include patrons not in these categories. (There is some duplication in these membership figures due to the fact that some farmers belong to more than one association.)

Footnotes continued on page 604.

TABLE 658.—Farmers' cooperative marketing and purchasing associations: Number, membership and business, by States, 1947¹

State and division	Associations listed ²	Estimated membership ³	Estimated business	State and division	Associations listed ²	Estimated membership ³	Estimated business
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Maine.....	30	8,410	30,400	South Carolina.....	24	9,520	7,480
New Hampshire.....	11	4,570	19,950	Georgia.....	66	149,400	63,600
Vermont.....	37	12,800	34,900	Florida.....	93	6,920	75,900
Massachusetts.....	36	100,400	163,470	South Atlantic.....	482	676,710	478,940
Rhode Island.....	3	1,540	2,850	Kentucky.....	72	159,690	51,280
Connecticut.....	31	8,740	28,590	Tennessee.....	87	156,350	39,850
New England.....	148	136,460	280,160	Alabama.....	69	67,660	27,140
New York.....	392	181,340	457,990	Mississippi.....	113	57,280	90,120
New Jersey.....	60	33,160	84,590	East South Central.....	341	440,980	201,390
Pennsylvania.....	190	116,380	178,440	Arkansas.....	100	15,990	51,160
Middle Atlantic.....	642	330,880	721,020	Louisiana.....	60	11,840	36,830
Ohio.....	307	271,820	473,900	Oklahoma.....	200	146,300	208,450
Indiana.....	170	258,520	354,030	Texas.....	523	169,100	334,960
Illinois.....	598	541,870	656,860	West South Central.....	883	343,230	631,400
Michigan.....	248	163,700	239,780	Montana.....	184	44,700	78,100
Wisconsin.....	934	334,200	425,670	Idaho.....	122	73,800	85,660
East North Central.....	2,257	1,570,110	2,150,240	Wyoming.....	27	11,620	17,600
Minnesota.....	1,309	801,800	771,080	Colorado.....	117	57,500	99,720
Iowa.....	733	318,400	520,420	New Mexico.....	27	7,330	11,470
Missouri.....	281	300,630	324,400	Arizona.....	14	43,490	11,730
North Dakota.....	577	184,400	279,130	Utah.....	73	32,720	113,480
South Dakota.....	305	124,200	167,620	Nevada.....	7	610	1,030
Nebraska.....	430	188,500	299,600	Mountain.....	571	271,770	418,790
Kansas.....	341	108,450	301,060	Washington.....	199	104,340	262,270
West North Central.....	3,976	1,826,380	2,663,310	Oregon.....	153	82,000	145,540
Delaware.....	12	6,990	4,750	California.....	483	107,140	681,940
Maryland.....	61	39,700	44,680	Pacific.....	835	293,480	1,089,750
District of Columbia.....	1	1,500	23,200	United States.....	10,135	5,890,000	8,635,000
Virginia.....	132	235,900	114,540				
West Virginia.....	47	27,330	6,450				
North Carolina.....	46	199,450	138,340				

¹ Estimated membership and estimated business for each association is credited to the State in which the association has its headquarters. Reports of associations are included either for the calendar year or for fiscal periods beginning with the calendar year shown. The latter are classified with that calendar year in which most of the business occurred.

² Includes independent local associations, federations, large-scale centralized associations, and sales agencies.

³ Includes members, contract members, and shareholders, but does not include patrons not in these categories. (There is some duplication in these membership figures, due to the fact that some farmers belong to more than one association.)

Farm Credit Administration.

FOOTNOTES FOR TABLE 657—Cont'd

⁴ Includes some intra-association business.

⁵ Includes the value of commodities sold or purchased for patrons and the service charges for associations rendering other essential services either in marketing or purchasing.

⁶ Includes ginned cotton, cottonseed, cottonseed oil, cottonseed meal, etc.

⁷ Includes some Government loan cotton.

⁸ Includes associations handling commodities not specified above, those handling several types of commodities, and those furnishing special services.

⁹ After adjustments for purchasing business by the marketing associations and marketing business by the purchasing associations, the totals for purchasing business are: 1946, \$1,452,000,000, 1947, \$1,822,000,000.

Farm Credit Administration. Data for 1939-43 in Agricultural Statistics, 1945, table 651; for 1944 in Agricultural Statistics, 1947, table 718, and for 1945 in the 1948 book, table 653.

TABLE 659.—Farmers' cooperatives: Number and membership, by type

Type	Year or date of data	Associa-tions	Estimated members or partici-pants
Production:		<i>Number</i>	<i>Number</i>
Mutual irrigation companies ¹	1940	4,432	148,496
Dairy herd improvement associations ²	Jan. 1949	1,787	35,851
Dairy bull associations ²	Jan. 1949	69	1,133
Cooperative dairy-cattle artificial-breeding associations ²	Jan. 1949	1,263	316,177
Grazing associations ³	June 30, 1948	30	1,311
Indian enterprises ⁴	Dec. 31, 1947	⁵ 205	11,272
Marketing and purchasing:			
Marketing ⁶	1947-48	7,159	3,630,000
Purchasing ⁶	1947-48	2,976	2,260,000
Financing:			
National farm loan associations ⁶	June 30, 1949	1,230	300,000
Production credit associations ⁶	June 30, 1949	503	451,118
Banks for cooperatives ⁶	June 30, 1949	13	⁷ 2,520,108
Rural credit unions ⁸	Dec. 31, 1948	700	280,000
Insurance:			
Farmers' mutual fire insurance companies ⁹	1946	1,843	3,500,000
Public services:			
Mutual telephone companies ¹⁰	1937	32,879	669,344
Electric power and light associations ¹¹	Dec. 31, 1948	865	2,403,676
Soil conservation ¹²	June 30, 1949	2,164	¹³ 740,000
Miscellaneous:			
Farmers' burial associations ¹⁴	Dec. 31, 1948	¹⁵ 41	30,290

¹ 16th Census of the United States, 1940.
² Bureau of Dairy Industry, Department of Agriculture.
³ Grazing Service, Department of Interior.
⁴ Office of Indian Affairs, Department of Interior.
⁵ There are 241 other Indian Corporate and Tribal Enterprises.
⁶ Farm Credit Administration, Department of Agriculture.
⁷ Members of associations borrowing from banks for cooperatives.
⁸ Estimates based on information from Bureau of Labor Statistics, Department of Labor.
⁹ Bureau of Agricultural Economics, Department of Agriculture.
¹⁰ Census of Electrical Industries, 1937, Bureau of the Census. Number of associations includes 2,067 companies with switchboards and 30,812 without switchboards. Number of participants estimated from number of telephones, assuming one patron per telephone.
¹¹ Rural Electrification Administration, Department of Agriculture.
¹² Soil Conservation Service, Department of Agriculture. There are 4,571,693 farms in soil conservation districts.
¹³ Farm plans, also number of members.
¹⁴ Bureau of Labor Statistics, Department of Labor.
¹⁵ Complete burial service 29 associations, burial on contract 10, and caskets only 2. Farm Credit Administration.

TABLE 660.—Purchase and indemnity operations to encourage the exportation and domestic consumption of agricultural commodities, years beginning July 1, 1947 and 1948

Commodity	Year beginning July 1, 1947 ¹	Year beginning July 1, 1948	Commodity	Year beginning July 1, 1947 ¹	Year beginning July 1, 1948
	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars
Direct distribution (purchases):			Indemnity payments:		
Eggs.....	13,120	8,877	Cotton (diversion).....	460	358
Fruits:			Cotton (export).....	2,022	2
Apples, canned.....	108	13	Eggs (export).....	6,595	5,100
Apples, dried.....	1,099	51	Flaxseed (export).....		4,161
Apples, fresh.....	2,112		Fruits:		
Applesauce, canned.....	1,269	179	Apricots, dried (export).....	144	
Apricots, dried.....	552	24	Dates, dried (export).....	34	
Figs, dried.....	1,329	30	Figs, dried (diversion).....		195
Grapefruit juice, canned.....	3,453		Figs, dried (export).....	281	
Orange juice, canned.....	1,399	77	Grapefruit, canned (export).....		1
Peaches, dried.....	1,883	153	Grapefruit, fresh (export).....		175
Pears, fresh.....	305		Grapefruit juice (export).....		4
Plums, canned.....	280	45	Oranges, fresh (export).....		583
Prunes, dried.....	1,647	824	Orange juice (export).....		17
Raisins, dried.....	1,333	924	Peaches, dried (export).....	103	
Honey.....	822	1,659	Pears, fresh (diversion).....	28	49
Milk, nonfat dry solids.....		1,850	Pears, fresh (export).....		25
Nuts, tree:			Prunes, dried (export).....	1,661	3,251
Filberts.....	224		Raisins, dried (export).....	516	3,340
Walnuts.....	910		Potatoes, Irish (diversion).....	7,578	
Vegetables:			Peanuts (export).....		10,222
Beans, snap.....	117	24	Tobacco (export).....	9,163	
Beets, topped.....	7				
Cabbage.....	68	135	Total.....	28,585	27,483
Potatoes, Irish.....	12,391	10,610			
Sweetpotatoes.....	987	294	Grand total.....	74,000	53,252
Total.....	45,415	25,769			

¹ Revised as of June 30, 1949.

Production and Marketing Administration. Operations carried on under section 32 of Public Law 320, 74th Cong.; (7 U. S. C., 1940 ed., 612c), Aug. 24, 1935; 49 Stat. 774.

TABLE 661.—*School-lunch programs: Quantity and cost of Federal assistance, 1940-49*

Year ending June—	Direct distribution				Indemnity plan ⁴	School milk ⁵
	Section 32 ¹		Section 6 ²			
	Quantity	Cost ³	Quantity	Cost ³	Cost ³	Cost ³
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
1940.....	92,904	3,962	-----	-----	-----	1
1941.....	340,780	13,119	-----	-----	-----	592
1942.....	454,503	21,859	-----	-----	-----	1,474
1943.....	278,659	17,563	-----	-----	975	4,826
1944.....	92,776	7,814	-----	-----	26,585	-----
1945.....	94,390	5,796	-----	-----	41,613	-----
1946.....	76,622	5,834	-----	-----	51,290	-----
1947.....	111,242	2,313	40,108	5,735	59,875	-----
1948.....	202,665	19,341	80,648	13,438	53,989	-----
1949.....	218,917	21,550	67,438	14,475	58,875	-----

¹ Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved Aug. 24, 1935, as amended.

² Distribution of commodities acquired by the Government and distributed under provisions of Section 6 of the National School Lunch Act, Public Law 396, 79th Congress, approved June 4th, 1946.

³ Total cost to the Government of the commodity as delivered to the distributing agency; includes cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

⁴ A subsidy program to expand markets for agricultural products, maintain outlets for Section 32 commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on a basis of the quality and quantity of meals served. The program was started in February 1943. The figure for 1947 does not include the sum of \$9,696,587, which was expended under authority contained in Section 5 of the National School Lunch Act to provide nonfood assistance for the school-lunch programs. Approximately 39,000 schools purchased lunch-room equipment under this program.

⁵ Total cost in subsidy payments by the Government; does not include costs of administration of the program.

⁶ A subsidy program to expand markets for milk. Handlers at first were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates for consumption by children in schools participating in the program. Later, the schools themselves paid the full local selling price to handlers, and were reimbursed by the Government, at a rate equal to the local producer price. In July 1943 the program was merged with the indemnity plan for school-lunch programs.

Production and Marketing Administration. Data for 1936-39 in Agricultural Statistics, 1948, table 657.

TABLE 662.—Federal food distribution programs: Quantity of food distributed to institutions and welfare cases, and Federal cost, 1940-49

Year ending June—	Direct distribution ¹		Food stamp program ³		Relief milk program ⁵	
	Quantity	Cost ²	Quantity	Cost ⁴	Quantity	Cost ⁴
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 half pints	1,000 dollars
1940.....	1,694,890	57,674	229,190	16,414	149,194	692
1941.....	2,169,059	66,684	1,372,050	82,820	275,296	1,519
1942.....	822,251	26,146	1,926,443	111,616	261,246	2,395
1943.....	296,983	15,447	851,987	49,129	161,202	1,734
1944.....	189,616	11,753	.....	.....	.....	.....
1945.....	105,600	7,043	.....	.....	.....	.....
1946.....	74,130	1,852	.....	.....	.....	.....
1947.....	139,750	2,873	.....	.....	.....	.....
1948.....	180,191	13,742	.....	.....	.....	.....
1949.....	173,913	14,002	.....	.....	.....	.....

¹ Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved Aug. 24, 1935, as amended. Distribution to ultimate eligible recipients is accomplished through cooperating distribution agencies in States.

² Total cost to the Government of the commodity as delivered to the distributing agency; includes cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

³ A consumer subsidy program to expand markets for surplus foods. The grant was made through State and local welfare agencies in the form of "food stamps," issued to households receiving public assistance and redeemed by the Government through retail grocers in exchange for foods designated by the Secretary of Agriculture to be in surplus. The program was started in May 1939 and was discontinued in February 1943.

⁴ Total cost in subsidy payments by the Government; does not include costs of administration of the program.

⁵ A consumer subsidy program to expand markets for surplus milk. Handlers were reimbursed by the Government to the full agreed rate for delivery of milk at reduced prices to certified households receiving public assistance from State and local welfare agencies. The program was discontinued in June 1943.

Production and Marketing Administration. Data for 1936-39 in Agricultural Statistics, 1948, table 658.

TABLE 663.—Federal food distribution programs: Quantity and cost for direct distribution programs,¹ year ended June 30, 1949

Commodity or commodity group	School-lunch programs		Institution and welfare cases		Total	
	Quantity	Cost ²	Quantity	Cost ²	Quantity	Cost ²
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
Dairy and poultry products.....	27,726	15,880	3,422	5,132	31,148	21,012
Potatoes.....	145,917	5,837	137,470	5,499	283,387	11,336
Other fresh vegetables.....	7,924	310	5,576	223	13,500	533
Canned vegetables.....	31,404	3,492	.....	.....	31,404	3,492
Fresh fruits.....	500	29	376	22	876	51
Dried fruits.....	22,682	3,070	12,602	1,589	36,284	4,659
Canned fruits.....	18,537	1,659	4,680	412	23,217	2,071
Citrus juice.....	21,337	3,772	8,351	798	29,688	4,570
Miscellaneous products.....	9,328	1,976	1,436	327	10,764	2,303
Total.....	286,355	36,025	173,913	14,002	460,268	50,027

¹ Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved Aug. 24, 1935, as amended; part of the distribution to school-lunch programs, 67,437,752 pounds costing \$14,474,763, was commodities distributed under provisions of Section 6 of the National School Lunch Act. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school-lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies.

² Total cost to the Federal Government of the commodity as delivered to the distributing agency; it includes the cost of purchase, handling, warehousing, and transportation, but does not include costs of administration of the program.

Production and Marketing Administration.

TABLE 664.—Federal food distribution programs: Persons participating,¹ 1940-49

Year ending June—	Participation of children in school-lunch programs						Persons participating in programs for institutions and welfare groups					
	Direct distribution ²		Indemnity plan ³		School milk ⁴		Direct distribution ²		Food stamp plan ⁵		Relief milk ⁶	
	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month	Average monthly	Peak month
Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1940.....	1,285	2,496	-----	-----	7	7	11,378	11,910	651	1,488	(?)	(?)
1941.....	2,704	4,715	-----	-----	294	325	9,135	10,252	2,887	3,969	423	460
1942.....	3,990	6,165	-----	-----	586	731	5,034	6,230	3,445	3,821	414	455
1943.....	2,991	5,277	410	774	1,154	2,095	2,491	3,069	2,045	2,600	221	347
1944.....	1,230	2,926	2,193	3,693	-----	-----	901	1,161	-----	-----	-----	-----
1945.....	2,053	3,938	3,146	4,630	-----	-----	679	945	-----	-----	-----	-----
1946.....	1,833	3,688	3,663	5,177	-----	-----	481	828	-----	-----	-----	-----
1947.....	3,270	4,834	4,203	6,016	-----	-----	835	927	-----	-----	-----	-----
1948.....	3,590	7,209	4,411	6,015	-----	-----	899	1,179	-----	-----	-----	-----
1949.....	4,027	6,542	5,130	6,960	-----	-----	915	1,106	-----	-----	-----	-----

¹ In this tabulation, "peak participation" is the participation during the month of the year when the largest number of persons participated in the program; "average participation" is the average for the 12 months of the fiscal year.

² Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Sec. 32, Public Law 320, 74th Cong., approved Aug. 24, 1935, as amended; and under Sec. 6 of the National School Lunch Act, Public Law 396, 79th Cong., approved June 4, 1946. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school-lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies.

³ A subsidy program to expand markets for agricultural products, maintain outlets for Sec. 32 commodities, and support school-lunch programs. Sponsors of school-lunch programs are reimbursed by the Government for local purchases of food on basis of the quality and quantity of meals served. The program was started in February 1943.

⁴ A subsidy program to expand markets for milk. Handlers at first were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates for consumption by children in schools participating in the program. Later, the schools themselves paid the full local selling price to handlers and were reimbursed by the Government at a rate equal to the local producer price. In July 1943 the program was merged with the indemnity plan for school-lunch programs.

⁵ A consumer subsidy program to expand markets for surplus foods. The grant was made through State and local welfare agencies in the form of "food stamps," issued to households receiving public assistance and redeemed by the Government through retail grocers in exchange for foods designated by the Secretary of Agriculture to be in surplus. The program was started in May 1939 and was discontinued in February 1943.

⁶ A subsidy program to expand markets for surplus milk. Handlers were reimbursed by the Government to the full agreed rate for delivery of milk at reduced rates to certified households receiving assistance from State or local welfare agencies. The program was discontinued in June 1943.

⁷ Information not available.

Production and Marketing Administration. Data for 1936-39 in Agricultural Statistics, 1948, table 660.

TABLE 665.—Purchases of agricultural commodities by the U. S. Department of Agriculture, 1948¹

Commodity	Quantity	Commodity	Quantity
Grain and grain products:		Fruit and vegetable products—Con.	
Bulk grains:	<i>Pounds</i>	Other fruit and vegetable products:	<i>Pounds</i>
Wheat.....	18,819,679,260	Potato flour.....	262,960,000
Corn.....	1,184,471,680	Honey, extracted.....	16,851,780
Barley.....	804,978,432	Nuts, shelled walnuts.....	1,800,000
Grain sorghums.....	733,119,856	Nuts, shelled filberts.....	482,160
Oats.....	199,193,408	Total, fruit and vegetable products.....	6,635,540,796
Rye.....	180,166,560		
Total, bulk grains.....	21,921,609,196		
Foods:		Sugar:	
Flour, wheat, enriched.....	3,134,398,900	Sugar (Cuba and Peru).....	2,107,600,000
Flour, whole wheat, graham.....	123,600,000	Total, sugar.....	2,107,600,000
Beans, dry, edible.....	123,083,590		
Rice, milled.....	111,980,004	Fats, oils and oil-bearing products:	
Rice (Siam).....	74,806,830	Peanuts:	
Flour, soya.....	25,400,000	No. 2 shelled and oil stock.....	444,289,247
Cereal, rolled or flaked oats.....	25,354,930	Farmers' stock.....	301,063,458
Flour, wheat, plain.....	24,640,000	Peanut butter.....	10,511,775
Peas, dry, edible.....	16,022,000	Total, peanuts.....	755,864,480
Flour, rye, dark.....	16,000,000		
Macaroni and spaghetti.....	8,300,000	Other fats, oils, and oil-bearing products:	
Corn meal and grits.....	8,000,000	Soybeans.....	225,902,550
Total, foods.....	3,691,586,254	Flaxseed.....	166,499,475
Seeds:		Copra (Philippines).....	87,360,000
Field.....	74,748,962	Linseed oil, raw.....	67,275,000
Vegetable.....	34,289,565	Copra (Netherlands Indies).....	32,659,200
Total, seeds.....	109,038,527	Palm kernels (Portugese W. Africa).....	19,203,560
Total, grain and grain products.....	25,722,233,977	Rapeseed meal (Canada).....	17,920,000
		Soybean oil, crude.....	13,516,000
Fruit and vegetable products:		Rapeseed oil (Canada).....	8,960,000
Fresh fruits and vegetables:		Lard and rendered pork fat.....	7,929,600
Potatoes, Irish.....	5,805,012,690	Flaxseed (Mexico).....	7,840,000
Apples, fresh.....	45,711,456	Tung oil.....	7,322,689
Potatoes, seed.....	30,732,700	Tallow, fatty acids.....	6,044,560
Potatoes, sweet.....	7,809,850	Rapeseed (Canada).....	4,706,240
Cabbage.....	7,713,200	Sesame seed.....	4,596,480
Pears, winter.....	5,538,584	Soybean oil, hydrogenated, refined.....	3,302,115
Beans, green.....	324,330	Tallow, inedible.....	3,005,040
Total, fresh fruits and vegetables.....	5,902,842,810	Soybean oil, refined, edible.....	2,302,300
Dried fruits:		Coconut oil, crude.....	475,600
Prunes.....	153,686,000	Cottonseed oil, refined.....	300,000
Raisins.....	83,150,000	Linseed oil, boiled.....	47,442
Figs.....	27,476,798	Total, fats, oils, and oil-bearing products.....	1,443,032,331
Peaches.....	11,097,830		
Apricots.....	5,609,000	Livestock and meat products:	
Apple rings.....	2,902,500	Meat and gravy, canned (Mexico).....	170,500,000
Dates.....	1,727,500	Wool.....	108,248,600
Total, dried fruits.....	285,649,628	Lard and rendered pork fat.....	42,582,200
Canned fruits and vegetables:		Meat food products, canned (Mexico).....	7,700,000
Grapefruit juice, unsweetened.....	56,222,688	Liver spread, canned (Mexico).....	7,500,000
Tomatoes.....	22,740,063	Horsemeat and gravy, canned.....	6,661,460
Applesauce.....	22,675,775	Total, livestock and meat products.....	343,191,650
Orange juice, concentrated.....	19,215,956		
Grapefruit juice, sweetened.....	17,049,360	Fish:	
Grapefruit juice, concentrated.....	15,913,953	Squid.....	3,262,500
Tomato paste.....	5,583,150	Hake.....	1,076,250
Plums or prunes.....	4,107,713	Herring.....	562,500
Apples, sliced.....	1,445,760	Fish flakes.....	56,475
Total, canned fruits and vegetables.....	164,954,418	Fish, frozen.....	6,465
		Total, fish.....	4,964,190

See footnote at end of table.

TABLE 665.—*Purchases of agricultural commodities by the U. S. Department of Agriculture, 1948*¹—Continued

Commodity	Quantity	Commodity	Quantity
Dairy and poultry products:	<i>Pounds</i>	Tobacco:	<i>Pounds</i>
Milk, evaporated.....	115, 742, 191	Tobacco, leaf (green weight)....	4, 598, 644
Milk, dry, nonfat solids, spray...	91, 143, 568	Total, tobacco.....	4, 598, 644
Milk, dry, nonfat solids, roller...	61, 072, 786	Grand total.....	36, 587, 678, 828
Eggs, dried, whole.....	28, 826, 501		
Cheese, processed.....	14, 599, 980		
Milk, dry, whole.....	11, 420, 214		
Milk, condensed, sweet.....	3, 360, 000		
Whey, dry, solid,—human food...	352, 000		
Total, dairy and poultry products.....	326, 517, 240		

¹ Food and agricultural products purchased domestically or in foreign markets for general supply or export programs or acquired under price support operations.

Production and Marketing Administration.

TABLE 666.—*Deliveries of agricultural commodities by U. S. Department of Agriculture to domestic programs and export programs, 1948*

Program and commodity	Quantity	Program and commodity	Quantity
Department of the Army: ¹	<i>Pounds (net)</i>	United States Foreign Assistance Act (ECA Program): ²	<i>Pounds (net)</i>
Wheat.....	8, 598, 938, 640	Wheat.....	5, 011, 135, 620
Sugar.....	2, 670, 892, 000	Flour.....	728, 737, 261
Flour.....	1, 814, 982, 487	Rice (Siamese).....	268, 725, 307
Barley.....	601, 673, 136	Grain sorghums.....	188, 709, 584
Fruits, dehydrated or dried.....	455, 639, 719	Corn.....	178, 153, 808
Grain sorghums.....	328, 431, 432	Peanuts.....	161, 225, 757
Corn.....	237, 294, 176	Barley.....	107, 820, 528
Vegetables, fresh.....	157, 025, 600	Flaxseed (for crushing).....	65, 327, 360
Peanuts.....	145, 068, 801	Oats.....	56, 310, 464
Oats.....	129, 543, 232	Milk, evaporated.....	29, 643, 063
Potato flour.....	116, 618, 490	Vegetable oils.....	13, 383, 490
Copra.....	68, 045, 452	Eggs, frozen.....	10, 067, 770
Seeds.....	66, 533, 434	Copra.....	7, 840, 000
Rye.....	65, 318, 064	Grits and meal.....	6, 997, 562
Milk, dried.....	40, 930, 579	Rice, domestic.....	6, 607, 600
Soybeans (for crushing).....	36, 145, 800	Mexican canned meat.....	4, 746, 720
Rice.....	34, 672, 040	Seeds.....	2, 739, 780
Lard and other animal fats.....	31, 990, 739	Cotton.....	2, 509, 296
Vegetable oils.....	30, 670, 794	Eggs, dried.....	2, 257, 055
Flaxseed (for crushing).....	29, 219, 275	Fruits, dried.....	2, 204, 730
Canned Mexican meats.....	27, 668, 069	Tallow.....	1, 884, 765
Eggs, dried.....	18, 895, 848	Horsemeat, canned.....	843, 300
Rice (Siamese).....	18, 155, 983	Wool.....	825, 329
Juices, canned.....	15, 433, 716	Soap and related products.....	767, 717
Honey, extracted.....	10, 844, 128	Peas, dry.....	719, 300
Cereals, breakfast.....	4, 479, 940	Total.....	6, 969, 233, 166
Poultry and poultry products.....	657, 012		
Cotton.....	650, 000		
Beans, dry, and lentils.....	319, 900		
Total.....	15, 756, 788, 486		

See footnotes at end of table.

TABLE 666.—*Deliveries of agricultural commodities by U. S. Department of Agriculture to domestic programs and export programs, 1948—Continued*

Program and commodity	Quantity	Program and commodity	Quantity
Sales to individuals and corporations: ³	<i>Pounds (net)</i>	United States Foreign Relief: ⁵	<i>Pounds (net)</i>
Vegetables, fresh.....	4, 870, 730, 384	Rice, domestic.....	214, 628, 104
Peanuts.....	313, 488, 549	Wheat.....	117, 674, 760
Flaxseed for crushing.....	28, 494, 368	Flour.....	105, 978, 439
Eggs, frozen or liquid.....	14, 432, 627	Rice (Burma and Siam).....	61, 067, 420
Vegetable oils.....	7, 640, 546	Beans, dry.....	51, 249, 017
Flour.....	7, 526, 050	Vegetables, fresh.....	29, 998, 300
Eggs, dried.....	3, 680, 171	Grits and meal.....	26, 990, 472
Cotton.....	1, 258, 117	Peanuts.....	26, 720, 000
Flax, fiber.....	677, 952	Cereals, breakfast.....	21, 192, 475
Seeds.....	626, 715	Seeds.....	8, 970, 667
Hemp, fiber.....	188, 874	Peas, dry.....	8, 919, 700
Beans, dry, and lentils.....	137, 289	Fish, canned or dehydrated.....	6, 901, 947
Poultry.....	83, 908	Vegetable oils.....	6, 592, 196
Dairy products.....	62, 546	Lard and other animal fats.....	4, 946, 444
Lard and other animal fats.....	33, 791	Macaroni and spaghetti.....	4, 908, 807
Rice, domestic.....	20, 865	Milk, evaporated.....	4, 709, 571
Potato flour.....	19, 550	Lentils.....	1, 134, 000
Grits and meal.....	12, 466	Tallow, inedible.....	1, 112, 016
Mexican canned meat.....	9, 096	Soap and related products.....	769, 804
Macaroni and spaghetti.....	6, 410		
Fish, canned or dehydrated.....	2, 857	Total.....	704, 404, 139
Peas, dry.....	1, 800		
All others.....	6, 547	Other Government agencies: ⁶	
Total.....	5, 249, 141, 478	Vegetables, fresh.....	184, 590, 871
United States Foreign Aid: ⁴		Juice and juice powder.....	91, 936, 525
Wheat.....	2, 188, 684, 560	Fruits, dehydrated or dried.....	53, 417, 995
Flour.....	745, 812, 298	Fruits, fresh.....	47, 754, 409
Sugar.....	181, 036, 000	Vegetables, canned.....	42, 212, 648
Beans, dry.....	67, 969, 300	Fruits, canned.....	23, 485, 814
Milk, evaporated.....	37, 515, 023	Cheese.....	14, 362, 500
Copra (Philippines).....	27, 864, 480	Milk, dried.....	11, 305, 775
Seed.....	22, 701, 620	Eggs, dried.....	10, 425, 748
Lard and other animal fats.....	20, 143, 568	Peanut butter.....	9, 669, 782
Cereals, breakfast.....	20, 139, 245	Honey, extracted.....	5, 129, 490
Vegetables, fresh.....	16, 975, 200	Nuts, edible.....	2, 221, 868
Mexican canned meats.....	12, 870, 366	Peanuts.....	852, 526
Fruits, dried.....	11, 194, 945	Fish, canned or dehydrated.....	62, 730
Rice, domestic.....	11, 046, 300	Seeds.....	281
Peanuts.....	9, 437, 732	Total.....	497, 428, 952
Vegetable oils.....	8, 854, 674	Greek-Turkish Aid:	
Milk, dried.....	7, 951, 504	Wheat.....	276, 596, 640
Eggs, dried.....	6, 098, 829	Flour.....	112, 376, 225
Milk, condensed.....	3, 359, 832	Beans, dry.....	15, 592, 066
Soap and related products.....	671, 683	Milk, evaporated.....	11, 116, 902
Macaroni and spaghetti.....	59, 980	Macaroni and spaghetti.....	8, 554, 583
Total.....	3, 400, 387, 139	Cereals, breakfast.....	4, 499, 990
Cash-paying foreign governments:		Rice, domestic.....	4, 472, 600
Wheat.....	2, 545, 283, 460	Fish, canned or dehydrated.....	2, 236, 950
Grain sorghums.....	189, 954, 240	Seeds.....	422, 829
Milk, dried.....	86, 138, 676	Total.....	435, 868, 785
Flour.....	19, 647, 830	Grand total.....	35, 878, 118, 875
Lard and other animal fats.....	10, 043, 584		
Cotton.....	6, 681, 500		
Mexican canned meat.....	3, 188, 070		
Oleomargarine.....	1, 564, 966		
Eggs, dried.....	1, 182, 600		
Rice.....	1, 000, 000		
Seeds.....	131, 804		
Rations.....	50, 000		
Total.....	2, 864, 866, 730		

¹ Food and agricultural commodities purchased by the Department of Agriculture and transferred to the Department of the Army on a cash reimbursable basis for Army feeding at home and abroad and for civilian relief feeding in the occupied areas.

² Deliveries under Public Law 472, 80th Congress.

³ Food and agricultural commodities purchased by the Department of Agriculture and sold or otherwise disposed of to individuals and corporations in the United States, because of danger of spoilage or lack of program outlets.

⁴ Deliveries under Public Law 389, 80th Congress.

⁵ Deliveries under Public Law 84, 80th Congress.

⁶ Government agencies other than the Department of the Army, or utilized by the Department of Agriculture for the National School Lunch Program or for domestic relief.

Production and Marketing Administration. Compiled from reports of the Shipping and Storage Branch.

TABLE 667.—Farm product prices: Average prices received by farmers and parity prices, United States, 1948, with comparisons

Commodity and unit	Price unit	Base data ¹		Prices received ²				Parity prices ²				Actual prices as a percentage of parity			
		Period	Average price	1935-39	1946	1947	1948 ³	1935-39	1946	1947	1948 ³	1935-39	1946	1947	1948 ³
FIELD CROPS															
Wheat, per bushel.....	Dollars	1909-14	0.884	0.837	1.74	2.35	2.15	1.13	1.71	2.04	2.21	74	102	115	97
Corn, per bushel.....	do	1909-14	.642	.691	1.41	1.87	1.88	.822	1.24	1.48	1.60	84	114	126	118
Oats, per bushel.....	do	1909-14	.399	.340	.773	.956	.943	.511	.770	.922	.998	67	100	104	94
Barley, per bushel.....	do	1909-14	.619	.533	1.25	1.59	1.50	.792	1.19	1.43	1.55	67	105	111	97
Rye, per bushel.....	do	1909-14	.720	.554	1.81	2.42	1.81	.922	1.39	1.66	1.80	60	130	146	101
Rice, rough, per bushel.....	do	1909-14	.813	.742	1.92	2.49	2.76	1.04	1.57	1.88	2.03	71	122	132	136
Buckwheat, per bushel.....	do	1909-14	.730	.662	1.50	1.68	1.66	.934	1.41	1.69	1.82	71	106	99	91
Grain sorghums, per 100 pounds.....	do	1909-14	1.21	1.17	2.45	2.84	2.79	1.55	2.34	2.80	3.02	75	105	101	92
Flaxseed, per bushel.....	do	1909-14	1.69	1.69	3.84	6.54	5.85	2.16	3.26	3.90	4.22	78	118	168	139
Dry field peas, per 100 pounds ^{4 5}	do	1910-14	2.09	2.11	4.90	5.38	4.96	2.65	4.54	5.14	5.16	80	108	105	96
Beans, dry edible, per 100 pounds.....	do	1909-14	3.37	3.52	7.95	12.20	10.20	4.31	6.50	7.78	8.42	82	122	157	121
Soybeans, per bushel ⁴	do	1910-14	.96	.954	2.31	3.23	3.13	1.23	1.85	2.22	2.40	78	125	145	130
Peanuts, per pound.....	Cents	1909-14	4.8	3.55	8.81	9.82	10.3	6.14	9.26	11.1	12.0	58	95	88	86
Cotton, all, per pound.....	do	1909-14	12.4	10.34	28.19	32.40	32.15	15.87	23.93	28.64	31.00	65	118	113	104
Cottonseed, per ton.....	Dollars	1909-14	22.55	27.52	60.20	85.20	82.20	28.90	43.50	52.10	56.40	95	138	164	146
Potatoes, per bushel ⁸	do	1919-28	1.12	.704	1.24	1.62	1.55	.874	1.59	1.81	1.83	81	78	90	85
Sweetpotatoes, per bushel.....	do	1909-14	.878	.807	2.34	2.30	2.33	1.12	1.69	2.03	2.20	72	138	113	106
Hay, all loose, per ton.....	do	1909-14	11.87	8.87	15.70	16.80	18.60	15.20	22.90	27.40	29.70	58	69	61	63
FRUITS															
Apples, per bushel ⁹	do	1909-14	.96	.90	3.16	2.67	2.12	1.23	1.85	2.22	2.40	73	171	120	88
Grapefruit, on-tree, per box ^{5 10}	do	1919-28	1.25	.45	.68	.33	.62	.98	1.82	2.05	2.02	46	37	16	31
Lemons, on-tree, per box ⁵	do	1919-28	2.02	1.86	2.00	1.82	3.45	1.58	3.03	3.33	3.27	118	66	55	106
Oranges, on-tree, per box ^{5 10}	do	1919-28	2.29	1.01	1.24	.98	1.43	1.79	3.25	3.71	3.73	56	38	26	38
LIVESTOCK AND PRODUCTS															
Hogs, per 100 pounds.....	do	1909-14	7.27	8.38	17.30	24.20	23.30	9.31	14.00	16.80	18.20	90	124	144	128
Beef cattle, per 100 pounds.....	do	1909-14	5.42	6.56	14.40	18.50	22.40	6.94	10.50	12.50	13.60	95	137	148	165
Veal Calves, per 100 pounds.....	do	1909-14	6.75	7.80	15.10	20.30	24.40	8.64	13.00	15.60	16.90	90	116	130	144
Sheep, per 100 pounds.....	do	1909-14	4.53	3.93	7.30	8.41	9.60	5.80	8.74	10.50	11.30	68	84	80	85
Lams, per 100 pounds.....	do	1909-14	5.88	7.79	15.40	20.40	22.70	7.53	11.30	13.60	14.70	103	136	150	154
Butterfat, per pound ¹¹	Cents	1909-14	26.3	29.1	65.6	73.0	78.6	33.7	50.8	60.8	65.8	86	129	120	119
Milk, wholesale, per 100 pounds ^{12 13}	Dollars	1909-14	1.60	1.81	4.05	4.34	4.86	2.05	3.09	3.70	4.00	88	131	117	122
Milk, retail, per quart ¹⁴	Cents	1909-14	6.8	10.2	15.2	17.4	18.8	8.7	13.1	15.7	17.0	117	116	111	111
Chickens, per pound.....	do	1909-14	11.4	14.9	26.8	26.7	29.4	14.6	22.0	26.3	28.5	102	122	102	103
Turkeys, per pound.....	do	1909-14	14.4	16.0	33.2	31.8	41.1	18.4	27.8	33.3	36.0	87	119	95	114
Eggs, per dozen.....	do	1909-14	21.5	21.7	39.2	46.4	48.0	27.5	41.5	49.7	53.8	79	94	93	89
Wool, per pound.....	do	1909-14	18.3	23.8	41.8	41.6	46.9	23.4	35.3	42.3	45.8	102	118	98	102
Milk cows, per head.....	Dollars	1909-14	48.00	54.30	131.00	151.00	185.00	61.40	92.60	111.00	120.00	88	141	136	154

See footnotes at end of table.

PRICES RECEIVED BY FARMERS AND PARITY PRICES

TABLE 667.—Farm product prices: Average prices received by farmers and parity prices, United States, 1948, with comparisons
—Continued

Commodity and unit	Price unit	Base data ¹		Prices received ²				Parity prices ²				Actual prices as a percentage of parity			
		Period	Average price	1935-39	1946	1947	1948 ³	1935-39	1946	1947	1948 ³	1935-39	1946	1947	1948 ³
TOBACCO, PER POUND															
Flue-cured, types 11-14 ⁴	Cents	1934-38	22.9	20.5	48.3	41.2	49.6	22.7	42.1	47.9	47.6	90	115	86	104
Fire-cured, types 21-24 ⁵	do	1919-28	13.6	10.2	26.0	29.5	31.9	10.6	20.4	22.4	22.0	96	127	132	145
Burley, type 31 ⁶	do	1934-38	22.2	22.2	39.7	48.5	46.0	22.0	43.1	46.8	45.0	101	92	104	101
Maryland, type 32 ⁷	do	1919-28	22.9	20.4	44.5	42.8	54.5	17.9	35.3	37.8	36.9	114	126	113	148
Maryland, type 32 ⁸ ¹⁸	do	1936-40	23.0				54.5				47.4				115
Dark air-cured, types 35-36 ⁹	do	1919-28	10.9	9.2	22.4	25.6	28.4	8.5	16.6	18.0	17.5	108	135	142	162
Sun-cured, type 37 ¹⁰	do	1919-28	14.6	12.0	24.2	28.6	32.0	11.4	22.2	24.1	23.5	105	109	119	136
Pa. seedleaf, type 41 ¹¹	do	1919-28	14.1	11.9	32.5	30.5	26.3	11.0	21.4	23.3	22.7	108	152	131	116
Cigar filler & binder, types 42-56 ¹²	do	1919-28	20.2	12.8	44.9	39.0	35.7	15.8	30.3	33.3	32.7	81	148	117	109
Cigar wrapper, type 61 ¹³	do	1919-28	97.1	79.4	240.0	310.0	290.0	75.7	138.0	157.0	158.0	105	174	197	184
Cigar wrapper, type 62 ¹⁴	do	1919-28	60.3	69.5	220.0	265.0	215.0	47.0	85.6	97.7	98.3	148	257	271	219
SUGAR CROPS															
Sorghum sirup, per gallon ¹⁵	Cents	1919-28	87.4	56.7	213.0	176.0	166.0	68.2	122.0	142.0	143.0	83	175	124	116
Sugarcane sirup, per gallon ¹⁶	do	1909-13	46.0	43.5	155.0	117.0	97.7	58.4	97.5	112.0	114.0	74	159	104	86
Sugarcane for sugar, per ton ¹⁶	Dollars	1909-13	3.73	3.95	7.98	8.53	7.09	4.77	7.20	8.62	9.32	83	111	99	76
Sugar beets, per ton ¹⁷	do	1909-13	5.50	6.67	13.63	14.34	12.85	7.04	10.60	12.70	13.80	95	129	113	93
Maple sugar, per pound ¹⁸	Cents	1920-29	28.1	27.9	66.3	84.4	82.5	21.9	36.8	44.1	46.1	127	180	191	179
Maple sirup, per gallon ¹⁹	Dollars	1920-29	2.04	1.55	3.29	5.18	4.78	1.59	2.67	3.20	3.35	97	123	162	143
SEEDS															
Alfalfa, per bushel	do	1919-29	11.08	11.47	21.20	19.80	19.00	8.64	14.00	17.10	18.30	133	151	116	104
Red clover, per bushel	do	1919-29	15.89	12.24	19.80	26.10	28.30	12.40	20.00	24.50	28.20	99	99	107	100
Alsike clover, per bushel ⁵	do	1919-28	12.89	10.74	19.00	19.20	16.90	10.10	18.60	21.00	20.90	106	102	91	81
Sweet clover, per bushel ⁵	do	1924-28	5.36	3.33	6.35	6.40	8.27	4.29	7.93	9.00	9.00	78	80	71	92
Timothy, per bushel	do	1919-29	3.04	2.28	2.77	2.85	3.66	2.37	3.83	4.68	5.02	96	72	61	73
Crimson clover, per 100 pounds ⁵	do	1920-29	10.19	7.58	16.80	18.30	23.00	7.95	14.20	16.40	16.70	95	118	112	138
Sudan grass, per 100 pounds ⁵	do	1919-28	4.42	1.94	7.51	6.34	5.68	3.45	6.36	7.20	7.16	96	118	88	79
Orchard grass, per 100 pounds ⁵	do	1919-28	12.90	9.74	11.10	9.79	15.40	10.10	18.30	20.90	21.00	96	61	47	73
Redtop, per 100 pounds ⁵	do	1919-28	14.23	9.19	16.80	13.20	42.30	11.10	20.20	23.10	23.20	83	83	57	182
White clover, per 100 pounds ⁵	do	1919-28	33.99	20.74	62.60	42.20	54.20	26.50	47.20	54.70	55.70	78	133	77	97
Hairy vetch, per 100 pounds ⁵	do	1920-28	10.61	6.96	14.10	16.50	18.30	8.49	15.50	17.70	17.80	82	91	93	103
Common ryegrass, per 100 pounds ⁵	do	1924-28	4.11	4.06	7.50	5.95	7.60	3.29	6.00	6.86	6.90	123	125	87	110
Lespedeza, per 100 pounds ⁵	do		(²²)	6.06	7.81	11.50	8.50								
Austrian winter peas, per 100 pounds ⁵	do		(²³)	2.92	3.45	4.83	6.00								
VEGETABLES FOR FRESH MARKET															
Artichokes, per box ²⁴	do	1925-28	1.69	1.85	3.75	3.00	3.50	1.37	2.08	2.55	2.87	135	180	118	122
Asparagus, per crate ⁵	do	1920-29	3.08	1.69	3.86	3.75	3.55	2.40	3.88	4.74	5.08	70	99	79	70
Beans, lima, per bushel ⁵	do	1924-29	1.99	1.45	3.21	2.41	2.79	1.61	2.57	3.14	3.40	90	125	77	82
Beans, snap, per bushel ⁵	do	1920-29	1.80	1.07	2.40	2.20	2.48	1.40	2.27	2.77	2.97	76	106	79	84
Beets, per bushel ⁵	do	1923-29	.60	.47	.81	.82	1.06	.49	.79	.96	1.03	96	103	85	103

Cabbage, per ton ⁸	do	1919-28	20.33	14.81	29.47	42.67	30.27	15.90	25.20	30.90	33.50	93	117	138	90
Cantaloups, per crate ⁸	do	1920-29	1.78	1.19	3.10	3.24	2.99	1.39	2.24	2.74	2.94	86	138	118	102
Carrots, per bushel ⁸	do	1923-29	.73	.65	1.35	1.70	1.88	.59	.96	1.17	1.25	110	141	145	150
Cauliflower, per crate ⁸	do	1920-29	1.17	.66	1.47	1.51	1.40	.91	1.45	1.78	1.93	73	101	85	73
Celery, per 1/2 crate ⁸	do	1920-29	1.41	1.21	1.91	2.75	1.88	1.10	1.78	2.17	2.33	110	107	127	81
Corn, sweet, per 1,000 ears ⁸	do	1924-28	²⁵ 18.38	10.12	30.12	22.69	32.07	14.90	23.90	29.20	31.20	68	126	78	103
Cucumbers, per bushel ⁸	do	1920-29	1.49	.92	2.39	2.14	2.39	1.16	1.88	2.29	2.46	79	127	93	97
Eggplant, per bushel ⁸	do	1921-29	1.22	.68	1.53	1.90	1.49	.99	1.59	1.94	2.07	69	96	98	72
Garlic, per 100-lb. sack ⁸	do	(²⁶)	3.38	13.67	10.01	19.70									
Kale, per bushel ⁸ ²⁷	do	1928-29	.42	.30	.85	.60	1.05	.34	.53	.66	.72	88	160	91	146
Lettuce, per crate ⁸	do	1920-29	1.65	1.48	2.60	3.19	3.14	1.29	2.05	2.51	2.72	115	127	127	115
Onions, per 50-lb. sack ⁸	do	1919-28	1.06	.56	.89	2.05	1.45	.83	1.42	1.67	1.75	67	63	123	83
Peas, green, per bushel ⁸	do	1920-29	1.90	1.16	2.04	2.16	2.18	1.48	2.39	2.93	3.14	78	85	74	69
Peppers, green, per bushel ⁸	do	1921-29	1.29	.72	1.80	2.39	1.75	1.04	1.68	2.05	2.19	69	107	117	80
Shallots, per bushel ⁸ ²⁸	do	1924-29	1.18	²⁹ .76	1.90	1.99	1.64	²⁹ .96	1.48	1.82	2.02	²⁹ 79	128	109	81
Spinach, per bushel ⁸	do	1920-29	.60	.42	.79	.91	.92	.47	.73	.90	.99	89	108	101	93
Tomatoes, per bushel ⁸	do	1920-29	1.88	1.24	2.87	3.13	3.30	1.47	2.37	2.90	3.10	84	121	108	106
Watermelons, per 1,000 ⁸	do	1920-29	181.00	112.00	384.00	319.00	388.00	141.00	228.00	279.00	299.00	79	163	114	130
VEGETABLES FOR PROCESSING															
Asparagus, per ton ⁸	Dollars	1920-29	²⁴ 84.00	²⁴ 77.97	179.27	134.70	153.86	65.50	106.00	129.00	139.00	²⁴ 119	169	104	111
Beans, lima, (shelled basis) per ton ⁸ ¹⁰	do	(³⁰)	63.61	126.90	142.49	159.93									
Beans, snap, per ton ⁸	do	1919-28	61.58	44.51	117.76	104.03	120.84	48.00	77.60	94.80	102.00	93	152	110	118
Beets, per ton ⁸ ¹⁰	do	(³⁰)	11.38	18.58	19.73	23.08									
Cabbage, per ton ⁸	do	1919-28	8.77	8.18	13.14	17.22	15.10	6.84	11.10	13.50	14.50	120	118	128	104
Corn, sweet, per ton ⁸	do	1919-28	14.11	9.89	19.85	20.82	23.57	11.00	17.80	21.70	23.30	90	112	96	101
Cucumbers, per bu. ⁸	do	1919-28	.99	.57	1.40	1.35	1.65	.77	1.25	1.52	1.63	74	112	89	101
Peas, green (shelled basis), per ton ⁸	do	1920-29	58.90	51.22	86.13	87.19	90.11	45.90	74.20	90.70	97.20	112	116	96	93
Pimientos, per ton ⁸	do	1926-28	39.08	31.06	60.10	60.00	70.00	31.70	51.20	62.50	66.80	98	117	96	105
Spinach, per ton ⁸	do	1920-29	21.33	14.36	42.57	39.14	46.05	16.60	26.90	32.80	35.20	87	158	119	131
Tomatoes, per ton ⁸	do	1919-28	14.98	12.40	30.42	28.63	28.19	11.70	18.90	23.10	24.70	106	161	124	114
FRUITS															
Apples, per ton:															
For canning ⁸	do	1919-28	18.33	9.65	76.60	56.50	47.00	14.30	26.80	30.10	29.70	67	286	188	158
For drying ⁸ ²⁴	do	1909-13	10.42	7.50	43.80	11.70	18.80	13.20	22.90	25.70	25.70	57	191	46	73
Apricots, per ton:															
For fresh use ⁸	do	1910-14	40.24	48.70	140.00	121.00	89.60	51.50	83.30	96.60	100.00	95	168	125	90
For canning ⁸	do	1910-14	42.20	34.80	96.50	72.60	56.50	54.00	89.00	102.00	105.00	64	108	71	54
Dried ⁸ ²⁴	do	1909-13	191.80	209.00	600.00	480.00	418.00	246.00	412.00	468.00	476.00	85	146	103	88
Avocados, per ton ⁸ ¹⁰	do	1924-28	534.00	127.00	383.00	378.00	345.00	678.00	817.00	908.00	892.00	19	47	42	39
Blackberries, per pound ⁸ ³¹	Cents	1919-28	6.0	3.1	16.4	9.1	8.0	4.7	7.6	9.2	9.9	66	216	99	81
Boysenberries, per pound ⁸ ³¹	do	(³²)		5.0	20.7	8.4	11.4								
Cherries, per ton:															
Sour ⁸	Dollars	1924-28	134.17	56.50	301.00	199.00	184.00	107.00	193.00	223.00	227.00	53	156	89	81
Sweet ⁸ ³³	do	1924-28	163.34	102.00	280.00	256.00	276.00	131.00	230.00	270.00	276.00	78	122	95	100
Cranberries, per barrel ⁸	do	1909-13	6.31	11.10	31.90	17.10	10.10	8.01	13.90	15.60	15.60	139	229	110	65
Dates, per ton ⁸ ¹⁰ ²⁴	do	1924-28	309.60	112.00	185.00	81.00	122.00	393.00	464.00	523.00	520.00	28	40	15	23
Figs, per ton:															
For fresh use ⁸ ²⁴	do	1924-28	100.78	52.70	211.00	168.00	116.00	80.60	145.00	167.00	170.00	65	146	101	68
For canning ⁸	do	1924-28	86.92	62.00	133.00	109.00	93.10	69.50	130.00	147.00	146.00	89	102	74	64
Dried ⁸ ²⁴	do	1919-28	99.00	66.20	278.00	123.00	139.00	77.20	145.00	162.00	160.00	86	192	76	87
Gooseberries, per pound ⁸ ³¹	Cents	1920-29	5.0	4.2	9.4	4.1	6.7	3.9	6.3	7.7	8.2	108	149	53	82

See footnotes at end of table.

TABLE 667.—Farm product prices: Average prices received by farmers and parity prices, United States, 1948, with comparisons
—Continued

Commodity and unit	Price unit	Base data ¹		Prices received ²				Parity prices ²				Actual prices as a percentage of parity			
		Period	Average price	1935-39	1946	1947	1948 ³	1935-39	1946	1947	1948 ³	1935-39	1946	1947	1948 ³
FRUITS (Continued)															
Grapes, per ton:															
Raisins, dried ^{5 24}	Dollars...	1919-28	105.80	55.70	312.00	132.00	134.00	82.50	154.00	174.00	171.00	68	203	76	78
Other grapes ^{5 10}	do.....	1924-28	37.00	19.00	98.40	44.10	41.10	28.90	53.30	61.40	62.50	66	185	72	66
Wine & brandy, California ^{5 10 24}	do.....		(³⁰)	13.90	90.70	29.80	30.30								
All other ^{5 10}	do.....		(³⁰)	24.70	117.00	61.00	61.50								
Limes, Florida, per box ⁵	do.....	1919-28	³⁴ 3.69	3.65	4.45	3.92	3.63	2.88	4.94	5.83	6.05	127	90	67	60
Loganberries, per pound ^{5 31}	Cents.....	1920-29	5.4	3.9	22.2	8.3	12.1	4.2	6.8	8.3	8.9	93	326	100	136
Olives, per ton:															
Canned ripe ^{5 24}	Dollars...	1919-28	119.80	87.80	450.00	186.00	195.00	93.40	177.00	196.00	194.00	94	254	95	101
Crushed for oil ^{5 24}	do.....	1919-28	36.50	38.00	216.00	121.00	118.00	28.50	54.00	59.90	59.10	133	400	202	200
Peaches:															
For fresh use, per bu. ^{5 35}	do.....	1910-14	1.20	1.07	2.50	1.94	2.40	1.54	2.53	2.90	2.98	69	99	67	81
For canning, per ton:															
Clingstone ^{5 24}	do.....	1909-13	27.60	25.70	63.50	49.70	63.30	35.30	59.30	67.30	68.40	73	107	74	93
Freestone ^{5 24}	do.....	1909-13	24.40	21.40	59.00	40.00	50.00	31.20	52.50	59.50	60.50	69	112	67	83
Dried ^{5 24 36}	do.....	1909-13	95.70	125.00	333.00	195.00	301.00	122.00	206.00	234.00	237.00	102	162	83	127
Pears:															
For fresh use, per bushel ^{5 37}	Dollars...	1919-28	1.43	.63	2.25	1.70	1.86	1.12	2.03	2.32	2.33	56	111	73	80
For canning, per ton ⁵	do.....	1919-28	54.70	21.50	91.70	73.50	114.00	42.70	77.70	88.60	89.20	50	118	83	128
Dried, per ton ^{5 24}	do.....	1919-28	208.00	118.00	365.00	275.00	385.00	162.00	295.00	337.00	339.00	73	124	82	114
Pineapples, Florida, per box ⁵	do.....	1924-28	2.12	2.14	9.50	4.75	5.00	1.70	2.99	3.50	3.58	126	318	136	140
Plums, per ton:															
For fresh use ⁵	do.....	1920-29	78.64	47.10	144.00	159.00	149.00	61.30	108.00	125.00	129.00	77	133	127	116
For canning ^{5 24}	do.....	1909-13	20.40	25.80	70.00	57.00	60.00	26.10	43.90	49.80	50.60	99	159	114	119
Prunes, per ton:															
For fresh use ⁵	do.....	1919-28	51.00	35.50	113.00	86.50	75.50	39.80	72.40	82.60	83.10	89	156	105	91
For canning ⁵	do.....	1919-28	36.63	14.30	66.50	57.90	39.00	28.60	52.70	59.70	59.30	50	126	97	66
Dried ⁵	do.....	1919-28	136.32	59.20	256.00	148.00	152.00	106.00	199.00	224.00	221.00	56	129	66	69
Red raspberries, per pound ^{5 31}	Cents.....	1920-29	9.8	6.5	30.4	17.3	14.2	7.6	12.3	15.1	16.2	86	247	115	88
Black raspberries, per pound ^{5 31}	do.....	1920-29	9.4	6.6	27.4	21.0	21.3	7.3	11.8	14.5	15.5	90	232	145	137
Strawberries:															
For fresh use, per crate ^{5 38}	Dollars...	1920-29	3.86	2.71	9.82	7.73	8.35	3.01	4.79	5.87	6.37	90	205	132	131
For processing, per pound ^{5 30}	Cents.....	1924-29	6.5	5.7	27.1	18.7	20.4	5.3	8.4	10.3	11.1	108	323	182	184
Youngberries, per pound ^{5 31}	do.....		(²⁶)	4.4	20.6	8.2	11.4								
NUTS															
Almonds, per ton ^{5 10}	Dollars...	1919-28	333.00	285.00	486.00	558.00	420.00	423.00	480.00	543.00	539.00	67	101	103	78
Filberts, per ton ^{5 10}	do.....	1927-28	⁴⁰ 350.00	240.00	384.00	252.00	258.00	444.00	539.00	598.00	588.00	54	71	42	44
Pecans, per ton:															
Seedlings ^{5 10}	do.....	1922-28	⁴¹ 308.00	142.00	578.00	368.00	200.00	391.00	474.00	527.00	517.00	36	122	70	39
Improved ^{5 10}	do.....	1922-28	⁴¹ 760.00	248.00	802.00	590.00	308.00	965.00	1170.00	1300.00	1280.00	26	69	45	24
Tung nuts, per ton ^{5 10}	do.....		(³⁰)	35.60	96.90	64.90	54.70								
Walnuts, English, per ton ⁵	do.....	1919-28	424.40	198.00	554.00	381.00	424.00	331.00	628.00	696.00	688.00	60	88	55	62

MISCELLANEOUS CROPS															
Velvetbeans, per ton ⁶ -----	do-----	1924-28	14.74	12.28	34.20	33.50	33.20	11.80	21.40	24.80	24.90	104	160	135	133
Broomcorn, per ton ⁵ -----	do-----	1919-28	125.22	85.81	292.00	300.00	308.00	97.70	180.00	204.00	203.00	88	162	147	152
Cotton, American Egyptian, per pound ³ -----	Cents-----	1922-28	37.49	22.90	45.79	61.6	62.3	30.37	55.86	63.36	60.73	75	82	97	103
Cowpeas, per bu-----	Dollars-----	1919-28	2.56	1.47	4.22	4.56	4.70	2.00	3.23	3.94	4.22	74	131	116	111
Gum rosin, all grades, per 100 lb. ⁴²	do-----	1909-14	⁴³ 2.43	2.50	7.43	7.83	7.39	3.11	4.93	5.78	6.05	80	151	135	122
Gum turpentine, per gallon, bulk basis ⁴² -----	Cents-----	1909-14	46.2	26.1	96.7	62.7	42.8	59.1	93.8	110.0	115.0	44	103	57	37
Hops, per pound ⁸ -----	Dollars-----	1909-14	⁴⁴ 232	⁷ 196	⁷ 627	⁶ 84	⁵ 48	⁷ 295	⁷ 510	⁵ 573	⁵ 73	⁷ 66	⁷ 123	119	96
Peanuts, for oil, per pound ^{4 5} -----	Cents-----	1910-14	2.35	2.30				2.98	5.17	5.80	5.80	77			
Peppermint oil, per pound ^{8 10} -----	Dollars-----		(³⁰) 1.97	6.36	6.94	6.27									
Popcorn, per 100 lb. ⁸ -----	do-----	1919-28	3.16	1.95	3.51	4.72	4.22	2.46	4.61	5.18	5.12	79	76	91	82
Spearmint oil, per pound ^{8 10} -----	do-----		(³⁰) 1.51	5.61	5.57	4.63									
Sweetsorghum forage, per ton ⁷ -----	do-----	1919-28	10.21	6.46	14.60	17.30	15.60	7.96	14.30	16.50	16.70	81	102	105	93
MISCELLANEOUS LIVESTOCK PRODUCTS															
Beeswax, per pound ⁵ -----	Cents-----	1919-28	31.2	20.1	44.4	43.8	43.2	24.3	39.3	48.0	51.5	83	113	91	84
Honey, wholesale lots, per pound: Extracted ⁵ -----	do-----	1919-28	11.0	6.0	20.9	22.0	14.0	8.6	13.9	16.9	18.2	70	150	130	77
Comb ⁵ -----	do-----	1919-28	19.5	13.8	31.6	31.8	30.4	15.2	24.6	30.0	32.2	91	128	106	94
Mohair, per pound ⁸ -----	do-----	1909-13	27.5	45.2	61.1	53.7	45.4	35.2	⁶ 53.1	63.5	68.8	128	⁶ 115	85	66

See footnotes on next page.

FOOTNOTES FOR TABLE 667

¹ Unless otherwise specified, the base period begins with August in the earlier years and ends with July in the final year; i. e. August 1909–July 1914; August 1919–July 1929; etc.

² Simple averages for the calendar year, unless otherwise noted.

³ Preliminary; based on information available through July 1949.

⁴ Base period prices derived. Comparable prices shown in parity columns are established under section 4 (a) of Public Law No. 147.

⁵ Season average prices for the periods designated. State averages weighted by sales to obtain United States average. Parity or comparable prices are straight averages of monthly parities for the crop marketing season.

⁶ Dec. 1 prices for the periods designated.

⁷ Revised.

⁸ Season average prices for the periods designated. State averages weighted by production to obtain United States average. Parity prices are straight averages of monthly parities for the crop marketing season.

⁹ Primarily for fresh use.

¹⁰ Formerly calculated as comparable price under provision of Price Control Act which expired June 30, 1947.

¹¹ Does not include dairy production payments for butterfat in cream paid prior to July 1946.

¹² Parity prices, with base periods August 1919–July 1929 or a part thereof, can also be calculated for milk in each of the markets in which Federal Milk Marketing orders or agreements are in effect.

¹³ Does not include dairy production payments paid prior to July 1946.

¹⁴ Retailed by farmers directly to consumers.

¹⁵ 1948 parity price computed under Title I of the Agricultural Act of 1948, which changes the base period to August 1936–July 1941.

¹⁶ Continental United States only; Hawaii and Puerto Rico not included.

¹⁷ Louisiana and Texas only.

¹⁸ Actual prices include Government payments to farmers authorized by the Sugar Act of 1937 as follows: Sugarcane, 1935–39 average \$0.90; 1946, and 1947, \$1.36; 1948, \$1.26. Sugar beets, 1935–39 average \$1.37; 1946, \$2.43; 1947, \$2.44; 1948, \$2.45; and special support payments of approximately \$1.30 per ton in 1947. Parity prices of sugarcane and sugar beets are derived by multiplying the base price by the average of parity index for the calendar year.

¹⁹ 7-season average, 1920–28, excluding 1924 and 1926 for which data were not available.

²⁰ 5-season average, 1936–40.

²¹ Average of 4 seasons, 1924–28, except 1927 for which data were not available.

²² No data available prior to 1935.

²³ No data available prior to 1936.

²⁴ California only.

²⁵ New Jersey only; data not available for other States.

²⁶ No data available prior to 1932.

²⁷ Virginia only.

²⁸ Louisiana only.

²⁹ 3-season average, 1937–39.

³⁰ No data available within base period.

³¹ Washington and Oregon berries only; primarily for processing.

³² No data available prior to 1930.

³³ Average price of sweet cherries for fresh use and processing; data not available to show breakdown according to use.

³⁴ 9-season average, 1919–28, excluding 1927 for which data were not available.

³⁵ California peaches for fresh use and average prices for all peaches in other States combined.

³⁶ Data for dried peaches relate only to freestone peaches in the base period, but prices in other periods apply to clingstone and freestone peaches combined.

³⁷ Pacific coast pears for fresh use and average price for all pears in other States combined.

³⁸ Oregon, Washington, and Louisiana strawberries for fresh use and prices of all strawberries in other States combined.

³⁹ Oregon, Washington, and Louisiana only.

⁴⁰ Oregon only.

⁴¹ Nov. 1 price, 1922; Dec. 1 price, 1923–28.

⁴² Savannah market prices; prices received by farmers not available.

⁴³ Simple average of each grade, August 1909–July 1914, weighted by sales of each grade 1909–12 seasons; data not available for marketing in 1913 season.

⁴⁴ Simple average of monthly prices, August 1909–July 1914.

Bureau of Agricultural Economics.

Parity prices of agricultural commodities were first computed to interpret quantitatively the progress of the effort to restore farm purchasing power under the Agricultural Adjustment Act of 1933. Assuming no changes in the efficiency of production, parities may be defined as "fair exchange values" which will maintain the same relationship between the prices of agricultural commodities and prices of articles farmers buy as existed in some base period, usually August 1909–July 1914. Subsequent acts have altered this concept but little. The basis for the determination of parity prices of most basic commodities was extended by law in 1935 to include interest and taxes per acre. Comparable prices determined under section 4 (a) of Public Law No. 147 have been substituted for parity prices for three commodities where the production or consumption of the commodity had so changed in character since the base period as to result in a price out of line with parity prices for basic commodities. Parity prices are now published for some 13 other commodities for which comparable prices were formerly calculated under section 3 (b) of the Emergency Price Control Act of 1942, which expired June 30, 1947. Parity prices are calculated by multiplying the price in the base period by the "current index of prices paid, interest, and taxes" (when the 1909–14 base is used) and dividing by 100. Where a post-war base is designated (e.g., 1919–29) the "index of prices paid, excluding interest and taxes" adjusted to the base 1919–29=100 is employed in the computation. Comparable prices are calculated similarly after an adjustment in the base price has been made to bring the result in line with parity prices of basic commodities.

The average number of pounds per box, per crate, or other unit, is given on pages 4 and 5 of this book.

TABLE 668.—Farm-to-retail price spreads and marketing charges for farm food products, 1913-48¹

Year	Retail cost ²	Farm value ³	Marketing margin ⁴	Government marketing taxes (-) and payments (+) ⁵	Marketing charges ⁶	Farmer's share of consumer's dollar ⁷
	Dollars	Dollars	Dollars	Dollars	Dollars	Cents
1913.....	263	122	141	0	141	46
1914.....	271	123	148	0	148	45
1915.....	267	118	149	0	149	44
1916.....	320	143	177	0	177	45
1917.....	441	207	234	0	234	47
1918.....	456	232	224	0	224	51
1919.....	511	247	264	0	264	48
1920.....	567	244	323	0	323	43
1921.....	427	170	257	0	257	40
1922.....	408	162	246	0	246	40
1923.....	413	164	249	0	249	40
1924.....	406	163	243	0	243	40
1925.....	442	186	256	0	256	42
1926.....	448	186	262	0	262	42
1927.....	434	177	257	0	257	41
1928.....	436	184	252	0	252	42
1929.....	436	183	253	0	253	42
1930.....	422	163	259	0	259	39
1931.....	340	120	220	0	220	35
1932.....	285	90	185	0	185	32
1933.....	277	90	187	-2	185	32
1934.....	312	106	206	-8	198	34
1935.....	347	134	213	-9	204	39
1936.....	350	141	209	0	209	40
1937.....	363	151	212	0	212	42
1938.....	329	127	202	0	202	39
1939.....	318	122	196	0	196	38
1935-39 average.....	341	135	206	-2	204	40
1940.....	319	127	192	0	192	40
1941.....	349	154	195	0	195	44
1942.....	409	195	214	0	214	48
1943.....	459	236	223	+5	228	51
1944.....	451	233	218	+12	230	52
1945.....	459	246	213	+16	229	54
1946.....	528	279	249	+9	258	53
1947.....	644	335	309	0	309	52
1948.....	690	351	339	0	339	51

¹ These estimates are calculated in terms of a market basket of farm food products, containing quantities equivalent to 1935-39 annual average purchases per family of three average consumers. The market basket total is broken down into six major commodity groups, as shown in the succeeding table. Quantities of foods valued in these series do not change from year to year.

² Retail costs of the market basket and commodity groups are calculated from prices estimated to represent average cost to all purchasing consumers in the United States. These are based principally upon retail price series published by the Bureau of Labor Statistics and the Bureau of Agricultural Economics, with supplementary adjustments.

³ Farm value is calculated from official series showing prices received by farmers applied to quantities of farm products equivalent to retail purchases and is adjusted by subtracting an imputed value at the farm level of nonfood byproducts obtained in processing. No adjustment is made for various Government payments to producers.

⁴ The marketing margin is the spread or difference between retail cost to consumers and payments to farmers for equivalent produce, less imputed value of byproducts.

⁵ For the quantities of products included in the market basket, net total Government taxes levied upon processors and other marketing agencies are denoted by a minus sign, while net total payments to marketing agencies are denoted by a plus sign.

⁶ Marketing charges equal the marketing margin, minus Government marketing taxes, plus Government marketing payments, and represent total payments to marketing agencies for their services.

⁷ The farmer's share of the consumer's dollar spent for farm food products is obtained by expressing the farm value as a percentage of retail cost. The remainder of the consumer's dollar goes to pay the marketing margin and does not include Government payments to marketing agencies but does include Government taxes on these agencies.

Bureau of Agricultural Economics. Table revised in 1949.

TABLE 669.—*Farm-to-retail price spreads and marketing charges by major food commodity groups, averages 1921-30 and 1935-39, annual 1944-48*¹

Commodity group and year	Retail cost ²	Farm value adjusted for by-products ³	Margin adjusted for by-products ⁴	Government marketing taxes (-) ⁵	Government marketing payments (+) ⁵	Marketing charges (adjusted margin) ⁶	Farm-er's share of con-sumer's dollar ⁷
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Cents
Meat products:							
1921-30 average.....	99.09	45.90	53.19			53.19	46
1935-39 average.....	88.57	41.60	46.97	- 1.09		45.88	47
1944.....	101.90	67.45	34.45		+6.42	40.87	66
1945.....	100.62	73.26	27.36		+9.47	36.83	73
1946.....	129.03	88.23	40.80		+6.04	46.84	68
1947.....	185.71	118.63	67.08			67.08	64
1948.....	208.06	130.71	77.35			77.35	63
Dairy products:							
1921-30 average.....	82.91	42.78	40.13			40.13	52
1935-39 average.....	67.31	33.42	33.89			33.89	50
1944.....	88.94	50.38	38.56		+2.61	41.17	57
1945.....	89.36	50.37	38.99		+2.30	41.29	56
1946.....	108.89	62.86	46.03		+ .12	46.15	58
1947.....	122.25	71.80	50.45			50.45	58
1948.....	133.94	78.04	55.90			55.90	58
Poultry and eggs:							
1921-30 average.....	37.00	24.75	12.25			12.25	67
1935-39 average.....	26.47	17.57	8.90			8.90	66
1944.....	40.51	28.20	12.31			12.31	70
1945.....	42.91	31.61	11.30			11.30	74
1946.....	45.49	32.08	13.41			13.41	71
1947.....	51.85	35.40	16.45			16.45	68
1948.....	55.52	38.00	17.52			17.52	68
Bakery and other cereal products:							
1921-30 average.....	63.13	15.66	47.47	- .01		47.46	25
1935-39 average.....	55.09	11.63	43.46	- .66		42.80	21
1944.....	63.20	19.61	43.59	- .05	+1.88	45.42	31
1945.....	63.40	20.31	43.09	- .05	+2.77	45.81	32
1946.....	72.34	23.75	48.59	- .05	+1.76	50.30	33
1947.....	89.17	31.33	57.84	- .05	+ .01	57.80	35
1948.....	96.18	29.42	66.76	- .05		66.71	31
Fruits and vegetables, fresh and processed:							
1921-30 average.....	112.69	36.19	76.50			76.50	32
1935-39 average.....	77.79	23.98	53.81			53.81	31
1944.....	123.98	55.65	68.33		+1.09	69.42	45
1945.....	130.67	57.89	72.78		+1.31	74.09	44
1946.....	135.18	57.84	77.34		+ .90	78.24	43
1947.....	144.58	59.20	85.38			85.38	41
1948.....	147.36	55.87	91.49			91.49	38
Miscellaneous food products:							
1921-30 average.....	32.24	8.54	23.70	- .06		23.64	26
1935-39 average.....	25.96	6.53	19.43	- .24		19.19	25
1944.....	32.38	12.14	20.24	- .33	+ .44	20.35	37
1945.....	32.20	12.57	19.63	- .33	+ .66	19.96	39
1946.....	37.05	13.80	23.25	- .33	+ .45	23.37	37
1947.....	50.31	18.39	31.92	- .32	+ .04	31.64	37
1948.....	49.18	19.17	30.01	- .32		29.69	39

See footnotes below preceding table.

Bureau of Agricultural Economics. Table revised in 1949.

TABLE 670.—Index numbers of prices received by farmers, United States, 1910-48¹
[August 1909-July 1914=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruits	Truck crops	All crops	Meat animals	Dairy products	Poultry and eggs	Wool	Livestock and live-stock products	All farm products	Ratio of prices received to prices paid by farmers ²
1910	109	96	113	86	115	100	-----	103	101	100	104	113	102	102	106
1911	97	98	101	85	101	102	-----	100	85	95	91	87	90	94	94
1912	103	111	87	104	89	98	-----	100	97	102	101	98	99	99	99
1913	91	94	97	123	94	108	-----	98	110	104	101	91	106	102	100
1914	99	104	83	110	91	87	-----	94	113	101	106	96	108	101	99
1915	126	105	73	84	102	82	-----	94	105	101	101	123	104	99	93
1916	133	110	111	110	144	98	-----	118	123	111	116	151	118	118	94
1917	227	186	178	185	210	114	-----	187	177	146	156	258	165	175	118
1918	232	207	238	247	238	163	-----	215	203	179	186	316	194	204	118
1919	245	211	242	308	241	170	-----	226	207	201	209	279	207	215	109
1920	249	204	252	237	201	178	-----	232	173	202	223	208	192	211	104
1921	130	92	102	167	91	151	-----	121	107	149	161	92	130	124	75
1922	117	92	156	188	129	160	-----	138	114	139	140	159	127	132	80
1923	112	114	218	193	169	129	-----	154	108	159	145	206	132	143	86
1924	127	129	217	176	153	123	² 143	156	112	148	148	204	131	143	86
1925	171	134	179	171	139	158	143	163	140	155	162	215	150	156	92
1926	152	105	121	173	111	134	139	140	146	156	158	181	152	146	87
1927	135	115	129	167	120	134	127	135	141	162	143	169	148	142	86
1928	128	123	150	175	140	152	154	144	155	165	152	197	158	151	90
1929	116	119	144	174	133	125	137	135	160	164	161	171	161	149	89
1930	93	107	100	142	102	146	129	119	135	142	128	116	136	128	80
1931	57	74	61	100	71	91	115	79	93	111	99	78	99	90	64
1932	45	48	47	86	41	73	102	60	65	86	81	53	74	68	55
1933	66	57	66	109	52	70	91	72	61	87	74	98	72	72	60
1934	91	95	97	159	95	88	95	98	70	101	89	121	84	90	70
1935	97	107	94	174	120	82	119	102	116	114	116	107	115	109	84
1936	108	102	95	165	112	92	104	107	118	125	114	146	120	114	90
1937	120	125	90	204	120	104	110	115	132	130	110	166	127	122	92
1938	75	71	67	176	88	70	88	80	115	114	108	107	113	97	77
1939	72	69	70	155	90	68	91	80	112	110	95	125	108	95	77
1940	84	82	77	136	96	73	111	88	111	119	96	155	112	100	80
1941	97	89	107	159	130	85	129	106	146	139	121	192	140	124	94
1942	120	111	149	252	172	114	163	142	188	162	151	216	173	159	106
1943	148	147	160	325	190	179	245	183	209	193	190	223	200	192	119
1944	165	166	164	354	209	215	212	194	200	198	174	222	194	195	116
1945	172	161	171	366	215	220	224	201	210	197	196	224	203	202	117
1946	201	195	228	382	244	226	204	226	256	242	198	225	240	233	121
1947	271	246	261	380	335	194	249	261	340	269	221	219	293	278	120
1948	250	249	259	387	326	157	238	250	371	297	236	245	320	287	116

¹ A discussion of the construction of this index and the monthly index numbers through 1948 was published in Index Numbers of Prices Received by Farmers 1910-48, issued February, 1949 (processed). ² Including interest and taxes.

Bureau of Agricultural Economics. Compiled from prices reported to the Department of Agriculture by dealers purchasing agricultural commodities in local farm markets. The price series for individual commodities are averages for all classes and grades of the commodity being sold in local farm markets on or about the 15th of each month. They are weighted by average sales for the 5 years, 1935-39. These data are published monthly in Agricultural Prices.

TABLE 671.—Index numbers of interest and taxes per acre payable by farmers, United States, 1929-48
[Calendar years 1910-14=100]

Year	Interest per acre	Taxes per acre ¹	Year	Interest per acre	Taxes per acre ¹	Year	Interest per acre	Taxes per acre ¹
1929	213	279	1936	124	180	1943	79	177
1930	206	281	1937	116	181	1944	73	175
1931	197	277	1938	109	186	1945	69	181
1932	185	254	1939	104	183	1946	68	199
1933	164	220	1940	99	186	1947	70	222
1934	148	188	1941	94	183	1948	73	254
1935	135	178	1942	89	182			

¹ Based on real estate taxes levied the preceding year. Data for 1910-28 in table 698.

Bureau of Agricultural Economics.

TABLE 672.—Index numbers of prices paid by farmers, United States, 1910-48

[Calendar years 1910-14=100]

Year	Commodities used in production						Commodities used in family maintenance								
	Feed	Farm machinery ¹	Fertilizer	Building materials for other than house	Equipment and supplies	Seed ²	All commodities bought for use in production	Food	Clothing	Operating expenses	Furniture and furnishings	Building materials for house	All commodities bought for use in family maintenance	All commodities bought for use in production and family maintenance	All commodities bought including interest and taxes
1910.....	93	100	99	100	101	-----	98	95	98	101	102	100	98	98	96
1911.....	107	100	99	103	100	-----	103	99	97	106	101	101	103	100	100
1912.....	91	100	100	103	100	103	98	100	101	102	100	104	101	100	100
1913.....	107	100	102	101	100	98	102	99	102	96	100	100	100	101	102
1914.....	102	100	100	93	99	99	99	107	102	95	97	93	101	100	102
1915.....	100	103	112	102	106	120	104	110	110	98	100	100	106	105	107
1916.....	130	107	120	117	129	142	124	126	130	115	116	114	124	124	125
1917.....	184	122	137	137	156	149	151	154	155	128	144	133	147	149	148
1918.....	193	155	170	161	181	190	174	174	207	138	185	160	177	176	173
1919.....	211	160	182	189	180	280	192	208	253	144	200	201	210	202	198
1920.....	137	165	186	205	189	152	174	207	264	186	229	212	222	201	202
1921.....	97	159	156	156	152	134	141	140	180	148	198	158	161	152	165
1922.....	123	142	129	159	140	130	139	141	173	142	182	165	156	149	164
1923.....	134	147	126	161	136	142	141	150	180	132	192	168	160	152	167
1924.....	142	154	120	161	133	151	142	148	183	125	196	168	159	152	167
1925.....	141	153	129	164	140	172	147	159	182	129	197	172	163	156	169
1926.....	137	153	126	162	144	214	146	155	180	133	193	172	162	155	168
1927.....	138	154	121	160	141	197	144	152	177	131	192	172	160	153	166
1928.....	148	153	131	158	138	179	148	153	181	128	189	169	160	155	168
1929.....	145	152	130	159	136	185	147	149	177	127	188	170	159	154	167
1930.....	132	152	126	155	131	174	141	137	167	122	179	166	150	146	160
1931.....	93	150	115	139	116	152	123	109	142	110	153	149	128	126	141
1932.....	69	142	99	126	107	102	109	90	115	103	128	134	108	108	124
1933.....	77	138	96	129	103	95	108	95	114	102	126	138	108	108	120
1934.....	106	144	104	146	109	140	123	108	131	106	136	155	122	122	129
1935.....	114	146	102	145	108	154	127	120	126	106	136	152	124	125	130
1936.....	113	149	96	146	110	142	125	116	125	106	134	154	123	124	127
1937.....	131	154	102	156	114	192	136	120	131	109	142	164	128	131	133
1938.....	92	158	100	148	114	158	125	108	126	108	137	155	122	123	126
1939.....	92	154	100	148	110	130	122	108	124	106	134	156	120	121	124
1940.....	161	152	97	150	110	130	124	108	126	105	136	169	121	122	125
1941.....	109	156	100	162	115	124	131	121	139	109	146	172	131	131	132
1942.....	135	164	111	178	126	190	149	145	172	117	168	186	154	152	150
1943.....	162	169	120	189	134	242	163	164	190	121	188	197	170	167	162
1944.....	178	173	121	204	140	271	173	166	205	127	202	213	178	176	169
1945.....	176	176	121	209	142	281	174	168	220	129	219	221	185	180	172
1946.....	210	182	124	234	146	294	192	198	249	138	246	250	210	202	193
1947.....	253	³ 208	³ 138	³ 328	³ 166	³ 357	233	³ 251	³ 289	154	278	³ 359	255	246	231
1948.....	265	243	152	350	187	348	255	256	303	168	290	394	271	264	250

¹ Excluding motor vehicles.² 1912-14=100.³ Revised.

Bureau of Agricultural Economics. Compiled from prices reported to the Department of Agriculture by retail dealers throughout the United States. The prices used in constructing the above index numbers of prices paid by farmers are for constant quantities and sizes but are not adjusted for changes in quality.

The index numbers include only commodities bought by farmers, the commodities being weighted according to purchases reported by farmers in farm-management and rural-life studies from 1924 to 1929. These data are published monthly in Agricultural Prices.

TABLE 673.—Prices paid by farmers for commodities used for family living, United States, average 1935-39, annual 1943-48

Commodity and unit	Average 1935-39 ¹	1943 ¹	1944 ¹	1945 ¹	1946 ¹	1947 ¹	1948 ¹
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Food:							
Sugar, per 10-pound bag.....	0.560	0.716	0.708	0.711	0.821	1.04	0.971
Flour, per 25-pound sack.....	2.914	1.26	1.33	1.33	1.60	2.11	2.02
Bread, white, loaf, per pound.....	.0878	.0937	.0948	.0952	.110	.130	.142
Corn meal, per pound.....	.0266	.0435	.0509	.0511	.0632	.0720	.0740
Rolled oats, packaged, per pound.....	.0692	.0838	.0912	.0990	.105	.116	.130
Rice, packaged, per pound.....	.0745	.122	.126	.127	.146	.186	.206
Bacon, sliced, per pound.....	.342	.407	.391	.400	.506	.769	.716
Round steak, per pound.....	.279	.424	.398	.399	.468	.666	.795
Pork loin, per pound.....	.262	.377	.355	.362	.438	.642	.642
Lard, per pound.....	.148	.199	.195	.198	.270	.341	.304
Butter, per pound package.....	.344	.510	.497	.507	.700	.829	.832
Cheese, American, per pound.....	.253	.393	.402	.403	.522	.555	.618
Coffee, per pound.....	.215	.323	.318	.323	.382	.489	.527
Tea, Orange, Pekoe, packaged, per pound.....	.706	1.06	1.05	1.06	1.06	1.08	1.20
Oranges, 216's, per dozen.....	.282	.402	.410	.429	.419	.384	.401
Lemons, 360's, per dozen.....	.313	.380	.381	.374	.364	.458	.474
Bananas, per pound.....	.0643	.130	.126	.118	.124	.159	.165
Apples, fresh, per pound.....	.0492	.0986	.110	.129	.132	.128	.117
Vinegar, per gallon.....	2.284	2.340	.394	.423	.488	.518	.513
Raisins, packaged, per pound.....	.0988	.159	.157	.156	.240	.232	.186
Salt, packaged, per pound.....	2.0324	.0368	.0379	.0388	.0420	.0473	.0502
Clothing and dry goods:							
Suits, wool, 1 pair pants, each.....	19.30	28.30	29.60	30.90	33.80	38.50	41.60
Extra trousers, woolen, per pair.....	3.73	6.10	6.76	7.20	8.33	9.62	10.40
Trousers, cotton, per pair.....	1.46	2.39	2.56	2.64	3.11	3.44	3.62
Overalls, per pair.....	1.22	1.88	1.98	2.10	2.68	3.26	3.24
Shirts, cotton, work, each.....	.695	1.23	1.40	1.54	1.72	1.87	1.96
Socks, cotton, work, per pair.....	.135	.188	.195	.201	.222	.265	.276
Undershirts or shorts, each.....	.281	.405	.468	.497	.610	.689	.717
Union suits, cotton, heavy, each.....	1.10	1.54	1.61	1.69	2.18	2.38	2.45
Work gloves, canvas, per pair.....	.154	.247	.256	.256	.329	.371	.376
Shoes, work, men's, per pair.....	2.47	3.68	3.91	4.16	4.74	5.73	6.08
Boots, rubber, knee-length, per pair.....	2.89	3.76	4.00	4.23	4.56	4.98	5.21
Hats, felt, men's, each.....	2.44	3.83	4.42	4.83	6.00	6.29	6.03
Dresses, house, percale, each.....	1.02	1.88	2.24	2.62	2.96	3.22	3.40
Step-ins or panties, rayon, per pair.....	.333	.508	.681	.774	.851	.784	.746
Shoes, or oxfords, women's, per pair.....	22.41	3.25	3.40	3.62	4.06	4.88	5.22
Muslin, unbleached, per yard.....	2.113	.179	.187	.194	.221	.352	.366
Percale, per yard.....	2.169	.290	.301	.318	.342	.488	.533
Operating expense:							
Coal, hard, per ton.....	14.00	15.40	15.80	16.60	18.50	19.80	21.60
Coal, soft, per ton.....	28.12	9.84	10.10	10.40	11.60	13.40	15.00
Firewood, per cord.....	5.41	7.96	8.70	9.10	10.00	10.60	10.80
Soap, laundry, per bar.....	.0478	.0520	.0545	.0582	.0810	.112	.104
Soap, toilet, per cake.....	.0561	.0675	.0680	.0692	.0832	.112	.110
Starch, laundry, per pound.....	2.0988	.104	.104	.104	.114	.128	.144
Brooms, house, each.....	2.510	.718	1.06	1.19	1.16	1.17	1.20
Furniture and furnishings:							
Rugs, Axminster, 9 by 12 feet, each.....	231.60	345.00	47.40	51.20	57.90	67.00	70.80
Rugs, felt-base, 9 by 12 feet, each.....	26.88	6.87	7.12	7.29	8.06	10.20	10.60
Chairs, dining-room, oak, each.....	2.14	3.04	3.47	3.94	4.62	5.24	5.54
Tables, dining-room, 42 by 45 inches, each.....	217.90	26.30	28.60	30.20	34.40	40.50	47.40
Living-room suites, 2-piece, each.....	262.30	102.00	116.00	137.00	156.00	165.00	170.00
Kitchen cabinets, each.....	226.80	38.20	41.60	45.60	49.80	54.20	55.90
Stoves, 6-hole kitchen range, each.....	261.90	78.50	79.60	84.20	93.90	104.00	108.00
Dressers, with mirror, each.....	217.10	24.00	27.20	30.20	35.10	38.20	39.00
Bedsteads, metal, double, each.....	26.59	9.34	10.70	11.50	12.00	12.80	13.20
Mattresses, 54-inch, felted cotton, each.....	29.91	16.00	17.70	18.70	21.60	23.40	22.20
Bedsprings, double, sagless, each.....	27.02	10.70	10.40	10.50	11.80	13.90	15.30
Blankets, double, cotton, each.....	21.64	2.32	2.54	2.80	3.62	3.83	3.67
Sheets, medium quality, 81 by 90 inches, each.....	3.972	1.62	1.80	1.93	2.28	2.82	2.88
Comforters, cotton, each.....	22.57	4.78	5.14	5.50	6.42	6.91	6.96
Toweling, 18-inch, cotton, bleached, per yard.....	2.147	.191	.212	.238	.282	.335	.339
Dinner plates, plain, per 1/2 dozen.....	2.726	.822	.824	.835	.886	.946	.960
Fruit jars, Mason, per dozen.....	2.836	.811	.798	.794	.799	.850	.876
Building materials for house:							
Flooring, yellow pine, per M board feet.....	70.70	81.70	89.90	93.00	106.000	173.00	200.00
Bevel siding, pine and cedar, per M board feet.....	46.50	62.40	67.00	69.40	78.90	135.00	172.00
Windows, house, double-hung, each.....	6.56	8.67	9.18	9.59	11.00	14.70	16.80
Doors, Nos. 1 and 2, combined, each.....	4.27	5.34	5.67	5.90	6.90	10.30	12.20
Laths, 48-inch, per bunch of 50.....	.461	.556	.596	.612	.702	1.09	1.28
Wire screen, 12-mesh, 30 inches wide, per foot.....	.0750	.0837	.0836	.0858	.0942	.127	.181

¹ Prices reported for different specifications adjusted, where necessary, to the current basis of reporting.

² Revised.

³ Quotation for size 81 x 99 inches.

⁴ Quotation for 16-mesh.

Bureau of Agricultural Economics. Data for 1939-42 in Agricultural Statistics, 1945, table 568.

TABLE 674.—Prices paid by farmers for commodities used for farm production, United States, average 1935-39, annual 1943-48

Commodity and unit	Average 1935-39 1	1943	1944	1945	1946	1947	1948
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Building and fencing material:							
2 by 4 inch-16 feet, fir and pine, per M board feet 2	3 42.20	60.70	69.00	72.00	82.00	109.00	116.00
Boards, rough, per M board feet 2	42.80	59.80	67.50	70.30	78.60	99.70	108.00
Shiplap, pine, per M board feet 2	40.60	60.60	70.50	74.80	85.00	114.00	122.00
Siding, drop, pine and fir, per M board feet	57.80	78.60	85.50	88.00	102.00	160.00	191.00
Windows, barn, 4-light (9 by 12 inches), each	1.13	1.48	1.49	1.43	1.62	2.22	2.50
Shingles, wood, per 100 square feet 2	5.19	6.89	7.57	7.72	8.73	14.70	14.70
Roofing, composition, per 100 square feet	2.37	2.46	2.49	2.51	2.67	3.04	3.20
Roofing, steel, galvanized, per 100 square feet	5.07	6.74	6.73	6.77	7.34	9.44	11.00
Brick, common, per 1,000 2	21.40	24.10	26.00	28.00	32.80	37.00	39.70
Cement, Portland, bag of 94 pounds 2	.787	.763	.766	.786	.826	.927	1.06
Nails, 8d, per pound 2	3 .0544	.0656	.0648	.0652	.0752	.0954	.114
Paint, ready-mixed, per gallon 2	3 2.91	3.23	3.26	3.29	3.61	5.19	5.30
Pumps, lift, each	10.50	14.70	14.90	15.20	16.50	18.90	20.10
Windmills, each	4 49.60	58.60	59.80	61.60	61.50	72.00	79.50
Fence-posts, steel, 84 inches, each	.420	.498	.535	.544	.572	.710	.847
Fence-posts, wood, 4-in. diam- eter, each	.259	.376	.412	.423	.471	.524	.558
Poultry netting, bale	5.02	5.59	5.34	5.31 2	5.66	6.42	6.93
Barbed wire, galvanized, 2-point, spool, 80 rods	3.40	4.12	4.38	4.40	4.77	6.24	7.46
Gates, galvanized iron, 14-foot, each	4 10.60	13.10	13.60	14.00	15.30	18.10	19.30
Farm machinery:							
Tractors, rubber tires, 20-29 hp, each	1,160.00	1,160.00	1,180.00	1,200.00	1,340.00	1,500.00	1,680.00
Separator, cream, 500-pound, each	91.70	98.40	101.00	104.00	109.00	117.00	122.00
Engine, gas, 1½ horsepower, each	70.20	75.60	75.50	76.30	78.40	85.00	92.00
Trucks, farm, steel wheels, each	63.20	75.80	80.70	83.40	90.00	105.00	120.00
Wagons, farm, double, each	85.70	103.00	106.00	107.00	118.00	138.00	152.00
Wagon boxes, each	30.60	39.20	40.20	42.30	45.40	57.00	68.80
Hammer mill, 10-20 horsepower, complete, each	142.00	144.00	147.00	144.00	158.00	166.00	176.00
Manure spreader, each	169.00	196.00	198.00	203.00	216.00	270.00	322.00
Flow, 1-horse, walking, each	9.13	12.00	12.10	12.50	12.90	14.60	16.00
Flow, 2-horse, walking, each	21.70	23.90	23.90	24.40	25.20	28.00	31.30
Flow, 2-bottom, tractor-drawn, each	120.00	132.00	136.00	138.00	144.00	167.00	198.00
Harrow, disk, single, 7-foot, each	67.70	75.80	76.30	78.80	81.50	90.20	104.00
Harrow, spiketooth, 30-tooth section, each	11.30	13.00	13.30	13.50	14.20	16.60	20.30
Harrow, springtooth, 2-section, each	31.20	35.40	35.70	35.20	35.90	45.20	58.00
Planter, corn, 2-row check, each	86.00	101.00	104.00	107.00	108.00	133.00	166.00
Planter, corn or cotton, 1-row, each	23.30	27.20	27.30	27.60	28.00	30.60	34.90
Drill, grain, 12-tubes, each	163.00	184.00	188.00	192.00	199.00	245.00	347.00
Cultivator, 1-horse, walking, each	8.16	9.70	9.71	10.00	10.20	12.10	12.90
Cultivator, 1-row, riding, each	58.90	68.50	69.90	69.70	72.40	82.80	95.30
Cultivator, 2-row, tractor-drawn, each	138.00	132.00	137.00	138.00	144.00	166.00	199.00
Binder, corn, 1-row, each	229.00	271.00	276.00	279.00	302.00	350.00	413.00
Ensilage cutter, 13-inch throat, each	311.00	360.00	368.00	370.00	408.00	445.00	518.00
Combines, power take-off, 5-6- foot, each	8 798.00	839.00	861.00	866.00	882.00	1,050.00	1,210.00
Potato digger, 1-row, each	159.00	192.00	190.00	193.00	201.00	214.00	246.00
Mower, 5-foot, each	92.60	113.00	115.00	115.00	119.00	137.00	166.00
Rake, sulky, self-dump, each	51.80	59.90	60.60	60.70	62.50	75.50	91.50
Rake, side-delivery, each	129.00	147.00	150.00	151.00	158.00	196.00	232.00
Hay loader, each	133.00	164.00	169.00	170.00	174.00	213.00	247.00
Equipment and supplies:							
Milk cans, 10-gallon, each	4.74	6.17	6.32	6.27	6.42	7.28	8.48
Milk pails, 12-quart, each	.749	1.03	1.04	1.08	1.13	1.22	1.33
Hoes, 7-inch blade, each	.895	1.05	1.07	1.07	1.09	1.25	1.30
Pitchforks, 3-tine, each	1.19	1.41	1.42	1.43	1.53	1.73	1.81
Binder twine, per pound	.0916	.140	.141	.142	.143	.233	.253

See footnotes at end of table.

TABLE 674.—Prices paid by farmers for commodities used for farm production, United States, average 1935-39, annual 1943-48—Continued

Community and unit	Average 1935-39 ¹	1943	1944	1945	1946	1947	1948
Equipment and supplies—Con.	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Rope, manila, per pound.....	.246	.340	.395	.406	.384	.511	.558
Bushel baskets, veneer, per dozen.....	4 1.01	1.46	1.65	1.70	2.30	2.62	2.86
Horse collars, leather, each.....	4.84	6.64	7.21	7.46	7.75	8.69	9.28
Pipe, galvanized iron, 1¼-inch, per foot.....	.180	.202	.200	.198	.206	.242	.296
Lead arsenate, per pound.....	4.172	.206	.207	.208	.219	.280	.304
Gasoline, per gallon.....	.192	.198	.198	.197	.203	.226	.252
Kerosene, per gallon.....	.132	.136	.134	.134	.139	.156	.186
Motor oil, per gallon.....	.893	1.00	1.01	1.01	1.04	1.11	1.22
Tires, auto, 6.00 by 16, each.....	12.60	16.40	17.10	16.50	16.70	16.00	16.10
Feed:							
Bran, per 100 pound.....	1.42	2.32	2.43	2.42	2.87	3.37	3.64
Middlings, per 100 pound.....	1.60	2.37	2.46	2.44	2.92	3.65	3.93
Corn meal, per 100 pound.....	1.90	2.67	3.00	2.93	3.69	4.46	4.72
Corn gluten, per 100 pound.....	1.75	2.28	2.64	2.64	3.24	3.85	4.25
Soybean meal, per 100 pound.....	1.99	2.80	3.15	3.12	4.00	4.81	5.02
Cottonseed meal, per 100 pound.....	1.78	2.67	3.07	3.09	3.94	4.68	4.79
Linsced meal, per 100 pound.....	2.35	2.80	2.98	3.00	3.94	4.93	4.86
Peanut meal, per 100 pound.....	1.81	2.74	3.12	3.14	3.91	4.41	4.66
Mixed dairy feed:							
16 percent protein, per 100 lb.....	1.69	2.68	2.96	2.90	3.48	3.99	4.23
20 percent protein, per 100 lb.....	1.85	2.87	3.17	3.12	3.78	4.30	4.55
24 percent protein, per 100 lb.....	1.95	2.98	3.30	3.26	3.91	4.55	4.84
Laying mash, per 100 pound.....	2.31	3.28	3.61	3.59	4.22	4.87	5.16
Scratch feed, per 100 pound.....	1.91	2.81	3.17	3.22	3.93	4.69	4.93
Tankage, per 100 pound.....	2.17	4.24	4.27	4.23	5.10	6.41	6.50
Stock salt, per 100 pound.....	.909	.976	.994	1.01	1.05	1.15	1.26
Alfalfa hay, baled, per ton.....	17.13	26.20	30.50	30.80	30.60	32.60	35.10
Other hay, baled, per ton.....		23.00	27.70	28.40	27.20	29.00	30.70

¹ Prices as reported for different specifications adjusted, where necessary, to current basis of reporting.

² Also included in building materials for house.

³ Revised.

⁴ 1935-38 average. ⁵ 1939 average price.

Bureau of Agricultural Economics. Data for 1939-42 in Agricultural Statistics, 1945, table 569.

TABLE 675.—Consumers' price index for moderate-income families for large cities combined, United States, 1929-48¹

[1935-39=100]

Year	Food	Nonfood items					All items
		Clothing	Rent	Fuel, electricity, and ice	House furnishings	Miscellaneous	
1929.....	132	115	141	112	112	105	123
1930.....	126	113	138	111	109	105	119
1931.....	104	103	130	109	98	104	109
1932.....	86	91	117	103	85	102	98
1933.....	84	88	101	100	84	98	92
1934.....	94	96	94	101	93	98	96
1935.....	100	97	94	101	95	98	98
1936.....	101	98	96	100	96	99	99
1937.....	105	103	101	100	104	101	103
1938.....	98	102	104	100	103	102	101
1939.....	95	² 100	104	99	101	101	99
1940.....	87	102	105	100	² 100	101	100
1941.....	106	106	106	102	107	104	105
1942.....	124	124	108	105	122	111	117
1943.....	138	130	108	² 108	126	116	124
1944.....	136	139	108	110	136	121	² 126
1945.....	139	146	108	110	146	124	128
1946.....	160	160	109	112	159	129	139
1947.....	194	186	111	121	184	140	159
1948.....	210	198	117	134	196	150	171

¹ This index reflects retail prices of goods and services commonly bought by average families with moderate income in the 56 large cities of the United States. Prices are weighted by quantities bought in 1934-36 by families whose incomes averaged \$1,524.

² Revised.

Bureau of Agricultural Economics. Compiled from data of the Bureau of Labor Statistics. Data for 1913-28 in Agricultural Statistics, 1946, table 611.

TABLE 676.—Index numbers of wholesale prices, by groups of commodities, United States, 1929-48

[Calendar years 1910-14=100]

Year	Farm products	Foods	Hides and leather products	Textile products	Fuel and lighting	Metals and metal products	Building materials	Chemicals and allied products ¹	House furnishing goods	Miscellaneous ²	Other than farm products	Raw materials	All commodities
1929	147	155	169	161	158	118	173	116	173	75	138	149	139
1930	124	140	155	143	149	108	163	109	170	71	127	129	126
1931	91	116	134	118	128	99	144	98	156	63	111	100	107
1932	68	95	113	98	133	94	129	91	138	58	101	84	95
1933	72	94	125	115	126	94	140	89	139	57	102	86	96
1934	92	109	134	130	139	102	156	93	149	63	114	105	109
1935	111	130	139	126	140	101	154	97	148	62	119	118	117
1936	113	127	148	127	145	102	157	97	150	64	120	122	118
1937	121	133	162	136	147	112	172	102	164	71	128	130	126
1938	96	114	144	118	145	112	164	95	159	67	119	110	115
1939	92	109	148	124	139	111	164	94	158	68	118	107	113
1940	95	111	156	131	136	112	172	95	162	70	120	110	115
1941	116	128	168	151	145	117	187	104	173	74	131	128	127
1942	149	154	182	172	149	122	200	120	187	81	144	154	144
1943	172	165	182	173	153	122	202	124	188	84	146	172	151
1944	173	163	181	175	158	122	209	128	191	85	148	173	152
1945	180	165	183	178	159	123	213	117	192	86	³ 150	179	³ 154
1946	209	203	213	207	171	135	240	125	204	91	170	206	177
1947	254	262	³ 283	³ 252	206	170	³ 326	157	³ 240	³ 105	³ 216	253	222
1948	264	278	292	264	254	192	360	166	265	109	236	273	241

¹ Prior to 1926 designated as "Chemicals and drugs."² Includes automobile tires and tubes, cattle feed, paper and pulp, crude rubber, barrels, batteries, caskets, cigar boxes, matches, mirrors, oil, pipe covering, rubber heels, rubber hose, men's rubbers, soap, starch, tobacco products and wax.³ Revised.

Bureau of Agricultural Economics. Computed by reducing to a 1910-14 base the Bureau of Labor Statistics series, 1926=100; the index numbers for each group on the 1926 base are divided by the averages for 1910-14. The averages used for each group are as follows: Farm products, 71.3; foods, 64.5; hides and leather products, 64.5; textile products, 56.3; fuel and lighting, 52.7; metals and metal products, 85.3; building materials, 55.2; chemicals and drugs, 81.2; house furnishing goods, 54.6; miscellaneous, 110.1; other than farm products, 67.5; raw materials, 65.36; and all commodities, 68.5. Data for 1910-28 in Agricultural Statistics, 1946, table 608.

TABLE 677.—Cash receipts from farming and gross farm income, United States, 1929-48

Year	Cash receipts from farming					Value of home consumption ²	Cash receipts from farming and value of home consumption	Rental value of farm homes ³	Gross farm income ⁴	Cash receipts per farm ⁵	Gross income per farm ⁶
	Farm marketings			Government payments ¹	Total						
	Live-stock and products	Crops	Total								
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars	
1929.....	6,171	5,125	11,296	-----	11,296	1,699	12,995	829	13,824	1,796	2,198
1930.....	5,181	3,840	9,021	-----	9,021	1,537	10,558	830	11,388	1,434	1,811
1931.....	3,835	2,536	6,371	-----	6,371	1,253	7,624	754	8,378	997	1,311
1932.....	2,746	1,997	4,743	-----	4,743	1,008	5,751	655	6,406	726	981
1933.....	2,841	2,473	5,314	131	5,445	1,023	6,468	587	7,055	810	1,050
1934.....	3,330	3,004	6,334	446	6,780	1,090	7,870	616	8,486	1,001	1,253
1935.....	4,108	2,978	7,086	573	7,659	1,320	8,979	616	9,595	1,124	1,409
1936.....	4,716	3,651	8,367	287	8,654	1,374	10,028	615	10,643	1,284	1,579
1937.....	4,902	3,948	8,850	367	9,217	1,410	10,627	638	11,265	1,389	1,698
1938.....	4,496	3,190	7,686	482	8,168	1,283	9,451	620	10,071	1,251	1,543
1939.....	4,511	3,366	7,877	807	8,684	1,244	9,928	619	10,547	1,348	1,637
1940.....	4,893	3,471	8,364	766	9,130	1,254	10,384	624	11,008	1,438	1,734
1941.....	6,465	4,716	11,181	586	11,767	1,460	13,227	658	13,885	1,870	2,207
1942.....	9,041	6,331	15,372	697	16,069	1,788	17,857	702	18,559	2,592	2,993
1943.....	11,454	7,980	19,434	672	20,106	2,163	22,269	755	23,024	3,304	3,784
1944.....	11,322	9,038	20,360	804	21,164	2,201	23,365	820	24,185	3,529	4,033
1945.....	11,982	9,538	21,520	769	22,289	2,256	24,545	889	25,434	3,741	4,269
1946.....	13,699	11,165	24,864	772	25,636	2,624	28,260	978	29,238	4,297	4,901
1947.....	16,510	13,504	30,014	314	30,328	3,095	33,423	1,220	34,643	5,080	5,803
1948 ⁶	17,060	13,485	30,545	257	30,802	3,155	33,957	1,342	35,299	5,159	5,913

¹ Payments under rental and benefit, soil conservation, price adjustment, price parity, Sugar Act, and production programs.

² Value of farm products consumed directly in farm households.

³ Includes an allowance for maintenance and interest on the value of farm dwellings and for a proportionate share of taxes on farm real estate and insurance on farm buildings. In most years the rental value is from 9 to 11 percent of the estimated value of farm dwellings.

⁴ Cash receipts from farm marketings, Government payments, value of home consumption, and rental value of farm homes.

⁵ Includes Government payments since 1933. For number of farms, see table 615 in this book and table 685 in Agricultural Statistics, 1941.

⁶ Preliminary.

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TABLE 678.—Cash receipts from farming and value of home consumption, by commodities, United States, 1947 and 1948

Commodity	Cash receipts from farming ¹		Value of home consumption ²		Cash receipts from farming and value of home consumption	
	1947	1948	1947	1948	1947	1948
LIVESTOCK AND PRODUCTS						
Meat animals:	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves.....	4,931,718	5,223,254	84,839	94,627	5,016,557	5,317,881
Hogs.....	4,004,995	3,727,649	629,811	592,046	4,634,806	4,319,695
Sheep and lambs.....	403,352	407,990	4,990	5,443	408,342	413,433
Total.....	9,340,065	9,358,893	719,640	692,116	10,059,705	10,051,009
Poultry and eggs:						
Broilers ³	284,285	381,117			284,285	381,117
Chickens, other.....	577,663	542,308	177,718	194,941	755,381	737,249
Eggs (chicken).....	1,779,576	1,856,730	291,169	297,612	2,070,745	2,154,342
Turkeys.....	237,361	254,718	4,689	5,967	242,050	260,685
Other poultry ⁴	33,318	36,567	3,759	4,317	37,077	40,884
Total.....	2,912,203	3,071,440	477,335	502,837	3,389,538	3,574,277
Dairy products:						
Butter, farm.....	30,727	29,929			30,727	29,929
Cream.....	567,622	591,805			567,622	591,805
Milk, retail.....	421,001	432,934			421,001	432,934
Milk, wholesale.....	3,027,005	3,378,318			3,027,005	3,378,318
Total ⁵	4,046,355	4,432,986	787,281	860,627	4,833,636	5,293,613
Wool.....	106,052	114,072			106,052	114,072
Mohair.....	9,923	7,526			9,923	7,526
Other ⁶	94,887	75,861	9,529	6,813	104,416	82,674
Total livestock.....	16,509,485	17,060,778	1,993,785	2,062,393	18,503,270	19,123,171
CROPS						
Food grains:						
Buckwheat.....	5,190	3,214	188	141	5,378	3,355
Rice.....	181,710	172,659	620	554	182,330	173,213
Rye.....	41,459	32,770	81	59	41,540	32,829
Wheat.....	2,539,288	2,377,273	10,190	9,377	2,549,478	2,386,650
Total.....	2,767,647	2,585,916	11,079	10,131	2,778,726	2,596,047
Feed crops:						
Barley.....	274,800	247,542			274,800	247,542
Corn.....	1,322,941	1,139,259	34,304	30,913	1,357,245	1,170,172
Sorghums, grain.....	105,421	105,858			106,421	105,858
Hay.....	292,072	314,237			292,072	314,237
Oats.....	331,610	319,624			331,610	319,624
Total.....	2,327,844	2,126,520	34,304	30,913	2,362,148	2,157,433
Cotton:						
Lint.....	1,905,256	2,140,229			1,905,256	2,140,229
Seed.....	337,329	352,114			337,329	352,114
Total.....	2,242,585	2,492,343			2,242,585	2,492,343
Tobacco.....	1,029,015	975,304			1,029,015	975,304
Oil-bearing crops:						
Flaxseed.....	199,895	308,018			199,895	308,018
Peanuts.....	197,952	222,871	3,184	3,305	201,136	226,176
Soybeans.....	506,125	535,117			506,125	535,117
Tung nuts.....	3,876	3,633			3,876	3,633
Total.....	907,848	1,069,639	3,184	3,305	911,032	1,072,944
Vegetables:						
Dry edible beans.....	154,566	156,901	649	423	155,215	157,324
Dry field peas.....	29,816	18,828			29,816	18,828
Mung beans.....	679	552			679	552
Potatoes.....	470,539	566,259	62,170	65,290	532,709	631,549
Sweetpotatoes.....	53,169	45,902	39,345	37,487	92,514	83,389
Truck crops.....	1,194,599	1,187,742	660,245	669,208	1,854,844	1,866,950
Total.....	1,903,368	1,976,184	762,409	772,408	2,665,777	2,748,592

See footnotes at end of table.

TABLE 678.—Cash receipts from farming and value of home consumption, by commodities, United States, 1947 and 1948—Continued

Commodity	Cash receipts from farming ¹		Value of home consumption ²		Cash receipts from farming and value of home consumption	
	1947	1948	1947	1948	1947	1948
crops—Continued						
Fruits:	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
Citrus:	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>
Grapefruit.....	43,107	27,980	188	120	43,295	28,100
Lemons.....	37,856	34,181	62	56	37,918	34,237
Limes.....	660	771	.....	.....	660	771
Oranges.....	185,420	177,653	1,213	1,124	186,633	178,777
Other ⁷	55	48	11	10	66	58
Non-citrus:						
Apples.....	273,563	218,346	42,116	36,000	315,679	254,346
Apricots.....	17,927	15,195	407	313	18,334	15,508
Avocados.....	6,264	7,448	107	108	6,371	7,556
Cherries.....	36,823	45,395	3,841	4,196	40,664	49,591
Cranberries.....	13,575	9,808	.....	.....	13,575	9,808
Dates.....	953	2,125	17	36	970	2,161
Figs.....	6,961	5,693	557	454	7,518	6,147
Grapes.....	120,513	117,767	3,768	3,822	124,281	121,589
Olives.....	5,977	8,477	31	28	6,008	8,505
Peaches.....	121,023	119,090	14,514	14,768	135,537	133,858
Pears.....	65,184	61,269	5,091	4,941	70,275	66,210
Plums.....	14,148	11,711	1,591	1,060	15,739	12,771
Prunes.....	54,065	33,379	405	324	54,470	33,703
Strawberries.....	85,545	101,971	3,810	4,479	89,355	106,450
Other berries ⁸	91,595	112,827	4,743	5,779	96,338	118,606
Other ⁹	1,721	1,658	135	133	1,856	1,791
Total.....	1,182,935	1,112,792	82,607	77,751	1,265,542	1,190,543
Tree nuts:						
Almonds.....	16,182	12,348	112	84	16,294	12,432
Filberts.....	2,132	1,793	83	84	2,215	1,877
Pecans.....	24,218	17,220	2,562	1,608	26,780	18,828
Walnuts, Persian.....	24,287	29,356	310	314	24,597	29,670
Total.....	66,819	60,717	3,067	2,090	69,886	62,807
Legume and grass seeds:						
Alfalfa.....	20,490	23,532	.....	.....	20,490	23,532
Alsike clover.....	6,687	6,988	.....	.....	6,687	6,988
Austrian winter peas.....	2,592	3,100	.....	.....	2,592	3,100
Bermuda grass.....	574	848	.....	.....	574	848
Blue lupine.....	1,402	648	.....	.....	1,402	648
Bromegrass.....	1,111	1,031	.....	.....	1,111	1,031
Cowpeas.....	6,778	7,011	1,483	1,581	8,261	8,592
Crimson clover.....	1,744	2,382	.....	.....	1,744	2,382
Kentucky bluegrass.....	7,267	6,777	.....	.....	7,267	6,777
Ladino clover.....	1,442	2,445	.....	.....	1,442	2,445
Lespedeza.....	10,234	16,351	.....	.....	10,234	16,351
Mustard.....	1,761	1,599	.....	.....	1,761	1,599
Orchard grass.....	590	386	.....	.....	590	386
Rape.....	550	571	.....	.....	550	571
Red clover.....	23,898	28,442	.....	.....	23,898	28,442
Red top.....	1,951	2,097	.....	.....	1,951	2,097
Ryegrass, common.....	3,232	2,524	.....	.....	3,232	2,524
Ryegrass, perennial.....	571	686	.....	.....	571	686
Sudan grass.....	1,284	1,255	.....	.....	1,284	1,255
Sweetclover.....	2,931	3,855	.....	.....	2,931	3,855
Timothy.....	2,791	1,803	.....	.....	2,791	1,803
Vetch, common-Willamette.....	1,973	1,985	.....	.....	1,973	1,985
Vetch, hairy.....	2,671	2,809	.....	.....	2,671	2,809
Vetch, purple.....	303	642	.....	.....	303	642
White clover.....	1,408	1,800	.....	.....	1,408	1,800
Other ¹⁰	854	611	.....	.....	854	611
Total.....	107,089	122,178	1,483	1,581	108,572	123,759
Sugar and sirup crops:						
Maple sirup and sugar.....	9,173	6,156	1,645	944	10,818	7,100
Sorgo sirup.....	8,673	6,418	8,683	6,258	17,356	12,676
Sugar beets.....	152,431	97,262	.....	.....	152,431	97,262
Sugarcane sirup.....	17,022	8,747	6,761	4,724	23,783	13,471
Sugarcane for sugar.....	35,671	34,195	.....	.....	35,671	34,195
Total.....	222,970	152,778	17,089	11,926	240,059	164,704

See footnotes at end of table.

TABLE 678.—Cash receipts from farming and value of home consumption, by commodities, United States, 1947 and 1948—Continued

Commodity	Cash receipts from farming ¹		Value of home consumption ²		Cash receipts from farming and value of home consumption	
	1947	1948	1947	1948	1947	1948
CROPS—Continued						
Miscellaneous crops:.....	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Broomcorn.....	10,524	9,119	-----	-----	10,524	9,119
Flax fiber.....	368	136	-----	-----	368	136
Hemp.....	443	386	-----	-----	443	386
Hops.....	34,243	27,276	-----	-----	34,243	27,276
Peppermint.....	11,129	9,314	-----	-----	11,129	9,314
Popcorn.....	6,016	10,183	-----	-----	6,016	10,183
Spearmint.....	2,678	3,251	-----	-----	2,678	3,251
Forest products.....	274,203	318,128	186,028	182,470	460,231	500,598
Greenhouse and nursery products.....	406,729	432,552	-----	-----	406,729	432,552
Total.....	746,333	810,345	186,028	182,470	932,361	992,815
Total crops.....	13,504,453	13,484,716	1,101,250	1,092,575	14,605,703	14,577,291
Total livestock and crops.....	30,013,938	30,545,494	3,095,035	3,154,968	33,108,973	33,700,462
Government payments ¹¹	313,813	256,505	-----	-----	313,813	256,505
Grand total.....	30,327,751	30,801,999	3,095,035	3,154,968	33,422,786	33,956,967

¹ Amount of money received by farmers during the calendar year from the sale of farm products and from Government payments.

² Quantities of farm products consumed directly in farm households, valued at the average price received by farmers for the sale of similar commodities.

³ Cash receipts include value of home consumption, which is less than 1 percent of total production.

⁴ Ducks, geese, guineas, pigeons, quail, pheasants, and all other.

⁵ Value of home consumption determined by applying milk-equivalent price received for products sold to total home-consumed milk; not available for separate items.

⁶ Horses, mules, honey, beeswax and bees.

⁷ Kumquats and tangelos.

⁸ Boysenberries, blackberries, dewberries, loganberries, youngberries, currants, gooseberries and all other.

⁹ Persimmons, pineapples, pomegranates, nectarines, bananas, guavas, jujubes, mangoes, papayas, prickly pears, quinces, sapodillas, and loquats.

¹⁰ Crested wheatgrass, meadow fescue, sunflower, and Hungarian vetch seed.

¹¹ Payments under dairy, sheep and lamb, and beef production, agricultural conservation, Sugar Act, and price parity programs.

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TABLE 679.—Cash receipts from farming and value of home consumption, by States, 1947

State and division	Cash receipts from farming					Value of home consumption ¹			Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	63,427	114,458	177,885	203	179,088	9,803	10,871	20,674	199,762
New Hampshire.....	49,251	15,320	64,571	528	65,099	3,757	5,154	8,911	74,010
Vermont.....	91,969	23,646	115,615	1,071	116,686	6,145	7,549	13,694	130,380
Massachusetts.....	119,468	69,201	188,669	869	189,538	8,288	11,928	20,216	209,754
Rhode Island.....	15,828	6,116	21,944	128	22,072	1,048	1,073	2,121	24,193
Connecticut.....	92,707	57,776	150,483	650	151,133	5,897	7,101	12,998	164,131
New York.....	578,765	298,093	876,858	7,918	884,776	43,821	38,203	82,024	966,800
New Jersey.....	169,907	123,733	293,640	1,386	295,026	7,762	5,597	13,359	308,385
Pennsylvania.....	557,950	217,718	775,668	6,723	782,391	59,602	36,299	96,331	878,722
North Atlantic.....	1,739,272	926,061	2,665,333	20,476	2,685,809	146,123	124,205	270,328	2,956,137
Ohio.....	695,519	299,407	994,926	9,952	1,004,878	73,143	29,792	102,935	1,107,813
Indiana.....	749,452	312,648	1,062,100	8,324	1,070,424	55,661	19,608	75,269	1,145,693
Illinois.....	1,116,350	756,472	1,872,822	11,151	1,883,973	73,986	24,614	98,600	1,982,573
Michigan.....	439,882	268,394	708,276	10,288	718,564	44,543	29,851	74,394	792,958
Wisconsin.....	907,816	148,557	1,056,373	9,402	1,065,775	51,017	32,273	83,290	1,149,065
East North Central.....	3,909,019	1,785,478	5,694,497	49,117	5,743,614	298,350	136,138	434,488	6,178,102
Minnesota.....	951,150	373,307	1,324,457	8,888	1,333,345	59,179	28,708	86,987	1,420,332
Iowa.....	1,952,829	435,362	2,388,191	12,124	2,400,315	76,200	27,236	103,436	2,503,751
Missouri.....	845,787	226,272	1,072,059	12,286	1,084,345	81,406	46,621	128,027	1,212,372
North Dakota.....	199,192	495,722	694,914	6,814	701,728	24,904	6,150	31,054	732,782
South Dakota.....	402,246	271,427	673,673	5,996	679,669	22,079	5,555	27,634	707,303
Nebraska.....	671,021	401,551	1,072,572	13,568	1,086,140	40,947	8,810	49,757	1,135,897
Kansas.....	594,566	618,383	1,212,949	11,737	1,224,686	44,258	10,040	54,298	1,278,984
West North Central.....	5,625,791	2,822,024	8,447,815	71,413	8,519,228	348,973	132,220	481,193	9,000,421
Delaware.....	70,131	17,366	87,497	593	88,090	2,711	2,261	4,972	93,062
Maryland.....	147,279	89,805	237,084	2,743	239,827	15,786	8,292	24,078	263,905
Virginia.....	209,847	203,216	413,063	5,719	418,782	76,395	53,976	130,371	549,153
West Virginia.....	90,025	28,658	118,683	2,885	121,568	37,070	27,447	64,517	186,085
North Carolina.....	135,150	624,310	759,460	8,056	767,516	112,417	74,099	186,516	954,032
South Carolina.....	64,330	261,888	326,218	3,403	329,621	55,217	29,841	85,058	414,679
Georgia.....	157,291	356,141	513,432	3,542	521,974	93,443	56,117	150,360	672,340
Florida.....	92,001	229,582	321,583	4,284	325,867	16,244	11,107	27,351	353,218
South Atlantic.....	966,054	1,810,966	2,777,020	36,225	2,813,245	409,283	263,940	673,223	3,486,468
Kentucky.....	289,007	309,305	598,312	11,688	610,000	89,734	48,066	137,800	747,800
Tennessee.....	228,051	249,425	477,476	6,907	484,383	88,184	54,999	143,183	627,566
Alabama.....	120,660	272,999	393,659	4,673	398,332	88,439	63,050	151,489	549,821
Mississippi.....	117,811	372,435	490,246	6,827	497,073	72,041	62,123	134,164	631,237
Arkansas.....	155,273	353,562	508,835	6,788	515,623	59,562	44,162	103,724	619,347
Louisiana.....	107,853	227,544	335,397	9,079	344,476	40,080	26,850	66,930	411,406
Oklahoma.....	331,195	307,936	639,131	8,467	647,598	58,592	28,501	87,093	734,691
Texas.....	803,087	1,129,992	1,933,079	23,914	1,956,993	156,412	54,467	210,879	2,167,872
South Central.....	2,152,937	3,223,198	5,376,135	78,343	5,454,478	653,044	382,238	1,035,282	6,489,760
Montana.....	173,877	195,928	369,806	7,023	376,829	13,180	4,737	17,917	394,746
Idaho.....	145,877	221,510	367,387	6,069	373,456	11,683	4,524	16,207	389,663
Wyoming.....	109,780	39,370	149,150	3,622	152,772	6,091	1,536	7,627	160,399
Colorado.....	253,318	249,018	502,336	11,321	513,657	16,266	3,341	19,607	533,264
New Mexico.....	101,311	67,232	168,543	3,689	172,232	8,847	2,949	11,796	184,028
Arizona.....	72,392	112,192	184,584	2,165	186,749	5,490	1,367	6,857	193,606
Utah.....	100,796	54,461	155,257	3,123	158,380	7,519	2,923	10,442	168,822
Nevada.....	35,786	5,925	41,711	404	42,115	1,604	485	2,089	44,204
Washington.....	193,599	397,495	591,094	3,803	594,897	22,197	16,937	39,134	634,031
Oregon.....	176,014	209,064	385,078	4,016	389,094	16,664	10,948	27,612	416,706
California.....	753,661	1,384,631	2,138,292	13,004	2,151,296	28,471	12,762	41,233	2,192,429
Western.....	2,116,412	2,936,726	5,053,138	58,239	5,111,377	138,012	62,509	200,521	5,311,898
United States.....	16,509,485	13,504,453	30,013,938	313,813	30,327,751	1,993,785	1,101,250	3,095,035	33,422,786

¹ Value of farm products consumed directly in farm households.

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TABLE 680.—Cash receipts from farming and value of home consumption, by States, 1948

State and division	Cash receipts from farming					Value of home consumption ¹			Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Livestock and products	Crops	Total	
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	70,800	141,195	211,995	1,206	213,201	10,791	10,678	21,469	234,670
New Hampshire.....	52,992	16,242	69,234	4,495	69,729	4,288	5,212	9,500	79,229
Vermont.....	104,333	25,027	129,360	1,535	130,895	6,865	7,929	14,794	145,689
Massachusetts.....	127,846	78,593	206,439	979	207,418	8,942	11,362	20,304	227,722
Rhode Island.....	17,399	7,006	24,405	92	24,497	1,186	1,128	2,314	26,811
Connecticut.....	101,587	81,986	183,573	531	184,104	6,599	6,867	13,466	197,570
New York.....	654,010	312,412	966,422	5,159	971,581	47,670	37,593	85,263	1,056,844
New Jersey.....	184,360	132,490	316,850	993	317,843	8,055	5,761	13,816	331,659
Pennsylvania.....	619,725	204,286	824,011	5,318	829,329	61,806	36,344	98,150	927,479
North Atlantic.....	1,933,052	999,237	2,932,289	16,308	2,948,597	156,202	122,874	279,076	3,227,673
Ohio.....	740,363	309,062	1,049,425	8,110	1,057,535	76,377	29,983	106,360	1,163,895
Indiana.....	755,254	303,204	1,058,458	6,034	1,064,492	57,947	19,909	77,856	1,142,348
Illinois.....	1,137,073	740,007	1,877,080	10,402	1,887,482	77,534	24,435	101,969	1,959,451
Michigan.....	449,252	268,313	717,565	8,460	726,025	46,958	30,405	77,363	803,388
Wisconsin.....	1,002,467	148,057	1,150,524	8,275	1,158,799	54,324	32,356	86,680	1,245,479
East North Central.....	4,084,409	1,768,643	5,853,052	41,281	5,894,333	313,140	137,088	450,228	6,344,561
Minnesota.....	913,718	418,595	1,332,313	9,879	1,342,192	61,770	27,620	89,390	1,431,582
Iowa.....	1,760,706	375,976	2,136,682	10,748	2,147,430	79,525	27,910	107,435	2,254,865
Missouri.....	814,465	271,252	1,085,717	6,398	1,092,115	83,021	46,920	129,941	1,222,056
North Dakota.....	195,788	486,936	682,724	6,984	689,708	26,050	6,418	32,468	722,176
South Dakota.....	385,214	256,362	641,576	4,419	645,995	22,905	5,593	28,498	674,493
Nebraska.....	676,166	349,581	1,025,747	8,505	1,034,252	43,332	10,702	54,034	1,088,286
Kansas.....	542,596	587,723	1,130,319	7,365	1,137,684	46,990	13,220	60,210	1,197,894
West North Central.....	5,288,653	2,746,425	8,035,078	54,298	8,089,376	363,593	138,383	501,976	8,591,352
Delaware.....	80,714	17,940	98,654	517	99,171	2,885	2,286	5,171	104,342
Maryland.....	168,601	80,621	249,222	1,660	250,882	15,998	8,516	24,514	275,396
Virginia.....	231,788	216,074	447,862	4,040	451,902	80,895	53,933	134,828	586,730
West Virginia.....	102,019	27,573	129,592	1,946	131,538	38,101	27,234	65,335	196,873
North Carolina.....	153,535	638,428	791,963	7,905	799,868	108,774	64,645	173,419	973,287
South Carolina.....	77,213	272,249	349,462	3,260	352,722	53,427	29,649	83,076	435,798
Georgia.....	169,800	349,720	519,520	6,395	525,915	93,036	56,204	149,240	675,155
Florida.....	104,824	230,491	335,315	3,428	338,743	16,348	10,646	26,994	365,737
South Atlantic.....	1,088,494	1,833,096	2,921,590	29,151	2,950,741	409,464	253,113	662,577	3,613,318
Kentucky.....	324,909	266,643	591,552	8,608	600,160	90,678	45,694	136,372	736,532
Tennessee.....	242,806	260,049	502,855	5,613	508,468	91,117	54,193	145,310	653,778
Alabama.....	130,210	296,043	426,253	4,150	430,403	90,964	59,670	150,634	581,037
Mississippi.....	132,974	399,567	532,541	5,684	538,225	75,009	60,715	135,724	673,949
Arkansas.....	168,039	389,364	557,403	5,044	562,447	63,899	43,074	106,973	669,420
Louisiana.....	107,575	243,785	351,360	8,558	359,918	42,290	28,408	70,698	430,616
Oklahoma.....	345,384	327,945	673,329	5,676	679,005	58,379	28,697	87,076	766,081
Texas.....	882,947	1,071,708	1,954,655	16,438	1,971,093	160,825	55,875	216,700	2,187,793
South Central.....	2,334,844	3,255,104	5,589,948	59,771	5,649,719	673,161	376,326	1,049,487	6,699,206
Montana.....	180,275	212,690	392,965	6,538	399,503	13,434	4,741	18,175	417,678
Idaho.....	162,013	209,941	371,954	6,941	378,895	12,757	4,565	17,322	396,217
Wyoming.....	126,834	36,464	163,298	3,106	166,404	6,541	1,468	8,009	174,413
Colorado.....	301,039	247,622	458,661	9,456	468,117	17,117	3,417	20,534	578,651
New Mexico.....	119,318	69,473	188,791	2,552	191,343	9,396	2,834	12,230	203,573
Arizona.....	80,443	140,240	220,683	1,792	222,475	5,788	1,325	7,113	229,588
Utah.....	112,670	45,251	157,921	3,077	160,998	8,276	2,937	11,213	172,211
Nevada.....	44,446	7,987	52,433	429	52,862	1,783	501	2,284	55,146
Washington.....	200,924	365,257	566,181	3,998	570,179	23,744	16,807	40,551	610,730
Oregon.....	172,728	213,834	386,562	4,196	390,758	17,980	11,413	29,393	420,151
California.....	830,636	1,333,452	2,164,088	13,611	2,177,699	30,017	14,783	44,800	2,222,499
Western.....	2,331,326	2,882,211	5,213,537	55,696	5,269,233	146,833	64,791	211,624	5,480,857
United States.....	17,080,778	13,484,716	30,545,494	256,505	30,801,999	2,062,393	1,092,575	3,154,968	33,956,967

¹ Value of farm products consumed directly in farm households.

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TABLE 681.—*Net income from farming to persons living on farms and those living off farms, United States, 1929-48*¹

Year	Persons living on farms					Persons not living on farms					Total net income from farming ⁸
	Farm operators				Farm wages to farm laborers on farms ⁴	Net income from farming ⁵	Farm wages to laborers not on farms ⁴	Farm mortgage interest ⁶	Net rent to non-farm landlords ⁷	Net income from farming	
	Gross farm income	Production expenses	Realized net income ²	Adjustment for changes in inventory ³							
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)		(11)
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1929.....	13,824	7,780	6,044	-166	863	6,741	421	582	672	1,675	8,416
1930.....	11,388	7,059	4,329	+11	774	5,114	360	572	522	1,454	6,568
1931.....	8,378	5,634	2,744	+150	588	3,482	259	559	320	1,138	4,620
1932.....	6,406	4,574	1,832	+40	413	2,285	171	534	227	932	3,217
1933.....	7,055	4,374	2,681	-56	368	2,993	144	472	315	931	3,924
1934.....	8,486	4,727	3,759	-660	432	3,531	169	430	409	1,008	4,539
1935.....	9,595	5,111	4,484	+38	530	5,052	210	396	491	1,097	6,149
1936.....	10,643	5,581	5,062	-331	630	5,361	250	364	532	1,146	6,507
1937.....	11,265	6,126	5,139	+213	741	6,093	298	341	510	1,149	7,242
1938.....	10,071	5,744	4,327	+5	709	5,041	291	320	458	1,069	6,110
1939.....	10,547	6,088	4,459	+107	696	5,262	286	305	502	1,093	6,355
1940.....	11,009	6,484	4,525	+96	726	5,347	297	293	430	1,020	6,367
1941.....	13,881	7,469	6,412	+374	879	7,665	364	284	676	1,324	8,989
1942.....	18,551	9,465	9,086	+928	1,154	11,168	479	272	943	1,694	12,862
1943.....	23,008	10,882	12,126	+536	1,422	14,084	597	246	1,048	1,891	15,975
1944.....	24,159	11,640	12,519	-402	1,542	13,659	655	230	1,057	1,942	15,601
1945.....	25,419	12,629	12,790	-439	1,622	13,973	690	220	1,073	1,983	15,956
1946.....	29,255	14,238	15,017	-126	1,788	16,679	762	216	1,303	2,281	18,960
1947.....	34,643	16,849	17,794	-1,059	1,989	18,724	848	222	1,474	2,544	21,268
1948 ⁹	35,299	18,556	16,743	+639	2,147	19,529	915	229	1,442	2,586	22,115

¹ Includes Government payments.² Column 1 minus column 2.³ An adjustment to gross income for sales out of inventory or for the net addition to inventories from production during the year. Computed by valuing changes in the numbers of livestock on farms and in the quantities of crops held for sale from one Jan. 1 to the next by prices at the end of the year.⁴ Cash wages and value of perquisites supplied to laborers, distributed according to place of residence.⁵ Includes net income of farm operators from farming, adjustment for changes in inventory, and farm wages to farm laborers living on farms (total of columns 3, 4, and 5).⁶ Interest charges payable during the calendar year on outstanding farm-mortgage debt.⁷ Gross rent paid to nonfarm landlords minus the expenses of agricultural production charged against them. Beginning with 1940, farm mortgage interest paid by nonfarm landlords is also deducted. For earlier years, this item is duplicated in the farm mortgage interest series.⁸ Includes net income to persons on farms from farming and other income from agriculture (column 6 plus column 10).⁹ Preliminary.

Bureau of Agricultural Economics.

TABLE 682.—*Net income of persons on farms from farming, compared with income of persons not on farms, United States, 1929-48*¹

Year	Total national income ²	Net income of persons on farms from farming ³	Income of persons not on farms ⁴	Population, Jan. 1		Income per person		Index numbers of income per person (1910-14 = 100)		Parity income ratio ⁷
				Farm ⁵	Non-farm ⁶	On farms from farming	Not on farms ⁴	On farms from farming	Not on farms	
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>			<i>Percent</i>
1929.....	85,954	6,741	79,213	30,220	90,916	223	871	166	179	93
1930.....	75,364	5,114	70,250	30,169	92,271	170	761	126	156	81
1931.....	59,853	3,482	56,371	30,485	93,158	114	605	85	124	68
1932.....	43,605	2,285	41,320	31,028	93,448	74	442	55	91	61
1933.....	42,006	2,993	39,013	32,033	93,190	93	419	69	86	81
1934.....	49,448	3,531	45,917	31,945	94,066	111	488	83	100	83
1935.....	56,398	5,052	51,346	31,801	95,064	159	540	118	111	107
1936.....	65,707	5,361	60,346	31,377	96,343	171	626	127	128	99
1937.....	71,556	6,093	65,463	30,906	97,569	197	671	147	138	107
1938.....	66,412	5,041	61,371	30,620	98,735	165	622	123	128	96
1939.....	71,515	5,262	66,253	30,480	99,926	173	663	129	136	95
1940.....	78,111	5,347	72,764	30,269	101,187	176	719	130	147	88
1941.....	95,231	7,665	87,566	29,988	102,650	256	853	189	175	108
1942.....	123,168	11,168	112,000	29,048	104,905	384	1,068	263	219	129
1943.....	152,515	14,084	138,431	26,659	108,987	528	1,270	389	260	150
1944.....	164,397	13,659	150,738	25,521	111,847	535	1,348	394	276	143
1945.....	164,067	13,973	150,094	25,190	113,733	554	1,320	408	271	151
1946.....	168,293	16,679	151,614	26,850	113,544	621	1,335	458	274	167
1947.....	189,276	18,724	170,552	27,550	115,146	679	1,481	500	304	164
1948 ⁸	210,339	19,529	190,810	27,440	117,986	712	1,617	525	331	159

¹ Includes Government payments.² Estimates for 1929-45 prepared from income estimates of the Department of Commerce. Original data were adjusted to be comparable throughout, and minor adjustments were made in estimates of nonagriculture income so that the method of computation and sources of income included would be more nearly in agreement with those used in estimating agriculture's contribution to the national income.³ Includes net income of farm operators from farming and farm wages to laborers living on farms.⁴ The income of the nonfarm population as shown here is national income minus net income of persons on farms from farming (column 1 minus column 2). Income of persons on farms from non-agricultural sources has not been deducted.⁵ Farm population includes all person enumerated on farms in the taking of the census, whether or not they were engaged in farming, adjusted to Jan. 1 in the years when the census was not taken as of Jan. 1. Estimates for intercensal years were made by the Department of Agriculture.⁶ Total population less the farm population.⁷ Obtained by dividing the index number of income per person on farms from farming by the index number of income per person not on farms (column 8 divided by column 9). This provides a measure of the relation of the net income of individuals on farms from farm operations to the income of individuals, not on farms, as specified in the Agricultural Adjustment Act of 1938.⁸ Preliminary.

Bureau of Agricultural Economics.

TABLE 683.—Rent on farm real estate: Estimated gross and net rent payable to landlords, including Government payments received, and amount of Government payments, United States, 1929-48

Year	Gross rent due landlords	Estimated expenses of landlords	Net rent			Government payments ¹	
			Total	Due landlords living on farms	Due landlords not living on farms	Received by landlords living on farms	Received by landlords not living on farms
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929	1,621,474	559,228	1,062,246	389,844	672,402		
1930	1,315,609	505,170	810,439	288,516	521,923		
1931	906,477	414,375	492,102	171,744	320,358		
1932	668,935	325,918	343,017	116,969	226,048		
1933	792,532	313,788	478,744	164,209	314,535	9,467	18,133
1934	953,323	331,289	622,034	213,358	408,676	25,314	48,486
1935	1,101,377	374,534	726,843	235,497	491,346	35,964	75,036
1936	1,187,144	399,130	788,014	259,257	528,757	17,865	36,435
1937	1,217,545	457,403	760,142	250,087	510,055	26,057	53,143
1938	1,080,191	408,047	672,144	214,414	457,730	32,538	69,462
1939	1,170,178	436,106	734,072	231,967	502,105	47,274	102,326
1940	1,210,243	455,886	754,357	237,622	516,735	44,371	96,490
1941	1,570,320	481,730	1,088,590	360,323	728,267	34,088	72,438
1942	2,009,935	499,466	1,510,469	499,965	1,010,504	39,974	86,524
1943	2,235,061	526,859	1,708,202	558,582	1,149,620	37,763	81,741
1944	2,298,925	541,894	1,757,031	581,577	1,175,454	44,624	88,543
1945	2,357,819	560,463	1,797,356	585,938	1,211,418	41,670	83,238
1946	2,896,172	711,503	2,184,669	705,648	1,479,021	43,748	86,842
1947	3,219,698	879,558	2,340,140	751,185	1,588,955	17,061	35,939
1948 ²	3,131,799	1,029,557	2,102,242	672,717	1,429,525	16,384	34,656

¹ These payments are already included in the columns showing gross rent and net rent.

² Revised.

Bureau of Agricultural Economics.

TABLE 684.—*Spending for family living: Average expenditures for selected items by account-keeping farm families in four States, 1937-48*

Year	Annual expenditure per family				Average family size	Year	Annual expenditure per family				Average family size
	Food	Clothing	Medical care	Furniture and equipment			Food	Clothing	Medical care	Furniture and equipment	
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1937	255	158	72	126	3.8	1943	352	246	137	124	3.7
1938	233	144	75	99	3.9	1944	383	249	144	121	3.7
1939	227	150	81	104	3.8	1945	401	260	178	118	3.7
1940	235	154	92	122	3.8	1946	459	311	196	237	3.4
1941	267	184	95	145	3.9	1947	541	356	190	367	3.4
1942	311	232	124	164	3.8	1948	570	394	207	383	3.5

KANSAS											
Year	Food	Clothing	Medical care	Furniture and equipment	Average family size	Year	Food	Clothing	Medical care	Furniture and equipment	Average family size
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1937	233	138	67	131	4.0	1943	352	198	115	96	3.9
1938	232	124	73	93	4.0	1944	398	230	112	92	3.9
1939	223	123	76	85	4.0	1945	387	209	168	100	3.8
1940	224	130	75	86	4.2	1946	463	270	202	207	3.7
1941	241	140	76	158	4.1	1947	553	345	200	365	3.9
1942	322	180	109	186	4.4	1948	585	354	209	356	3.7

SOUTHEAST MINNESOTA											
Year	Food	Clothing	Medical care	Furniture and equipment	Average family size	Year	Food	Clothing	Medical care	Furniture and equipment	Average family size
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1937	304	127	81	97	4.4	1943	414	203	128	85	4.3
1938	283	109	70	84	4.5	1944	419	197	130	77	3.9
1939	277	101	76	118	4.6	1945	413	207	138	76	4.1
1940	294	124	90	97	4.2	1946	536	259	155	178	4.0
1941	329	159	92	123	4.2	1947	617	309	157	335	3.9
1942	401	204	118	143	4.5	1948	658	308	219	333	4.1

IOWA											
Year	Food	Clothing	Medical care	Furniture and equipment	Average family size	Year	Food	Clothing	Medical care	Furniture and equipment	Average family size
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1937	270	202	70	(¹)	4.4	1943	371	236	119	(¹)	4.2
1938	259	156	77	(¹)	4.5	1944	404	271	129	(¹)	4.2
1939	249	154	89	(¹)	4.4	1945	401	281	139	(¹)	4.2
1940	243	152	88	(¹)	4.3	1946	475	338	167	(¹)	4.2
1941	294	183	90	(¹)	4.2	1947	596	396	258	(¹)	4.1
1942	341	225	97	(¹)	4.2	1948	616	423	226	(¹)	4.0

AVERAGE FOR ALL FOUR STATES											
Year	Food	Clothing	Medical care	Furniture and equipment	Average family size	Year	Food	Clothing	Medical care	Furniture and equipment	Average family size
	Dollars	Dollars	Dollars	Dollars	Persons		Dollars	Dollars	Dollars	Dollars	Persons
1937	268	158	73	² 117	4.2	1943	374	223	126	² 103	4.0
1938	253	134	75	² 92	4.2	1944	401	238	131	² 98	3.9
1939	246	133	81	² 105	4.2	1945	402	243	155	² 98	4.0
1940	251	141	87	² 104	4.1	1946	485	297	178	² 208	3.8
1941	286	169	89	² 140	4.1	1947	578	352	201	² 355	3.8
1942	345	213	112	² 162	4.2	1948	609	372	216	² 359	3.8

¹ Data not available.² Average for Illinois, Kansas, and southeast Minnesota.

Bureau of Human Nutrition and Home Economics. Compiled from annual summaries of farm and family accounts submitted to State colleges. Data for 1936 in Agricultural Statistics, 1948, table 679.

TABLE 685.—Average expenditures for family living and farm production, and amount available for savings or investment, of farm families, by gross income class, United States and regions, 1946

Area and classified gross cash income (dollars)	Average gross income	Average expenditures for—			Residual available for savings or investment
		Farm production	Family living	Total	
United States:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
0-499.....	293	353	656	1,009	-716
500-999.....	755	363	759	1,122	-367
1,000-1,499.....	1,261	591	931	1,522	-261
1,500-1,999.....	1,728	792	1,129	1,921	-193
2,000-2,999.....	2,430	1,091	1,462	2,553	-123
3,000-3,999.....	3,463	1,608	1,704	3,312	151
4,000-4,999.....	4,361	2,067	1,942	4,009	352
5,000-7,499.....	5,972	2,854	2,237	5,091	881
7,500-9,999.....	8,519	4,202	2,566	6,768	1,751
10,000-19,999.....	12,890	7,745	3,025	10,770	2,120
20,000 and over.....	33,585	20,449	5,379	25,828	7,757
Average.....	4,330	2,289	1,629	3,918	412
Northeast:					
0-999.....	519	528	827	1,355	-837
1,000-1,999.....	1,518	1,094	1,126	2,220	-703
2,000-2,999.....	2,529	1,124	1,840	2,964	-435
3,000-3,999.....	3,639	2,242	2,004	4,246	-607
4,000-4,999.....	4,288	1,925	2,206	4,131	157
5,000-7,499.....	5,932	3,010	2,259	5,269	663
7,500-9,999.....	8,546	5,248	2,445	7,693	853
10,000 and over.....	20,841	12,372	3,695	16,067	4,773
Average.....	5,800	3,300	2,060	5,360	440
North Central:					
0-499.....	255	585	770	1,355	-1,100
500-999.....	792	516	792	1,308	-516
1,000-1,499.....	1,270	793	1,054	1,847	-577
1,500-1,999.....	1,762	938	1,125	2,063	-301
2,000-2,999.....	2,500	1,305	1,324	2,629	-129
3,000-3,999.....	3,445	1,659	1,558	3,217	228
4,000-4,999.....	4,382	2,188	1,883	4,071	311
5,000-7,499.....	6,074	2,923	2,097	5,020	1,054
7,500-9,999.....	8,598	4,067	2,562	6,629	1,969
10,000-19,999.....	12,962	7,417	2,807	10,224	2,738
20,000 and over.....	31,049	23,514	3,924	27,438	3,611
Average.....	5,217	2,877	1,762	4,639	578
South:					
0-499.....	305	251	577	828	-524
500-999.....	748	312	714	1,026	-278
1,000-1,499.....	1,258	494	875	1,369	-111
1,500-1,999.....	1,715	666	1,094	1,760	-46
2,000-2,999.....	2,363	898	1,342	2,240	122
3,000-3,999.....	3,432	1,374	1,643	3,017	415
4,000-4,999.....	4,361	1,933	1,775	3,708	654
5,000-7,499.....	5,731	2,583	2,244	4,827	904
7,500 and over.....	17,191	9,712	3,844	13,556	3,635
Average.....	2,660	1,249	1,233	2,482	177
West:					
0-1,499.....	778	1,003	1,603	2,606	-1,829
1,500-1,999.....	1,680	1,190	1,568	2,758	-1,078
2,000-2,999.....	2,409	1,186	2,254	3,440	-1,031
3,000-3,999.....	3,444	1,493	2,219	3,717	-273
4,000-4,999.....	4,368	2,071	2,411	4,482	-114
5,000-7,499.....	5,954	2,860	2,828	5,688	266
7,500-9,999.....	8,408	4,117	2,660	6,777	1,630
10,000-19,999.....	13,364	6,965	3,691	10,556	2,707
20,000 and over.....	41,240	24,636	6,744	31,380	9,860
Average.....	8,769	4,812	2,913	7,725	1,044

Bureau of Agricultural Economics. From the January 1947 survey of agriculture. Results are unadjusted averages from sample interviews conducted by the Bureau. They are subject to sampling errors and to the biases characteristic of income surveys, which are particularly marked in the upper income groups.

TABLE 686.—*Farm-operator family level-of-living indexes: Averages, by States, 1940 and 1945*¹

State and division	Average index value		Change, 1940 to 1945		State and division	Average index value		Change, 1940 to 1945	
	1940	1945	Index points	Percentage of 1940 index value		1940	1945	Index points	Percentage of 1940 index value
				<i>Percent</i>					<i>Percent</i>
Maine.....	98	116	18	18	South Carolina....	41	55	14	34
New Hampshire....	115	137	22	19	Georgia.....	37	52	15	41
Vermont.....	106	125	19	18	Florida.....	54	75	21	39
Massachusetts....	127	152	25	20	South Atlantic....	49	65	16	33
Rhode Island.....	138	158	20	14	Kentucky.....	49	61	12	24
Connecticut.....	138	170	32	23	Tennessee.....	36	50	14	39
New England.....	115	137	22	19	Alabama.....	25	38	13	52
New York.....	120	145	25	21	Mississippi.....	22	32	10	45
New Jersey.....	140	176	36	26	East South Central	35	48	13	37
Pennsylvania.....	102	122	20	20	Arkansas.....	25	37	12	48
Middle Atlantic..	114	139	25	23	Louisiana.....	34	51	17	50
Ohio.....	113	134	21	19	Oklahoma.....	62	79	17	27
Indiana.....	111	134	23	21	Texas.....	79	101	22	28
Illinois.....	113	139	26	23	West South Central	62	81	19	31
Michigan.....	99	117	18	18	Montana.....	83	107	24	29
Wisconsin.....	167	131	24	22	Idaho.....	99	128	29	29
East North Central	109	131	22	20	Wyoming.....	102	124	22	22
Minnesota.....	107	130	23	21	Colorado.....	96	122	26	27
Iowa.....	133	162	29	22	New Mexico.....	(2)	70	(2)	(2)
Missouri.....	78	93	15	19	Arizona.....	(2)	115	(2)	(2)
North Dakota.....	84	111	27	32	Utah.....	2 89	104	2 15	2 17
South Dakota.....	87	107	20	23	Nevada.....	105	129	24	23
Nebraska.....	105	132	27	26	Mountain.....	91	113	22	24
Kansas.....	101	135	34	34	Washington.....	113	145	32	28
West North Central	100	125	25	25	Oregon.....	112	136	24	21
Delaware.....	100	136	36	36	California.....	132	161	29	22
Maryland.....	91	121	30	33	Pacific.....	121	150	29	24
Virginia.....	58	72	14	24	United States....	80	100	20	25
West Virginia.....	54	65	11	20					
North Carolina....	46	60	14	30					

¹ Indexes based on data from the 1940 and the 1945 Census of Agriculture. The index value shown for a State or a division is the unweighted average of the index values for all counties of that State or division.

The items on which the indexes of farm operator level-of-living are based include: (1) The percentage of farms with electricity in the farm dwelling; (2) the percentage of farms with telephone in farm dwelling; (3) the percentage of farms with automobiles; and (4) the average value of products sold or traded in the preceding year per farm reporting (adjusted for changes in purchasing power). The indexes show only the average level-of-living for a county and do not throw any light on the differences among farm operator families within the county.

² Indexes for 1940 were not computed for 11 counties in Arizona, 9 in New Mexico, and 1 in Utah; hence State averages are not shown for Arizona and New Mexico. Comparable data could not be obtained for these 21 counties because of differences between the two censuses in obtaining information on Indians living in reservations in these counties. The 1945 indexes for these counties are based on returns that do not include Indians in reservations.

Bureau of Agricultural Economics. Further details can be found in the processed report: Farm Operator Family Level-of-Living Indexes for Counties of the United States, 1940 and 1945.

TABLE 687.—Production expenses of farm operators, United States, 1929-48

Year	Feed bought	Live-stock bought, excluding work stock	Fertilizer and lime	Operation of motor vehicles ¹	Maintenance or depreciation of buildings, machinery and equipment ²	Wages of hired farm labor ³	Farm property taxes levied ⁴	Farm mortgage interest ⁵	Net rent to non-farm-landlords ⁶	Other expenses ⁷	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1929.....	919	461	293	509	1,273	1,284	641	582	672	1,146	7,780
1930.....	791	312	288	496	1,231	1,134	638	572	522	1,075	7,059
1931.....	448	220	202	420	1,047	847	581	559	320	990	5,634
1932.....	348	164	125	384	890	584	504	534	227	814	4,574
1933.....	422	168	128	374	805	512	434	472	315	744	4,374
1934.....	542	152	158	406	830	601	420	430	409	779	4,727
1935.....	528	269	177	435	870	740	431	396	491	774	5,111
1936.....	755	228	196	456	936	880	436	364	532	798	5,581
1937.....	805	282	248	512	1,039	1,039	448	341	510	902	6,126
1938.....	557	310	226	520	1,048	1,000	444	320	458	861	5,744
1939.....	732	404	240	545	1,088	982	452	305	502	838	6,088
1940.....	998	476	261	584	1,088	1,023	446	293	430	885	6,484
1941.....	1,089	585	292	645	1,223	1,243	457	284	676	974	7,469
1942.....	1,625	799	352	812	1,406	1,633	461	272	943	1,162	9,465
1943.....	2,135	779	423	932	1,559	2,019	472	246	1,048	1,269	10,882
1944.....	2,427	677	476	1,068	1,706	2,197	495	230	1,057	1,307	11,640
1945.....	2,704	870	510	1,115	1,932	2,312	534	220	1,073	1,339	12,629
1946.....	2,964	1,063	620	1,293	2,100	2,550	617	216	1,303	1,512	14,238
1947.....	3,692	1,268	685	1,546	2,630	2,837	705	222	1,474	1,790	16,849
1948 ⁸	3,865	1,499	750	1,783	3,225	3,062	765	229	1,442	1,936	18,556

¹ Includes expenditures for gasoline, oil, tires, and labor for repairing tractors; and gasoline, oil, tires, replacement parts, labor for repairs, registration fees, and insurance for automobiles and trucks. Only 40 percent of the total operating costs of automobiles is included as a production expense for 1929-41 and 1946-48; 50 percent for 1942-45.

² Estimated total amount that would need to be spent annually by farmers for labor and materials in order to maintain the condition of buildings, machinery, and equipment on farms at the beginning of the year in a constant state of repair.

³ Cash wages and the value of perquisites supplied to hired farm laborers.

⁴ Includes taxes levied against farm real estate and farm personal property.

⁵ Interest charges payable during the calendar year on outstanding farm-mortgage debt.

⁶ Gross rent paid to nonfarm landlords, including Government payments, minus the expenses of agricultural production charged against them. Beginning with 1940, farm mortgage interest paid by nonfarm landlords is also deducted. For earlier years, this item is duplicated in the farm mortgage interest series.

⁷ Horses and mules, insecticides, containers, twine, ginning, seeds and nursery stock, miscellaneous expenditures for operation of greenhouses and nurseries, electricity for production; gasoline, oil, and repairs for operating stationary gasoline and steam engines; grazing fees, irrigation charges; fire, windstorm, hail, and crop insurance; veterinary services and medicines, miscellaneous dairy supplies, blacksmithing and miscellaneous hardware supplies, short-term interest, and tolls for boiling down sugarcane sirup and sorgo sirup.

⁸ Preliminary.

Bureau of Agricultural Economics.

TABLE 688.—Labor required on farms: Estimated requirements in terms of man-hours for all farm work, by enterprises, United States, selected periods and years, 1910-48 ¹

Enterprise	1910-14	1915-19	1920-24	1925-29	1930-34	1935-39	1940-44	1940	1941	1942	1943	1944	1945	1946	1947 ²	1948 ²
	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours	Million man hours
Milk cows.....	2,658	2,821	2,965	3,107	3,521	3,483	3,487	3,448	3,474	3,515	3,517	3,479	3,446	3,315	3,212	3,040
Other cattle.....	634	693	581	543	602	596	721	643	689	743	757	774	760	742	756	730
Hogs.....	438	495	529	511	498	436	608	529	531	632	750	599	559	556	546	546
Sheep and wool.....	191	175	168	216	248	242	250	251	263	265	247	222	210	196	173	171
Poultry ³	786	810	872	992	988	943	1,127	999	1,013	1,114	1,252	1,257	1,260	1,199	1,136	1,106
All productive livestock ⁴	4,836	5,123	5,244	5,498	5,986	5,829	6,322	5,999	6,099	6,398	6,652	6,460	6,364	6,137	5,952	5,722
Horses and mules.....	1,859	1,972	1,906	1,651	1,349	1,091	919	971	944	919	897	862	820	766	699	640
All livestock.....	6,695	7,095	7,150	7,149	7,335	6,920	7,241	6,970	7,043	7,317	7,549	7,322	7,184	6,903	6,651	6,362
Corn.....	3,539	3,498	3,296	2,999	2,910	2,594	2,331	2,393	2,323	2,326	2,329	2,283	2,121	2,106	1,932	2,040
Feed grain other than corn.....	762	800	727	694	584	537	588	581	600	622	567	568	537	523	450	496
Hay.....	878	1,039	1,046	937	836	907	1,045	1,057	1,041	1,093	1,029	1,006	1,051	953	931	919
Cotton.....	3,937	3,421	3,247	4,086	3,367	2,749	2,269	2,456	2,177	2,388	2,183	2,142	1,730	1,705	2,113	2,523
Tobacco.....	457	579	597	649	631	683	655	629	556	622	631	834	864	980	933	787
Wheat.....	767	805	736	611	510	503	402	425	432	377	359	418	425	410	444	427
Food grains other than wheat.....	138	202	188	116	89	98	87	85	89	96	88	78	77	70	73	72
Sugar crops.....	197	234	215	161	199	205	179	182	180	206	167	161	181	189	188	155
Truck crops.....	632	653	763	906	919	1,010	1,151	1,138	1,127	1,162	1,136	1,191	1,190	1,288	1,185	1,207
Vegetables except truck.....	389	405	388	355	388	353	339	325	327	325	392	330	315	329	280	283
Fruits and nuts.....	800	744	748	772	759	753	751	738	771	764	718	764	743	804	785	758
Oil crops.....	77	107	112	134	152	192	324	246	243	383	409	339	344	330	354	346
Other crops.....	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217	217
All crops.....	12,790	12,704	12,280	12,637	11,561	10,801	10,338	10,472	10,083	10,581	10,225	10,331	9,795	9,904	9,885	10,230
Farm maintenance ⁵	3,439	3,494	3,429	3,492	3,335	3,118	3,102	3,078	3,023	3,159	3,136	3,115	2,997	2,962	2,918	2,928
All farm work.....	22,924	23,293	22,859	23,278	22,231	20,839	20,681	20,520	20,149	21,057	20,910	20,768	19,976	19,769	19,454	19,520

¹ Man-hours are in terms of the time required by average adult males to perform various farm tasks. Since many women, children, and older workers accomplish less in an hour than an average adult male, actual hours of work on many enterprises are in excess of those shown.

² Preliminary.

³ Includes labor required for chickens raised, hens and pullets for egg production, broilers, and turkeys.

⁴ Includes, in addition to the livestock listed above, the labor required for minor livestock enterprises, such as goats, bees, ducks, and geese.

⁵ Includes labor required for fencing, repairs to buildings, machinery and equipment, farm woods, pastures, general land maintenance, farm business, and other miscellaneous work.

Bureau of Agricultural Economics.

TABLE 689.—Materials used in the manufacture of mixed fertilizers, continental United States, 1941, 1944, and 1947¹

Material	1941	1944	1947	Material	1941	1944	1947
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Chemical nitrogenous:				Phosphatic—Continued			
Ammonia and solutions.....	176	316	656	Superphosphate, double.....	95	58	147
Calcium cyanamide.....	33	8	29	Wet-mixed base goods.....	130	52	38
Nitrate of soda.....	69	12	56	Other ⁴		28	2
Sulfate of ammonia.....	354	595	637	Potassic:			
Ammonium nitrate.....	0	100	112	Manure salts.....	90	178	112
Other ²	40	18	49	Muriate of potash.....	522	795	1,103
Organic ammoniates:				Nitrate of soda-potash and potassium nitrate.....	9	1	64
Animal manures, dried.....	10	20	11	Sulfate of potash.....	54	112	72
Castor pomace.....	77	85	49	Sulfate of potash-magnesia.....	5		93
Cocoa byproducts.....	30	12	20	Tobacco stems.....	90	103	90
Cotton-seed meal.....	13	37	30	Other ⁵	7	20	11
Fish scrap.....	41	1	9	Fillers and miscellaneous:			
Guano.....	14	5	2	Dolomite and limestone.....	350	450	656
Sewage sludge, activated.....	114	90	0	Land plaster.....	70	80	120
Sewage sludge, other.....	30	25	43	Other secondary nutrient materials ⁶	2	16	91
Tankage, animal.....	20	5	10	Manganese sulfate.....	8	12	13
Tankage, garbage.....	14	15	26	Minor element, other.....	4	12	25
Tankage, process.....	89	105	90	Peanut-hull meal.....	50	30	60
Tung meal.....	3	3	4	Peat.....	30	40	50
Other ³	14	7	19	Other conditioners ⁷			90
Phosphatic:				Sand, etc.....	603	679	938
Ammonium phosphate.....	22	29	81	Total.....	5,817	8,513	11,671
Basic slag.....	5	0	0				
Bone meal.....	10	1	8				
Rock phosphate.....	31	21	42				
Superphosphate.....	2,487	4,336	5,913				

¹ The tonnages are on the basis of materials as used. The 1941 and 1944 data were obtained directly from manufacturers or estimated. The 1947 data are based on the Census of Manufactures, supplemented with additional information obtained directly from producers. The census returns for superphosphates were given in terms of 18 and 45 percent P₂O₅. In this table the normal superphosphate is converted into equivalent tons of 19.2 percent superphosphate and the double into 47.0 percent, which are the average values of the material actually used.

² Calcium nitrate, Cal-Nitro, urea, and similar materials.

³ Dried blood, hoof and horn meal, other seed meals, king crab meal, lobster scrap, wool waste, and many other natural organics.

⁴ Spent bone black, high-grade residue, precipitated phosphate, phosphoric acid, etc.

⁵ Cement-kiln dust, cotton-hull ashes, wood ashes, molasses distillery ash, and potassium carbonate.

⁶ Magnesium oxide, magnesium sulfate, magnesium carbonate, sulfur, etc.

⁷ Revised.

⁸ Furfural waste, rice hulls, and similar materials.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 690.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1945-47

Item	Quantity			Value		
	1945	1946	1947	1945	1946	1947
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime.....	1 120, 529	1 113, 486	1 106, 364	1 827, 920	1 899, 677	1 913, 992
Hydrated.....	1 252, 881	1 271, 172	1 233, 999	1 2, 078, 924	1 2, 251, 936	1 2, 243, 846
Oystershells, crushed for fertilizer lime ²	138, 032	45, 590	46, 447	572, 399	177, 048	189, 164
Limestone pulverized.....	17, 395, 570	22, 781, 750	22, 605, 500	25, 892, 317	32, 482, 907	35, 075, 883
Calcareous marl.....	154, 122	213, 448	176, 187	188, 311	248, 530	235, 190
Total.....	18, 061, 134	23, 425, 446	23, 168, 497	29, 559, 871	36, 060, 098	38, 658, 075
Phosphate rock sold or used by producers:						
Sold for direct application to soil:						
Florida:						
Hard rock.....	63, 491	100, 881	79, 330	426, 061	762, 127	618, 330
Soft rock.....	71, 715	97, 067	88, 620	293, 433	387, 708	326, 064
Land pebble.....	4, 103, 022	4, 807, 563	6, 314, 077	15, 578, 980	19, 867, 339	31, 975, 858
Tennessee ³	1, 294, 297	1, 362, 600	1, 411, 884	6, 062, 688	7, 014, 490	7, 779, 099
Other States.....	274, 198	492, 602	1, 193, 288	1, 589, 915	3, 012, 157	6, 762, 630
Total.....	5, 806, 723	6, 860, 713	9, 087, 199	23, 951, 077	31, 043, 821	47, 461, 981

¹ Lime from oystershells included with lime from limestone.

² Figures supplied by Fish and Wildlife Service, Department of Interior.

³ Includes sintered matrix.

⁴ Includes small quantity from Virginia.

Bureau of Agricultural Economics. Compiled from reports of the Bureau of Mines.

Figures for earlier years appear in previous issues of Agricultural Statistics and the Yearbook.

TABLE 691.—Total fertilizer: Consumption on farms, by States, 1946-48¹

State and division	1946	1947	1948 ²	State and division	1946	1947	1948 ²
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Maine.....	277	285	264	Virginia.....	685	669	638
New Hampshire.....	28	22	30	West Virginia.....	92	99	89
Vermont.....	46	43	54	North Carolina.....	1, 717	1, 653	1, 555
Massachusetts.....	89	84	86	South Carolina.....	944	944	884
Rhode Island.....	18	18	19	Georgia.....	1, 142	1, 097	1, 183
Connecticut.....	83	78	83	Florida.....	1, 061	872	748
New York.....	550	574	580	South Atlantic.....	5, 940	5, 647	5, 387
New Jersey.....	260	243	255	Kentucky.....	376	506	595
Pennsylvania.....	525	521	485	Tennessee.....	359	380	466
North Atlantic.....	1, 876	1, 868	1, 856	Alabama.....	905	713	966
Ohio.....	731	775	891	Mississippi.....	477	532	586
Indiana.....	693	804	810	Arkansas.....	173	179	253
Illinois.....	321	366	399	Louisiana.....	259	229	235
Michigan.....	393	393	417	Oklahoma.....	69	84	121
Wisconsin.....	302	357	415	Texas.....	396	414	467
Minnesota.....	126	140	215	South Central.....	3, 004	3, 037	3, 689
Iowa.....	215	232	313	Washington.....	91	105	100
Missouri.....	302	268	423	Oregon.....	74	91	87
Kansas.....	61	117	117	California.....	575	598	549
Other States.....	19	58	80	Other States.....	151	183	208
North Central.....	3, 163	3, 510	4, 080	Western.....	891	977	944
Delaware.....	52	55	55	United States.....	14, 874	15, 039	15, 956
Maryland.....	245	256	233				
District of Columbia.....	2	2	2				

¹ Includes fertilizer distributed by the AAA and the Tennessee Valley Authority.

² Preliminary.

Bureau of Agricultural Economics. Compiled from reports of National Fertilizer Association. Data for 1935-45 in previous issues of Agricultural Statistics. For use of ground limestone, see table 687, in Agricultural Statistics, 1948.

TABLE 692.—Plant food: Quantities of commercial fertilizers consumed and their average plant food content, United States, 1929-48¹

Year	Mixed fertilizers				All fertilizers			
	Quantity	Nitrogen	Phosphoric oxide	Potash	Quantity	Nitrogen	Phosphoric oxide	Potash
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent
1929.....	5,508	3.00	9.90	4.70	8,208	4.29	9.43	4.12
1930.....	5,616	3.10	9.80	5.00	8,425	4.47	9.41	4.20
1931.....	4,405	3.20	9.70	5.10	6,541	4.60	9.34	4.20
1932.....	3,200	3.30	9.60	5.20	4,545	4.66	9.08	4.22
1933.....	3,664	3.40	9.40	5.30	5,110	4.70	9.07	4.35
1934.....	4,096	3.55	9.18	5.37	5,794	4.75	9.14	4.53
1935.....	4,482	3.49	9.32	5.51	6,534	4.77	9.14	4.69
1936.....	5,047	3.61	9.29	5.69	7,222	4.85	9.32	4.85
1937.....	5,852	3.68	9.34	5.84	8,433	4.88	9.41	4.93
1938.....	5,326	3.72	9.41	6.09	7,758	4.95	9.59	5.07
1939.....	5,474	3.74	9.43	6.18	7,993	4.98	9.88	5.12
1940.....	5,513	3.76	9.64	6.50	8,656	4.85	10.57	5.04
1941.....	5,928	3.83	9.69	6.70	9,381	4.88	10.59	4.98
1942.....	6,837	3.68	9.69	6.95	10,131	3.93	11.16	5.40
1943.....	8,150	3.21	10.49	7.17	11,754	4.30	10.58	5.47
1944.....	8,713	3.87	10.32	6.93	13,330	4.76	10.56	4.87
1945.....	9,254	3.96	10.27	7.51	13,988	4.56	10.12	5.37
1946.....	11,158	3.88	10.45	7.17	16,087	4.70	10.39	5.30
1947.....	11,908	4.00	10.56	7.02	17,397	4.80	10.20	5.05
1948 ²	12,500	4.04	10.71	7.15	18,300	4.84	10.38	5.16

¹ Including Hawaii and Puerto Rico, also fertilizers distributed by Government agencies.² Preliminary.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 693.—Plant food: Sources in commercially mixed fertilizers, United States, selected years, 1929-48

Year	Nitrogen				Phosphoric oxide			Potash		
	Ammonia and its salts	Nitrates	Natural organics	Organic chemicals	Normal superphosphate	Concentrated phosphates ¹	All other	High-grade salts ²	Manure salts ³	All other
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929.....	48.2	19.0	22.2	10.6	87.4	5.1	7.5	54.3	38.5	7.2
1935.....	53.0	18.3	21.9	6.8	86.6	7.5	5.9	77.5	6.1	16.4
1939.....	58.2	15.6	15.3	10.9	85.4	10.0	4.6	90.8	3.3	5.9
1941.....	59.0	11.5	15.8	13.7	87.5	9.1	3.4	91.5	6.0	2.5
1942.....	65.9	11.7	14.1	8.3	87.8	9.0	3.2	91.5	6.1	2.4
1943.....	67.4	17.5	9.6	5.5	93.0	5.0	2.0	91.0	7.0	2.0
1944.....	72.0	13.1	8.3	6.6	93.6	4.0	2.4	88.1	9.4	2.5
1945.....	72.1	13.4	7.6	6.9	92.8	5.8	1.4	90.4	4.6	5.0
1946.....	72.8	15.1	5.4	6.7	93.0	5.7	1.3	90.3	4.5	5.2
1947.....	71.6	17.8	4.7	5.9	92.2	6.9	1.0	92.4	6.4	1.3
1948 ⁴	71.8	18.0	4.5	5.7	91.5	7.5	1.0	92.7	6.0	1.3

¹ Concentrated superphosphate and ammonium phosphates.² Muriate and sulfate.³ From 1929 to 1935 inclusive, most of it was 20 percent manure salts; and since then it has averaged about 25 percent K₂O. Sulfate of potash-magnesia is included under "All other."⁴ Preliminary.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Additional statistics will be found in Circular No. 756, Consumption and Trends in the Use of Fertilizer in the Year Ended June 30, 1944.

TABLE 694.—Plant food: Tonnages¹ of commercial fertilizers consumed and their plant food content,² by States, average 1935–39, annual 1946 and 1947

State or Territory and year	Com- mercial fertilizer	Nitro- gen	Phos- phoric oxide	Potash	State or Territory and year	Com- mercial fertilizer	Nitro- gen	Phos- phoric oxide	Potash
Maine:					South Dakota:				
1935-39	Tons	Tons	Tons	Tons	1935-39	Tons	Tons	Tons	Tons
1946	135,221	7,663	14,113	16,494	1946	160	1	67	1
1947	266,992	15,213	27,796	32,056	1947	3,945	124	685	139
New Hampshire:					1947	8,204	293	1,274	115
1935-39	14,789	747	1,910	975	Nebraska:				
1946	27,764	1,156	3,659	1,812	1935-39	1,377	20	519	7
1947	28,392	934	3,924	1,646	1946	10,305	1,557	2,183	40
Vermont:					1947	18,172	3,642	1,902	42
1935-39	21,500	610	4,105	1,004	Kansas:				
1946	44,663	1,090	7,631	2,399	1935-39	12,402	145	2,840	175
1947	43,421	1,090	7,120	2,433	1946	55,192	1,295	11,345	1,022
Massachusetts:					1947	93,972	3,764	16,297	1,264
1935-39	67,379	3,761	5,974	4,023	Delaware:				
1946	88,432	4,792	8,578	6,052	1935-39	38,609	1,062	3,704	2,908
1947	83,916	4,357	8,096	5,864	1946	55,332	1,975	6,344	4,326
Rhode Island:					1947	53,601	1,787	6,377	3,914
1935-39	10,881	588	1,073	730	Maryland:				
1946	18,863	841	2,112	1,356	1935-39	170,075	4,855	17,039	11,019
1947	16,581	780	1,777	1,262	1946	244,899	8,755	29,466	16,859
Connecticut:					1947	255,866	9,439	30,168	16,868
1935-39	57,493	3,097	4,772	3,628	Dist. of Columbia:				
1946	82,412	4,467	7,019	5,248	1935-39	1,400	76	180	63
1947	78,568	4,093	6,632	5,255	1946	1,904	96	190	86
New York:					1947	2,084	108	195	89
1935-39	321,442	12,141	39,949	14,667	Virginia:				
1946	564,438	22,106	74,068	29,778	1935-39	413,486	15,206	41,965	15,582
1947	583,011	21,179	80,940	26,816	1946	673,709	23,419	81,425	32,052
New Jersey:					1947	678,573	23,942	82,425	33,534
1935-39	168,399	7,556	15,392	12,241	West Virginia:				
1946	264,312	12,229	29,839	21,725	1935-39	60,551	1,345	9,783	2,153
1947	247,456	11,871	27,084	21,257	1946	96,410	2,040	14,881	3,377
Pennsylvania:					1947	97,849	2,338	15,423	3,423
1935-39	341,153	8,055	42,427	16,749	North Carolina:				
1946	548,834	17,383	72,775	33,850	1935-39	1,082,874	47,373	84,210	46,730
1947	550,651	17,380	72,106	33,081	1946	1,706,027	75,975	154,114	94,840
Ohio:					1947	1,742,508	78,043	160,549	96,878
1935-39	335,316	7,471	45,428	17,512	South Carolina:				
1946	748,121	18,417	94,437	51,658	1935-39	669,113	34,557	47,960	28,654
1947	790,387	20,603	100,305	56,344	1946	881,964	48,257	76,678	50,373
Indiana:					1947	887,588	54,641	80,631	48,608
1935-39	217,020	4,383	29,603	17,844	Georgia:				
1946	642,871	13,192	78,709	52,527	1935-39	735,959	35,640	59,647	31,320
1947	702,139	16,282	86,738	66,850	1946	1,183,044	54,385	107,047	59,904
Illinois:					1947	1,273,139	57,940	118,132	65,403
1935-39	43,835	1,059	4,340	2,659	Florida:				
1946	614,836	8,051	47,263	29,371	1935-39	524,520	26,877	36,007	33,873
1947	1,038,938	12,217	68,150	31,903	1946	950,547	42,404	66,531	62,488
Michigan:					1947	774,023	34,301	55,157	50,259
1935-39	131,799	3,083	17,250	8,989	Kentucky:				
1946	392,673	9,866	53,383	27,249	1935-39	120,769	2,213	23,329	2,916
1947	411,774	11,356	53,396	29,866	1946	372,693	11,574	49,555	15,412
Wisconsin:					1947	415,689	13,901	49,979	18,335
1935-39	38,523	1,052	5,000	3,436	Tennessee:				
1946	316,703	8,250	43,165	27,955	1935-39	136,126	3,197	19,014	4,327
1947	364,633	12,267	48,632	31,147	1946	429,094	15,425	56,257	17,384
Minnesota:					1947	460,207	17,392	60,259	18,645
1935-39	12,059	289	1,827	1,271	Alabama:				
1946	165,567	3,065	29,091	8,799	1935-39	522,793	29,328	43,442	21,449
1947	178,392	5,235	29,749	11,579	1946	899,781	46,891	93,676	35,770
Iowa:					1947	1,004,118	50,148	96,304	44,834
1935-39	9,039	142	1,405	600	Mississippi:				
1946	215,791	5,422	32,913	10,463	1935-39	261,834	22,620	17,362	8,876
1947	262,407	9,954	37,065	11,198	1946	587,122	53,456	46,366	19,377
Missouri:					1947	651,648	65,395	49,547	18,638
1935-39	74,832	1,269	11,756	1,772	Arkansas:				
1946	249,106	5,097	38,830	10,285	1935-39	60,196	4,227	4,314	2,525
1947	302,603	10,536	40,007	14,231	1946	209,773	18,582	18,910	12,212
North Dakota:					1947	238,215	20,098	25,153	12,215
1935-39	540	4	174	5	Louisiana:				
1946	12,534	270	2,017	861	1935-39	135,280	11,768	9,929	4,132
1947	27,425	516	4,586	1,266	1946	258,894	21,593	23,310	9,127
					1947	263,966	24,958	25,331	7,850

See footnotes at end of table.

TABLE 694.—Plant food: Tonnages¹ of commercial fertilizers consumed and their plant food content,² by States, average 1935-39, annual 1946 and 1947—Continued

State or Territory and year	Com- mercial fertilizer	Nitro- gen	Phos- phoric oxide	Potash	State or Territory and year	Com- mercial fertilizer	Nitro- gen	Phos- phoric oxide	Potash
Oklahoma:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	Nevada:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1935-39.....	7,082	253	729	303	1935-39.....	440	18	109	9
1946.....	46,996	1,077	5,158	1,104	1946.....	523	21	142	5
1947.....	68,499	1,665	6,262	1,104	1947.....	755	25	158	8
Texas:					Washington:				
1935-39.....	78,106	3,981	8,730	3,066	1935-39.....	25,119	1,457	2,607	1,444
1946.....	361,618	19,933	46,111	9,298	1946.....	111,989	8,415	13,098	3,503
1947.....	439,106	20,186	59,567	10,021	1947.....	91,706	7,048	10,504	3,354
Montana:					Oregon:				
1935-39.....	4,154	58	1,689	42	1935-39.....	16,581	1,077	1,823	895
1946.....	11,512	468	3,856	37	1946.....	95,119	8,654	9,691	2,460
1947.....	11,236	521	3,498	25	1947.....	94,055	8,213	10,509	2,760
Idaho:					California:				
1935-39.....	5,603	47	1,961	81	1935-39.....	209,123	26,007	14,069	6,034
1946.....	64,704	2,576	10,500	820	1946.....	1,118,997	94,918	53,361	17,890
1947.....	58,676	2,742	10,771	699	1947.....	1,263,015	105,307	57,016	14,719
Wyoming:					United States:				
1935-39.....	1,728	10	792	10	1935-39.....	7,310,426	337,338	703,926	353,280
1946.....	5,521	53	1,652	10	1946.....	15,800,153	723,681	1,653,060	823,948
1947.....	5,232	181	999	2	1947.....	17,056,922	794,781	1,755,609	846,474
Colorado:					Alaska:				
1935-39.....	3,134	101	978	54	1935-39.....	167	8	30	10
1946.....	26,604	2,327	5,491	265	1946.....	330	22	78	30
1947.....	27,322	1,787	5,383	737	1947.....	466	25	46	46
New Mexico:					Hawaii:				
1935-39.....	2,401	72	752	7	1935-39.....	126,730	17,610	7,644	8,871
1946.....	11,134	747	3,226	29	1946.....	82,739	12,024	4,874	8,772
1947.....	12,332	673	2,286	40	1947.....	101,540	14,929	5,661	11,947
Arizona:					Puerto Rico:				
1935-39.....	6,281	750	881	33	1935-39.....	147,814	16,288	7,968	12,925
1946.....	44,751	4,966	5,166	191	1946.....	204,127	19,914	12,929	19,459
1947.....	73,211	7,803	6,870	476	1947.....	238,871	25,978	13,998	20,756
Utah:					United States, in- cluding noncon- tinguous Territories ³				
1935-39.....	1,930	27	1,017	13	1935-39.....	7,585,137	371,244	719,568	375,086
1946.....	14,988	816	3,360	74	1946.....	16,087,349	755,641	1,670,941	852,209
1947.....	19,051	1,513	3,611	69	1947.....	17,397,799	835,713	1,775,314	879,223

¹ Includes Government distribution, secondary and minor element fertilizers, but not liming materials.

² Calculated from the quantities of each grade and kind of fertilizer shipped to farmers by fertilizer manufacturers and the chemical composition of those fertilizers, as calculated from analysis bulletins of the respective State Fertilizer Control Authorities.

³ Includes the Territories of Alaska, Hawaii, and Puerto Rico. The consumption of commercial fertilizers in other noncontiguous Territories is negligible.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Additional data are given in the Journal of the American Society of Agronomy 37, 595-609 (1945).

TABLE 695.—*Insecticides and fungicides: Average wholesale price per pound, at works, 1939-48*¹

Year	Arsenic, white, powder ²	Bordeaux mixture ³	Calcium arsenate ⁴	Cube root, 5-percent rotenone	Lead arsenate, powder ⁵	Nicotine sulfate, 40-percent blackleaf	Paris green	Pyrethrum 0.9-percent pyrethrins, fine ground ⁶
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1939.....	3.0	11.0	6.8	24.0	10.7	67.0	24.0	30.6
1940.....	3.2	11.0	6.5	23.5	9.2	67.0	24.0	29.4
1941.....	3.7	11.0	6.7	24.6	9.6	68.1	24.4	21.5
1942.....	4.0	11.0	7.4	39.2	11.4	79.4	25.0	26.0
1943.....	4.0	11.0	7.5	35.0	11.3	79.8	23.2	27.0
1944.....	4.0	11.0	7.5	37.5	11.2	79.8	22.7	29.5
1945.....	4.0	11.0	7.8	40.0	11.3	79.8	23.5	31.5
1946.....	4.4	11.0	7.8	42.6	12.9	80.6	24.5	33.8
1947.....	6.0	17.5	9.4	54.7	21.4	90.0	31.0	33.2
1948.....	6.3	18.0	9.0	36.9	24.5	97.3	31.0	26.1

¹ Average of weekly quotations.² F.o.b. New York.³ Prior to 1943 f.o.b. New York.⁴ Prior to 1942 f.o.b. New York.⁵ Prior to 1946 coarse-ground.

Bureau of Agricultural Economics. Compiled from the Oil, Paint, and Drug Reporter, and records of the Bureau of Labor Statistics.

TABLE 696.—*Number of farms electrified, average kilowatt-hours used, and unit of cost of electricity of farms, United States, 1929-48*

Year	Total farms electrified	East of 100th meridian			West of 100th meridian		
		Farms electrified	Electric energy used per farm	Average cost per kilowatt-hour ¹	Farms electrified	Electric energy used per farm ²	Average cost per kilowatt-hour ¹
	Number	Number	Kilowatt-hours	Cents	Number	Kilowatt-hours	Cents
1929.....	576,150	395,530	672	7.50	180,620	7,804	1.63
1930.....	649,900	451,203	745	7.03	198,697	7,768	1.66
1931.....	698,800	493,243	775	6.93	205,557	7,479	1.68
1932.....	709,450	503,040	765	6.62	206,410	5,727	1.83
1933.....	713,550	507,514	770	6.44	206,036	6,041	1.73
1934.....	743,950	534,199	811	6.12	209,751	6,833	1.62
1935.....	788,800	572,521	873	5.57	216,279	5,673	1.78
1936.....	1,042,900	766,689	954	5.10	276,211	5,618	1.72
1937.....	1,215,400	900,600	1,014	4.72	314,800	5,179	1.80
1938.....	1,406,500	1,066,573	1,045	4.50	339,927	4,435	1.93
1939.....	1,764,000	1,361,000	1,127	4.41	403,000	5,201	1.71
1940.....	2,050,000	1,598,208	1,073	4.33	451,792	4,396	1.95
1941.....	2,296,000	1,782,600	1,133	4.02	513,400	3,520	2.20
1942.....	2,406,000	1,860,500	1,239	3.88	539,500	3,853	2.19
1943.....	2,475,000	1,916,700	1,481	3.75	558,300	3,683	2.21
1944.....	2,629,800	2,032,700	1,461	3.73	597,100	3,894	2.08
1945.....	2,929,000	2,250,900	1,571	3.66	678,100	3,943	2.09
1946.....	3,335,700	2,551,300	1,669	3.58	784,400	4,474	1.99
1947.....	3,817,100	2,915,000	1,802	3.41	902,100	4,815	1.79
1948.....	4,388,200	3,358,100	1,997	3.30	1,030,100	5,310	1.78

¹ These rates do not include charges for the amortization of investment in lines or charges for line extensions where such are levied by the utility.² The data on energy used for farms west of the 100th meridian vary year by year, depending on the proportion of the total consumption used for irrigation pumping. As more non-irrigation consumers are served the average consumption is reduced. Hence, the figures for the West are not strictly comparable to those for the East.

Bureau of Plant Industry, Soils, and Agricultural Engineering. Compiled from reports of the Edison Electric Institute.

TABLE 697.—*Taxes levied on farm property and automotive taxes paid by farmers, United States, 1929-48*

Year	Property taxes levied ¹		Automotive taxes paid		
	Farm real estate	Farm personal property ²	Licenses and permits	Motor fuel taxes	
				State	Federal ³
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929	567,493	73,323	52,808	55,626	-----
1930	566,956	71,082	55,092	63,108	-----
1931	526,454	54,678	53,217	61,873	-----
1932	461,670	42,779	49,831	56,895	8,953
1933	399,168	34,377	44,713	56,687	22,827
1934	384,842	35,146	44,815	60,586	18,821
1935	393,878	36,758	46,948	65,745	20,604
1936	396,277	39,886	50,830	70,570	21,438
1937	406,967	41,203	56,181	74,959	23,199
1938	401,998	42,108	55,702	76,057	24,222
1939	408,565	42,949	56,472	77,771	26,105
1940	401,780	43,885	58,723	79,265	35,860
1941	406,413	50,283	62,906	81,781	45,382
1942	401,771	58,795	⁴ 97,599	76,661	46,034
1943	403,008	69,475	⁴ 86,893	72,843	46,556
1944	421,476	73,628	⁴ 86,680	74,545	49,080
1945	471,181	⁵ 83,000	⁴ 89,824	82,001	52,765
1946	524,621	⁵ 92,000	77,604	95,135	58,209
1947	600,161	⁵ 105,000	⁵ 90,838	⁵ 106,444	⁵ 63,329
1948	650,847	⁵ 115,000	⁵ 105,000	⁵ 111,000	⁵ 68,000

¹ Levies rather than payments are shown for property taxes because data for payments are not available for many States. For the country as a whole, levies and payments probably are about equal over long periods.

² Also includes taxes levied against motor vehicles under general property tax laws.

³ Federal taxation of motor fuel began in 1932.

⁴ Includes Federal motor vehicle use taxes.

⁵ Preliminary.

Bureau of Agricultural Economics.

TABLE 698.—*Tax levies on farm real estate: Amount per acre, index numbers of amount per acre, and amount per \$100 of value, United States, 1909-48*

Year	Taxes per acre		Year	Taxes per acre		Year	Taxes per acre		Taxes per \$100 of value ²
	Amount	Index ¹ (1909-13 =100)		Amount	Index ¹ (1909-13 =100)		Amount	Index ¹ (1909-13 =100)	
	<i>Dollars</i>			<i>Dollars</i>			<i>Dollars</i>		<i>Dollars</i>
1909	0.19	90	0.48	0.55	266	1.01	1937	0.39	186
1910	.19	91	.47	.55	265	1.03	1938	.38	183
1911	.21	99	.50	.56	270	1.07	1939	.39	186
1912	.21	103	.49	.56	271	1.12	1940	.38	183
1913	.24	117	.55	.57	277	1.15	1941	.38	182
1914	.24	118	.56	.58	279	1.18	1942	.37	177
1915	.26	128	.57	.58	281	1.19	1943	.36	175
1916	.28	136	.57	.57	277	1.30	1944	.37	181
1917	.31	151	.58	.53	254	1.44	1945	.41	199
1918	.33	160	.57	.46	220	1.54	1946	.46	222
1919	.41	200	.59	.39	188	1.28	1947	.53	254
1920	.51	244	.79	.37	178	1.19	1948	.57	275
1921	.54	259	.94	.37	180	1.15			
1922	.54	261	.96	.38	181	1.16			

¹ Index numbers computed before rounding tax-per-acre data to nearest cent.

² Derived from the tax-per-acre figures and value figures based on census reports and this Bureau's farm real estate value indexes.

Bureau of Agricultural Economics. Data from 1890 in Agricultural Statistics, 1941, table 712.

TABLE 699.—Tax levies on farm real estate: Amount per acre, index numbers of amount per acre, and amount per \$100 of value, by States, 1942-48

State and division	Taxes per acre														Taxes per \$100 of value						
	Amount							Index (1909-13=100) ¹													
	1942	1943	1944	1945	1946	1947	1948	1942	1943	1944	1945	1946	1947	1948	1942	1943	1944	1945	1946	1947	1948
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>								<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	0.85	0.85	0.90	1.01	1.08	1.17	1.26	300	302	319	356	380	414	444	2.89	2.59	2.60	2.79	2.77	2.92	2.95
New Hampshire..	.82	.78	.83	.88	.97	1.08	1.22	261	249	262	281	307	342	387	2.35	2.12	2.08	2.11	2.09	2.23	2.48
Vermont.....	.54	.55	.57	.59	.62	.70	.77	259	265	278	283	299	337	372	1.77	1.71	1.66	1.55	1.41	1.54	1.57
Massachusetts....	2.68	2.57	2.59	2.71	3.02	3.46	3.78	332	318	321	335	374	429	468	2.42	2.14	2.03	2.00	2.18	2.34	2.47
Rhode Island.....	1.73	1.71	1.73	1.76	1.76	1.85	1.83	379	376	380	386	386	406	402	1.43	1.31	1.29	1.19	1.08	1.08	1.03
Connecticut.....	1.84	1.85	1.94	2.19	2.46	2.67	2.87	382	383	402	453	509	552	593	1.25	1.17	1.18	1.20	1.20	1.26	1.34
New England...	1.15	1.13	1.17	1.26	1.38	1.54	1.67	309	304	315	339	370	412	448	2.02	1.84	1.81	1.80	1.81	1.94	2.02
New York.....	1.07	1.03	1.03	1.06	1.14	1.34	1.43	258	250	249	258	277	325	347	1.85	1.76	1.66	1.56	1.45	1.66	1.63
New Jersey.....	2.17	2.14	2.15	2.23	2.39	2.59	2.81	301	297	299	310	332	360	391	1.50	1.42	1.33	1.27	1.21	1.29	1.34
Pennsylvania....	1.00	.99	1.01	1.05	1.05	1.14	1.24	205	202	207	216	215	234	255	1.65	1.58	1.50	1.50	1.34	1.36	1.38
Middle Atlantic...	1.10	1.07	1.08	1.12	1.17	1.32	1.42	237	232	233	242	253	286	308	1.81	1.64	1.56	1.50	1.38	1.49	1.49
Ohio.....	.69	.70	.72	.73	.79	.84	.90	148	151	155	157	169	181	193	.94	.87	.85	.74	.71	.71	.73
Indiana.....	.70	.74	.73	.82	.88	1.11	1.15	134	143	139	158	169	212	220	.94	.89	.82	.78	.77	.89	.90
Illinois.....	.97	.97	1.01	1.06	1.36	1.48	1.75	243	244	254	266	342	371	440	1.01	.89	.87	.82	.93	.95	1.07
Michigan.....	.46	.47	.49	.54	.61	.64	.70	105	109	114	124	140	148	163	.83	.75	.75	.72	.70	.72	.77
Wisconsin.....	.78	.78	.84	.96	1.09	1.26	1.39	229	229	246	280	319	370	408	1.47	1.35	1.38	1.45	1.46	1.57	1.66
East North Central...	.75	.76	.79	.85	.99	1.12	1.24	174	178	184	198	231	260	290	1.03	.93	.92	.87	.90	.96	1.02
Minnesota.....	.67	.67	.72	.83	.90	1.09	1.15	289	287	311	355	388	470	496	1.36	1.25	1.30	1.34	1.31	1.44	1.46
Iowa.....	.96	.99	1.03	1.18	1.26	1.44	1.59	237	246	254	292	311	355	395	1.10	.99	.98	1.00	.96	.98	1.05
Missouri.....	.32	.32	.32	.33	.36	.42	.44	232	232	233	241	261	308	321	.87	.81	.74	.68	.67	.76	.75
North Dakota....	.17	.19	.19	.24	.19	.29	.31	121	137	134	167	137	104	222	1.25	1.18	1.10	1.26	.91	1.20	1.16
South Dakota....	.19	.19	.20	.23	.24	.29	.30	154	151	159	183	191	232	238	1.36	1.15	1.13	1.18	1.09	1.11	1.06
Nebraska.....	.29	.30	.32	.36	.41	.51	.53	184	187	201	228	255	320	351	1.10	.94	.90	.91	.92	.98	.92
Kansas.....	.36	.33	.32	.40	.45	.59	.61	194	176	172	215	238	315	327	1.12	.92	.79	.91	.88	.99	.99
West North Central...	.40	.40	.42	.48	.51	.63	.67	203	203	210	242	258	316	336	1.13	1.00	.98	1.01	.96	1.05	1.06

Delaware.....	.33	.33	.33	.33	.33	.35	.35	134	133	131	134	133	139	139	.46	.46	.44	.37	.32	.34	.33
Maryland.....	.78	.77	.79	.82	.86	1.01	1.05	205	203	209	216	229	267	278	1.05	.96	.94	.86	.76	.88	.89
Virginia.....	.27	.26	.27	.27	.28	.33	.37	243	240	246	247	255	297	336	.63	.56	.51	.43	.40	.47	.49
West Virginia.....	.16	.16	.16	.16	.16	.17	.18	138	138	136	136	142	148	154	.45	.42	.41	.36	.32	.33	.32
North Carolina.....	.38	.38	.38	.40	.41	.44	.47	475	482	486	503	517	554	594	.93	.80	.71	.62	.55	.56	.57
South Carolina.....	.29	.25	.25	.24	.23	.25	.26	221	193	190	182	179	190	202	.94	.71	.63	.56	.48	.49	.47
Georgia.....	.15	.15	.16	.18	.24	.25	.28	136	139	147	167	222	224	254	.66	.59	.58	.59	.67	.67	.69
Florida.....	.51	.52	.56	.67	.87	.89	.96	472	482	521	622	804	819	891	1.44	1.47	1.47	1.59	1.88	2.06	2.26
South Atlantic.....	.30	.30	.31	.34	.39	.41	.45	249	249	259	280	320	340	370	.83	.75	.71	.68	.68	.70	.72
Kentucky.....	.35	.35	.37	.38	.45	.53	.56	230	235	248	252	299	351	375	.81	.76	.72	.63	.63	.74	.72
Tennessee.....	.40	.40	.41	.43	.45	.47	.46	288	288	294	307	321	336	329	.98	.88	.84	.73	.67	.66	.61
Alabama.....	.21	.21	.22	.22	.22	.22	.23	237	239	243	247	246	250	259	.91	.80	.75	.65	.54	.53	.51
Mississippi.....	.28	.27	.27	.27	.28	.28	.32	204	198	197	197	202	206	236	1.00	.91	.82	.69	.65	.59	.64
East South Central.....	.31	.31	.32	.32	.35	.37	.39	239	239	245	250	268	285	300	.92	.84	.79	.67	.63	.64	.63
Arkansas.....	.30	.32	.33	.32	.31	.31	.31	206	216	223	221	216	212	213	1.02	.97	.87	.78	.64	.58	.52
Louisiana.....	.34	.34	.33	.34	.35	.35	.38	228	225	220	226	233	235	252	.80	.76	.70	.67	.59	.60	.57
Oklahoma.....	.23	.23	.23	.24	.25	.32	.34	124	120	122	130	132	170	183	.85	.81	.75	.66	.63	.74	.69
Texas.....	.14	.13	.14	.15	.15	.18	.17	249	232	239	268	260	309	295	.69	.57	.55	.54	.49	.52	.49
West South Central.....	.18	.18	.18	.19	.19	.22	.22	193	185	189	204	201	235	235	.77	.70	.64	.60	.54	.57	.54
Montana.....	.09	.09	.09	.10	.12	.14	.14	141	140	139	162	178	214	219	1.17	1.08	1.02	1.00	1.04	1.10	1.09
Idaho.....	.38	.42	.43	.52	.59	.66	.73	162	176	182	223	249	282	309	1.14	1.14	1.09	1.21	1.31	1.39	1.56
Wyoming.....	.05	.06	.06	.06	.07	.08	.09	165	175	181	193	208	238	273	.84	.92	.86	.75	.78	.79	.88
Colorado.....	.18	.18	.18	.20	.21	.24	.25	163	161	164	178	191	215	226	1.43	1.27	1.15	1.11	1.03	1.11	1.11
New Mexico.....	.05	.04	.04	.05	.06	.06	.08	223	210	209	216	264	270	282	.85	.67	.61	.66	.71	.66	.62
Arizona.....	.06	.06	.06	.08	.08	.12	.14	103	94	92	130	131	197	215	.87	.88	.79	.87	.87	1.27	1.49
Utah.....	.28	.28	.28	.35	.36	.48	.50	188	185	187	233	235	315	333	1.27	1.16	1.10	1.31	1.26	1.56	1.63
Nevada.....	.15	.15	.17	.17	.18	.19	.22	246	233	262	279	307	355	355	1.32	1.27	1.46	1.33	1.33	1.31	1.51
Mountain.....	.11	.11	.11	.13	.14	.17	.18	137	137	139	161	174	208	222	1.16	1.05	.97	1.03	1.00	1.12	1.18
Washington.....	.30	.32	.31	.43	.63	.60	.82	107	114	111	151	222	214	291	.70	.65	.58	.70	.92	.85	1.20
Oregon.....	.27	.21	.24	.26	.36	.38	.46	183	145	162	181	244	261	315	.95	.65	.68	.67	.87	.90	1.11
California.....	.79	.76	.87	.99	1.33	1.51	1.69	224	215	246	280	375	427	476	1.04	.86	.88	.88	1.06	1.25	1.52
Pacific.....	.53	.50	.57	.66	.90	.99	1.15	183	174	195	228	310	342	396	.97	.79	.80	.82	1.01	1.13	1.41
United States.....	.37	.36	.37	.41	.46	.53	.57	177	175	181	199	222	254	275	1.08	.95	.91	.90	.90	.96	1.00

¹ Index numbers computed before rounding tax-per-acre data to nearest cent.

Bureau of Agricultural Economics.

TABLE 700.—*Motor-vehicle registrations, motor-fuel consumption, and road-user taxes (levied by the States), United States, 1929-48*

Year	Motor-vehicle registrations and fees				Motor-fuel consumption and taxes			Motor-carrier taxes, not total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	Weighted average tax rate per gallon during year	Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year	
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total					
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Cents</i>	<i>1,000 gallons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1929.....	23,094,420	3,408,088	26,562,508	1,347,697	3.22	14,139,301	431,636	(1)
1930.....	23,013,252	3,518,747	26,531,999	1,355,580	3.35	14,753,911	494,683	(1)
1931.....	22,372,282	3,489,756	25,862,038	1,344,313	3.48	15,456,662	537,589	(1)
1932.....	20,875,833	3,256,776	24,132,609	1,325,104	3.60	14,339,151	514,139	(1)
1933.....	20,631,202	3,245,505	23,876,707	1,301,314	3.65	14,348,152	519,403	(1)
1934.....	21,523,608	3,430,396	24,954,004	307,260	3.66	15,414,896	566,642	9,494
1935.....	22,553,878	3,675,865	26,229,743	322,974	3.80	16,344,697	619,677	12,427
1936.....	24,170,854	4,001,464	28,172,318	359,783	3.85	18,099,138	691,420	15,137
1937.....	25,456,939	4,249,219	29,706,158	399,613	3.91	19,455,454	761,998	16,216
1938.....	25,232,228	4,210,477	29,442,705	388,825	3.96	19,611,643	771,764	16,421
1939.....	26,208,385	4,406,702	30,615,087	412,494	3.96	20,714,352	821,656	18,055
1940.....	27,445,038	4,590,386	32,035,424	439,178	3.96	22,001,356	870,136	17,913
1941.....	29,612,901	4,859,244	34,472,145	490,666	3.99	24,192,397	957,312	20,576
1942.....	27,970,839	4,608,086	32,578,925	448,968	3.99	19,939,887	844,855	21,896
1943.....	26,019,432	4,480,176	30,499,608	425,022	4.05	16,004,250	659,125	24,702
1944.....	25,672,849	4,513,340	30,086,189	419,479	4.06	16,429,668	680,950	26,141
1945.....	25,803,687	4,834,742	30,638,429	440,341	4.10	19,148,968	783,691	27,248
1946.....	28,220,125	5,725,692	33,945,817	520,780	4.16	25,648,998	1,064,681	30,638
1947.....	30,847,835	6,512,628	37,360,463	611,650	4.25	28,215,705	1,206,305	34,447
1948.....	33,394,884	7,227,380	40,622,264	717,794	4.35	30,460,641	1,350,028	37,389

¹ Motor-carrier fees included with registration fees prior to 1934. Segregation not available.

Bureau of Public Roads, U.S. Dept. of Commerce.

TABLE 701.—Motor-vehicle registrations, motor-fuel consumption, and road-user tax revenue, by States, 1948

State	Motor-vehicle registrations and fees				Motor-fuel consumption and taxes			Motor-carrier taxes, net total receipts of calendar year
	Registered motor vehicles, private and commercial			Net total receipts of calendar year	State tax rate per gallon at end of year	Approximate consumption of motor fuel by motor vehicles	Net total receipts of calendar year	
	Passenger automobiles, taxicabs, and busses	Motor trucks, tractor trucks, etc.	Total					
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars	1,000 dollars
Maine.....	187,779	60,938	248,717	5,731	6	195,118	11,782	92
New Hampshire.....	120,196	36,779	156,975	3,738	4	114,311	4,551	7
Vermont.....	95,852	14,821	110,673	3,798	4.5	85,761	4,112	
Massachusetts.....	949,053	149,740	1,098,793	9,223	3	808,570	23,968	175
Rhode Island.....	191,165	30,884	222,049	4,028	4	144,025	5,772	40
Connecticut.....	539,604	85,875	625,479	9,739	4	425,423	17,169	725
New York.....	2,733,133	422,758	3,155,891	65,382	4	2,138,206	81,343	17
New Jersey.....	1,118,459	199,260	1,317,719	30,969	3	1,011,760	28,627	109
Pennsylvania.....	2,140,438	402,194	2,542,632	47,589	4	1,835,983	78,148	7
Ohio.....	2,100,252	296,260	2,396,548	44,024	4	1,777,441	69,800	1,018
Indiana.....	1,067,777	227,486	1,295,457	15,338	4	912,431	36,533	228
Illinois.....	1,902,448	302,618	2,205,066	34,292	3	1,761,420	52,620	
Michigan.....	1,745,813	233,516	1,979,329	35,141	3	1,460,942	42,062	791
Wisconsin.....	831,647	196,503	1,028,150	18,213	4	744,523	29,426	2,728
Minnesota.....	800,610	167,868	968,478	17,006	4	648,497	25,864	57
Iowa.....	735,503	151,695	887,198	17,926	4	627,731	24,502	557
Missouri.....	881,522	222,608	1,104,130	14,647	2	887,085	17,723	736
North Dakota.....	163,046	70,498	233,544	3,516	4	127,842	5,469	69
South Dakota.....	186,258	60,163	246,421	2,447	4	165,983	6,668	1,176
Nebraska.....	395,200	108,615	503,815	4,568	5	341,551	18,243	53
Kansas.....	571,306	178,459	749,765	6,230	4	455,310	20,397	2,273
Delaware.....	68,752	18,304	87,056	1,641	4	74,812	2,939	
Maryland.....	473,688	95,394	569,082	14,374	5	402,834	20,064	
District of Columbia.....	148,247	18,763	167,010	3,067	4	166,869	6,519	431
Virginia.....	613,295	145,002	758,297	11,004	6	620,279	36,771	471
West Virginia.....	303,980	95,511	399,491	12,098	5	323,957	15,982	392
North Carolina.....	662,666	169,040	831,706	16,714	6	709,651	44,390	1,408
South Carolina.....	383,541	93,001	476,542	4,116	6	350,275	22,443	537
Georgia.....	544,625	163,192	707,817	4,829	6	579,048	36,712	115
Florida.....	619,269	151,666	770,935	18,638	7	590,208	45,286	723
Kentucky.....	472,095	136,727	608,822	11,038	7	465,125	28,795	1,120
Tennessee.....	521,230	139,020	660,340	10,002	7	541,349	33,950	214
Alabama.....	395,563	137,511	533,074	8,852	6	438,112	28,226	718
Mississippi.....	265,593	125,381	390,974	5,706	6	338,559	20,427	85
Arkansas.....	257,803	124,630	382,433	6,311	6.5	299,218	20,067	6
Louisiana.....	394,134	118,455	512,589	5,662	9	409,767	33,902	43
Oklahoma.....	510,299	162,941	673,240	12,714	5.5	469,100	26,864	477
Texas.....	1,779,895	492,075	2,271,970	51,650	4	1,868,288	73,748	284
Montana.....	146,634	69,159	215,793	2,514	5	152,369	7,435	162
Idaho.....	157,237	60,332	217,569	2,425	6	154,023	9,384	143
Wyoming.....	83,175	29,645	112,820	1,196	4	98,906	4,688	772
Colorado.....	356,097	106,239	462,336	4,379	6	309,611	18,377	1,657
New Mexico.....	128,180	45,438	173,618	3,282	5	171,854	8,445	644
Arizona.....	162,360	48,637	210,997	2,782	5	196,274	9,389	804
Utah.....	165,123	39,990	205,113	2,211	4	163,926	6,895	
Nevada.....	47,574	13,425	60,999	540	4	62,705	2,541	645
Washington.....	625,010	146,318	771,728	14,359	5	562,099	27,906	460
Oregon.....	450,441	114,736	564,777	4,569	5	419,003	20,905	5,033
California.....	3,201,027	547,280	3,748,307	87,576	4.5	2,852,507	127,199	9,187
Total.....	33,394,884	7,227,380	40,622,264	717,794	4.35	30,460,641	1,350,028	37,389

¹ Weighted average rate.

Bureau of Public Roads, U.S. Dept. of Commerce.

TABLE 702.—Farm consumption of liquid petroleum fuels and motor oil, by kind of use and by States, 1947

State and group	Liquid petroleum fuels consumed—					Motor oil consumed—			
	By all tractors	By farm automobiles	By farm motor trucks	By stationary and mounted internal combustion motors	For household and miscellaneous farm uses	By all tractors	By farm automobiles	By farm motor trucks	By stationary and mounted internal combustion motors
	Million gallons	Million gallons	Million gallons	Million gallons	Million gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
New England	31.5	53.7	30.8	4.5	59.1	813.1	1,617.0	880.0	120.2
New York	73.4	59.1	28.4	6.0	51.9	1,907.1	1,782.0	790.0	149.5
New Jersey	17.0	14.4	10.1	1.2	12.2	477.4	432.0	264.0	31.5
Pennsylvania	86.2	70.2	25.8	4.3	24.0	2,246.9	2,106.0	737.0	103.1
Delaware	4.3	3.7	1.6	.2	1.9	111.7	112.2	47.5	5.6
Maryland	19.1	16.3	7.4	.8	10.8	449.1	489.6	220.0	20.6
Northeast.....	231.5	217.4	104.1	17.0	159.9	6,005.3	6,538.8	2,938.5	430.5
Ohio	112.2	95.0	26.0	4.4	34.9	2,693.2	2,850.0	737.5	110.3
Indiana	107.5	78.0	19.5	4.4	33.8	2,487.0	2,340.0	550.0	105.6
Illinois	233.0	92.0	31.1	10.2	73.5	5,840.1	2,760.0	932.4	265.5
Iowa	232.8	110.0	21.8	5.6	68.9	5,331.4	3,275.0	624.0	146.3
Missouri.....	90.3	65.3	25.1	3.6	43.7	2,056.8	1,950.0	718.2	97.2
Corn Belt.....	775.8	440.3	123.5	28.2	254.8	18,408.5	13,175.0	3,562.1	724.9
Michigan	100.7	76.0	16.6	3.9	29.4	2,526.9	2,281.5	499.2	105.2
Wisconsin	110.7	77.9	23.8	4.6	36.1	2,762.2	2,337.0	717.6	124.4
Minnesota	193.3	84.0	21.0	9.4	52.0	4,426.7	2,520.0	616.0	245.6
Lake States.....	404.7	237.9	61.4	17.9	117.5	9,715.8	7,138.5	1,832.8	475.2
North Dakota.....	129.1	30.4	14.4	12.5	16.3	3,115.7	912.0	432.0	319.8
South Dakota.....	98.9	34.0	11.1	6.2	22.7	2,339.6	1,019.1	330.0	158.0
Nebraska.....	132.9	53.5	14.3	7.8	34.6	3,427.5	1,610.4	420.0	201.2
Kansas.....	200.3	69.0	36.7	14.8	44.5	4,897.4	2,070.0	936.0	381.2
Great Plains.....	561.2	186.9	76.5	41.3	118.1	13,780.2	5,611.5	2,118.0	1,060.2
West Virginia.....	4.4	17.8	10.8	.8	3.6	108.4	525.0	299.0	19.5
Kentucky.....	24.5	40.9	24.8	3.1	28.1	590.6	1,232.8	720.0	71.6
Tennessee.....	24.3	38.8	19.0	3.0	16.6	588.0	1,162.5	570.0	70.3
Virginia.....	23.5	55.2	17.5	2.6	22.7	601.5	1,632.0	524.4	69.2
North Carolina.....	32.7	71.2	25.0	5.2	132.2	800.8	2,145.0	728.0	143.7
Appalachian.....	109.4	223.9	97.1	14.7	203.2	2,689.3	6,697.3	2,841.4	343.3
South Carolina.....	15.8	36.2	11.2	2.1	39.6	392.6	1,092.0	337.5	59.1
Georgia.....	31.4	35.6	23.4	2.9	23.0	787.2	1,069.5	702.0	67.8
Florida.....	12.6	19.4	10.2	2.1	12.2	320.6	537.5	307.5	55.0
Alabama.....	22.9	24.8	23.1	1.8	15.0	568.4	744.0	693.0	44.7
Southeast.....	82.7	116.0	67.9	8.9	89.8	2,068.8	3,443.0	2,040.0	226.6
Mississippi.....	26.8	28.1	25.8	2.1	25.3	629.4	840.0	739.6	52.7
Louisiana.....	31.8	22.0	13.5	5.2	38.8	766.2	655.0	386.1	129.3
Arkansas.....	34.6	25.9	26.9	13.9	41.5	838.9	770.0	734.4	357.8
Delta.....	93.2	76.0	66.2	21.2	105.6	2,234.5	2,265.0	1,860.1	539.8
Oklahoma.....	110.6	59.4	27.5	7.4	57.7	2,742.2	1,775.0	825.0	181.3
Texas.....	257.2	152.8	73.0	50.0	144.4	6,318.2	4,536.0	2,112.0	1,270.4
Oklahoma-Texas.....	367.8	212.2	100.5	57.4	202.1	9,060.4	6,311.0	2,937.0	1,451.7
Montana.....	53.8	15.4	13.0	5.3	10.6	1,287.2	456.0	388.8	135.9
Idaho.....	23.4	18.3	9.1	2.9	6.0	582.1	550.4	273.6	74.7
Wyoming.....	11.2	7.3	7.0	.5	2.4	287.2	210.0	168.0	13.1
Colorado.....	50.2	23.4	14.4	4.8	15.0	1,086.8	676.0	414.4	123.8
New Mexico.....	15.5	11.6	7.2	3.9	12.0	352.8	336.0	210.0	98.0
Arizona.....	12.5	6.6	5.6	3.6	2.4	277.7	197.4	153.0	92.0
Utah.....	8.8	11.4	6.6	1.3	2.0	241.2	325.0	188.5	34.2
Nevada.....	2.2	1.9	1.7	.4	1.0	50.4	66.0	51.0	9.3
Mountain.....	177.6	95.9	64.6	22.7	51.4	4,165.4	2,806.8	1,847.3	581.0
Washington.....	34.1	41.8	27.2	8.0	23.2	872.8	1,230.0	700.0	207.7
Oregon.....	31.7	32.6	15.7	7.6	19.9	797.6	918.0	473.6	195.7
California.....	110.6	97.5	48.4	32.6	113.9	2,863.5	2,847.0	1,452.3	833.5
Pacific.....	176.4	171.9	91.3	48.2	157.0	4,523.9	4,995.0	2,625.9	1,236.9
United States.....	2,980.3	1,978.4	853.1	277.5	1,459.4	72,652.1	58,981.9	24,603.1	7,101.1

TABLE 703.—Tractors on farms, Jan. 1, 1948, and consumption of liquid petroleum fuels and motor oil by farm tractors, by States, 1947

State	Tractors on farms, Jan. 1, 1948 ¹	Average use in 1947	Quantity consumed per tractor in 1947						
			Liquid petroleum fuels						Motor oil
			Gasoline	Diesel fuel	Distillate	Kerosene	All others	Total fuels	
Number	Hours	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	
New England.....	72,125	355	398	7	4	26	2	437	11
New York.....	119,100	447	594	3	.....	17	2	616	16
New Jersey.....	26,600	499	617	.....	2	21	.....	640	18
Pennsylvania.....	127,450	498	593	8	13	51	11	676	18
Delaware.....	5,575	552	765	.....	.....	2	.....	767	20
Maryland.....	24,600	547	763	.....	5	9	.....	777	18
Ohio.....	177,600	446	584	14	18	13	3	632	15
Indiana.....	132,500	542	719	8	34	6	44	811	19
Illinois.....	208,950	656	993	15	47	15	45	1,115	28
Iowa.....	226,250	638	895	11	65	5	53	1,029	24
Missouri.....	98,200	626	774	15	46	13	72	920	21
Michigan.....	151,600	485	569	21	29	4	41	664	17
Wisconsin.....	154,200	481	645	9	32	6	26	718	18
Minnesota.....	185,500	657	842	20	76	6	98	1,042	24
North Dakota.....	92,100	753	1,133	32	117	6	114	1,402	34
South Dakota.....	78,500	782	1,047	37	52	20	104	1,260	30
Nebraska.....	123,900	651	416	26	91	13	527	1,073	28
Kansas.....	138,200	686	1,222	41	59	15	112	1,449	35
West Virginia.....	10,650	351	384	15	1	4	6	410	10
Kentucky.....	33,725	508	483	10	56	146	31	726	17
Tennessee.....	32,525	523	297	19	204	166	61	747	18
Virginia.....	34,700	482	607	14	24	29	4	678	17
North Carolina.....	43,200	526	609	14	11	112	11	757	19
South Carolina.....	19,325	536	537	17	131	35	97	817	20
Georgia.....	38,900	575	584	25	161	3	35	808	20
Florida.....	20,550	497	358	82	129	30	15	614	16
Alabama.....	27,175	614	409	28	273	14	117	841	21
Mississippi.....	31,450	528	481	45	168	50	108	852	20
Louisiana.....	27,125	659	253	48	533	59	278	1,171	28
Arkansas.....	39,375	579	196	31	550	22	81	880	21
Oklahoma.....	87,800	677	1,077	24	11	139	9	1,260	31
Texas.....	205,300	783	1,116	38	10	82	7	1,253	31
Montana.....	40,700	656	924	111	242	2	43	1,322	32
Idaho.....	29,100	489	588	173	28	2	12	803	20
Wyoming.....	13,075	563	361	73	231	29	161	855	26
Colorado.....	41,200	711	956	68	118	24	52	1,218	26
New Mexico.....	14,775	647	935	41	7	63	1	1,047	24
Arizona.....	9,550	812	868	232	49	13	145	1,307	29
Utah.....	11,200	521	494	113	153	10	14	784	22
Nevada.....	2,350	594	771	151	1	.....	3	926	21
Washington.....	44,600	496	415	317	5	1	27	765	20
Oregon.....	40,700	485	509	197	24	1	49	780	20
California.....	108,000	596	688	301	10	8	17	1,024	26
United States.....	3,150,000	592	753	41	61	26	65	946	23.1

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 704.—*Wheel tractors on farms, Jan. 1, 1948, and consumption of liquid petroleum fuels and motor oil by these tractors, by States, 1947*¹

State	Wheel tractors on farms, Jan. 1 1948 ²	Average use in 1947	Quantity consumed per wheel tractor in 1947							Motor oil	
			Liquid petroleum fuels						Total fuels		Motor oil
			Gasoline	Diesel fuel	Distillate	Kerosene	All others	Total fuels			
Number	Hours	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons		
New England.....	41,700	480	585	4	7	45	3	644	16		
New York.....	93,000	520	710	4	—	22	2	738	17		
New Jersey.....	18,000	640	825	—	3	30	—	858	24		
Pennsylvania.....	100,000	585	710	10	16	64	13	813	21		
Delaware.....	5,000	600	843	—	—	2	—	845	22		
Maryland.....	21,300	600	850	—	—	10	—	860	20		
Ohio.....	150,000	500	669	12	21	15	3	720	17		
Indiana.....	122,000	575	771	7	37	7	48	870	20		
Illinois.....	198,000	680	1,035	12	50	16	47	1,160	29		
Iowa.....	220,000	650	914	10	67	5	54	1,050	24		
Missouri.....	91,000	660	820	13	50	14	78	975	22		
Michigan.....	123,000	550	667	12	36	5	50	770	19		
Wisconsin.....	140,000	510	695	5	35	7	28	770	19		
Minnesota.....	172,000	690	895	11	82	6	106	1,100	25		
North Dakota.....	90,000	760	1,147	21	119	6	—	1,410	34		
South Dakota.....	77,000	790	1,062	29	53	20	106	1,270	30		
Nebraska.....	121,000	660	422	21	93	13	536	1,085	28		
Kansas.....	132,000	700	1,264	17	61	16	117	1,475	36		
West Virginia.....	7,000	450	531	—	—	6	8	545	13		
Kentucky.....	30,000	550	529	4	63	164	35	795	19		
Tennessee.....	30,000	550	310	13	221	180	66	790	19		
Virginia.....	27,000	575	754	4	30	37	5	830	21		
North Carolina.....	38,000	570	670	4	12	127	12	825	20		
South Carolina.....	17,000	580	588	4	148	40	110	890	22		
Georgia.....	34,500	625	642	17	181	3	39	882	22		
Florida.....	12,500	625	470	18	212	50	24	774	19		
Alabama.....	24,500	650	434	8	303	15	130	890	22		
Mississippi.....	28,000	559	517	20	189	56	121	903	21		
Louisiana.....	24,500	700	260	27	590	65	308	1,250	30		
Arkansas.....	37,000	600	198	20	585	23	86	912	22		
Oklahoma.....	84,000	695	1,111	16	11	145	9	1,292	32		
Texas.....	196,000	800	1,160	14	10	86	7	1,267	31		
Montana.....	37,000	660	976	24	261	2	47	1,310	31		
Idaho.....	22,000	475	650	13	31	2	14	710	17		
Wyoming.....	12,000	575	370	38	248	32	171	859	22		
Colorado.....	36,000	745	1,016	37	135	28	60	1,276	27		
New Mexico.....	14,000	660	966	20	7	66	1	1,060	24		
Arizona.....	8,000	810	923	57	31	16	173	1,200	25		
Utah.....	9,000	550	538	6	190	12	18	764	21		
Nevada.....	2,000	590	788	40	—	—	—	828	18		
Washington.....	21,500	500	592	19	10	1	54	676	16		
Oregon.....	25,500	525	659	21	21	1	76	778	19		
California.....	58,000	585	769	18	15	15	20	837	21		
United States.....	2,750,000	634	827	13	69	30	74	1,013	24.5		

¹ Excludes garden and homemade tractors.² Preliminary.

Bureau of Agricultural Economics.

TABLE 705.—*Crawler, homemade, and garden tractors on farms, Jan. 1, 1948, and consumption of liquid petroleum fuels and motor oil, by State groups, 1947*

CRAWLER TRACTORS

State group	Specified tractors on farms Jan. 1, 1948 ¹	Average use in 1947	Quantity consumed per tractor of specified type in 1947						
			Liquid petroleum fuels						Motor oil
			Gasoline	Diesel fuel	Distillate	Kerosene	All others	Total fuels	
Mountain States.....	Number 15,000	Hours 724	Gallons 605	Gallons 927	Gallons 39	Gallons -----	Gallons 6	Gallons 1,577	Gallons 41
Pacific States.....	52,500	794	699	1,004	12	1	15	1,731	46
All other States.....	56,500	525	616	435	7	5	8	1,071	29
United States.....	124,000	664	650	735	13	3	11	1,412	37.6

HOMEMADE TRACTORS

United States.....	76,000	190	186	-----	-----	-----	4	190	7.2
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GARDEN TRACTORS

United States.....	200,600	120	24	-----	-----	-----	1	25	1.0
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¹ Preliminary.

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TABLE 706.—Automobiles and motor trucks on farms, Jan. 1, 1948; annual use, and consumption of motor fuels and motor oil per vehicle, by States, 1947

State	Auto- mobiles on farms Jan. 1 1948 ¹	Average per automobile in 1947			Motor trucks on farms Jan. 1, 1948 ¹	Average per motor truck in 1947		
		Miles used	Motor fuel used	Motor oil used		Miles used	Motor fuel used	Motor oil used
	Thou- sands	Miles	Gallons	Gallons	Thou- sands	Miles	Gallons	Gallons
New England.....	147	6,150	365	11.0	88	4,200	350	10.0
New York.....	162	6,000	365	11.0	79	4,250	360	10.0
New Jersey.....	32	7,400	450	13.5	24	4,400	420	11.0
Pennsylvania.....	165	5,750	360	10.8	67	4,400	385	11.0
Delaware.....	11	5,500	340	10.2	5	3,800	330	9.5
Maryland.....	48	5,500	340	10.2	22	3,800	335	10.0
Ohio.....	250	5,900	380	11.4	59	5,200	440	12.5
Indiana.....	200	6,300	390	11.7	50	4,800	390	11.0
Illinois.....	230	6,500	400	12.0	74	5,200	420	12.6
Iowa.....	250	7,000	440	13.1	52	5,000	420	12.0
Missouri.....	195	5,400	335	10.0	57	5,500	440	12.8
Michigan.....	195	6,250	390	11.7	48	4,000	345	10.4
Wisconsin.....	205	6,100	380	11.4	69	4,100	345	10.4
Minnesota.....	210	6,100	400	12.0	56	4,500	375	11.0
North Dakota.....	80	6,200	380	11.4	45	3,800	320	9.6
South Dakota.....	79	6,900	430	12.9	30	4,400	370	11.0
Nebraska.....	132	6,500	405	12.2	42	4,100	340	10.0
Kansas.....	150	7,500	460	13.8	72	6,100	510	13.0
West Virginia.....	50	5,600	355	10.5	23	5,800	470	13.0
Kentucky.....	134	5,000	305	9.2	45	6,100	550	18.0
Tennessee.....	125	5,000	310	9.3	38	6,100	500	15.0
Virginia.....	120	7,000	460	13.6	46	4,500	380	11.4
North Carolina.....	195	5,900	365	11.0	52	5,800	480	14.0
South Carolina.....	105	5,500	345	10.4	25	5,300	450	13.5
Georgia.....	115	4,900	310	9.3	45	6,500	520	15.6
Florida.....	43	7,000	450	12.5	25	5,000	410	12.3
Alabama.....	80	4,900	310	9.3	42	6,800	550	16.5
Mississippi.....	75	6,000	375	11.2	43	7,000	600	17.2
Louisiana.....	50	7,000	440	13.1	27	6,000	500	14.3
Arkansas.....	70	5,700	370	11.0	48	6,700	560	15.3
Oklahoma.....	125	7,400	475	14.2	55	5,900	500	15.0
Texas.....	315	7,400	485	14.4	128	6,800	570	16.5
Montana.....	38	6,500	405	12.0	36	4,300	360	10.8
Idaho.....	43	7,000	425	12.8	24	4,500	380	11.4
Wyoming.....	14	8,400	520	15.0	12	5,800	580	14.0
Colorado.....	52	7,400	450	13.0	37	4,600	390	11.2
New Mexico.....	21	9,000	550	16.0	15	5,700	480	14.0
Arizona.....	14	7,800	470	14.1	9	6,900	620	17.0
Utah.....	26	7,200	440	12.5	13	6,000	510	14.5
Nevada.....	4	7,600	465	14.0	3	6,700	580	17.0
Washington.....	82	8,500	510	15.0	50	5,700	545	14.0
Oregon.....	68	7,500	480	13.5	37	4,500	425	12.8
California.....	195	8,000	500	14.6	103	4,800	470	14.1
United States.....	4,930	6,400	401	12.0	1,920	5,215	444	12.8

¹ Preliminary.

Bureau of Agricultural Economics.

TABLE 707.—Consumption of motor fuel and motor oil on farms by stationary and mounted internal combustion motors, and consumption of liquid petroleum fuels in farm households and for miscellaneous farm uses, by States, 1947

State	Average consumption per farm in 1947 of stationary and mounted internal combustion motors		Average consumption per farm in 1947 in farm households and for miscellaneous uses			
	Motor fuel	Motor oil	Gasoline	Fuel oil	Kerosene	Liquid petroleum gas and all other liquid petroleum fuels ¹
	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons
New England.....	30	0.8	7	175	190	21
New York.....	40	1.0	6	140	185	16
New Jersey.....	45	1.2	4	200	200	60
Pennsylvania.....	25	.6	3	55	65	17
Delaware.....	25	.6	2	60	80	60
Maryland.....	20	.5	2	175	60	25
Ohio.....	20	.5	3	65	65	25
Indiana.....	25	.6	4	90	70	28
Illinois.....	50	1.3	10	250	50	50
Iowa.....	27	.7	10	200	70	50
Missouri.....	15	.4	7	43	80	50
Michigan.....	22	.6	3	100	35	30
Wisconsin.....	26	.7	3	125	45	30
Minnesota.....	50	1.3	16	180	50	30
North Dakota.....	180	4.6	20	95	60	60
South Dakota.....	90	2.3	15	160	85	70
Nebraska.....	70	1.8	10	160	80	60
Kansas.....	105	2.7	15	90	100	110
West Virginia.....	8	.2	2	5	25	5
Kentucky.....	13	.3	2	18	80	18
Tennessee.....	13	.3	2	4	55	10
Virginia.....	15	.4	2	25	90	14
North Carolina.....	18	.6	10	110	320	20
South Carolina.....	14	.4	5	65	180	18
Georgia.....	13	.3	2	15	65	20
Florida.....	35	.9	5	70	100	25
Alabama.....	8	.2	2	5	40	20
Mississippi.....	8	.2	3	8	35	50
Louisiana.....	40	1.0	5	10	130	155
Arkansas.....	70	1.8	2	7	75	125
Oklahoma.....	45	1.1	15	10	150	175
Texas.....	130	3.3	15	10	125	225
Montana.....	140	3.6	10	180	17	75
Idaho.....	70	1.8	10	95	10	30
Wyoming.....	40	1.0	10	110	20	40
Colorado.....	100	2.6	15	160	40	100
New Mexico.....	130	3.3	10	80	145	170
Arizona.....	275	7.0	15	70	15	80
Utah.....	50	1.3	5	50	10	12
Nevada.....	105	2.7	10	150	45	100
Washington.....	100	2.6	10	240	15	25
Oregon.....	120	3.1	15	250	15	35
California.....	235	6.0	10	450	10	350
United States.....	47	1.2	7	89	90	63

¹ In most States, the bulk of this item is liquefied petroleum gas.

Bureau of Agricultural Economics.

TABLE 708.—Interest rates on outstanding farm-mortgage debt, by geographic divisions, Jan. 1, 1929-49¹

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929.....	5.8	5.8	5.8	5.7	6.4	6.1	6.6	6.7	6.5	6.0
1930.....	5.8	5.8	5.8	5.6	6.3	6.1	6.6	6.7	6.5	6.0
1931.....	5.8	5.9	5.8	5.6	6.3	6.1	6.6	6.7	6.5	6.0
1932.....	5.8	5.9	5.8	5.6	6.3	6.1	6.5	6.7	6.5	6.0
1933.....	5.8	5.9	5.8	5.7	6.3	6.1	6.5	6.7	6.5	6.0
1934.....	5.7	5.7	5.6	5.5	5.9	5.7	6.2	6.3	6.2	5.8
1935.....	5.5	5.5	5.3	5.3	5.5	5.4	5.8	5.9	5.8	5.5
1936.....	5.3	5.3	4.9	4.9	5.1	5.0	5.2	5.4	5.4	5.1
1937.....	5.2	5.2	4.8	4.7	5.1	5.0	5.0	5.3	5.3	4.9
1938.....	5.0	5.1	4.6	4.5	4.9	4.9	4.8	5.0	5.1	4.7
1939.....	4.9	5.1	4.5	4.4	4.9	4.8	4.7	4.9	5.0	4.6
1940.....	4.9	4.9	4.5	4.3	4.9	4.8	4.5	4.8	4.9	4.6
1941.....	4.8	4.8	4.4	4.2	4.7	4.7	4.4	4.7	4.8	4.5
1942.....	4.8	4.8	4.3	4.2	4.7	4.7	4.4	4.6	4.8	4.4
1943.....	4.7	4.7	4.3	4.2	4.6	4.7	4.4	4.6	4.7	4.4
1944.....	4.7	4.7	4.3	4.1	4.6	4.6	4.3	4.5	4.7	4.4
1945.....	4.8	4.7	4.4	4.3	4.7	4.8	4.5	4.7	4.8	4.5
1946.....	4.9	4.8	4.4	4.3	5.0	5.0	4.6	4.9	4.9	4.6
1947.....	4.9	4.7	4.4	4.3	5.0	5.0	4.6	4.8	4.8	4.6
1948.....	4.9	4.7	4.4	4.3	5.1	5.0	4.6	4.8	4.7	4.6
1949.....	4.9	4.6	4.3	4.3	5.1	5.0	4.7	4.7	4.7	4.6

¹ Contract rates, except for temporarily reduced rates on Federal land bank loans, 1934-44, and on Federal Farm Mortgage Corporation loans, 1938-45.

Bureau of Agricultural Economics.

TABLE 709.—Interest charges payable on outstanding farm-mortgage debt, by geographic divisions, 1929-48¹

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	9,711	27,077	110,152	207,122	33,853	26,454	72,904	37,790	56,936	581,999
1930.....	10,086	26,866	107,039	198,084	31,974	25,961	72,072	38,691	58,983	569,756
1931.....	10,459	27,331	103,250	190,660	30,090	25,330	69,712	38,235	57,941	553,008
1932.....	10,765	27,201	98,282	180,603	27,611	23,955	65,986	36,056	55,301	525,760
1933.....	10,390	25,458	89,590	161,555	24,331	21,321	58,556	31,467	49,615	472,283
1934.....	9,889	23,553	83,498	146,291	23,299	20,270	52,933	27,309	43,378	430,420
1935.....	9,338	22,269	78,630	134,923	21,894	18,758	47,081	25,014	38,185	396,092
1936.....	8,765	21,113	73,470	121,544	20,912	18,391	42,162	22,677	35,440	364,474
1937.....	8,332	20,289	69,501	110,886	20,169	18,022	38,793	20,854	33,884	340,730
1938.....	7,890	19,485	66,050	102,235	19,733	18,100	35,627	19,020	31,954	320,094
1939.....	7,503	18,771	64,225	95,869	19,606	18,207	33,270	17,575	30,423	305,449
1940.....	7,181	17,909	62,260	90,648	19,199	18,236	31,754	16,769	29,135	293,091
1941.....	6,819	17,228	60,226	87,726	19,048	18,096	31,314	16,116	27,721	284,294
1942.....	6,425	16,543	57,139	84,369	18,471	17,396	30,308	15,038	26,158	271,847
1943.....	5,939	15,340	50,832	76,740	17,085	15,640	27,188	13,311	23,742	245,817
1944.....	5,650	14,359	46,845	71,152	16,359	14,728	25,659	12,644	22,769	230,165
1945.....	5,473	13,783	44,224	65,797	16,613	14,657	24,463	12,551	22,552	220,113
1946.....	5,379	14,023	42,419	60,044	18,424	15,525	24,466	12,972	23,085	216,337
1947.....	5,484	14,814	42,376	56,113	20,876	16,737	26,285	14,414	24,443	221,542
1948.....	5,671	15,452	43,260	53,674	22,986	17,897	28,008	16,232	26,104	229,284

¹ Interest charges payable during calendar year. Excludes amounts paid by Secretary of the Treasury to Federal land banks, 1933-44, and Federal Farm Mortgage Corporation, 1937-45, as reimbursement for interest reductions granted borrowers.

Bureau of Agricultural Economics.

TABLE 710.—*Loan and bond rates and bond yields, selected series, United States, 1929-48*

Year	Federal land banks ¹			Federal Farm Mortgage Corporation ¹			Federal intermediate credit banks ¹		Prime commercial paper (4-6 months) ¹⁰	Federal Reserve bank discount rates, New York ¹¹
	Loan rates ^{2,3}	Bond rates ⁴	Bond yields ⁵	Loan rates ⁶	Bond rates ⁴	Bond yields ⁷	Discount rates ²	De-benture rates ⁸		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1929	5.32	4.53	4.62	-----	-----	-----	5.61	4.92	5.85	4½-6
1930	5.63	4.53	4.58	-----	-----	-----	4.54	3.39	3.59	2-4½
1931	5.63	4.52	5.13	-----	-----	-----	4.08	3.21	2.63	1½-3½
1932	5.61	4.53	5.32	-----	-----	-----	4.23	3.33	2.73	2½-3½
1933	5.30	4.45	5.18	-----	-----	-----	3.10	2.55	1.72	2-3½
1934	4.24	4.24	4.17	5.00	2.99	3.11	2.29	1.83	1.02	1½-2
1935	4.32	3.86	3.13	5.00	2.87	2.77	2.00	1.50	.76	1½
1936	4.00	3.60	2.81	5.00	2.87	2.42	2.00	1.50	.75	1½
1937	4.00	3.54	2.75	5.00	2.87	2.42	2.00	1.50	.95	1-1½
1938	4.00	3.53	2.37	5.00	2.88	1.75	2.00	1.24	.81	1
1939	4.00	3.53	1.90	5.00	2.98	1.07	1.58	.88	.59	1
1940	4.00	3.53	1.70	5.00	3.00	.59	1.50	.75	.56	1
1941	4.00	3.53	(12)	5.00	3.00	¹³ .70	1.50	.70	.54	1
1942	4.00	3.48	(12)	5.00	2.93	¹³ .90	1.50	.77	.66	1 1
1943	4.00	3.42	(12)	5.00	3.03	¹³ .64	1.50	.81	.69	1 1
1944	4.00	3.06	(12)	5.00	¹⁶ 1.00	(17)	1.50	.87	.73	1 1
1945	4.00	2.45	(12)	5.00	¹⁶ 1.00	(17)	1.50	.88	.75	1 1
1946	4.00	1.55	1.36	5.00	-----	-----	1.50	.93	.81	1 1
1947	4.00	1.55	1.46	5.00	-----	-----	1.53	1.11	1.03	1
1948	4.02	1.55	1.87	5.00	-----	-----	1.87	1.55	1.44	1-1½

¹ Farm Credit Administration.

² In computing rates, each Farm Credit district is given equal weight, but within each district rates are weighted by number of days in force.

³ Contract rates on loans through national farm loan associations. Temporarily reduced rate in effect between July 11, 1933, and June 30, 1935, was 4.5 percent, and between July 1, 1935, and June 30, 1944, 3.5 percent.

⁴ Based on bonds outstanding on Dec. 31, each year, excluding bonds owned by the issuing agency.

⁵ Average of daily yields on asked prices of all long-term issues, except those callable in 5 years or less. Beginning 1946, based on yields on bonds issued after Jan. 31, 1945, and due or callable between 1948 and 1955; these yields are to call date where price was above par, but to maturity where price was at or below par.

⁶ Contract rate. Temporarily reduced rate in effect between July 22, 1937, and June 30, 1940, was 4.0 percent; between July 1, 1940, and June 30, 1944, was 3.5 percent; and between July 1, 1944, and June 30, 1945, was 4.0 percent. Authority to make new loans expired July 1, 1947.

⁷ Average of daily yields on all outstanding issues with a minimum original term of 7 years or more.

⁸ Based on debentures issued during the year.

⁹ Board of Governors of Federal Reserve System.

¹⁰ Prevailing open-market rates in New York City.

¹¹ Discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of advances secured by eligible paper.

¹² All outstanding bonds from May 1, 1941, to Feb. 1, 1945, were callable in 5 years or less. Yield for 1945 not shown because of refinancing activities.

¹³ Excludes two issues quoted on a negative yield basis.

¹⁴ A rate of one-half of 1 percent was effective from Oct. 30, 1942, to Apr. 23, 1946, on advances secured by Government obligations maturing or callable in 1 year or less.

¹⁵ Both of the bond issues included were callable in 1944.

¹⁶ Represents only one issue of bonds.

¹⁷ After May 15, 1944, all outstanding bonds were held by United States Treasury.

Bureau of Agricultural Economics.

TABLE 711.—Farm fire losses, United States, 1937-48¹

Year	Amount	Year	Amount	Year	Amount
	Million dollars		Million dollars		Million dollars
1937.....	66	1941.....	68	1945.....	80
1938.....	73	1942.....	64	1946.....	2 91
1939.....	76	1943.....	75	1947.....	3 99
1940.....	71	1944.....	77	1948.....	3 99

¹ Covers fire and lightning losses on buildings, implements and machinery, livestock, crops and household goods.

² Revised.

³ Preliminary.

Bureau of Agricultural Economics.

TABLE 712.—Farmers' mutual fire insurance, United States, 1929-46¹

Year	Companies ²	Insurance in force at end of year	Cost per \$100 of insurance			Surplus and reserves at end of year ³
			Losses	Expenses	Total	
	Number	1,000 dollars	Cents	Cents	Cents	1,000 dollars
1929.....	1,876	11,118,510	21.8	6.6	28.4	-----
1930.....	1,886	11,382,104	24.8	6.8	31.6	-----
1931.....	1,863	11,292,339	24.1	6.9	31.0	-----
1932.....	1,847	10,974,082	24.9	7.1	32.0	-----
1933.....	1,826	10,466,384	21.2	7.3	28.5	-----
1934.....	1,852	10,571,508	19.7	7.2	26.9	-----
1935.....	1,941	11,083,300	15.7	7.5	23.2	33,656
1936.....	1,936	11,339,510	20.7	7.4	28.0	35,083
1937.....	1,924	11,569,476	16.5	7.6	24.1	37,479
1938.....	1,914	11,868,569	18.0	8.0	26.0	40,105
1939.....	1,904	12,143,881	18.4	8.2	26.6	41,819
1940.....	1,898	12,294,287	17.1	8.1	25.2	45,474
1941.....	1,885	12,518,913	16.2	8.4	24.6	50,119
1942.....	1,877	12,982,390	14.6	8.1	22.7	55,797
1943.....	1,878	13,777,555	16.2	7.7	23.9	61,413
1944.....	1,847	14,221,012	15.9	7.8	23.7	63,490
1945 ⁴	1,841	15,170,456	15.6	8.0	23.6	70,644
1946 ⁵	1,843	16,671,245	15.8	8.5	24.3	77,145

¹ For 1929-33, data are for companies with more than 65 percent of their insurance on farm property, and thereafter for companies with more than 50 percent.

² Number of companies for which data could be obtained. Variations from year to year may not represent real variation in number of companies operating.

³ Excess of assets over liabilities. Most farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves. Data not compiled prior to 1935.

⁴ Revised.

⁵ Preliminary.

Bureau of Agricultural Economics. Data for 1934-41 from Farm Credit Administration. All data compiled from published State reports, supplemented by information from State insurance officials, officers of farmers' mutuals, and others.

TABLE 713.—Farmers' mutual fire insurance, by States, 1946¹

State and division	Companies ²	Insurance in force at end of year	Cost per \$100 of insurance			Surplus and reserves at end of year ³
			Losses	Expenses	Total	
	Number	1,000 dollars	Cents	Cents	Cents	1,000 dollars
Maine.....	37	106,312	33.5	23.0	56.5	345
New Hampshire.....	14	42,506	27.3	27.0	54.3	344
Vermont.....	4	104,783	31.9	9.7	41.6	383
Massachusetts ⁴	0	0	0	0	0	0
Rhode Island.....	2	5,600	6.1	19.7	25.8	173
Connecticut.....	3	26,124	15.0	16.4	31.4	463
New England.....	60	285,325	29.7	18.0	47.7	1,708
New York.....	127	775,654	23.6	10.2	33.8	3,802
New Jersey.....	10	210,286	15.8	17.6	33.4	2,063
Pennsylvania.....	152	1,347,333	13.9	8.4	22.3	7,290
Middle Atlantic.....	289	2,333,273	17.3	9.8	27.1	13,155
Ohio.....	95	1,278,176	18.1	4.5	22.6	2,870
Indiana.....	72	760,586	17.2	5.4	22.6	3,563
Illinois.....	204	1,022,603	12.5	5.7	18.2	3,123
Michigan.....	60	1,026,867	26.4	12.4	38.8	3,348
Wisconsin.....	194	1,702,868	14.0	5.2	19.2	4,349
East North Central.....	625	5,791,100	17.3	6.4	23.7	17,253
Minnesota.....	156	1,350,532	11.1	4.3	15.4	3,973
Iowa.....	150	1,910,483	12.5	5.5	18.0	6,661
Missouri.....	130	470,462	17.7	7.4	25.1	1,594
North Dakota.....	34	179,035	13.5	7.1	20.6	803
South Dakota.....	42	462,234	12.3	3.9	16.2	1,538
Nebraska.....	43	654,538	8.5	8.0	16.5	2,704
Kansas.....	15	922,283	13.5	15.2	28.7	3,434
West North Central.....	570	5,949,567	12.3	7.0	19.3	20,707
Delaware.....	3	6,248	15.0	15.8	30.8	150
Maryland.....	14	645,854	16.7	14.7	31.4	5,578
Virginia.....	38	209,758	16.1	14.5	30.6	2,571
West Virginia.....	14	98,914	10.1	14.5	24.6	1,122
North Carolina.....	28	82,031	15.7	12.6	28.3	1,118
South Carolina.....	9	13,702	31.6	22.7	54.3	388
Georgia.....	19	33,547	22.4	15.6	38.0	594
Florida ⁴	0	0	0	0	0	0
South Atlantic.....	125	1,090,054	16.2	14.6	30.8	11,521
Kentucky.....	17	98,283	26.8	18.8	45.6	1,820
Tennessee.....	31	66,681	21.6	12.9	34.5	417
Alabama.....	3	8,025	14.1	34.4	48.5	62
Mississippi ⁴	0	0	0	0	0	0
East South Central.....	51	172,989	24.3	17.1	41.4	2,299
Arkansas.....	16	54,190	26.6	20.0	46.6	569
Louisiana ⁴	0	0	0	0	0	0
Oklahoma.....	6	66,993	21.9	14.2	36.1	880
Texas.....	41	167,683	18.8	12.8	31.6	1,307
West South Central.....	63	288,866	21.0	14.5	35.5	2,756
Montana.....	12	33,252	12.7	8.5	21.2	256
Idaho.....	9	101,690	10.9	9.8	20.7	456
Wyoming.....	3	5,213	18.5	19.0	37.5	45
Colorado.....	5	82,899	13.7	14.1	27.8	523
New Mexico ⁴	0	0	0	0	0	0
Arizona ⁴	0	0	0	0	0	0
Utah.....	1	21,210	19.1	19.6	38.7	304
Nevada ⁴	0	0	0	0	0	0
Mountain.....	30	244,264	13.0	12.2	25.2	1,584
Washington.....	5	104,599	29.4	14.7	44.1	1,722
Oregon.....	5	51,078	18.8	14.3	33.1	613
California.....	20	360,130	15.6	19.4	35.0	3,827
Pacific.....	30	515,807	18.8	17.9	36.7	6,162
United States.....	1,843	16,671,245	15.8	8.5	24.3	77,145

See footnotes on page 662.

TABLE 714.—Crop insurance, United States, 1939-47¹

Commodity and year	Coverage			Amount of premiums ⁴	Indemnities		
	Insurance units ²	Acreage insured ³	Maximum insured production		Number	Acreage indemnified ³	Amount ⁴
Wheat:	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>		<i>1,000 acres</i>	<i>1,000 bushels</i>
1939	176,755	7,010	60,926	6,670	55,932	2,589	10,164
1940	360,596	12,755	108,285	13,797	112,762	5,017	22,898
1941	371,390	11,734	104,306	12,643	130,774	3,389	18,857
1942	400,043	9,630	88,063	8,768	108,368	2,023	10,575
1943	357,733	[§] 8,149	[§] 75,264	8,024	133,076	[§] 2,448	13,268
1945 ¹	19,494	1,106	7,594	1,084	2,209		472
1946	292,252	9,224	84,160	9,250	45,584	[§] 1,766	5,391
1947	326,011	[§] 11,549	[§] 99,302	10,697	37,853	[§] 1,621	6,369
Cotton: ⁶			<i>1,000 pounds</i> ⁵	<i>1,000 pounds</i>			<i>1,000 pounds</i>
1942	169,072	2,618	407,612	31,433	47,744	755	52,585
1943	164,998	[§] 2,690	[§] 386,690	30,724	40,632	[§] 816	58,274
1945 ¹	113,849	3,042	382,649	22,311	48,409	1,780	76,405
1946	132,062	[§] 4,307	[§] 527,401	43,261	74,005	[§] 2,780	151,026
1947	118,924	[§] 2,758	[§] 375,627	40,114	40,237	[§] 942	45,264
Flaxseed:			<i>1,000 bushels</i>	<i>1,000 bushels</i>			<i>1,000 bushels</i>
1945	31,786	771	3,676	487	6,929	180	289
1946	10,826	277	1,341	174	3,528	[§] 98	186
1947	35,972	[§] 1,204	[§] 4,838	713	7,079	[§] 219	418

¹ No insurance was written on the 1944 crop. Winter wheat was not insured in 1945. In the other years for the commodities as shown above insurance was offered in all producing areas of the insurable commodity. Beginning in 1948 crop insurance was reduced to an experimental basis for all commodities and offered in only a limited number of counties.

² Number of farms insured on which a premium was earned, including duplication where both landlord and tenant were insured. Insured farms on which the insured crop was not planted are not included.

³ Insured acreage for the farm, as included in the contract, although insurance for the farm may cover interest of landlord, of tenant, or both.

⁴ Premiums and indemnities are determined in bushels of wheat or flax and in pounds of cotton, although transactions may be made in the cash equivalent.

⁵ Estimated.

⁶ Maximum liability of the Corporation in the case of cotton was somewhat greater than shown, as the insured producers had the option of insuring cottonseed, and the lint indemnities for those producers exercising this option were increased by 19 percent for the 1942 crop and 20 percent for the 1943, 1945, 1946, and 1947 crops.

Federal Crop Insurance Corporation.

FOOTNOTES FOR TABLE 713:

¹ Preliminary. Data are for companies with more than half of their insurance on farm property.

² Number of companies for which data could be obtained.

³ Excess of assets over liabilities. Most farmers' mutuals are assessment companies and as such are not required to set up unearned premium reserves.

⁴ No mutual fire insurance company with more than half of its insurance on farm property.

Bureau of Agricultural Economics. Compiled from published State reports, supplemented by data from State insurance officials, officers of farmers' mutuals, and others.

TABLE 715.—*Experimental crop insurance programs, United States, crops of 1945-49*¹

Commodity and year	Coverage				Amount of premiums ⁴	Indemnities		
	Counties participating	Insured units ²	Acreage insured ³	Maximum insured production		Number	Acreage indemnified ³	Amount ⁴
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>1,000 dollars</i>
Corn:								
1945.....	15	13,582	418	7,646	398	3,420	94	657
1946.....	19	8,810	334	⁵ 5,840	375	1,461	43	310
1947.....	19	7,832	294	⁵ 7,632	420	2,059	58	929
1948.....	36	16,520	752	11,166	435	311	7	74
1949.....	43	23,687	-----	-----	588	-----	-----	-----
Tobacco:								
1945.....	13	13,823	54	14,558	677	1,833	10	532
1946.....	19	17,822	78	⁵ 17,803	800	1,477	5	330
1947.....	19	16,343	82	⁵ 16,382	702	2,561	9	701
1948.....	32	39,805	136	21,333	656	1,921	5	283
1949.....	35	-----	-----	-----	-----	-----	-----	-----
Wheat:								
1948.....	200	96,177	6,515	⁵ 84,618	8,589	10,039	104	4,986
1949.....	199	77,956	-----	-----	7,503	-----	-----	-----
Cotton:								
1948.....	53	22,047	682	22,119	1,412	2,614	72	601
1949.....	50	29,533	-----	-----	1,602	-----	-----	-----
Flaxseed:								
1948.....	48	17,251	754	13,572	1,547	1,931	68	795
1949.....	48	16,699	-----	-----	884	-----	-----	-----
Dry edible beans:								
1948.....	4	1,578	38	754	32	76	3	9
1949.....	9	3,184	-----	-----	96	-----	-----	-----
Multiple crops: ⁶								
1948.....	2	824	46	587	24	11	-----	1
1949.....	7	3,010	-----	-----	136	-----	-----	-----

¹ Beginning in 1945, insurance on corn and tobacco was offered in a limited number of counties on an experimental basis. Beginning in 1948, insurance on all commodities was reduced to an experimental basis and offered in only a limited number of counties. Insurance on dry edible beans and multiple crops was added in 1948.

² Number of farms on which the insured crop was planted, including duplication where both landlord and tenant are insured. Insured farms on which no crop was planted are not included.

³ Acreage of the insured crop for the farm as included in the contract, although insurance for farm may cover interest of landlord, of tenant, or both.

⁴ Premiums, indemnities, and insured production for commodity (yield) insurance are determined in the standard unit of measure for the commodity, although transactions may be made in the cash equivalent. These data are shown in this table as the dollar equivalent and combined with data for monetary and investment-type insurance, which are determined in dollars only.

⁵ Estimated.

⁶ Includes a combination of from four to six commodities varying by counties.

Federal Crop Insurance Corporation.

TABLE 716.—Farm-mortgage debt: Total outstanding and amounts held by principal lenders, United States, Jan. 1, 1929-49¹

Year	Total	Federal land banks ²	Federal Farm Mortgage Corporation ²	Life insurance companies ²	Joint-stock land banks ²	Farmers Home Administration ²	Commercial banks ²	Individuals and miscellaneous
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	9,756,559	1,182,813	.....	2,138,980	656,516	.....	1,046,624	4,731,626
1930.....	9,630,768	1,201,732	.....	2,118,439	637,789	.....	997,468	4,675,340
1931.....	9,398,088	1,197,063	.....	2,087,047	605,858	.....	946,876	4,561,244
1932.....	9,093,983	1,180,992	.....	2,036,614	552,180	.....	940,135	4,384,062
1933.....	8,466,418	1,147,011	.....	1,898,318	474,954	.....	889,093	4,057,049
1934.....	7,685,203	1,257,825	70,738	1,697,787	412,346	.....	710,863	3,535,644
1935.....	7,584,459	1,947,442	616,737	1,301,562	277,020	.....	498,842	2,942,856
1936.....	7,422,701	2,113,502	794,147	1,112,289	200,617	.....	487,505	2,714,641
1937.....	7,153,963	2,147,768	841,251	1,015,615	162,786	.....	487,574	2,499,009
1938.....	6,954,884	2,126,610	824,151	988,537	133,554	.....	501,450	2,380,562
1939.....	6,779,318	2,088,478	774,377	952,939	114,992	10,218	519,276	2,289,038
1940.....	6,586,999	2,009,820	713,290	984,290	91,726	31,927	534,170	2,221,176
1941.....	6,491,435	1,957,184	685,149	1,016,479	73,455	65,294	543,408	2,150,466
1942.....	6,372,277	1,880,784	634,885	1,063,168	55,919	114,533	535,212	2,087,778
1943.....	5,950,975	1,718,240	543,895	1,042,939	37,015	157,463	476,676	1,974,747
1944.....	5,389,080	1,452,896	429,751	956,661	10,097	171,763	448,433	1,889,489
1945.....	4,932,942	1,209,676	347,307	933,723	5,455	193,377	449,582	1,793,822
1946.....	4,681,720	1,078,952	239,365	884,312	3,208	181,861	507,298	1,786,724
1947.....	4,777,355	976,748	146,621	890,161	1,641	189,300	683,229	1,889,655
1948.....	4,881,744	888,933	107,066	936,730	645	195,069	793,476	1,959,825
1949.....	5,108,183	868,156	77,920	1,035,719	462	188,893	847,841	2,089,192

¹ Continental United States only.² 1930-49, includes regular mortgages, purchase-money mortgages, and sales contracts; prior to 1930, includes regular mortgages only.³ Loans held by Federal Farm Mortgage Corporation were made on its behalf by Land Bank Commissioner. Authority to make new loans expired July 1, 1947.⁴ Joint-stock land banks have been in liquidation since May 12, 1933. Includes banks in receivership.⁵ Formerly Farm Security Administration. Prior to 1942, includes tenant-purchase loans. Beginning with 1942, includes farm-development (special real estate) loans; beginning with 1944, includes farm-enlargement loans; and beginning with 1945, includes project-liquidation loans. Loans made for these purposes from State Corporation trust funds are included. Loans insured by Farmers Home Administration are not included.⁶ 1935-49, insured commercial banks; prior to 1935, open State and national banks.

Bureau of Agricultural Economics.

TABLE 717.—Farm mortgages recorded: Loans made by the Federal land banks and Land Bank Commissioner and estimated amount recorded by other lender groups, by geographic divisions, 1948¹

Geographic division	Loans made		Mortgages recorded by other lenders				Total
	Federal land banks	Land Bank Commissioner ²	Individuals	Commercial banks	Insurance companies	Miscellaneous	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
New England.....	3,728	.....	9,984	26,233	226	1,032	41,203
Middle Atlantic.....	6,952	.....	36,443	33,494	4,218	4,713	85,820
East North Central.....	24,902	.....	84,463	113,567	51,743	13,300	287,975
West North Central.....	41,387	14	97,070	76,244	89,022	12,143	315,880
South Atlantic.....	11,813	.....	61,104	51,871	7,529	18,217	150,534
East South Central.....	10,537	.....	35,003	41,093	11,403	5,598	103,634
West South Central.....	20,715	2	60,821	32,811	53,795	10,725	178,869
Mountain.....	11,790	.....	50,457	22,912	23,721	8,567	117,447
Pacific.....	16,750	1	63,365	38,170	17,497	9,900	145,683
United States.....	148,574	17	498,710	436,395	259,154	84,195	1,427,045

¹ Excluding Puerto Rico.² Loans by the Land Bank Commissioner are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.

Farm Credit Administration.

TABLE 718.—Farm-mortgage debt: Total amount outstanding, by States, Jan. 1, 1930, 1935, 1940, 1945, and 1947-49

State and division	1930	1935	1940	1945	1947	1948	1949
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine.....	27, 613	30, 626	24, 757	16, 713	17, 681	18, 732	19, 364
New Hampshire.....	11, 756	12, 423	11, 220	9, 706	9, 822	10, 586	11, 409
Vermont.....	35, 365	31, 391	27, 814	21, 975	25, 768	27, 006	28, 088
Massachusetts.....	48, 984	49, 613	45, 845	36, 778	30, 361	31, 277	32, 086
Rhode Island.....	4, 632	4, 065	4, 121	3, 583	3, 544	3, 577	3, 759
Connecticut.....	43, 358	47, 886	36, 742	26, 105	22, 906	22, 358	22, 699
New England.....	171, 708	176, 004	150, 499	114, 860	110, 082	113, 526	117, 405
New York.....	233, 791	213, 634	191, 786	147, 200	151, 922	155, 466	160, 368
New Jersey.....	54, 180	49, 206	48, 791	39, 235	40, 619	43, 417	48, 275
Pennsylvania.....	168, 492	150, 738	131, 578	107, 358	115, 434	124, 622	129, 758
Middle Atlantic.....	456, 463	413, 578	372, 155	293, 793	307, 975	323, 505	338, 401
Ohio.....	272, 738	224, 261	239, 059	167, 463	162, 263	166, 985	175, 333
Indiana.....	269, 913	224, 169	236, 266	176, 468	169, 400	173, 588	183, 439
Illinois.....	614, 059	481, 797	418, 970	269, 947	280, 713	217, 608	217, 159
Michigan.....	221, 432	183, 172	174, 308	144, 988	155, 705	163, 424	175, 418
Wisconsin.....	503, 472	413, 082	356, 936	262, 072	243, 546	254, 477	260, 327
East North Central..	1, 883, 614	1, 526, 481	1, 425, 539	1, 020, 938	961, 627	976, 092	1, 011, 676
Minnesota.....	476, 210	396, 946	375, 990	304, 641	257, 698	244, 465	237, 572
Iowa.....	1, 196, 197	787, 159	705, 589	525, 939	424, 761	381, 863	383, 949
Missouri.....	442, 820	286, 460	229, 377	197, 529	198, 389	198, 921	204, 877
North Dakota.....	239, 772	197, 177	141, 230	91, 461	76, 146	70, 261	67, 367
South Dakota.....	293, 080	216, 592	127, 706	98, 788	80, 625	70, 632	67, 847
Nebraska.....	511, 453	431, 686	309, 826	204, 174	160, 983	141, 935	139, 870
Kansas.....	410, 447	357, 123	284, 248	171, 535	148, 150	143, 120	146, 993
West North Central..	3, 570, 279	2, 673, 143	2, 173, 966	1, 594, 067	1, 346, 752	1, 251, 197	1, 248, 475
Delaware.....	9, 581	8, 668	7, 957	6, 498	7, 287	8, 898	10, 351
Maryland.....	50, 377	43, 790	46, 675	40, 627	43, 883	48, 781	50, 449
Virginia.....	91, 000	75, 093	72, 299	61, 765	72, 256	78, 123	87, 265
West Virginia.....	26, 177	23, 671	21, 969	18, 658	20, 229	21, 601	22, 585
North Carolina.....	111, 880	93, 905	90, 071	73, 917	87, 836	95, 041	96, 252
South Carolina.....	64, 433	47, 149	45, 948	37, 590	40, 542	45, 112	49, 029
Georgia.....	113, 060	82, 867	82, 037	66, 344	78, 919	87, 569	98, 078
Florida.....	52, 840	40, 578	38, 101	30, 313	40, 615	48, 356	57, 925
South Atlantic.....	519, 348	415, 721	405, 057	335, 712	391, 567	433, 481	471, 934
Kentucky.....	116, 250	105, 226	109, 253	81, 579	82, 650	86, 569	91, 923
Tennessee.....	115, 280	93, 055	92, 614	65, 433	70, 121	76, 965	82, 576
Alabama.....	97, 890	81, 421	81, 859	66, 564	70, 255	74, 634	79, 651
Mississippi.....	103, 312	85, 073	100, 368	83, 744	99, 342	103, 987	112, 396
East South Central..	432, 732	364, 775	384, 094	297, 320	322, 368	342, 155	366, 546
Arkansas.....	99, 085	69, 317	72, 513	63, 695	72, 477	78, 897	86, 102
Louisiana.....	63, 838	57, 951	55, 098	48, 070	55, 826	59, 796	64, 282
Oklahoma.....	274, 971	183, 421	153, 679	116, 780	111, 400	112, 963	117, 806
Texas.....	671, 434	565, 968	431, 746	323, 358	317, 188	334, 879	349, 283
West South Central..	1, 109, 328	876, 657	713, 036	551, 903	556, 891	586, 535	617, 473
Montana.....	129, 744	100, 331	66, 118	41, 684	40, 912	42, 143	45, 676
Idaho.....	115, 547	89, 404	78, 763	58, 494	56, 522	61, 914	68, 074
Wyoming.....	43, 337	36, 709	34, 009	24, 951	25, 414	28, 463	32, 391
Colorado.....	138, 248	103, 479	75, 005	58, 064	66, 738	75, 187	86, 775
New Mexico.....	38, 954	27, 492	27, 499	24, 924	32, 499	41, 863	49, 018
Arizona.....	41, 690	30, 797	28, 933	22, 334	27, 117	30, 699	33, 128
Utah.....	51, 875	43, 757	36, 650	25, 720	27, 805	32, 130	34, 593
Nevada.....	15, 617	15, 131	10, 213	6, 120	7, 523	9, 605	11, 570
Mountain.....	575, 012	447, 100	357, 190	262, 291	284, 530	322, 004	361, 225
Washington.....	161, 557	125, 405	106, 857	73, 995	74, 093	79, 222	86, 201
Oregon.....	135, 917	104, 860	90, 421	69, 218	78, 862	85, 574	92, 497
California.....	614, 810	460, 735	407, 585	318, 845	342, 608	368, 453	396, 350
Pacific.....	912, 284	691, 000	604, 863	462, 058	495, 563	533, 249	575, 048
United States.....	9, 630, 768	7, 584, 459	6, 586, 399	4, 932, 942	4, 777, 355	4, 881, 744	5, 108, 183

¹ Includes District of Columbia.

Bureau of Agricultural Economics. Data for 1930-39 in Agricultural Statistics, 1944, table 576; for 1940-44 in Agricultural Statistics, 1947, table 678; and for 1946 in the 1948 book, table 712.

TABLE 719.—Farm-mortgage debt: Amount held by selected lender groups, by States, Jan. 1, 1948 and 1949

State and division	Federal land banks and Federal Farm Mortgage Corporation ^{1 2}		Life insurance companies ¹		Farmers Home Administration ³		All others ⁴	
	1948	1949	1948	1949	1948	1949	1948	1949
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	3,857	3,278	9	8	657	677	14,209	15,401
New Hampshire.....	1,722	1,687	0	3	134	146	8,730	9,573
Vermont.....	5,185	5,515	121	165	582	626	21,118	21,782
Massachusetts.....	7,458	7,047	501	628	433	490	22,885	23,921
Rhode Island.....	1,122	1,079	0	14	14	32	2,431	2,634
Connecticut.....	5,937	6,690	164	511	241	225	16,016	16,273
New England.....	25,281	24,296	795	1,329	2,061	2,196	85,389	89,584
New York.....	30,627	29,440	2,595	5,761	2,972	2,888	119,272	122,279
New Jersey.....	9,955	9,160	4,108	6,484	1,317	1,459	28,037	31,172
Pennsylvania.....	12,915	12,432	3,364	4,344	3,613	3,454	104,730	109,528
Middle Atlantic.....	53,497	51,032	10,067	16,589	7,902	7,801	252,039	262,979
Ohio.....	18,247	17,471	18,808	22,817	3,970	3,746	125,960	131,299
Indiana.....	23,341	22,076	46,102	53,450	3,685	3,324	100,470	104,589
Illinois.....	56,499	52,202	83,520	87,298	3,794	3,236	73,795	74,423
Michigan.....	23,705	23,407	3,023	4,573	3,170	3,255	133,526	144,183
Wisconsin.....	39,483	37,195	10,948	9,506	4,106	3,887	199,940	209,739
East North Central.....	161,275	152,351	162,401	177,644	18,725	17,448	633,691	664,233
Minnesota.....	58,369	52,891	68,596	63,985	6,246	5,853	111,254	114,843
Indiana.....	88,035	83,973	174,810	174,479	3,580	3,212	115,438	122,285
Missouri.....	24,134	22,995	60,505	63,010	7,614	7,788	106,668	111,084
North Dakota.....	21,474	17,521	11,385	9,547	2,687	2,448	34,715	37,851
South Dakota.....	30,438	29,350	32,875	30,978	2,603	2,297	4,716	5,222
Nebraska.....	53,065	49,081	47,335	49,247	3,520	3,262	38,015	38,280
Kansas.....	34,433	31,291	34,637	38,201	4,591	4,825	69,459	72,676
West North Central.....	309,948	287,102	430,143	429,447	30,841	29,685	480,265	502,241
Delaware.....	556	567	52	46	322	316	7,968	9,422
Maryland ⁵	4,487	4,360	2,188	2,843	1,365	1,422	40,741	41,824
Virginia.....	10,170	9,253	6,858	7,544	2,730	2,682	58,365	67,786
West Virginia.....	4,287	3,946	397	396	1,799	1,499	15,338	16,744
North Carolina.....	14,801	15,217	5,538	5,952	7,006	6,737	67,696	68,346
South Carolina.....	10,957	10,489	1,007	1,106	6,715	6,480	26,433	30,954
Georgia.....	18,017	17,244	7,383	8,770	12,083	11,783	50,086	60,281
Florida.....	9,820	10,590	5,588	9,140	1,864	1,905	31,084	36,290
South Atlantic.....	78,095	71,666	29,011	35,797	33,664	32,824	297,711	331,647
Kentucky.....	11,427	10,699	15,688	17,882	3,601	3,268	55,853	60,074
Tennessee.....	11,016	10,668	8,770	10,128	5,500	5,360	51,679	56,420
Alabama.....	18,419	18,291	1,705	1,921	9,554	9,353	44,956	50,686
Mississippi.....	20,373	19,990	21,735	24,233	16,119	16,499	45,760	51,674
East South Central.....	61,235	59,648	47,898	54,164	34,774	34,480	198,248	218,254
Arkansas.....	11,784	11,636	21,053	25,991	11,147	10,707	34,913	37,768
Louisiana.....	13,186	12,706	7,463	8,522	7,208	6,569	31,939	36,485
Oklahoma.....	20,506	19,873	20,325	23,716	10,144	9,577	61,988	64,640
Texas.....	105,299	98,490	101,582	118,711	22,746	20,806	105,252	111,276
West South Central.....	150,775	142,705	150,423	176,940	51,245	47,659	234,092	250,169
Montana.....	13,025	12,649	3,454	5,357	2,931	2,810	22,733	24,860
Idaho.....	14,478	14,326	8,591	11,680	1,646	1,961	37,199	40,107
Wyoming.....	8,620	8,267	4,639	7,499	1,075	1,145	14,129	15,480
Colorado.....	16,598	15,773	11,310	16,033	2,133	1,892	45,146	53,077
New Mexico.....	6,323	6,091	14,962	19,023	1,301	1,292	19,277	22,612
Arizona.....	6,389	6,116	5,614	7,056	323	716	18,373	19,240
Utah.....	7,863	7,713	1,102	1,612	1,501	1,991	21,664	23,277
Nevada.....	1,725	1,523	1,003	1,959	173	210	6,704	7,878
Mountain.....	75,021	72,458	60,675	70,219	11,083	12,017	185,225	206,531
Washington.....	13,921	14,065	9,021	11,871	1,316	1,353	54,964	58,912
Oregon.....	14,279	13,776	8,932	11,936	1,653	1,579	60,710	65,206
California.....	57,672	56,977	37,364	49,783	1,805	1,851	271,612	287,739
Pacific.....	85,872	84,818	55,317	73,590	4,774	4,783	387,286	411,857
United States.....	995,999	946,076	936,730	1,035,719	195,069	188,893	2,753,946	2,937,495

See footnotes on page 667.

TABLE 720.—Farm mortgage loans made or recorded by principal lenders, United States, 1910-48¹

Year	Loans made ²				Mortgages recorded ³			Total
	Federal land banks	Land Bank Commissioner ²	Joint-stock land banks	Farmers Home Administration ⁴	Insurance companies ⁵	Commercial and savings banks ⁷	Individuals and miscellaneous	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1910					105,359	207,734	936,792	1,249,885
1911					121,335	234,544	970,895	1,326,774
1912					143,758	252,073	977,506	1,373,337
1913					110,527	252,445	1,038,131	1,401,103
1914					120,441	270,357	1,006,699	1,397,497
1915					184,284	313,707	989,755	1,487,746
1916					235,051	454,716	1,147,506	1,837,273
1917	39,112		\$ 1,890		239,695	404,213	1,301,241	\$ 2,006,151
1918	118,130		\$ 6,800		161,520	316,764	1,348,688	\$ 1,931,702
1919	144,987		\$ 53,030		214,159	540,493	1,981,206	\$ 2,943,845
1920	66,985		\$ 19,224		386,788	663,202	2,489,481	\$ 3,625,780
1921	91,030		9,335		232,792	654,521	1,530,978	2,578,656
1922	224,301		138,685		340,932	578,067	1,224,001	2,505,986
1923	190,271		189,748		451,579	546,458	1,115,678	2,493,734
1924	162,475		74,587		346,110	475,654	1,014,144	2,072,970
1925	124,809		131,431		347,625	475,991	1,100,328	2,180,184
1926	128,978		123,026		335,128	433,362	1,012,567	2,033,061
1927	138,424		83,719		250,529	397,286	905,621	1,775,579
1928	100,615		40,572		223,185	398,167	902,263	1,664,802
1929	63,004		18,186		203,346	343,532	834,624	1,462,692
1930	47,146		5,236		173,665	355,232	783,346	1,364,625
1931	41,814		5,407		127,509	327,594	697,614	1,199,938
1932	27,516		2,181		74,760	263,336	535,548	903,341
1933	151,585	70,812	\$ 739		46,002	167,109	386,729	822,976
1934	730,134	553,048	(9)		53,422	130,583	353,187	1,820,374
1935	247,610	195,869	(9)		78,033	176,496	363,685	1,061,693
1936	103,602	76,887	(9)		115,115	186,109	315,681	802,394
1937	62,831	39,707	(9)		128,205	212,801	314,184	757,728
1938	51,237	29,152	(9)	10,218	137,416	209,925	285,241	723,189
1939	51,461	27,230	(9)	26,255	138,048	217,821	268,193	723,008
1940	63,926	36,391	(9)	39,060	145,562	219,835	267,688	772,462
1941	64,726	37,308	(9)	59,598	160,469	221,310	290,585	833,996
1942	53,599	28,242	(9)	34,910	154,566	191,023	300,473	762,813
1943	61,232	30,077	(9)	10 32,914	167,060	233,074	391,446	915,803
1944	69,418	34,469	(9)	10 37,351	160,758	255,343	413,635	970,974
1945	91,889	28,692	(9)	16,861	145,121	312,780	459,087	1,054,430
1946	128,572	14,611	(9)	46,721	199,979	521,872	574,453	1,486,208
1947	137,282	10,345	(9)	27,525	230,882	487,992	547,014	1,440,140
1948	148,574	17	(9)	19,228	259,154	436,395	563,677	1,427,045

¹ Continental United States only.
² Loans on regular mortgages only, excluding purchase-money mortgages and sales contracts. Figures are those reported by the agencies except data for the years 1917-20 for joint stock land banks, which are estimates of the Bureau of Agricultural Economics.
³ Loans by the Land Bank Commissioner are made on behalf of the Federal Farm Mortgage Corporation. Authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made by the Land Bank Commissioner.
⁴ Includes tenant-purchase, farm enlargement, farm development, and project-liquidation loans and similar loans from State Corporation trust funds. Figures represent amounts advanced for project-liquidation loans and amounts obligated for all other types of loans.
⁵ Figures for 1910-33 are estimates of the Bureau of Agricultural Economics, based on data from about 20 percent of the counties in the United States. Figures for 1936-48 are estimates of the Farm Credit Administration, based on reports from counties including 30-43 percent of the farms in the United States. Estimates for 1934-35 were developed jointly by both agencies.
⁶ Data for the years 1910-35 exclude mortgages recorded in the New England States which were too few to classify separately and are included with the recordings of miscellaneous lenders. Data for the years 1936 to date, however, include mortgages recorded in the New England States.
⁷ Includes national, State, and mutual savings banks.
⁸ Revised.
⁹ Placed in liquidation May 12, 1933. Loans made thereafter incidental to liquidation are included with mortgages recorded by miscellaneous lenders.
¹⁰ Some loans made in 1943 for which separate data are not available are included in 1944.
 Bureau of Agricultural Economics and Farm Credit Administration.

FOOTNOTES FOR TABLE 719:

¹ Includes regular mortgages, purchase-money mortgages, and sales contracts.
² Loans held by Federal Farm Mortgage Corporation were made on its behalf by Land Bank Commissioner.
³ Formerly Farm Security Administration. Includes tenant-purchase, farm-enlargement, farm-development, and project-liquidation loans. Also includes loans made for these purposes from State Corporation trust funds, but excludes loans insured by Farmers Home Administration.
⁴ Includes loans held by joint-stock land banks, commercial banks, individuals, and miscellaneous lenders. See table 723 for State data on loans held by insured commercial banks (classified by location of bank rather than by location of security).
⁵ Includes District of Columbia.

TABLE 721.—Agricultural loans not secured by farm real estate: Amount outstanding and loans made by selected lenders, United States, 1929-49¹
OUTSTANDING JAN. 1

Year	Agencies supervised by Farm Credit Administration						Farmers Home Administration ⁷				Rural Electrification Administration ¹²		Commodity Credit Corporation ¹⁵	
	Insured commercial banks ²	Production credit associations ^{3,4}	Regional agricultural credit corporations ⁵	Federal intermediate credit banks ⁶		Banks for cooperatives ⁸	Agricultural Marketing Act revolving fund ³	Production and subsistence and rural rehabilitation loans ⁹	Emergency crop and feed loans ¹⁰	Loans to cooperatives and defense relocation corporations ^{9,11}	Loans to cooperatives ¹³	Other loans ¹⁴	Loans to farmers	Loans to cooperatives
				Loans to and discounts for private financing institutions ³	Loans to cooperatives ³									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	(16)			43,884	36,174				17 7,976					
1930	(16)			47,283	26,073			14,510	17 8,946					
1931	18 1,936,360			62,462	64,377			136,698	17 61,441					
1932	(16)			71,960	45,177			156,230	49,769					
1933	(16)		24,373	79,658	9,618			158,835	90,353					
1934	(16)	27	144,615	60,382	15,005			157,702	90,863	(16)			64,577	0
1935	807,613	60,459	87,087	55,083	33,969			27,831	54,863	(16)			882	37,162
1936	17 661,606	93,400	43,394	46,518	2,731			49,962	44,433	(16)		10	0	271,219
1937	593,614	104,481	25,282	40,508	1,641			69,534	53,754	(16)			3,000	204,511
1938	788,351	136,918	15,588	39,974	1,813			87,504	30,982		3,668	30,015	4,300	173,134
1939	1,064,667	146,825	11,080	32,611	920			169,148	170,952		4,023	79,350	8,779	308,950
1940	1,994,392	153,425	8,005	32,316	1,835			242,452	167,795		6,721	169,122	14,121	280,193
1941	1,281,275	170,686	5,855	33,116	1,490			74,405	16,461		9,794	232,086	17,143	252,287
1942	1,449,937	185,611	5,531	57,939	2,152			112,692	16,914		19,910	304,807	17,702	133,018
1943	1,641,772	182,658	3,991	38,182	2,000			144,354	12,551		368,561	155,456	28,260	104,366
1944	1,505,249	196,637	32,047	34,137	2,000			235,068	7,351		343,558	146,181	28,584	93,104
1945	1,722,863	188,306	12,195	29,966	700			212,472	3,067		304,668	138,068	24,828	146,670
1946	1,310,281	194,788	6,151	26,487	2,042			157,100	2,693		280,453	128,901	16,921	98,904
1947	1,354,699	230,022	2,560	31,701	4,151			177,961	2,232		285,253	116,733	11,920	7,246
1948	1,609,672	289,077	1,862	273,285	4,000			273,285	2,603		265,917	105,913	9,970	2,493
1949	2,774,875	366,822	1,522	55,750	4,709			303,997	1,315		253,968	90,048	8,618	235,215

¹⁰ 177,317

354,542

MADE DURING YEAR

1929.....	(16)	-----	-----	90,591	43,588	-----	14,823	-----	5,760	-----	-----	-----	-----
1930.....	(16)	-----	-----	103,906	109,927	-----	193,395	-----	5,340	-----	-----	-----	-----
1931.....	(16)	-----	-----	118,381	145,127	-----	126,723	-----	55,788	-----	-----	-----	-----
1932.....	(16)	-----	24,597	148,624	88,997	-----	34,488	-----	64,205	-----	-----	-----	-----
1933.....	(16)	27	223,089	140,526	27,787	27,144	40,587	-----	57,376	(16)	-----	-----	(16)
1934.....	(16)	106,812	140,585	124,429	57,357	40,351	9,555	(16)	70,471	(16)	-----	-----	(16)
1935.....	(16)	194,959	90,655	116,137	44,011	66,296	7,402	(16)	96,382	(16)	10	0	(16)
1936.....	(16)	226,915	34,667	105,587	3,755	80,672	20,449	(16)	16,135	(16)	2,446	883	(16)
1937.....	(16)	284,886	18,603	100,983	5,129	97,143	5,935	²⁰ 158,142	31,815	²⁰ 3,685	27,579	3,420	(16)
1938.....	(16)	301,022	5,718	88,698	2,668	94,172	7,910	80,290	19,196	402	49,504	4,503	(16)
1939.....	(16)	319,401	4,664	85,382	4,156	82,704	1,214	108,943	14,567	2,803	90,137	5,617	(16)
1940.....	(16)	347,145	4,804	87,314	4,593	100,455	3,094	93,191	18,963	3,226	65,472	3,765	(16)
1941.....	(16)	414,815	6,759	100,697	5,651	179,958	3,990	103,408	16,891	10,391	75,301	3,396	(16)
1942.....	(16)	474,049	7,759	106,881	9,397	250,847	5,017	163,124	18,411	8,993	31,381	894	(16)
1943.....	(16)	497,178	73,254	91,790	5,000	398,141	1,417	123,694	17,232	2,586	13,607	435	(16)
1944.....	(16)	485,750	16,427	79,266	3,402	362,553	809	64,734	17,087	246	27,607	853	(16)
1945.....	(16)	509,579	9,646	73,039	4,032	329,980	660	72,564	15,085	202	55,164	1,844	(16)
1946.....	(16)	607,482	1,470	84,892	11,579	394,246	975	109,925	15,642	194	129,018	3,159	(16)
1947.....	(16)	747,967	77	107,545	14,128	524,204	1,400	92,199	-----	101	217,921	7,428	(16)
1948.....	(16)	915,812	77	158,777	13,639	491,625	1,000	82,825	-----	214	272,337	11,811	(16)

¹ Continental United States only.

² Beginning 1935, also includes loans to individuals covered by purchase agreements with Commodity Credit Corporation; beginning 1942, includes certificates of participation in pool of cotton growers' notes and some wartime loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$885,796,000 on Jan. 1, 1949.

³ Loans made include renewals.

⁴ Beginning 1947, excludes loans held by associations in liquidation. Loans subject to repurchase agreement with Commodity Credit Corporation are excluded.

⁵ Excludes loans to and discounts for production credit associations, regional agricultural credit corporations, and banks for cooperatives.

⁶ Also includes loans secured by Commodity Credit Corporation documents.

⁷ Succeeded Farm Security Administration on Nov. 1, 1946.

⁸ Also includes water facility loans, construction loans, wartime adjustment loans, and flood and windstorm restoration loans.

⁹ Loans outstanding also include loans made from State Corporation trust funds and by Resettlement Administration.

¹⁰ Also includes drought-relief and orchard-rehabilitation loans. Since Nov. 1, 1946, loans have been in liquidation and no new loans have been made.

¹¹ Loans made during 1947 and 1948 were exclusively to water facility cooperative associations.

¹² Loans "outstanding" are cumulative net advances minus principal repayments; loans "made during year" are net advances, after deducting unused loan funds.

¹³ Approximately 78 percent of individuals served by these cooperatives are farmers.

¹⁴ Principally loans to public bodies and to power companies for rural electrification.

¹⁵ Includes only loans made directly by Commodity Credit Corporation and guaranteed loans made by other lending agencies. This series is not comparable with that shown in table 722, which covers all loans made and guaranteed by Commodity Credit Corporation.

¹⁶ Data unavailable.

¹⁷ June 30.

¹⁸ Estimated for all open State and national banks as of June 30, 1931.

¹⁹ Revised.

²⁰ Annual data unavailable; cumulative from inception of program.

Bureau of Agricultural Economics.

TABLE 722.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1, 1949, and loans made during 1948, by selected lenders and by States¹

OUTSTANDING JAN. 1, 1949

State and division	Insured commercial banks ²	Agencies supervised by Farm Credit Administration					Farmers Home Administration ⁸			Rural Electrification Administration ¹³		Loans made or guaranteed by Commodity Credit Corporation ¹⁶
		Production credit associations ^{3,4}	Regional agricultural credit corporations ^{3,5}	Federal intermediate credit banks, loans to and discounts for private financing institutions ^{3,6}	Banks for cooperatives ⁷	Agricultural Marketing Act revolving fund ³	Production and subsistence and rural rehabilitation loans ^{9,10}	Emergency crop and feed loans ¹¹	Loans to cooperatives and defense relocation corporations ^{10,12}	Loans to cooperatives ¹⁴	Other loans ¹⁵	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	14,991	2,336	7	66	4,924	0	3,119	469	4	1,093	0	8,441
New Hampshire.....	1,969	497	1	0	129	0	1,008	29	0	2,274	0	92
Vermont.....	9,903	3,604	(17)	246	1,026	0	1,118	46	5	2,272	0	0
Massachusetts.....	4,861	1,598	(17)	527	18,928	0	537	32	0	0	0	134
Rhode Island.....	503	331	(17)	0	7	0	102	0	0	0	0	17
Connecticut.....	2,591	2,395	1	134	553	0	193	18	0	0	0	80
New England.....	34,818	10,761	9	973	25,567	0	6,077	594	9	5,639	0	8,764
New York.....	53,434	17,556	36	4,128	12,349	0	6,002	152	216	2,294	0	2,008
New Jersey.....	7,841	2,839	1	89	772	0	2,063	62	301	569	0	183
Pennsylvania.....	38,265	8,859	32	0	4,210	0	4,781	314	0	14,959	0	372
Middle Atlantic.....	99,540	29,254	69	4,217	17,331	0	12,846	528	517	17,822	0	2,563
Ohio.....	53,896	16,680	9	1,642	8,283	0	4,233	225	26	27,305	172	3,258
Indiana.....	56,094	18,331	11	690	14,327	0	2,966	177	4	28,041	0	1,579
Illinois.....	123,546	20,953	7	1,913	5,644	19	5,184	266	84	39,565	0	7,155
Michigan.....	45,608	5,337	82	53	5,994	96	6,882	407	11	19,026	0	2,666
Wisconsin.....	49,002	10,080	19	2,285	6,917	0	5,785	702	17	41,990	59	286
East North Central.....	328,146	71,381	128	6,583	41,165	115	25,050	1,777	142	165,927	231	14,944
Minnesota.....	107,680	10,252	53	1,578	23,236	0	7,581	3,525	54	59,427	700	11,275
Iowa.....	208,375	12,357	13	807	4,483	0	4,915	137	15	53,448	0	36,318
Missouri.....	137,177	12,467	36	877	12,456	0	8,315	1,294	315	58,946	77	44,146
North Dakota.....	62,828	2,652	54	358	266	0	4,564	25,652	173	28,417	522	49,896
South Dakota.....	72,418	5,115	28	696	94	0	7,822	11,857	32	20,411	0	17,909
Nebraska.....	146,817	7,917	29	620	650	0	5,715	2,545	133	6,082	25,869	39,680
Kansas.....	185,308	9,799	68	1,071	25,321	0	6,360	3,078	150	33,309	0	105,591
West North Central.....	920,603	60,559	281	6,007	66,506	0	45,272	48,088	872	260,040	27,168	304,815

Delaware.....	2,426	937	1	0	133	0	322	37	0	1,941	0	277
Maryland.....	10,449	4,783	29	0	2,853	0	1,990	287	6	5,916	0	1,226
Dist. of Columbia.....	24	0	0	0	0	0	0	0	0	0	0	0
Virginia.....	26,997	4,817	37	42	13,221	0	2,391	1,321	146	26,646	0	5,191
West Virginia.....	5,578	1,369	2	0	128	0	1,499	166	0	917	0	0
North Carolina.....	19,496	6,236	7	32	3,497	0	5,024	905	475	32,422	167	65,634
South Carolina.....	21,173	3,369	6	0	0	0	6,801	1,732	259	19,163	621	23,369
Georgia.....	41,164	8,190	47	0	4,805	400	11,932	1,916	762	38,024	38	69,539
Florida.....	9,833	8,487	27	554	11,640	0	5,195	1,092	349	14,977	61	5,215
South Atlantic.....	137,140	38,188	156	628	36,277	400	35,154	7,456	1,997	140,006	887	170,451
Kentucky.....	38,786	8,705	3	18	1,004	0	3,589	356	0	35,043	0	47,405
Tennessee.....	69,061	6,385	13	630	407	400	2,729	620	29	29,837	2,160	29,904
Alabama.....	60,531	3,606	3	361	1,345	0	11,835	1,387	703	26,404	641	49,752
Mississippi.....	41,907	6,529	9	6,791	10,590	0	11,607	1,446	345	31,892	0	63,550
East South Central.....	210,285	25,225	28	7,800	13,346	400	29,760	3,809	1,077	123,176	2,801	190,611
Arkansas.....	68,735	4,851	37	785	15,875	0	11,028	2,982	804	27,652	0	44,639
Louisiana.....	33,410	5,734	10	599	10,098	0	7,021	1,606	407	16,950	0	24,163
Oklahoma.....	102,088	8,394	230	3,246	6,962	400	13,449	1,459	42	35,252	82	64,973
Texas.....	247,300	37,631	56	13,100	17,777	0	23,720	6,089	314	93,815	128	99,685
West South Central.....	451,533	56,610	333	17,730	50,712	400	55,218	12,136	1,567	173,669	210	233,460
Montana.....	66,232	9,468	9	331	325	0	5,806	5,483	676	16,320	0	19,394
Idaho.....	41,853	8,565	9	60	2,470	0	4,742	690	286	6,006	0	17,533
Wyoming.....	17,550	3,574	27	497	758	0	4,353	696	74	7,319	0	6,497
Colorado.....	84,514	11,318	35	2,642	2,063	0	6,706	1,882	316	19,130	88	25,841
New Mexico.....	22,555	3,774	58	800	557	0	3,869	1,645	246	8,592	175	7,189
Arizona.....	26,759	3,138	1	2,015	317	0	993	162	38	5,732	0	7,183
Utah.....	23,187	3,496	4	3,174	6,786	0	2,983	362	346	1,926	0	2,947
Nevada.....	4,316	917	0	632	0	0	501	46	121	0	80	87
Mountain.....	287,066	44,250	143	10,151	13,276	0	29,908	10,966	2,153	65,025	343	86,671
Washington.....	71,678	3,129	320	469	4,119	0	4,903	1,923	60	9,458	3,148	46,806
Oregon.....	41,694	10,004	14	0	6,894	0	2,934	1,029	91	10,044	249	18,475
California.....	192,372	17,461	38	5,901	28,804	0	6,846	1,742	133	2,083	391	19,351
Pacific.....	305,744	30,594	372	6,370	30,817	0	14,683	4,694	284	21,585	3,788	84,632
United States.....	2,774,875	366,822	¹⁸ 1,522	60,459	303,997	1,315	253,968	90,048	8,618	962,889	35,428	¹⁹ 1,287,759
Hawaii.....	0	0	0	0	0	0	280	1	0	0	0	0
Alaska.....	1	0	0	0	0	0	86	0	223	925	0	0
Puerto Rico.....	0	5,003	0	5,715	687	0	2,912	182	(17)	0	0	5,196
Virgin Islands.....	12	0	0	0	0	0	71	0	6	0	307	0

See footnotes on page 675.

TABLE 722.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1, 1949, and loans made during 1948, by selected lenders and by States ¹—Continued

MADE DURING 1948

State and division	Insured commercial banks ²	Agencies supervised by Farm Credit Administration					Farmers Home Administration ⁸		Rural Electrification Administration ¹³		Loans made or guaranteed by Commodity Credit Corporation ¹⁶	
		Production credit associations ^{3, 4}	Regional agricultural credit corporations ^{3, 5}	Federal intermediate credit banks, loans to and discounts for private financing institutions ^{3, 6}	Banks for cooperatives ⁷	Agricultural Marketing Act revolving fund ⁹	Production and subsistence and rural rehabilitation loans ¹⁰	Loans to cooperatives and defense relocation corporations ^{10, 12}	Loans to cooperatives ¹⁴	Other loans ¹⁵	Farmers	Cooperatives
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	5,633	247	22,325	0	1,022	0	132	0	11,861	0	0	
New Hampshire.....	884	0	59	0	217	0	272	0	100	0	0	
Vermont.....	6,229	475	323	0	375	0	272	0	0	0	0	
Massachusetts.....	3,152	902	25,964	0	117	0	0	0	133	0	0	
Rhode Island.....	615	0	0	0	29	0	0	0	17	0	0	
Connecticut.....	4,319	175	2,116	0	34	0	0	0	170	0	0	
New England.....	20,832	1,799	50,787	0	1,794	0	676	0	12,281	0	0	
New York.....	31,250	11,724	10,075	0	1,386	0	125	0	2,053	0	0	
New Jersey.....	5,411	200	285	0	505	0	22	0	188	0	0	
Pennsylvania.....	14,233	0	3,382	0	1,472	0	2,582	0	467	0	0	
Middle Atlantic.....	50,894	11,924	13,742	0	3,363	0	2,729	0	2,708	0	0	
Ohio.....	29,581	2,474	8,922	0	968	0	3,869	172	3,734	0	0	
Indiana.....	36,936	1,386	24,189	0	791	0	5,707	0	1,662	0	0	
Illinois.....	45,360	3,687	6,957	0	1,542	0	10,520	0	7,766	0	0	
Michigan.....	9,675	86	8,174	0	1,746	0	3,747	0	2,778	0	0	
Wisconsin.....	19,042	3,793	25,724	0	2,017	0	9,984	0	341	188	0	
East North Central.....	140,594	11,426	73,966	0	7,064	0	33,827	172	16,281	188	0	
Minnesota.....	24,022	2,964	34,554	0	2,308	0	17,195	700	11,543	0	0	
Iowa.....	31,617	2,188	10,568	0	1,692	0	12,212	0	37,323	0	0	
Missouri.....	31,842	2,211	14,802	0	2,980	0	15,883	0	44,562	13,105	0	
North Dakota.....	6,390	752	193	0	1,549	0	12,428	59	50,885	0	0	
South Dakota.....	12,436	1,558	99	0	1,651	0	9,374	0	18,112	0	0	
Nebraska.....	19,667	1,644	605	0	1,013	0	3,624	7,546	40,833	0	0	
Kansas.....	22,079	2,207	19,068	0	1,470	0	11,585	0	107,325	0	0	
West North Central.....	148,053	13,524	79,889	0	12,663	0	82,301	8,305	310,583	13,105	0	

Delaware.....	1,506	0	0	0	45	0	517	0	279	0
Maryland.....	8,872	0	1,850	0	560	0	1,824	0	1,238	0
Dist. of Columbia.....	0	0	0	0	0	0	0	0	0	0
Virginia.....	8,564	48	5,123	0	861	0	6,461	0	874	2,925
West Virginia.....	2,009	0	60	0	482	0	68	0	0	0
North Carolina.....	22,321	342	4,175	0	4,595	0	8,992	0	9,837	50,501
South Carolina.....	12,646	42	50	0	2,913	0	4,976	587	23,489	3,591
Georgia.....	22,581	0	9,970	0	3,537	0	12,019	0	34,683	31,008
Florida.....	13,026	604	17,967	0	1,104	0	3,753	0	219	0
South Atlantic.....	91,525	1,636	39,195	0	14,097	0	38,610	387	70,619	88,025
Kentucky.....	14,496	30	900	0	1,612	0	11,755	0	839	29,905
Tennessee.....	11,510	1,566	26,913	200	1,563	0	10,841	1,225	12,246	29,093
Alabama.....	12,458	639	865	0	2,766	0	9,071	273	47,882	24,534
Mississippi.....	31,223	26,123	15,110	0	3,427	0	9,718	0	63,790	25,279
East South Central.....	69,687	28,358	43,728	200	9,368	0	41,385	1,498	124,757	108,811
Arkansas.....	21,731	2,635	18,637	0	4,502	0	7,414	0	44,982	35,620
Louisiana.....	18,130	3,118	13,574	0	2,508	0	3,939	0	24,600	11,922
Oklahoma.....	20,155	8,564	53,216	400	5,006	0	10,153	0	63,165	7,489
Texas.....	119,930	45,623	42,965	400	8,310	0	24,537	0	103,407	22,604
West South Central.....	179,946	59,940	128,392	800	20,326	0	46,043	0	236,154	77,635
Montana.....	28,384	1,120	70	0	2,191	24	5,901	0	19,714	0
Idaho.....	24,113	325	1,608	0	2,255	57	1,390	0	17,834	0
Wyoming.....	8,351	1,989	775	0	1,661	0	2,560	0	6,579	0
Colorado.....	29,132	5,964	2,237	0	1,928	5	5,374	21	26,082	0
New Mexico.....	10,820	2,720	695	0	1,154	0	3,187	0	6,980	1,719
Arizona.....	8,365	10,028	237	0	2,965	0	2,965	0	7,386	0
Utah.....	9,282	6,883	8,858	0	837	79	274	0	3,035	0
Nevada.....	3,679	985	0	0	118	0	0	28	93	0
Mountain.....	122,126	30,014	14,480	0	10,371	165	21,651	49	87,703	1,719
Washington.....	9,446	966	6,899	0	1,318	18	2,195	1,336	47,825	0
Oregon.....	24,990	1,078	5,951	0	998	23	2,240	64	18,721	502
California.....	57,719	12,351	34,596	0	1,463	8	680	0	19,980	5,161
Pacific.....	92,155	14,395	47,446	0	3,779	49	5,115	1,400	86,526	5,663
United States.....	915,812	77	172,416	1,000	82,825	214	272,337	11,811	²⁰ 956,089	²¹ 295,285
Alaska.....	0	0	0	0	15	0	525	0	0	0
Hawaii.....	0	0	0	0	132	0	0	0	0	0
Puerto Rico.....	8,502	6,932	3,053	0	1,590	0	0	0	0	4,102
Virgin Islands.....	0	0	0	0	32	0	0	52	0	0

LOANS NOT SECURED BY FARM REAL ESTATE

See footnotes on page 675.

TABLE 723.—Agricultural loans of insured commercial banks: Amounts outstanding, by types and by States, specified dates, 1947-49¹

State and division	Farm real estate loans					Personal and collateral loans ²				
	1947		1948		1949	1947		1948		1949
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,736	2,942	3,249	3,775	3,535	20,816	5,082	10,208	5,864	14,991
New Hampshire.....	1,131	1,153	1,371	1,505	1,481	1,516	1,744	2,304	2,194	1,969
Vermont.....	9,645	9,837	10,372	10,476	10,650	7,726	8,793	9,281	10,526	9,903
Massachusetts.....	1,321	1,506	2,048	1,809	1,957	2,651	3,211	3,668	3,890	4,861
Rhode Island.....	669	756	879	1,003	1,117	663	520	579	636	503
Connecticut.....	1,683	1,776	2,014	2,004	2,141	2,042	2,699	2,824	2,506	2,591
New England.....	17,185	18,060	19,933	20,572	20,881	35,414	22,049	28,864	25,616	34,818
New York.....	23,904	27,075	27,746	27,948	28,511	33,998	41,839	43,125	51,778	53,434
New Jersey.....	5,323	5,026	5,667	5,937	6,164	4,939	6,788	6,585	8,352	7,841
Pennsylvania.....	30,912	35,013	38,931	43,162	43,858	21,374	23,881	28,930	33,243	38,265
Middle Atlantic.....	60,139	67,114	72,344	77,047	78,533	60,311	72,508	78,640	93,373	99,540
Ohio.....	55,098	60,935	65,900	70,041	70,253	31,258	38,097	42,377	49,135	53,896
Indiana.....	36,017	39,555	41,363	42,978	43,394	33,525	40,775	42,933	51,965	56,094
Illinois.....	26,117	28,610	29,463	31,353	31,968	66,346	68,812	84,837	90,322	123,546
Michigan.....	28,261	31,625	33,727	35,395	35,679	29,082	34,059	35,471	44,259	45,608
Wisconsin.....	34,118	38,641	40,821	43,947	44,573	30,627	36,432	39,937	47,748	49,002
East North Central.....	179,611	199,366	211,274	223,714	225,867	190,838	218,175	245,555	283,429	328,146
Minnesota.....	24,027	26,381	27,036	28,979	29,045	53,193	57,470	60,458	75,020	107,680
Iowa.....	41,828	44,141	42,157	47,188	47,120	102,511	92,852	110,981	123,871	208,375
Missouri.....	31,996	34,205	34,505	36,973	35,669	61,487	74,961	78,836	101,311	137,177
North Dakota.....	1,563	2,320	2,112	2,459	2,444	16,430	17,602	16,878	21,324	62,828
South Dakota.....	2,776	3,183	3,154	3,620	3,472	30,288	30,769	33,163	41,408	72,418
Nebraska.....	7,326	8,531	8,207	8,597	7,924	65,625	61,755	81,293	79,077	146,817
Kansas.....	12,909	14,373	14,296	15,231	14,706	62,524	77,654	89,367	100,888	185,308
West North Central.....	122,425	133,134	131,467	143,047	140,380	392,058	413,063	470,976	542,899	920,603
Delaware.....	3,882	4,631	4,944	6,056	5,987	1,409	1,995	2,232	2,379	2,426
Maryland.....	12,411	13,928	16,466	15,191	15,210	5,690	7,335	7,837	9,260	10,449
District of Columbia.....	55	70	105	132	140	3	9	21	18	24
Virginia.....	19,500	23,537	24,826	26,525	27,718	17,258	22,748	21,737	27,662	26,997
West Virginia.....	7,256	8,638	9,104	9,849	10,124	3,652	4,519	4,827	5,791	5,578
North Carolina.....	15,046	18,100	17,175	19,781	19,196	8,354	23,248	9,262	26,445	19,496
South Carolina.....	3,083	3,892	4,272	5,010	4,887	6,196	11,927	5,746	13,681	21,173
Georgia.....	14,918	16,114	15,932	18,983	16,919	21,675	30,949	25,552	36,097	41,164
Florida.....	5,555	5,442	6,346	6,649	6,750	7,596	8,438	9,509	8,746	9,833
South Atlantic.....	81,706	94,352	99,170	108,176	106,931	71,733	111,168	86,723	130,079	137,140
Kentucky.....	31,772	34,395	37,515	41,273	42,206	26,614	29,565	32,167	37,229	38,786
Tennessee.....	22,220	24,742	26,821	28,572	27,678	23,946	32,012	27,922	41,365	69,061
Alabama.....	9,491	11,286	11,593	13,499	12,755	19,001	31,625	21,837	40,802	60,531
Mississippi.....	10,945	12,794	11,669	14,030	11,610	16,917	21,393	15,661	27,597	41,907
East South Central.....	74,428	83,217	87,598	97,374	94,249	86,478	114,595	97,587	146,993	210,285
Arkansas.....	8,410	9,546	9,540	10,117	9,266	19,530	28,724	21,419	39,715	68,735
Louisiana.....	7,510	9,397	9,157	10,406	9,506	9,097	11,812	9,419	14,730	33,410
Oklahoma.....	8,561	9,252	9,382	10,231	9,573	40,891	54,974	55,291	76,623	102,088
Texas.....	24,428	26,634	26,623	28,399	26,736	147,777	164,605	155,851	202,115	247,300
West South Central.....	48,909	54,829	54,702	59,153	55,081	217,295	260,115	241,980	333,183	451,533
Montana.....	1,799	2,276	2,219	2,533	2,169	16,520	23,799	22,590	32,037	66,332
Idaho.....	2,693	3,357	3,385	3,839	3,686	17,556	18,929	19,383	25,339	41,853
Wyoming.....	1,968	2,396	2,269	2,341	2,055	12,423	17,250	14,921	19,181	17,550
Colorado.....	4,589	5,186	4,976	4,931	4,743	39,600	43,387	59,857	58,306	84,514
New Mexico.....	1,827	2,029	1,909	2,204	1,898	14,474	16,231	15,881	20,102	22,555
Arizona.....	2,143	2,093	3,005	2,395	2,223	16,746	14,428	22,369	18,913	26,759
Utah.....	5,806	6,998	7,016	7,043	7,060	17,654	18,258	20,189	21,767	23,187
Nevada.....	1,011	1,198	1,346	1,271	1,274	4,327	5,501	4,749	5,292	4,316
Mountain.....	21,836	25,533	26,124	26,557	25,108	139,300	157,783	179,938	200,937	287,066

See footnotes at end of table.

TABLE 723.—Agricultural loans of insured commercial banks: Amounts outstanding, by types and by States, specified dates, 1947-49¹—Continued

State and division	Farm real estate loans					Personal and collateral loans ²				
	1947		1948		1949	1947		1948		1949
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>
	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>	<i>dollars</i>
Washington.....	11,144	13,387	12,913	13,459	12,984	28,618	24,926	21,341	29,205	71,678
Oregon.....	5,622	7,040	7,100	8,304	8,288	15,364	19,346	17,987	27,436	41,694
California.....	60,224	69,114	70,851	79,640	79,539	117,290	134,976	140,081	162,921	192,372
Pacific.....	76,990	89,541	90,864	101,403	100,811	161,272	179,248	179,409	219,562	305,744
United States.....	683,229	765,146	793,476	857,043	847,841	1,354,699	1,548,704	1,609,672	1,976,071	2,774,875
Possessions ³	55	63	63	63	71	12	11	16	15	13

¹ Loans classified by location of bank and not by location of security or borrower, as in the case of other lenders.

² Also includes loans to individuals covered by purchase agreements with Commodity Credit Corporation, certificates of participation in pool of cotton growers' notes, and some loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$885,796,000 on Jan. 1, 1949.

³ Alaska, Hawaii, and Virgin Islands.

Bureau of Agricultural Economics. Compiled from reports of the Federal Deposit Insurance Corporation.

FOOTNOTES FOR TABLE 722:

¹ Commercial bank loans are classified by location of bank; those for federally sponsored agencies by location of security or borrower.

² Also includes loans to individuals covered by purchase agreements with Commodity Credit Corporation, certificates of participation in pool of cotton growers' notes, and some wartime loans to Commodity Credit Corporation in connection with its purchase programs. Such loans and certificates totaled \$885,796,000 on Jan. 1, 1949. Data not available for loans made.

³ Loans made include renewals.

⁴ Excludes loans held by associations in liquidation. Loans subject to repurchase agreement with Commodity Credit Corporation are excluded.

⁵ Loans made cannot be allocated by States.

⁶ Excludes loans to and discounts for production credit associations, regional agricultural credit corporations, and banks for cooperatives. Loans made include \$11,500,000 and \$2,139,000 to cooperatives in New York and California, respectively. Loans outstanding include \$4,000,000 to cooperatives in New York, and \$709,000 to cooperatives in California.

⁷ Also includes loans secured by Commodity Credit Corporation documents.

⁸ Succeeded Farm Security Administration on Nov. 1, 1946.

⁹ Also includes water facility loans, construction loans, wartime adjustment loans, and flood and windstorm restoration loans.

¹⁰ Loans outstanding also include loans made from State Corporation trust funds and by Resettlement Administration.

¹¹ Loans outstanding also include drought-relief and orchard-rehabilitation loans. Since Nov. 1, 1946, loans have been in liquidation and no new loans have been made.

¹² Loans made during 1948 were exclusively to water facility cooperative associations.

¹³ Loans "outstanding" are cumulative net advances minus principal repayments; loans "made during year" are net advances, after deducting unused loan funds.

¹⁴ Approximately 78 percent of individuals served by these cooperatives are farmers.

¹⁵ Principally loans to public bodies and to power companies for rural electrification.

¹⁶ Includes only loans made directly by Commodity Credit Corporation and guaranteed loans made by other lending agencies. Guaranteed loans held by insured commercial banks are included even though they also are included under banks. As far as possible, loans have been distributed according to location of producer receiving loan. Loans to cooperative associations have been distributed according to location of association. Data on loans outstanding by type of borrower are not available.

¹⁷ Less than \$500.

¹⁸ Includes \$3,000 which cannot be allocated by States.

¹⁹ Includes \$190,848,000 which cannot be allocated by States.

²⁰ Includes \$8,477,000 which cannot be allocated by States.

²¹ Includes \$139,000 which cannot be allocated by States.

Bureau of Agricultural Economics.

TABLE 724.—Farm Credit Administration: Loans and discounts made, 1929-48¹

Year	Farm-mortgage loans ²			Loans to cooperatives			
	Federal land banks	Land Bank Commissioner ³	Total	Federal intermediate credit banks (direct) ⁴	Banks for cooperatives, including Central Bank ⁵	Agricultural Marketing Act revolving fund ⁶	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	64,252		64,252	43,588		14,823	58,411
1930	47,971		47,971	109,927		193,395	303,322
1931	42,015		42,015	145,127		126,773	271,900
1932	27,570		27,570	89,245		34,489	123,734
1933	151,634	70,812	222,446	27,910	27,144	40,687	95,741
1934	730,367	553,136	1,283,503	57,369	40,371	9,555	107,295
1935	248,671	196,396	445,067	44,509	66,348	7,402	118,259
1936	109,170	77,258	186,428	3,755	81,294	20,450	105,499
1937	63,092	40,020	103,112	5,129	97,585	5,935	108,649
1938	51,419	29,395	80,814	2,668	94,946	7,910	105,524
1939	51,582	27,417	78,999	4,155	83,360	1,214	88,729
1940	64,275	36,664	100,939	4,593	101,231	3,094	108,918
1941	65,068	37,533	102,601	5,651	181,570	3,990	191,211
1942	53,974	28,534	82,508	9,397	252,380	5,017	266,794
1943	61,900	30,497	92,397	5,000	398,581	1,417	404,998
1944	70,275	35,017	105,292	3,402	363,637	809	367,848
1945	92,986	29,462	122,448	4,032	333,702	660	338,394
1946	130,162	15,035	145,197	11,579	399,769	975	412,323
1947	138,764	10,606	149,370	14,128	530,248	1,400	545,776
1948	150,514	17	150,531	13,639	494,678	1,000	509,317

Year	Other loans and discounts					Net total
	Federal intermediate credit banks loans to and discounts for— ⁴		Production credit associations ^{4,7}	Regional agricultural credit corporations ^{4,8}	Total	
	RACC's PCA's and BC's ⁶	Other financing institutions				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929		94,668			94,668	217,331
1930		109,047			109,047	460,340
1931		122,867			122,867	436,782
1932		151,578		24,597	176,175	327,479
1933	109,746	141,017	27		250,790	682,347
1934	223,596	124,949	107,216	140,589	596,350	1,763,552
1935	252,738	116,909	196,306	90,655	656,608	967,196
1936	271,700	106,206	228,090	34,667	640,663	660,890
1937	342,978	101,458	286,520	18,603	749,559	618,342
1938	370,888	90,466	302,164	5,718	769,226	584,676
1939	381,222	86,558	320,483	4,664	792,927	579,433
1940	419,072	88,593	349,383	4,805	861,853	652,638
1941	539,297	102,261	418,195	6,759	1,066,512	821,027
1942	696,522	110,078	477,715	7,759	1,292,074	944,854
1943	827,473	94,962	501,212	73,254	1,496,901	1,166,823
1944	792,462	81,744	490,477	15,665	1,380,348	1,061,026
1945	759,936	74,491	516,116	9,646	1,360,189	1,061,095
1946	922,816	88,092	614,613	1,470	1,626,991	1,261,695
1947	1,126,164	112,832	757,611	77	1,996,684	1,565,666
1948	1,366,734	165,710	924,314	77	2,456,835	1,749,949

¹ Includes Puerto Rico.² Excludes purchase money mortgages and sales contracts.³ Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.⁴ Includes renewals.⁵ Does not include advances in connection with the Commodity Credit Corporation program.⁶ In order to eliminate interagency transactions, the amounts of these loans and discounts for regional agricultural credit corporations, production credit associations, and banks for cooperatives are excluded from the net total.⁷ Excludes data for production credit associations in liquidation subsequent to the beginning of liquidation.⁸ In accordance with Public Law 38, 81st Congress, the R.A.C.C. of Washington, D.C., was dissolved and as of April 16, 1949, its assets were transferred to the F.H.A.

Farm Credit Administration.

TABLE 725.—Farm Credit Administration: Loans and discounts outstanding, Jan. 1, 1930-49¹

Year	Farm-mortgage loans ²			Loans to cooperatives			
	Federal land banks	Land Bank Commissioner ³	Total	Federal intermediate credit banks (direct)	Banks for cooperatives, including Central Bank	Agricultural Marketing Act revolving fund	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1930.....	1,198,514		1,198,514	26,073		14,510	40,583
1931.....	1,189,604		1,189,604	64,377		136,698	201,075
1932.....	1,167,898		1,167,898	45,177		156,280	201,457
1933.....	1,128,564		1,128,564	9,866		158,885	168,751
1934.....	1,232,707	70,738	1,303,445	15,211	18,697	157,752	191,660
1935.....	1,915,792	616,825	2,532,617	33,969	27,850	54,863	116,682
1936.....	2,071,925	794,726	2,866,651	2,731	50,013	44,433	97,177
1937.....	2,064,158	836,779	2,900,937	1,641	69,647	53,754	125,042
1938.....	2,035,307	812,749	2,848,056	1,813	87,633	30,982	120,428
1939.....	1,982,224	752,851	2,735,075	920	87,496	23,723	112,139
1940.....	1,904,655	690,880	2,595,535	1,835	76,252	20,547	98,634
1941.....	1,851,218	648,296	2,499,514	1,490	74,741	16,461	92,692
1942.....	1,764,398	596,802	2,361,200	2,152	113,444	16,914	132,510
1943.....	1,602,846	512,198	2,115,044	2,000	144,643	12,551	159,194
1944.....	1,357,938	406,190	1,764,128	2,000	235,174	7,351	244,525
1945.....	1,136,928	329,700	1,466,628	700	212,835	3,067	216,602
1946.....	1,027,587	228,397	1,255,984	2,042	157,545	2,693	162,280
1947.....	944,421	140,127	1,084,548	4,151	181,550	2,232	187,933
1948.....	869,425	103,195	972,620	4,000	274,777	2,602	281,379
1949.....	856,573	75,237	931,810	4,709	304,684	1,315	310,708

Year	Other loans and discounts					Net total
	Federal intermediate credit banks loans to and discounts for—		Production credit associations ⁵	Regional agricultural credit corporations ⁶	Total	
	RACC's PCA's and BC's ⁴	Other financing institutions				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1930.....			50,018		50,018	1,289,115
1931.....			65,633		65,633	1,456,312
1932.....			74,692		74,692	1,444,047
1933.....			82,518		82,518	1,404,206
1934.....		73,264	60,989	27	144,636	1,700,757
1935.....		99,675	55,672	60,852	87,102	2,852,925
1936.....		104,706	47,162	93,911	43,400	3,148,301
1937.....		129,872	41,017	105,088	25,288	3,197,372
1938.....		165,194	40,464	137,349	15,592	3,161,889
1939.....		168,392	33,545	145,479	11,081	3,037,319
1940.....		165,236	33,354	153,675	8,005	2,889,203
1941.....		186,932	34,102	171,866	5,855	2,804,029
1942.....		226,017	39,222	187,497	5,532	2,725,961
1943.....		272,964	39,059	184,663	3,991	2,501,951
1944.....		308,671	35,778	198,735	32,047	2,275,213
1945.....		267,135	31,198	191,684	12,195	1,918,307
1946.....		241,879	27,870	198,887	6,151	1,651,172
1947.....		276,461	34,244	233,907	2,560	1,543,192
1948.....		334,037	42,909	293,608	1,862	1,592,378
1949.....		425,468	61,465	371,825	1,522	1,677,330

¹ Includes Puerto Rico.

² Excludes purchase money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.

³ Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.

⁴ In order to eliminate interagency transactions, the amounts of these loans and discounts for regional agricultural credit corporations, production credit associations, and banks for cooperatives are excluded from the net total.

⁵ Excludes data for production credit associations in liquidation subsequent to the beginning of liquidation.

⁶ In accordance with Public Law 38, 81st Congress, the R.A.C.C. of Washington, D.C., was dissolved and as of April 16, 1949, its assets were transferred to the F.H.A.

TABLE 726.—Federal land banks: Number of national farm loan associations on Jan. 1, 1949; number and amount of Federal land bank and Land Bank Commissioner loans made during 1948, and number and amount of loans outstanding, Jan. 1, 1949¹

State and division	National farm loan associations, Jan. 1, 1949	Loans made during 1948 ²		Loans outstanding, Jan. 1, 1949			
		Federal land banks		Federal land banks		Land Bank Commissioner ³	
		Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars
Maine.....	7	94	326	1,276	2,391	594	499
New Hampshire.....	1	71	291	600	1,456	244	185
Vermont.....	8	283	1,278	1,644	5,072	503	392
Massachusetts.....	8	187	924	2,337	5,874	776	874
Rhode Island.....	1	27	200	310	936	87	133
Connecticut.....	4	108	709	1,634	4,932	546	705
New England.....	29	770	3,728	7,801	20,661	2,750	2,788
New York.....	28	844	4,053	9,755	25,978	2,955	2,665
New Jersey.....	7	193	1,084	2,448	7,705	995	1,269
Pennsylvania.....	12	433	1,815	5,244	11,073	1,144	1,003
Middle Atlantic.....	47	1,470	6,952	17,447	44,756	5,094	4,937
Ohio.....	31	651	3,251	6,926	16,257	1,188	965
Indiana.....	37	913	3,931	9,574	20,194	1,495	1,130
Illinois.....	48	1,125	7,644	10,648	49,927	1,469	1,789
Michigan.....	47	1,068	4,287	9,742	20,682	2,604	2,107
Wisconsin.....	42	1,297	5,789	10,974	31,286	3,750	4,533
East North Central.....	205	5,054	24,902	47,864	138,346	10,506	10,524
Minnesota.....	62	1,395	6,596	14,916	47,058	3,797	3,964
Iowa.....	82	1,792	13,374	18,012	80,965	1,680	2,215
Missouri.....	30	1,073	3,745	8,164	20,276	2,631	2,215
North Dakota.....	32	.....	.....	4,568	11,720	2,352	2,768
South Dakota.....	33	1,081	5,300	8,239	26,403	1,404	1,585
Nebraska.....	61	1,348	7,680	12,150	45,414	1,804	2,526
Kansas.....	49	1,051	4,692	9,308	28,181	2,253	2,164
West North Central.....	349	7,740	41,387	75,357	260,017	15,921	17,437
Delaware.....	1	24	126	188	499	74	58
Maryland.....	5	125	666	1,267	3,850	366	407
Virginia.....	13	187	754	3,805	8,451	661	622
West Virginia.....	4	82	366	2,020	3,488	414	355
North Carolina.....	22	1,140	3,220	7,155	13,092	2,726	1,778
South Carolina.....	20	595	1,642	5,023	8,624	2,218	1,477
Georgia.....	29	1,097	2,791	8,824	14,349	3,910	2,300
Florida.....	12	375	2,249	2,802	8,911	1,463	1,335
South Atlantic.....	106	3,625	11,814	31,084	61,264	11,832	8,332
Kentucky.....	25	386	1,705	4,241	9,624	1,172	845
Tennessee.....	21	527	1,944	5,364	9,618	1,435	905
Alabama.....	29	1,417	3,407	11,166	16,475	3,020	1,280
Mississippi.....	31	1,396	3,481	9,849	17,814	2,652	1,255
East South Central.....	106	3,726	10,537	30,620	53,531	8,279	4,285
Arkansas.....	21	739	2,205	5,610	10,189	1,535	1,082
Louisiana.....	25	450	1,700	5,176	11,494	1,260	870
Oklahoma.....	31	1,146	3,882	7,742	17,955	2,817	1,728
Texas.....	142	2,623	12,928	34,186	90,194	7,302	6,241
West South Central.....	219	4,958	20,715	62,714	129,832	12,914	9,921
Montana.....	19	366	2,030	3,288	10,674	1,247	1,525
Idaho.....	17	551	2,664	4,139	12,300	1,278	1,347
Wyoming.....	23	195	1,302	1,970	7,522	543	603
Colorado.....	17	533	2,625	4,342	14,110	1,456	1,310
New Mexico.....	11	204	1,154	1,999	5,552	572	520
Arizona.....	3	115	729	1,138	5,641	315	403
Utah.....	9	233	1,164	2,291	6,588	712	683
Nevada.....	1	16	122	211	1,334	66	87
Mountain.....	100	2,213	11,790	19,328	63,721	6,189	6,478

See footnotes at end of table.

TABLE 726.—Federal land banks: Number of national farm loan associations on Jan. 1, 1949; number and amount of Federal land bank and Land Bank Commissioner loans made during 1948 and number and amount of loans outstanding, Jan. 1, 1949¹—Continued

State and division	National farm loan associations, Jan. 1, 1949	Loans made during 1948 ²		Loans outstanding, Jan. 1, 1949			
		Federal land banks		Federal land banks		Land Bank Commissioner ²	
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>
Washington.....	19	458	2,243	4,314	12,324	1,165	1,177
Oregon.....	19	606	2,599	3,498	12,151	1,106	1,288
California.....	42	1,721	11,908	9,187	50,294	4,117	6,040
Pacific.....	80	2,685	16,750	16,999	74,769	6,388	8,505
United States.....	1,241	32,241	148,575	299,214	846,897	79,873	73,207
Puerto Rico.....		283	1,939	2,841	9,676	1,238	2,030
Total.....	1,241	32,524	150,514	302,055	856,573	81,111	75,237

¹ Excludes purchase money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.

² Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired on July 1, 1947, except for the limited purpose of refinancing loans previously made.

Farm Credit Administration.

TABLE 727.—Federal land banks: Amount of debt owed by farmers and secured by farm real estate, by States, Jan. 1, 1948 and 1949

State and division	Mortgages outstanding				Total debt	
	Mortgage loans		Purchase money mortgages, real estate sales contracts and notes receivable		1948	1949
	1948	1949	1948	1949	1948	1949
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2,634	2,391	421	291	3,055	2,682
New Hampshire.....	1,398	1,456	42	26	1,440	1,482
Vermont.....	4,589	5,072	63	43	4,652	5,115
Massachusetts.....	5,924	5,874	227	188	6,151	6,062
Rhode Island.....	931	936	6	4	937	940
Connecticut.....	4,974	4,932	43	33	5,017	4,965
New England.....	20,450	20,661	802	585	21,252	21,246
New York.....	26,087	25,978	859	667	26,946	26,645
New Jersey.....	8,016	7,705	155	118	8,171	7,823
Pennsylvania.....	10,927	11,073	389	294	11,316	11,367
Middle Atlantic.....	45,030	44,756	1,403	1,079	46,433	45,835
Ohio.....	16,469	16,257	245	193	16,714	16,450
Indiana.....	20,692	20,194	849	667	21,541	20,861
Illinois.....	53,227	49,927	499	398	53,726	50,325
Michigan.....	20,093	20,682	648	503	20,741	21,185
Wisconsin.....	31,656	31,286	1,562	1,134	33,218	32,420
East North Central.....	142,137	138,346	3,803	2,895	145,940	141,241
Minnesota.....	50,562	47,058	2,092	1,527	52,654	48,585
Iowa.....	83,827	80,965	929	720	84,756	81,685
Missouri.....	20,422	20,276	631	443	21,053	20,719
North Dakota.....	14,061	11,720	2,912	2,271	16,973	13,991
South Dakota.....	26,306	26,403	1,644	1,144	27,950	27,547
Nebraska.....	47,961	45,414	1,218	872	49,179	46,286
Kansas.....	29,913	28,181	890	599	30,803	28,780
West North Central.....	273,052	260,017	10,316	7,576	283,368	267,593
Delaware.....	462	499	6	4	468	503
Maryland.....	3,760	3,850	71	56	3,831	3,906
Virginia.....	8,910	8,451	194	138	9,104	8,589
West Virginia.....	3,651	3,488	117	93	3,768	3,581
North Carolina.....	11,818	13,092	327	279	12,145	13,371
South Carolina.....	8,276	8,624	379	296	8,655	8,920
Georgia.....	13,718	14,349	593	451	14,311	14,800
Florida.....	7,580	8,911	246	206	7,826	9,117
South Atlantic.....	58,175	61,264	1,933	1,523	60,108	62,787
Kentucky.....	9,899	9,624	220	179	10,119	9,803
Tennessee.....	9,532	9,618	113	97	9,645	9,715
Alabama.....	15,880	16,475	639	492	16,519	16,967
Mississippi.....	17,266	17,314	1,182	866	18,448	18,680
East South Central.....	52,577	53,531	2,154	1,634	54,731	55,165
Arkansas.....	9,874	10,189	427	337	10,301	10,526
Louisiana.....	11,580	11,494	427	322	12,007	11,816
Oklahoma.....	17,704	17,955	188	127	17,892	18,082
Texas.....	94,274	90,194	2,218	1,804	96,492	91,998
West South Central.....	133,432	129,832	3,260	2,590	136,692	132,422
Montana.....	10,408	10,674	557	405	10,965	11,079
Idaho.....	11,789	12,300	815	609	12,604	12,909
Wyoming.....	7,608	7,522	106	91	7,714	7,613
Colorado.....	14,240	14,110	431	291	14,671	14,401
New Mexico.....	5,552	5,552	26	17	5,578	5,569
Arizona.....	5,784	5,641	75	68	5,859	5,709
Utah.....	6,445	6,588	495	396	6,940	6,984
Nevada.....	1,477	1,334	129	100	1,606	1,434
Mountain.....	63,303	63,721	2,634	1,977	65,937	65,698
Washington.....	11,714	12,324	682	517	12,396	12,841
Oregon.....	12,049	12,151	442	364	12,491	12,455
California.....	48,722	50,294	613	497	49,335	50,791
Pacific.....	72,485	74,769	1,737	1,318	74,222	76,087
United States.....	860,641	846,897	28,042	21,177	888,932	868,155

¹ Includes loans in process of foreclosure, and loans in suspense, amounting to \$249,000 as of Jan. 1, 1948, and \$81,000 as of Jan. 1, 1949, which cannot be allocated by States.

Farm Credit Administration.

TABLE 728.—Federal Farm Mortgage Corporation: Amount of debt owed by farmers and secured by farm real estate, by States, Jan. 1, 1948 and 1949

State and division	Mortgages outstanding				Total debt	
	Mortgage loans ¹		Purchase money mortgages, real estate contracts and notes receivable			
	1948	1949	1948	1949	1948	1949
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	676	499	125	97	801	596
New Hampshire.....	257	185	26	19	283	204
Vermont.....	523	392	8	6	531	398
Massachusetts.....	1,176	874	127	109	1,303	983
Rhode Island.....	178	133	7	6	185	139
Connecticut.....	895	705	23	20	919	725
New England.....	3,706	2,788	316	257	4,022	3,045
New York.....	3,497	2,665	172	124	3,669	2,789
New Jersey.....	1,702	1,269	78	65	1,780	1,534
Pennsylvania.....	1,505	1,003	90	60	1,595	1,063
Middle Atlantic.....	6,704	4,937	340	249	7,044	5,186
Ohio.....	1,456	965	71	54	1,527	1,019
Indiana.....	1,683	1,130	110	82	1,793	1,212
Illinois.....	2,658	1,789	97	81	2,755	1,870
Michigan.....	2,812	2,107	143	111	2,955	2,218
Wisconsin.....	5,910	4,533	340	236	6,250	4,769
East North Central.....	14,519	10,524	761	564	15,280	11,088
Minnesota.....	5,250	3,964	446	333	5,696	4,297
Iowa.....	3,151	2,215	100	63	3,251	2,278
Missouri.....	3,000	2,215	72	57	3,072	2,272
North Dakota.....	3,539	2,768	955	758	4,494	3,526
South Dakota.....	2,214	1,585	265	214	2,479	1,799
Nebraska.....	3,538	2,526	331	263	3,869	2,789
Kansas.....	3,132	2,164	486	341	3,618	2,505
West North Central.....	23,824	17,437	2,655	2,029	26,479	19,466
Delaware.....	81	58	7	6	88	64
Maryland.....	585	407	69	45	654	452
Virginia.....	992	622	70	40	1,062	662
West Virginia.....	502	355	15	10	517	365
North Carolina.....	2,575	1,778	74	65	2,649	1,843
South Carolina.....	2,175	1,477	122	91	2,297	1,568
Georgia.....	3,520	2,300	179	140	3,699	2,440
Florida.....	1,829	1,335	161	136	1,990	1,471
South Atlantic.....	12,259	8,332	697	533	12,956	8,865
Kentucky.....	1,236	845	68	50	1,304	895
Tennessee.....	1,312	905	55	46	1,367	951
Alabama.....	1,851	1,280	63	42	1,894	1,322
Mississippi.....	1,844	1,255	75	51	1,919	1,306
East South Central.....	6,223	4,285	261	189	6,484	4,474
Arkansas.....	1,447	1,082	32	26	1,479	1,108
Louisiana.....	1,153	870	22	17	1,175	887
Oklahoma.....	2,510	1,728	96	60	2,606	1,788
Texas.....	8,469	6,241	302	236	8,771	6,477
West South Central.....	13,579	9,921	452	339	14,031	10,260
Montana.....	1,997	1,525	57	43	2,054	1,568
Idaho.....	1,767	1,347	102	68	1,869	1,415
Wyoming.....	842	603	62	49	904	652
Colorado.....	1,837	1,310	83	59	1,920	1,369
New Mexico.....	741	520	1	1	742	521
Arizona.....	524	403	3	3	527	406
Utah.....	865	683	56	45	921	728
Nevada.....	117	87	2	1	119	88
Mountain.....	8,690	6,478	366	269	9,056	6,747
Washington.....	1,464	1,177	56	44	1,520	1,221
Oregon.....	1,740	1,288	42	30	1,782	1,318
California.....	8,124	6,040	191	136	8,315	6,176
Pacific.....	11,328	8,505	289	210	11,617	8,715
United States.....	100,832	73,207	6,137	4,639	107,066	77,920

¹ Represents loans made by the Land Bank Commissioner on behalf of the Federal Farm Mortgage Corporation. The authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made.

² Includes loans in process of foreclosure and loans in suspense, amounting to \$97,000 as of Jan. 1, 1948, and \$74,000 as of Jan. 1, 1949, which cannot be allocated by States.

Farm Credit Administration.

TABLE 729.—Federal land bank and Land Bank Commissioner loans: Number "delinquent and/or extended" as a percentage of number outstanding, by States, Jan. 1, 1946-49¹

State and division	Federal land bank loans				Land Bank Commissioner loans ²			
	1946	1947	1948	1949	1946	1947	1948	1949
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Maine.....	13.0	14.8	8.9	4.7	15.7	16.4	11.9	9.3
New Hampshire.....	7.8	7.8	8.7	6.3	12.0	11.8	15.9	11.1
Vermont.....	7.3	8.0	9.6	8.0	9.0	9.6	14.4	14.1
Massachusetts.....	3.8	4.0	3.9	3.6	7.2	7.2	8.1	7.1
Rhode Island.....	5.1	3.4	5.5	3.9	8.2	10.3	13.0	10.3
Connecticut.....	4.5	5.0	6.2	5.4	7.5	9.9	11.5	8.2
New England.....	6.6	7.2	6.8	5.3	9.6	10.7	11.6	9.5
New York.....	6.0	5.5	6.2	4.9	7.9	8.2	9.5	8.3
New Jersey.....	5.2	5.9	6.4	5.6	7.4	10.1	10.3	9.5
Pennsylvania.....	7.5	4.6	4.2	3.6	6.9	4.9	5.1	5.4
Middle Atlantic.....	6.3	5.3	5.6	4.6	7.5	7.7	8.6	7.9
Ohio.....	2.8	2.7	2.7	2.5	4.7	4.3	6.9	6.2
Indiana.....	2.1	1.8	1.9	2.1	2.9	2.8	3.7	4.1
Illinois.....	3.8	1.7	1.9	2.3	9.2	4.1	4.9	6.0
Michigan.....	4.3	3.4	4.1	4.7	7.2	6.1	7.8	8.9
Wisconsin.....	4.4	3.2	4.1	5.0	9.2	6.4	8.2	10.1
East North Central.....	3.5	2.5	2.9	3.4	7.0	5.1	6.8	7.9
Minnesota.....	3.3	2.4	2.7	3.2	6.6	4.7	5.2	6.0
Iowa.....	3.2	2.0	1.8	1.3	10.1	5.6	5.0	3.7
Missouri.....	4.1	2.3	2.3	2.3	5.5	3.3	3.9	3.6
North Dakota.....	6.4	3.4	3.5	4.2	10.0	5.1	4.4	4.9
South Dakota.....	3.1	2.0	1.6	1.5	7.4	4.9	4.0	4.3
Nebraska.....	6.9	3.1	1.8	1.8	15.2	7.7	4.3	4.5
Kansas.....	3.8	2.9	2.3	2.5	7.4	6.9	6.3	7.1
West North Central.....	4.2	2.5	2.2	2.2	8.5	5.4	4.8	5.0
Delaware.....	2.0	0.5	0.5	3.2	2.8	0.9	1.1	6.8
Maryland.....	5.7	2.6	2.6	3.8	8.6	4.0	4.6	7.4
Virginia.....	7.1	5.7	5.6	6.2	7.2	6.0	6.4	8.5
West Virginia.....	5.9	4.7	4.6	4.7	6.6	7.1	6.4	7.0
North Carolina.....	11.4	13.4	12.5	11.7	13.4	15.5	16.7	18.2
South Carolina.....	16.9	14.5	15.6	14.7	19.2	17.9	22.4	23.3
Georgia.....	11.8	12.2	12.8	13.0	12.5	14.9	17.9	18.2
Florida.....	4.7	5.1	5.9	6.5	6.2	6.7	8.3	11.4
South Atlantic.....	10.3	10.2	10.6	10.6	12.6	13.4	15.8	17.0
Kentucky.....	5.0	4.3	3.7	4.0	6.0	5.2	5.6	5.5
Tennessee.....	6.2	5.0	4.8	5.0	6.8	6.5	6.4	6.5
Alabama.....	9.9	2.7	8.9	7.9	9.9	13.3	10.9	11.9
Mississippi.....	12.8	5.2	11.1	8.3	14.0	21.3	16.4	14.0
East South Central.....	9.1	4.1	8.1	7.0	9.8	13.2	11.2	10.7
Arkansas.....	6.3	4.1	3.4	3.4	8.5	5.3	5.5	5.0
Louisiana.....	14.2	14.1	12.6	11.7	16.6	19.0	15.0	15.5
Oklahoma.....	5.6	4.6	3.6	2.9	7.9	6.8	7.1	6.1
Texas.....	3.3	0.2	0.2	0.2	7.3	4.0	2.1	3.8
West South Central.....	4.9	2.5	2.2	2.1	8.4	6.3	5.0	5.6
Montana.....	8.7	6.6	5.8	6.6	10.5	10.4	8.1	14.0
Idaho.....	6.9	6.0	4.9	6.7	9.9	9.6	7.4	12.0
Wyoming.....	7.7	5.2	4.4	4.5	12.5	9.8	8.0	6.8
Colorado.....	8.4	6.2	4.6	6.2	10.9	8.8	6.8	10.0
New Mexico.....	6.3	6.2	6.9	5.6	10.8	8.7	11.3	7.3
Arizona.....	7.4	7.1	6.1	8.2	10.0	7.9	7.9	15.2
Utah.....	8.3	6.5	6.5	7.0	11.3	9.6	9.4	11.1
Nevada.....	6.3	4.0	3.4	2.8	7.8	6.7	6.0	6.1
Mountain.....	7.7	6.2	5.4	6.3	10.8	9.4	8.0	11.1
Washington.....	5.9	5.8	6.4	7.7	7.3	8.0	9.3	13.9
Oregon.....	4.1	4.0	3.9	5.1	6.5	5.4	5.9	9.8
California.....	3.2	2.6	3.2	4.1	4.7	4.3	5.6	7.7
Pacific.....	4.1	3.7	4.2	5.2	5.4	5.1	6.3	9.2
United States.....	5.6	3.9	4.4	4.4	8.9	8.2	8.3	9.0

¹ Continental United States only. Includes extensions and deferments authorized by amendments to Federal Farm Loan Act. Excludes purchase-money mortgages, sales contracts, loans in suspense, and loans in process of foreclosure.

² Land Bank Commissioner loans are made on behalf of the Federal Farm Mortgage Corporation, Farm Credit Administration.

TABLE 730.—*Production credit associations: Number of associations and number wholly farmer owned, Jan. 1, 1949; loans made during 1948, and loans outstanding on specified dates, 1947-49, by States*

State and division	Production credit associations, Jan. 1, 1949		Loans made ²		Loans outstanding				
	Total ¹	Number wholly farmer owned	1948		1947		1948		1949
			Jan. 1- June 30	July 1- Dec. 31	Jan. 1 ³	July 1 ⁴	Jan. 1	July 1	Jan. 1
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	7	1	2,913	2,721	1,467	2,438	2,449	2,873	2,336
New Hampshire.....	1	1	487	396	412	542	528	557	497
Vermont.....	3	1	3,121	3,108	2,286	2,664	2,964	3,593	3,604
Massachusetts.....	4	1	1,910	1,242	1,286	1,850	1,555	2,080	1,598
Rhode Island.....	1	1	342	273	214	297	276	357	331
Connecticut.....	1	1	2,362	2,057	1,657	2,123	2,333	2,299	2,595
New England.....	17	4	11,035	9,797	7,322	9,914	10,105	11,759	10,761
New York.....	14	1	17,185	14,065	11,944	16,097	15,324	19,803	17,556
New Jersey.....	4	1	3,320	2,091	1,729	3,094	2,459	3,918	2,839
Pennsylvania.....	11	1	8,362	5,871	5,600	7,344	7,306	9,128	8,859
Middle Atlantic.....	29	1	28,867	22,027	19,273	26,535	25,089	32,849	29,254
Ohio.....	11	1	15,455	14,126	9,271	11,848	12,629	16,122	16,680
Indiana.....	10	1	20,311	16,625	10,218	13,397	13,868	18,225	18,330
Illinois.....	18	2	22,973	22,387	11,936	13,651	14,929	18,579	20,953
Michigan.....	11	1	5,461	4,214	2,824	4,009	4,243	5,808	5,337
Wisconsin.....	17	2	10,370	8,672	5,810	7,439	7,731	10,005	10,070
East North Central.....	67	4	74,570	66,024	40,059	50,344	53,400	68,739	71,380
Minnesota.....	21	1	11,714	12,308	6,482	7,491	7,965	9,581	10,252
Iowa.....	16	3	15,075	16,542	7,361	6,643	8,382	10,045	12,357
Missouri.....	13	1	15,561	16,281	9,081	10,309	9,404	14,014	12,466
North Dakota.....	5	1	3,314	3,076	1,719	2,918	2,009	3,514	2,652
South Dakota.....	9	2	5,363	7,073	3,249	3,597	3,736	4,992	5,115
Nebraska.....	14	1	8,708	10,959	4,411	4,678	6,184	7,208	7,917
Kansas.....	14	1	9,896	12,183	4,493	5,510	6,353	8,283	9,799
West North Central.....	92	6	69,631	78,422	35,796	41,146	44,033	57,637	60,558
Delaware.....	1	1	870	636	452	704	625	979	937
Maryland.....	6	1	4,078	4,794	2,868	3,735	3,513	4,979	4,783
Virginia.....	13	4	4,894	3,670	2,775	4,708	3,695	5,982	4,817
West Virginia.....	4	1	908	1,100	968	1,269	1,290	1,426	1,369
North Carolina.....	27	1	16,394	5,927	4,093	16,553	5,279	18,207	6,236
South Carolina.....	22	1	9,834	2,811	1,968	8,500	2,961	10,802	3,369
Georgia.....	31	1	16,076	6,506	5,715	15,183	7,225	18,305	8,190
Florida.....	10	1	5,017	8,009	6,220	5,437	7,622	6,421	8,487
South Atlantic.....	114	1	58,071	33,453	25,059	56,089	32,210	67,101	38,188
Kentucky.....	10	1	7,998	6,498	5,232	6,269	6,617	9,139	8,706
Tennessee.....	9	1	6,655	4,855	3,421	5,398	4,809	7,853	6,385
Alabama.....	8	1	8,256	4,202	3,219	7,418	3,581	9,135	3,606
Mississippi.....	10	1	19,000	12,222	7,264	17,304	5,560	20,415	6,529
East South Central.....	37	1	41,909	27,777	19,136	36,389	20,567	46,542	25,226
Arkansas.....	14	1	14,700	7,031	2,965	11,115	3,398	14,893	4,851
Louisiana.....	8	1	11,396	6,734	3,609	10,224	3,719	12,730	5,734
Oklahoma.....	16	1	8,798	11,358	4,627	6,179	6,343	8,981	8,395
Texas.....	34	15	59,864	60,066	28,812	41,025	31,191	48,364	37,631
West South Central.....	72	16	94,758	85,189	40,013	68,543	44,651	84,968	56,611
Montana.....	11	1	13,558	14,826	4,250	8,530	6,377	13,461	9,468
Idaho.....	5	2	11,648	12,465	4,382	7,665	7,413	10,651	8,565
Wyoming.....	1	1	3,743	4,608	2,436	4,009	3,129	4,392	3,574
Colorado.....	8	1	14,576	14,556	6,370	8,232	8,167	11,974	11,318
New Mexico.....	5	1	5,336	5,484	2,068	3,134	2,975	5,038	3,774
Arizona.....	2	1	3,766	4,599	2,565	1,915	2,714	2,796	3,138
Utah.....	2	1	4,105	5,176	2,057	3,194	2,612	3,621	3,496
Nevada.....	1	1	1,594	2,085	570	801	798	1,256	918
Mountain.....	35	8	58,326	63,799	24,698	37,480	34,185	53,189	44,251

See footnotes at end of table.

TABLE 730.—*Production credit associations: Number of associations and number wholly farmer owned, Jan. 1, 1949; loans made during 1948, and loans outstanding on specified dates, 1947-49, by States—Continued*

State and division	Production credit associations, Jan. 1, 1949		Loans made ²		Loans outstanding				
	Total ¹	Number wholly farmer owned	1948		1947		1948		1949
			Jan. 1- June 30	July 1- Dec. 31	Jan. 1 ³	July 1 ³	Jan. 1	July 1	Jan. 1
	Num- ber	Num- ber	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Washington.....	6	.....	4,815	4,631	2,727	4,252	3,253	4,645	3,129
Oregon.....	8	2	11,902	13,089	4,870	8,110	6,414	10,553	10,004
California.....	25	.....	25,535	32,184	11,069	18,478	15,170	21,361	17,460
Pacific.....	39	11	42,252	49,904	18,666	30,840	24,837	36,559	30,593
United States.....	502	52	479,419	436,392	230,022	357,280	289,077	459,343	366,822
Puerto Rico.....	1	.....	5,192	3,311	3,885	4,725	4,531	5,488	5,003

¹ Excludes one association in liquidation in the State of Washington.

² Includes renewals.

³ Excludes data for associations in liquidation; there were outstanding \$3,000 in loans in the State of Washington.

Farm Credit Administration.

TABLE 731.—*Federal intermediate credit banks: Loans and discounts made, 1939-48, and outstanding Jan. 1, 1939-49, by type of borrowing institution ¹*

OUTSTANDING JAN. 1

Year	Production credit associations	Banks for cooperatives	Direct loans to cooperative associations	Others ²	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1939.....	141,965	25,045	920	32,611	200,541
1940.....	146,323	17,560	1,835	32,316	198,034
1941.....	169,565	15,554	1,490	33,116	219,725
1942.....	191,718	31,582	2,152	37,939	263,391
1943.....	194,564	76,160	2,000	38,182	310,906
1944.....	202,848	103,685	2,000	34,137	342,670
1945.....	198,754	65,003	700	29,966	294,423
1946.....	197,333	40,518	2,042	26,487	266,380
1947.....	231,285	41,538	4,151	31,701	308,675
1948.....	285,349	44,534	4,000	37,915	371,798
1949.....	354,708	66,131	4,709	55,750	481,298

MADE DURING YEAR

1939.....	350,101	28,880	4,156	85,382	468,519
1940.....	384,017	31,061	4,593	87,314	506,985
1941.....	465,347	68,608	5,651	100,697	640,303
1942.....	532,338	159,055	9,397	106,881	807,671
1943.....	599,807	222,782	5,000	91,790	919,379
1944.....	644,022	142,628	3,402	79,266	869,318
1945.....	656,560	93,481	4,032	73,039	827,112
1946.....	796,614	118,946	11,579	84,892	1,012,031
1947.....	981,939	134,555	14,128	107,545	1,238,167
1948.....	1,183,198	162,115	13,639	157,611	1,516,563

¹ Excluding all Puerto Rican loans made and outstanding.

² Privately capitalized financing institutions.

Farm Credit Administration.

TABLE 732.—Loans to farmers' cooperative organizations: Amounts held by agencies supervised by the Farm Credit Administration, classified by type of loan, Jan. 1, 1940-49¹

Year	Federal intermed-iate credit banks	Banks for cooperatives				Agricultural Marketing Act revolving fund	
	Commod-ity loans	Secured by CCC docu-ments ²	Commod-ity loans	Operating capital loans	Facility loans	Operating capital loans	Facility loans
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1940.....	1,835	-----	20,598	32,288	22,957	15,523	5,024
1941.....	1,490	-----	17,716	35,322	21,367	12,167	4,294
1942.....	2,152	-----	37,036	51,979	23,677	12,801	4,113
1943.....	2,000	-----	67,048	54,450	22,855	11,700	851
1944.....	2,000	88,637	55,467	70,132	20,832	7,065	586
1945.....	700	91,040	35,631	64,438	21,364	2,863	204
1946.....	2,042	28,500	37,096	67,545	23,959	2,488	204
1947.....	4,151	5,389	39,690	98,147	34,735	2,028	204
1948.....	4,000	7,947	48,158	150,235	66,946	2,398	204
1949.....	4,709	164	43,342	173,068	87,423	1,250	65

¹ Excludes Puerto Rico. ² Commodity Credit Corporation. Farm Credit Administration.

TABLE 733.—Regional Agricultural Credit Corporation of Washington, D. C.: Loans and advances outstanding Jan. 1, 1948 and 1949, by States¹

State and division	Loans and advances outstanding				State and division	Loans and advances outstanding			
	Jan. 1, 1948		Jan. 1, 1949			Jan. 1, 1948		Jan. 1, 1949	
	Num-ber	1,000 dollars	Num-ber	1,000 dollars		Num-ber	1,000 dollars	Num-ber	1,000 dollars
Maine.....	26	13	11	7	Kentucky.....	38	10	25	3
New Hampshire.....	8	4	4	1	Tennessee.....	82	20	66	15
Vermont.....	6	2	2	(3)	Alabama.....	31	9	18	3
Massachusetts.....	5	2	1	(3)	Mississippi.....	49	10	38	9
Rhode Island.....	3	2	2	(3)	East South Central.....	200	49	147	28
Connecticut.....	3	2	2	1	Arkansas.....	193	47	157	37
New England.....	51	25	21	9	Louisiana.....	64	12	52	10
New York.....	102	58	59	36	Oklahoma.....	933	244	907	230
New Jersey.....	5	2	3	2	Texas.....	192	72	160	56
Pennsylvania.....	120	53	85	32	West South Central.....	1,382	375	1,276	333
Middle Atlantic.....	227	113	147	70	Montana.....	19	11	13	9
Ohio.....	31	20	25	9	Idaho.....	21	9	20	9
Indiana.....	48	16	32	11	Wyoming.....	29	31	23	27
Illinois.....	29	9	22	7	Colorado.....	77	63	74	35
Michigan.....	130	31	103	82	New Mexico.....	86	70	81	58
Wisconsin.....	77	21	66	19	Arizona.....	2	1	2	1
East North Central.....	315	97	248	128	Utah.....	15	17	13	4
Minnesota.....	285	70	240	53	Nevada.....	0	0	-----	-----
Iowa.....	75	25	52	13	Mountain.....	249	202	226	143
Missouri.....	166	40	138	36	Washington.....	132	349	128	320
North Dakota.....	254	68	210	54	Oregon.....	18	24	17	14
South Dakota.....	144	36	111	28	California.....	38	65	29	38
Nebraska.....	114	44	78	29	Pacific.....	188	438	174	372
Kansas.....	169	78	151	68	United States.....	4,190	31,862	3,524	41,522
West North Central.....	1,207	361	980	281					
Delaware.....	5	1	4	1					
Maryland.....	52	34	45	29					
Virginia.....	89	41	75	37					
West Virginia.....	14	3	10	2					
North Carolina.....	47	15	37	7					
South Carolina.....	26	13	18	6					
Georgia.....	101	63	81	46					
Florida.....	37	28	35	27					
South Atlantic.....	371	198	305	155					

¹ In accordance with Public Law 38, 81st Congress, the R.A.C.C. of Washington, D.C., was dissolved and, as of April 16, 1949, its assets were transferred to the F.H.A.

² Less than \$500.

³ Includes \$4,000 which cannot be allocated by States.

Farm Credit Administration.

TABLE 734.—Farmers Home Administration: Real estate loans made to individuals and loans outstanding, 1938-49, United States and Territories ¹

Year	Direct loans ²			Insured loans		
	New borrowers	Amount of loans ³	Amount outstanding, Jan. 1 ⁴	New borrowers	Amount of loans	Amount outstanding, Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1938.....	2,028	10,275	-----	-----	-----	-----
1939.....	4,622	26,576	10,275	-----	-----	-----
1940.....	7,023	39,713	32,301	-----	-----	-----
1941.....	11,692	60,667	66,286	-----	-----	-----
1942.....	7,680	35,695	116,610	-----	-----	-----
1943.....	5,291	33,575	160,258	-----	-----	-----
1944.....	⁵ 7,617	⁵ 37,718	174,946	-----	-----	-----
1945.....	2,650	17,059	⁵ 196,815	-----	-----	-----
1946.....	6,735	47,149	185,060	-----	-----	-----
1947.....	3,538	27,760	192,620	-----	-----	-----
1948.....	2,594	19,675	198,279	⁶ 660	⁶ 4,701	-----
1949.....	-----	-----	192,506	-----	-----	⁷ 4,637

¹ Data represent activity for Farmers Home Administration and its predecessor agency.

² Includes tenant purchase, farm enlargement, farm development (special real estate), and project liquidation loans. Loans from Corporation trust funds and farm development loans from "Loans, grants, and rural rehabilitation" funds are included.

³ Amount advanced for project liquidation loans and obligated for all other types of loans. Includes supplemental loans to borrowers who received an initial loan in a prior year.

⁴ Loan advances less principal repayments.

⁵ Includes project liquidation loans advanced from inception of program through 1944.

⁶ Loans obligated from beginning of insured loan program in October 1947 through December 1948.

⁷ Amount obligated less principal repayments.

Farmers Home Administration.

TABLE 735.—Farmers Home Administration: Real estate loans made to individuals during 1947 and 1948, and loans outstanding Jan. 1, 1948 and 1949, by States

State and division	Direct loans ¹				Insured loans	
	Amount of loans ²		Amount outstanding, Jan. 1 ³		Amount of loans, Oct. 1947 through Dec. 1948 ⁴	Amount outstanding, Jan. 1, 1949 ⁵
	1947	1948	1948	1949	Dollars	Dollars
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	193, 472	96, 960	656, 901	676, 789	0	0
New Hampshire.....	35, 720	20, 635	133, 895	145, 970	0	0
Vermont.....	137, 062	140, 581	582, 154	625, 619	0	0
Massachusetts.....	149, 124	91, 235	432, 639	489, 504	0	0
Rhode Island.....	10, 900	18, 875	14, 286	32, 224	0	0
Connecticut.....	94, 915	27, 940	241, 143	225, 060	0	0
New England.....	621, 193	396, 226	2, 061, 018	2, 195, 166	0	0
New York.....	403, 675	195, 078	2, 972, 196	2, 887, 575	75, 783	75, 585
New Jersey.....	321, 514	309, 175	1, 316, 492	1, 459, 199	79, 717	79, 715
Pennsylvania.....	370, 746	294, 520	3, 613, 030	3, 454, 428	68, 600	68, 194
Middle Atlantic.....	1, 095, 935	798, 773	7, 901, 718	7, 801, 202	224, 100	223, 494
Ohio.....	706, 930	424, 615	3, 970, 032	3, 745, 531	41, 230	40, 422
Indiana.....	505, 608	272, 936	3, 684, 788	3, 324, 128	130, 556	129, 921
Illinois.....	325, 155	140, 175	3, 794, 280	3, 255, 619	86, 897	86, 119
Michigan.....	435, 520	360, 330	3, 170, 074	3, 255, 164	346, 775	345, 791
Wisconsin.....	347, 710	470, 575	4, 106, 251	3, 886, 901	449, 514	443, 433
East North Central.....	2, 320, 823	1, 668, 631	18, 725, 425	17, 447, 343	1, 054, 972	1, 045, 686
Minnesota.....	583, 040	653, 415	6, 245, 840	5, 853, 364	389, 206	379, 786
Iowa.....	263, 970	437, 125	3, 579, 472	3, 211, 862	164, 385	162, 924
Missouri.....	1, 310, 555	1, 060, 490	7, 614, 185	7, 788, 192	516, 733	514, 092
North Dakota.....	385, 338	171, 855	2, 687, 028	2, 448, 061	206, 066	203, 247
South Dakota.....	258, 092	208, 065	2, 603, 063	2, 297, 040	130, 079	129, 046
Nebraska.....	629, 308	362, 690	3, 520, 008	3, 262, 393	172, 205	171, 965
Kansas.....	658, 295	834, 387	4, 591, 162	4, 824, 927	632, 509	623, 686
West North Central.....	4, 094, 598	3, 728, 027	30, 840, 758	29, 685, 839	2, 211, 183	2, 184, 746
Delaware.....	26, 700	14, 675	322, 170	316, 076	7, 200	6, 975
Maryland.....	177, 198	150, 265	1, 365, 171	1, 421, 577	116, 187	115, 843
Virginia.....	320, 537	313, 136	2, 729, 629	2, 681, 656	34, 431	29, 112
West Virginia.....	150, 400	164, 457	1, 578, 350	1, 498, 754	34, 815	34, 778
North Carolina.....	929, 554	918, 810	7, 006, 317	6, 737, 480	103, 760	99, 963
South Carolina.....	390, 483	497, 232	6, 715, 066	6, 480, 498	0	0
Georgia.....	1, 361, 123	1, 002, 818	12, 083, 213	11, 782, 921	159, 043	154, 092
Florida.....	428, 273	207, 164	1, 864, 256	1, 905, 318	9, 075	8, 150
South Atlantic.....	3, 784, 268	3, 268, 557	33, 664, 172	32, 824, 280	464, 511	448, 913
Kentucky.....	331, 701	320, 177	3, 601, 266	3, 267, 587	102, 693	100, 456
Tennessee.....	702, 280	693, 487	5, 500, 052	5, 359, 661	0	0
Alabama.....	1, 244, 363	979, 224	9, 554, 027	9, 353, 219	188, 119	184, 686
Mississippi.....	2, 608, 603	1, 378, 785	16, 118, 635	16, 499, 066	49, 225	48, 275
East South Central.....	4, 886, 947	3, 371, 673	34, 773, 980	34, 479, 533	340, 037	333, 417
Arkansas.....	1, 804, 290	799, 674	11, 147, 164	10, 707, 122	36, 590	35, 422
Louisiana.....	787, 618	297, 575	7, 208, 236	6, 569, 352	9, 510	9, 510
Oklahoma.....	1, 557, 332	1, 003, 279	10, 143, 810	9, 577, 222	48, 937	47, 687
Texas.....	3, 783, 789	1, 637, 315	22, 745, 648	20, 805, 651	202, 080	199, 880
West South Central.....	7, 933, 029	3, 737, 843	51, 244, 858	47, 659, 347	297, 117	292, 499
Montana.....	220, 780	125, 130	2, 930, 350	2, 809, 715	14, 510	14, 510
Idaho.....	270, 693	391, 554	1, 645, 808	1, 961, 201	0	0
Wyoming.....	188, 885	138, 659	1, 075, 258	1, 144, 739	0	0
Colorado.....	298, 516	97, 310	2, 133, 218	1, 891, 920	37, 070	36, 452
New Mexico.....	290, 143	150, 755	1, 300, 388	1, 291, 957	0	0
Arizona.....	68, 850	143, 795	322, 889	715, 750	10, 600	10, 600
Utah.....	555, 505	562, 971	1, 501, 299	1, 991, 488	16, 200	16, 200
Nevada.....	96, 400	43, 800	173, 345	209, 898	0	0
Mountain.....	1, 989, 772	1, 653, 974	11, 082, 555	12, 016, 668	78, 380	77, 762

See footnotes at end of table.

TABLE 735.—Farmers Home Administration: Real estate loans made to individuals during 1947 and 1948, and loans outstanding Jan. 1, 1948 and 1949, by States—Continued

State and division	Direct loans ¹				Insured loans	
	Amount of loans ²		Amount outstanding, Jan. 1 ³		Amount of loans, Oct. 1947 through Dec. 1948 ⁴	Amount outstanding, Jan. 1, 1949 ⁵
	1947	1948	1948	1949		
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Washington.....	217,735	237,093	1,315,760	1,353,344	10,800	10,800
Oregon.....	298,761	161,214	1,652,850	1,578,594	9,000	8,985
California.....	281,506	207,190	1,805,583	1,851,327	10,775	10,775
Pacific.....	798,002	605,497	4,774,193	4,783,265	30,575	30,560
United States.....	27,524,567	19,229,201	195,068,677	188,892,643	4,700,875	4,637,077
Hawaii.....	0	352,506	460,019	727,605	0	0
Alaska.....	6,750	25,550	16,971	49,235	0	0
Puerto Rico.....	228,652	68,036	2,732,881	2,836,394	0	0
Total.....	27,759,969	19,675,383	198,278,548	192,505,877	4,700,875	4,637,077

¹ Includes tenant purchase, farm enlargement, farm development, and project liquidation loans.

² Amount advanced for project liquidation loans and obligated for all other types of loans.

³ Loan advances less principal repayments. Includes amounts outstanding on loans made by Farmers Home Administration's predecessor agency and on loans made from Corporation trust funds.

⁴ Amount obligated.

⁵ Amount obligated less principal repayments.

Farmers Home Administration.

TABLE 736.—Farmers Home Administration: Status of the average active tenant purchase borrower, United States and Territories, 1947 ¹

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number	35,868	Gross family income.....	Dollars	4,615
Size of farm.....	Acres	141	Cash farm income.....	do	3,611
Land in crops.....	do	79	Non farm income.....	do	446
Net worth, end of year.....	Dollars	6,220	Value of farm-produced food and fuel.....	do	558
Net worth, beginning of year.....	do	5,013	Cash family-living expenses.....	do	978
			Farm operating expenses.....	do	1,692

¹ Data are based on a sample of all tenant purchase borrowers in 1947.

Farmers Home Administration.

TABLE 737.—Farmers Home Administration: Non-real-estate loans to individuals, loans to cooperative associations, and grants made, 1938-48, and loans outstanding on Jan. 1, 1938-49, United States and Territories ¹

Year	Loans to individuals				Loans to cooperative associations and defense relocation corporations ²		Amount of grants
	Production and subsistence and rural rehabilitation ²		Emergency crop and feed		Amount	Balance outstanding, Jan. 1	
	Amount	Balance outstanding, Jan. 1	Amount	Balance outstanding, Jan. 1			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
1938.....	80,292	118,017	19,648	172,701	402	3,668	25,784
1939.....	109,037	169,150	15,079	171,489	2,803	4,023	20,409
1940.....	4 92,274	242,547	19,517	168,329	3,410	6,721	22,961
1941.....	4 104,151	4 287,090	18,346	168,438	10,411	9,978	14,694
1942.....	4 164,041	4 317,947	19,687	164,974	9,027	20,114	10,580
1943.....	4 125,547	4 369,102	18,697	156,676	2,676	28,490	1,065
1944.....	4 65,792	4 345,412	18,439	147,650	246	28,913	366
1945.....	4 73,961	4 306,645	16,465	139,541	4 208	25,150	211
1946.....	4 110,026	4 282,828	16,972	130,505	4 165	4 17,238	146
1947.....	4 95,458	4 286,321		118,120	101	4 12,195	
1948.....	87,943	4 268,972		106,189	214	4 10,205	
1949.....		257,317		90,240		8,847	

¹ Data represent activity for Farmers Home Administration and its predecessor agencies.

² Includes loans from Corporation trust funds, water facilities loans, flood damage loans, construction loans, wartime adjustment loans, and flood and windstorm loans.

³ Includes loans from Corporation trust funds and loans to water facilities associations.

⁴ Revised.

Farmers Home Administration.

TABLE 738.—Farmers Home Administration: Status of the average active non-real-estate adjustment loan borrower, United States and Territories, 1947 ¹

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number	195,751	Cash family living expenses.....	Dollars.....	726
Size of farm.....	Acres.....	149	Farm operating expenses.....	do.....	990
Land in crops.....	do.....	69	Present tenure:		
Value of working capital, end of year.....	Dollars.....	2,922	Owner and part-owner.....	Percent.....	49
Total assets, end of year.....	do.....	5,114	Tenant.....	do.....	51
Total liabilities, end of year.....	do.....	1,799			
Net worth, end of year.....	do.....	3,315			
Gross family income.....	do.....	2,782			
Cash farm income.....	do.....	1,922			
Non farm income.....	do.....	436			
Value of farm-produced food and fuel used by the family.....	do.....	424			

¹ Data based on a sample of all active non-real-estate adjustment loan borrowers receiving supervision in 1947.

Farmers Home Administration.

TABLE 739.—Farmers Home Administration: Non-real-estate loans made to individuals in 1948, and loans outstanding Jan. 1, 1949, by States

State and division	Production and subsistence and rural rehabilitation loans		Emergency crop and feed loans	State and division	Production and subsistence and rural rehabilitation loans		Emergency crop and feed loans
	Amount of loans, 1948 ¹	Outstanding Jan. 1, 1949 ^{2,3}	Outstanding Jan. 1, 1949 ⁴		Amount of loans, 1948 ¹	Outstanding Jan. 1, 1949 ^{2,3}	Outstanding Jan. 1, 1949 ⁴
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,037	3,119	469	Kentucky.....	1,659	3,589	356
New Hampshire.....	219	1,008	29	Tennessee.....	1,691	2,729	620
Vermont.....	373	1,118	46	Alabama.....	2,847	11,835	1,387
Massachusetts.....	119	537	32	Mississippi.....	3,703	11,607	1,446
Rhode Island.....	25	102	0	East South Central.....	9,900	29,760	3,809
Connecticut.....	36	193	18	Arkansas.....	4,745	11,028	2,982
New England.....	1,809	6,077	594	Louisiana.....	2,662	7,021	1,606
New York.....	1,420	6,002	152	Oklahoma.....	5,162	13,449	1,459
New Jersey.....	540	2,063	62	Texas.....	8,844	23,720	6,089
Pennsylvania.....	1,511	4,781	314	West South Central.....	21,413	55,218	12,136
Middle Atlantic.....	3,471	12,846	528	Montana.....	2,301	5,806	5,483
Ohio.....	985	4,233	225	Idaho.....	2,352	4,742	690
Indiana.....	805	2,966	177	Wyoming.....	1,701	4,353	696
Illinois.....	1,656	5,184	266	Colorado.....	2,107	6,706	1,882
Michigan.....	1,766	6,882	407	New Mexico.....	1,172	3,869	1,645
Wisconsin.....	2,052	5,785	702	Arizona.....	272	993	162
East North Central.....	7,264	25,050	1,777	Utah.....	872	2,938	362
Minnesota.....	2,291	7,581	3,525	Nevada.....	127	501	46
Iowa.....	1,706	4,915	137	Mountain.....	10,904	29,908	10,966
Missouri.....	2,978	8,315	1,294	Washington.....	1,369	4,903	1,923
North Dakota.....	1,574	4,564	25,652	Oregon.....	1,054	2,934	1,029
South Dakota.....	1,601	7,822	11,857	California.....	1,650	6,846	1,742
Nebraska.....	1,064	5,715	2,545	Pacific.....	4,073	14,683	4,694
Kansas.....	1,483	6,360	3,078	United States.....	86,095	253,968	90,048
West North Central.....	12,697	45,272	48,088	Hawaii.....	135	280	1
Delaware.....	54	322	37	Alaska.....	15	86	9
Maryland.....	571	1,990	287	Puerto Rico.....	1,662	2,912	182
Virginia.....	894	2,391	1,321	Virgin Islands.....	36	71	0
West Virginia.....	497	1,499	166	Territories.....	1,848	3,349	192
North Carolina.....	4,864	5,024	905	Total.....	87,943	257,317	90,240
South Carolina.....	2,955	6,801	1,732				
Georgia.....	3,567	11,932	1,916				
Florida.....	1,162	5,195	1,092				
South Atlantic.....	14,564	35,154	7,456				

¹ Production and subsistence loans from Farmers Home Administration funds and Corporation trust funds, water facilities loans, and flood damage loans.

² Amount outstanding on loans made by Farmers Home Administration and a predecessor agency, the Farm Security Administration.

³ Types of loans included as follows: Production and subsistence, water facilities, flood damage, rural rehabilitation, construction, wartime adjustment, flood and windstorm, and loans from Corporation trust funds.

⁴ Amount outstanding on loans made by a predecessor agency, the Emergency Crop and Feed Loan Division of the Farm Credit Administration.

Farmers Home Administration.

TABLE 740.—Farmers Home Administration: Status of the average active water facilities borrower, United States, 1947^{1,2}

Item	Unit	Quantity	Item	Unit	Quantity
Number of active borrowers.....	Number	1,786	Small grain, production per acre ⁶	Bushels.....	24.9
Percent with irrigation facilities ³	Percent.....	26	Corn, production per acre ⁵	do.....	36.2
Percent with farmstead facilities only.....	do.....	74	Crop sales.....	Dollars.....	2,140
Size of farm, all water facilities borrowers.....	Acres.....	254	Livestock sales.....	do.....	1,140
Land in crops, all water facilities borrowers.....	do.....	100	Livestock product sales.....	do.....	1,351
Irrigation borrowers ³	do.....	113	Production for home-use:		
Farmstead-only borrowers.....	do.....	95	Dairy products.....	Gallons (equivalent)	504
Acres irrigated, irrigation borrowers ³	do.....	94	Eggs.....	Dozens.....	157
Cattle and calves sold ⁴	Number.....	8	Meat.....	Pounds (dressed)	519
Hogs sold ⁴	do.....	9	Total farm income.....	Dollars.....	5,364
Poultry sold ⁴	do.....	104	Farm operating expenses.....	do.....	2,237
Eggs sold ⁴	Dozens.....	937	Net farm income.....	do.....	3,127
Dairy products sold ⁴	Gallons (equivalent)	4,964			

¹ Data based on total active water facilities borrowers who met the following conditions: (a) on same farm with same acreage in 1947 as during crop year before water facilities installation; (b) installation of facilities completed in time to provide full benefits during the 1947 crop year.

² Water facilities loans have been made in the following 17 Western states: Arizona, California, Colorado, Idaho, Kansas, Montana, Nebraska, Nevada, New Mexico, North Dakota, Oklahoma, Oregon, South Dakota, Texas, Utah, Washington, and Wyoming.

³ Includes those borrowers with loans for both irrigation and farmstead facilities.

⁴ Average based on reports of farmers raising specified kind of livestock.

⁵ Crop production is reported by irrigation borrowers and is limited to production on land irrigated in 1947. Crop production information was not obtained for borrowers with loans for farmstead facilities only.

Farmers Home Administration.

TABLE 741.—Farm loans guaranteed or insured by the Veterans Administration, United States, 1945-48

Item	1945	1946	1947	1948
	Number	Number	Number	Number
Number of loans.....	1,064	17,138	19,793	10,408
Real estate.....	(1)	9,771	10,707	5,290
Non-real-estate.....	(1)	8,431	9,086	5,118
Amount of loans ²	1,000 dollars 3,585	1,000 dollars 63,259	1,000 dollars 77,765	1,000 dollars 42,004
Amount of guaranty or insurance.....	1,265	29,826	36,634	18,561
Real estate.....	390	22,141	27,697	13,704
Non-real-estate.....	875	7,685	8,937	4,857

¹ Not available separately, but included with 1946 total. Thus, on the first three lines of this table, the 1,064 in the 1945 column, plus the 17,138 in the 1946 column, are equal to the 9,771 and 8,431 in the 1946 column.

² Breakdown between real estate and non-real-estate loans not available.

³ Partially estimated.

Bureau of Agricultural Economics. Compiled from reports of the Veterans Administration.

TABLE 742.—Farm real estate held by selected lenders, United States, Jan. 1, 1929-49¹

Year	Federal land banks and Federal Farm Mortgage Corporation ²	Life insurance companies ³	Joint-stock land banks ⁴	Commercial banks ⁵	3 State credit agencies ⁶
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	26,478	(7)	15,236	(7)	19,540
1930.....	29,517	107,058	19,685	(7)	26,860
1931.....	36,865	123,403	22,202	(7)	33,511
1932.....	53,588	190,694	37,957	(7)	39,008
1933.....	83,158	287,773	71,741	(7)	47,454
1934.....	96,632	428,331	85,740	(7)	56,094
1935.....	96,666	558,211	81,700	(7)	60,270
1936.....	119,864	588,761	78,204	⁸ 74,166	61,531
1937.....	134,754	634,005	72,781	69,525	68,444
1938.....	132,038	612,120	62,030	56,311	72,040
1939.....	139,229	607,358	53,885	49,143	71,846
1940.....	155,237	599,653	46,827	42,045	68,324
1941.....	134,180	547,637	36,172	33,373	60,900
1942.....	91,816	441,772	25,130	22,841	53,498
1943.....	54,757	336,233	18,306	(7)	44,145
1944.....	25,846	205,410	6,605	(7)	36,159
1945.....	10,994	119,169	4,201	(7)	32,691
1946.....	3,367	81,616	1,601	(7)	3,619
1947.....	1,029	33,552	463	(7)	(7)
1948.....	⁹ 333	13,656	154	(7)	(7)
1949.....	106	5,867	3	(7)	(7)

¹ Acquired by foreclosure or other "distress" transfers from borrowers. Continental United States only.

² Investment. Includes sheriffs' certificates and judgments, but excludes prior liens.

³ Book value, partially estimated.

⁴ Carrying value of real estate, including sheriffs' certificates and judgments. Real estate held by banks in receivership is included at book value.

⁵ Book value. Data represent holdings of insured commercial banks.

⁶ Investment. Rural Credit Board of South Dakota, Bank of North Dakota, and Department of Rural Credit of Minnesota. The large reduction during 1945 is mostly due to a charge-off of approximately \$27,000,000 of cumulated losses by the Rural Credit Board of South Dakota upon completion of liquidation.

⁷ Data unavailable.

⁸ Amount held on July 1.

⁹ Revised.

Bureau of Agricultural Economics.

FOOTNOTES FOR TABLE 743:

¹ Edison Electric Institute report.

² Percentage of all farms in State as shown by 1935 Census of Agriculture.

³ 1940 Census of Agriculture.

⁴ Percentage of all farms in State as shown by 1940 Census of Agriculture.

⁵ REA estimate.

⁶ Percentage of all farms in State, as shown by 1945 Census of Agriculture. This census reported a total of 5,859,169 farms in the United States.

Rural Electrification Administration.

(See table on facing page.)

TABLE 743.—Rural Electrification Administration: Number and percentage of farms receiving central-station electric service, by States, 1934-48

State and division	Farms receiving central-station electric service								Increase in electrified farms from Dec. 31, 1934, to June 30, 1948
	Dec. 31, 1934 ¹		April 1, 1940 ³		June 30, 1945 ⁵		June 30, 1948 ⁶		
	Number	Percent ²	Number	Percent ⁴	Number	Percent ⁶	Number	Percent ⁶	
Maine.....	13,959	33.3	20,221	51.9	27,087	64.2	32,573	77.2	18,614
New Hampshire.....	9,495	53.7	10,845	65.5	15,298	81.2	17,093	97.0	7,598
Vermont.....	7,945	29.4	12,213	51.8	18,916	71.4	21,759	82.1	13,814
Massachusetts.....	14,494	41.3	26,220	82.2	33,287	89.9	35,520	95.0	21,026
Rhode Island.....	1,975	45.6	2,457	81.5	3,148	87.4	3,504	97.3	1,529
Connecticut.....	10,138	31.5	16,995	80.3	20,155	90.6	21,420	96.3	11,282
New England.....	58,006	36.7	88,951	65.8	117,891	78.4	131,869	87.7	73,863
New York.....	57,825	32.7	102,283	66.7	125,433	83.9	140,279	93.8	82,454
New Jersey.....	15,162	51.6	21,298	82.4	23,697	90.4	25,473	97.1	10,311
Pennsylvania.....	45,182	23.6	94,081	55.7	125,612	73.1	154,152	89.7	108,970
Middle Atlantic.....	118,169	29.7	217,662	62.5	274,742	79.1	319,904	92.1	201,735
Ohio.....	48,048	18.8	137,680	58.9	165,387	75.0	215,379	97.6	167,331
Indiana.....	23,476	11.7	91,127	49.4	125,931	71.6	169,051	96.1	145,575
Illinois.....	28,379	12.3	80,027	37.5	121,771	59.6	171,941	84.2	143,562
Michigan.....	42,152	21.4	131,126	69.9	146,325	83.5	169,427	96.7	127,275
Wisconsin.....	39,206	19.6	87,556	46.9	123,006	69.2	151,348	85.1	112,142
East North Central.....	181,261	16.7	527,516	52.4	682,420	71.5	877,146	92.0	695,885
Minnesota.....	13,783	6.8	50,075	25.4	93,208	49.3	130,378	69.0	116,595
Iowa.....	32,047	14.4	73,308	34.4	133,113	63.7	167,356	80.1	135,309
Missouri.....	17,893	6.4	39,204	15.3	77,852	32.0	129,706	53.4	111,813
North Dakota.....	1,968	2.3	3,218	4.4	7,498	10.8	15,879	22.8	13,911
South Dakota.....	2,939	3.5	3,981	5.5	8,964	13.0	16,405	23.9	13,466
Nebraska.....	9,544	7.1	22,832	18.9	39,120	35.0	48,946	43.8	39,402
Kansas.....	13,224	7.6	27,960	17.9	46,056	32.6	71,161	50.4	57,937
West North Central.....	91,398	7.7	220,578	20.2	405,811	39.3	579,831	56.2	488,433
Delaware.....	1,791	17.3	3,545	39.4	5,650	60.8	7,874	84.7	6,083
Maryland.....	6,791	15.3	17,170	40.7	24,124	58.4	35,415	85.7	28,624
Virginia.....	14,954	7.6	42,144	24.1	65,035	37.6	126,727	73.2	111,773
West Virginia.....	3,647	3.5	25,199	25.4	39,148	40.1	54,856	56.2	51,209
North Carolina.....	9,672	3.2	67,627	24.3	113,574	39.5	196,445	68.3	186,773
South Carolina.....	3,796	2.3	27,568	20.0	55,114	37.3	96,818	65.5	93,022
Georgia.....	6,956	2.8	42,409	19.6	82,248	36.4	153,813	68.1	146,857
Florida.....	9,544	7.8	15,476	24.9	24,750	40.5	39,975	65.4	34,275
South Atlantic.....	53,307	4.6	241,138	23.7	409,643	39.3	711,923	68.2	658,616
Kentucky.....	8,480	3.0	38,607	15.3	72,602	30.4	117,701	49.4	109,221
Tennessee.....	9,727	3.6	38,884	15.7	71,458	30.5	119,323	50.9	109,596
Alabama.....	11,053	4.0	33,907	14.6	73,129	32.7	135,782	60.8	124,729
Mississippi.....	2,802	0.9	26,078	9.0	52,816	20.0	99,120	37.6	96,318
East South Central.....	32,062	2.8	137,476	13.4	270,005	28.1	471,926	49.2	439,864
Arkansas.....	2,943	1.2	21,303	9.8	46,149	23.2	108,051	54.4	105,108
Louisiana.....	2,826	1.7	16,058	10.7	36,778	28.4	71,558	55.3	68,732
Oklahoma.....	5,648	2.6	20,149	11.2	49,473	30.0	72,669	44.1	67,021
Texas.....	11,466	2.3	79,127	18.9	162,290	42.2	257,431	66.9	245,965
West South Central.....	22,883	2.0	136,637	14.2	294,690	33.6	509,709	58.1	486,826
Montana.....	2,768	5.5	7,947	19.0	11,401	30.2	18,837	49.9	16,069
Idaho.....	13,433	29.3	25,439	58.3	32,139	77.4	39,296	94.7	25,863
Wyoming.....	527	3.0	3,474	23.1	5,632	43.1	6,871	52.5	6,344
Colorado.....	7,145	11.2	14,823	28.8	24,637	51.7	38,009	79.8	30,864
New Mexico.....	1,350	3.3	4,479	13.1	7,645	25.7	13,994	47.1	12,644
Arizona.....	5,577	29.6	5,607	30.4	9,280	70.6	10,577	80.5	5,000
Utah.....	16,130	52.5	17,411	68.5	20,019	76.1	21,151	80.4	5,021
Nevada.....	946	25.6	1,555	43.5	1,639	47.8	2,022	59.0	1,076
Mountain.....	47,876	17.6	80,735	34.6	112,392	52.9	150,757	71.0	102,881
Washington.....	40,060	47.5	58,283	71.4	68,194	85.4	74,715	93.5	34,655
Oregon.....	17,839	27.5	36,369	58.8	48,635	77.0	60,094	95.2	42,255
California.....	81,093	53.9	107,904	81.3	121,873	87.7	131,602	94.7	59,509
Pacific.....	138,992	46.4	202,556	73.3	238,702	84.7	286,411	94.5	127,419
United States.....	743,954	10.9	1,853,249	30.4	2,806,296	47.9	4,019,476	68.6	3,275,522

TABLE 744.—Rural Electrification Administration: Number and amount of loans by type of borrower and by purpose of loan, by States, from organization (May 11, 1935) to Jan. 1, 1949¹

State, division, and Territory	Total loans		Loans by type of borrower								Loans by purpose			Miles of line provided for by loans ⁴	Consumers provided for by loans ⁴
	Borrowers	Amount	Cooperative associations		Public power districts		Other public bodies ²		Power companies		Line construction and working capital	Generation and transmission	Consumer facilities ³		
			Borrowers	Amount	Borrowers	Amount	Borrowers	Amount	Borrowers	Amount					
	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number
Maine.....	4	1,378	4	1,378	0	0	0	0	0	0	1,353	0	25	804	3,399
New Hampshire.....	1	2,349	1	2,349	0	0	0	0	0	0	2,301	8	40	1,690	5,256
Vermont.....	3	3,153	3	3,153	0	0	0	0	0	0	3,030	80	43	1,926	5,379
Massachusetts.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rhode Island.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
New England.....	8	6,880	8	6,880	0	0	0	0	0	0	6,684	88	108	4,420	14,034
New York.....	7	4,898	6	3,034	0	0	0	0	1	1,864	4,803	0	95	4,017	13,711
New Jersey.....	2	784	2	784	0	0	0	0	0	0	772	0	12	499	2,227
Pennsylvania.....	13	21,674	13	21,674	0	0	0	0	0	0	21,439	0	235	15,064	53,597
Middle Atlantic.....	22	27,356	21	25,492	0	0	0	0	1	1,864	27,014	0	342	19,580	69,535
Ohio.....	20	38,479	28	37,929	0	0	0	0	1	550	37,591	590	298	26,077	102,566
Indiana.....	47	42,167	46	41,737	0	0	0	0	1	430	41,769	56	342	32,535	119,085
Illinois.....	28	55,643	27	55,562	0	0	0	0	1	81	52,197	3,076	370	38,154	111,929
Michigan.....	13	26,421	13	26,421	0	0	0	0	0	0	19,198	6,825	398	13,568	52,568
Wisconsin.....	32	60,198	31	60,106	0	0	1	92	0	0	31,624	28,013	561	25,737	74,002
East North Central.....	149	222,908	145	221,755	0	0	1	92	3	1,061	182,379	38,560	1,969	136,071	460,150
Minnesota.....	54	92,579	52	91,604	0	0	2	975	0	0	77,552	13,887	1,140	63,372	149,657
Iowa.....	55	93,430	53	93,329	0	0	1	95	1	6	62,990	30,142	298	51,433	123,008
Missouri.....	47	104,311	46	104,199	0	0	0	0	1	112	85,564	18,185	562	58,538	181,892
North Dakota.....	23	55,982	22	55,370	0	0	0	0	1	612	41,284	14,430	268	31,157	43,287
South Dakota.....	28	35,976	28	35,976	0	0	0	0	0	0	34,549	1,329	98	23,422	43,451
Nebraska.....	36	52,059	11	11,093	25	40,966	0	0	0	0	49,120	2,361	578	37,108	75,778
Kansas.....	36	50,410	35	50,404	0	0	0	0	1	6	48,109	2,074	227	36,058	69,215
West North Central.....	279	484,747	247	441,975	25	40,966	3	1,070	4	736	399,168	82,408	3,171	301,088	686,288
Delaware.....	1	2,722	1	2,722	0	0	0	0	0	0	2,717	0	5	1,601	6,791
Maryland.....	2	9,399	2	9,399	0	0	0	0	0	0	7,648	1,751	0	4,090	18,457
Virginia.....	21	35,306	20	35,113	0	0	0	0	1	193	31,249	3,671	386	20,722	70,831
West Virginia.....	2	1,227	2	1,227	0	0	0	0	0	0	1,212	0	15	766	3,003

North Carolina.....	39	49,639	34	49,173	0	0	2	247	3	219	44,120	4,667	852	30,038	118,343
South Carolina.....	28	29,423	26	28,317	0	0	2	1,106	0	0	28,568	92	763	22,650	83,699
Georgia.....	46	69,175	45	69,068	0	0	0	0	1	107	63,470	4,240	1,465	50,671	182,452
Florida.....	17	22,916	15	22,703	0	0	0	0	2	213	20,132	2,628	156	14,543	43,964
South Atlantic.....	156	219,807	145	217,722	0	0	4	1,353	7	732	199,116	17,049	3,642	145,081	527,540
Kentucky.....	27	55,640	26	55,638	0	0	0	0	1	2	53,085	2,253	302	33,175	137,873
Tennessee.....	31	59,474	21	54,913	0	0	0	4,561	0	0	59,094	2,225	155	34,108	199,462
Alabama.....	27	48,283	25	46,766	0	0	2	1,517	0	0	40,298	7,680	305	27,758	115,334
Mississippi.....	24	51,811	23	51,740	0	0	1	71	0	0	49,142	2,386	283	34,298	143,322
East South Central....	109	215,208	95	209,057	0	0	13	6,149	1	2	201,619	12,544	1,045	129,339	595,991
Arkansas.....	20	40,946	19	40,423	0	0	0	0	1	523	38,408	2,061	477	28,580	100,621
Louisiana.....	19	27,299	17	26,942	0	0	0	0	2	357	22,292	4,755	252	16,447	65,635
Oklahoma.....	27	53,082	26	52,886	0	0	0	0	1	196	51,298	1,586	198	37,901	94,617
Texas.....	98	134,819	97	134,563	0	0	1	256	0	0	121,423	11,629	1,767	108,207	266,679
West South Central....	164	256,146	159	254,814	0	0	1	256	4	1,076	233,421	20,031	2,694	191,135	527,552
Montana.....	23	24,003	23	24,003	0	0	0	0	0	0	22,171	1,738	94	14,676	29,463
Idaho.....	9	8,762	9	8,762	0	0	0	0	0	0	8,205	460	97	5,408	13,786
Wyoming.....	16	10,538	15	10,459	0	0	0	0	1	79	9,802	611	125	7,130	13,111
Colorado.....	22	29,050	21	28,946	0	0	0	0	1	104	26,109	2,781	160	17,442	44,864
New Mexico.....	15	12,289	14	12,065	0	0	0	0	1	224	11,034	1,110	145	7,150	17,343
Arizona.....	11	10,836	9	10,594	1	142	0	0	1	100	6,522	4,289	25	2,941	9,456
Utah.....	6	2,422	6	2,422	0	0	0	0	0	0	1,607	760	55	1,237	3,545
Nevada.....	2	296	0	0	2	296	0	0	0	0	286	0	10	130	536
Mountain.....	104	98,196	97	97,251	3	438	0	0	4	507	85,736	11,749	711	56,114	132,104
Washington.....	24	19,947	13	13,452	11	6,495	0	0	0	0	18,742	1,126	79	11,995	26,408
Oregon.....	15	15,340	14	15,040	1	300	0	0	0	0	13,977	1,248	115	7,156	21,822
California.....	7	5,657	5	3,557	2	2,100	0	0	0	0	5,093	552	12	2,444	10,587
Pacific.....	46	40,944	32	32,049	14	8,895	0	0	0	0	37,812	2,926	206	21,595	58,812
Alaska.....	6	2,300	6	2,300	0	0	0	0	0	0	1,555	715	30	423	2,596
Virgin Islands.....	1	432	0	0	1	432	0	0	0	0	235	197	0	85	912
Territories.....	7	2,732	6	2,300	1	432	0	0	0	0	1,790	912	30	508	3,508
U. S. and Territories...	1,044	1,574,924	955	1,509,295	43	50,731	22	8,920	24	5,978	1,374,739	186,267	13,918	1,004,931	3,075,514

¹ State totals represent data for borrowers, incorporated within the State.

² Municipalities and government authorities (excluding public power districts).

³ Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.

⁴ Includes miles energized and consumers connected, shown in table 745.

Rural Electrification Administration.

TABLE 745.—*Rural Electrification Administration: Number and amount of advances from organization (May 11, 1935) to Jan. 1, 1949, and statistics on borrowers' operations, 1948, by States¹ (preliminary)*

State, division, and Territory	Total advances to Jan. 1, 1949 ²		Data for systems in operation						
	Borrowers	Amount	As of Jan. 1, 1949			Calendar year, 1948			
			Systems	Miles energized	Consumers connected	KWH generated	KWH purchased	KWH billed	Total revenue
Maine.....	4	1,144	4	644	2,884	58	2,821	2,038	122
New Hampshire.....	1	2,309	1	1,650	4,776	449	5,421	4,114	217
Vermont.....	3	2,415	3	1,630	4,750	69	9,674	7,734	315
Massachusetts.....	0	0	0	0	0	0	0	0	0
Rhode Island.....	0	0	0	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0	0	0	0
New England.....	8	5,868	8	3,924	12,410	576	17,916	13,886	654
New York.....	7	4,196	6	2,945	10,519	0	9,800	7,823	313
New Jersey.....	2	665	2	459	2,227	0	4,781	4,270	147
Pennsylvania.....	13	17,164	13	13,346	50,259	0	95,952	77,759	3,040
Middle Atlantic.....	22	22,025	21	16,750	63,005	0	110,533	89,852	3,500
Ohio.....	29	32,452	29	25,200	101,133	0	278,394	230,322	7,466
Indiana.....	47	35,702	44	31,151	117,315	0	243,795	201,544	7,355
Illinois.....	28	44,629	28	31,497	95,072	10,435	192,056	162,639	6,563
Michigan.....	13	21,452	13	12,233	49,747	59,423	40,793	81,272	3,006
Wisconsin.....	32	45,769	32	22,857	66,083	254,197	176,709	389,291	7,947
East North Central.....	149	180,004	146	122,938	429,350	324,055	931,747	1,065,068	32,337
Minnesota.....	54	67,529	52	50,788	125,202	59,865	320,430	319,170	11,573
Iowa.....	55	59,763	53	43,252	109,410	71,897	289,092	310,603	10,225
Missouri.....	45	62,893	41	37,938	132,879	11,016	296,727	270,684	8,152
North Dakota.....	23	29,651	21	13,076	20,037	27,623	51,167	68,182	2,112
South Dakota.....	28	20,820	25	9,245	20,627	2,620	34,872	31,018	1,348
Nebraska.....	35	34,572	30	21,395	46,716	3,538	136,526	117,074	3,601
Kansas.....	36	34,780	34	20,851	42,354	8,142	63,348	56,763	2,650
West North Central.....	276	310,008	256	196,545	497,225	184,701	1,192,162	1,173,494	39,661
Delaware.....	1	2,280	1	1,273	4,929	0	10,355	8,444	345
Maryland.....	2	6,363	2	3,564	16,553	8,530	31,720	31,521	1,205
Virginia.....	21	28,557	17	16,740	61,157	26,184	69,177	74,454	2,929
West Virginia.....	2	925	2	642	2,632	0	3,013	2,446	113
North Carolina.....	38	38,808	36	24,970	100,921	5,743	109,422	88,386	3,880
South Carolina.....	28	21,536	23	17,952	72,648	0	87,310	68,743	2,751
Georgia.....	45	43,107	43	39,719	158,439	0	221,011	179,454	6,286
Florida.....	17	15,798	17	10,320	34,500	14,771	41,369	44,937	1,907
South Atlantic.....	154	157,354	141	115,180	451,779	55,228	573,377	498,385	19,416 ^o
Kentucky.....	26	38,281	25	25,205	107,080	0	161,649	127,064	4,898
Tennessee.....	30	37,222	30	23,836	167,009	0	674,691	492,514	8,910
Alabama.....	26	29,299	25	20,115	93,376	42,449	194,584	202,270	4,624
Mississippi.....	23	34,891	23	26,799	123,049	0	210,296	169,895	5,195
East South Central.....	105	139,693	103	95,955	490,514	42,449	1,141,220	991,743	23,627
Arkansas.....	20	29,833	19	21,264	79,219	0	86,076	67,883	3,041
Louisiana.....	18	22,115	15	14,449	57,996	0	60,770	45,694	2,254
Oklahoma.....	27	37,573	26	28,244	69,719	1,844	96,706	76,673	3,770
Texas.....	96	101,357	77	84,191	216,748	28,111	345,799	300,916	10,964
West South Central.....	161	190,878	137	148,148	423,682	29,955	589,351	491,166	20,029
Montana.....	22	17,228	21	10,303	20,979	12,539	52,009	54,821	1,811
Idaho.....	9	6,849	9	4,139	10,585	0	30,283	24,645	717
Wyoming.....	16	7,963	15	4,642	9,938	4,942	23,819	23,623	883
Colorado.....	22	20,612	22	11,958	35,469	4,057	90,499	74,370	2,895
New Mexico.....	14	9,094	10	4,331	12,072	5,307	35,332	33,319	986
Arizona.....	11	6,105	10	1,235	6,392	19,602	4,084	18,220	528
Utah.....	6	2,096	6	1,118	3,119	5,344	1,253	5,031	209
Nevada.....	2	282	2	147	686	0	6,775	5,881	89
Mountain.....	102	70,229	95	37,773	99,240	51,791	244,054	239,910	8,118

See footnotes at end of table.

TABLE 745.—*Rural Electrification Administration: Number and amount of advances from organization (May 11, 1935) to Jan. 1, 1949, and statistics on borrower's operations, 1948, by States¹ (preliminary)—Continued*

State, division, and Territory	Total advances to Jan. 1, 1949 ²		Data for systems in operation						
	Borrowers	Amount	As of Jan. 1, 1949			Calendar year, 1948			
			Sys-tems	Miles ener-gized	Con-sumers connected	KWH gen-erated	KWH pur-chased	KWH billed	Total revenue
	<i>Num-ber</i>	<i>1,000 dollars</i>	<i>Num-ber</i>	<i>Miles</i>	<i>Number</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>
Washington.....	23	14,283	23	8,817	20,458	4,868	100,675	89,605	1,775
Oregon.....	15	10,890	13	5,395	18,832	2,358	75,345	65,880	1,454
California.....	6	3,089	5	1,798	7,117	35,874	13,719	39,769	954
Pacific.....	44	28,262	41	16,010	46,407	43,100	189,739	195,254	4,183
Alaska.....	6	975	2	130	1,130	1,821	1,453	2,717	160
Virgin Islands.....	1	372	1	78	622	828	0	548	34
Territories.....	7	1,347	3	208	1,752	2,649	1,453	3,265	194
United States.....	1,028	1,105,868	951	753,431	2,515,364	734,504	4,991,552	4,762,023	151,719

¹ State totals represent data for borrowers incorporated within the State.

² Actual funds advanced out of loans shown in table 744. United States total includes \$200,000 adjustment of 1942 note.

Rural Electrification Administration.

TABLE 746.—*Rural Electrification Administration: Number and amount of advances from date of organization (May 11, 1935) to Jan. 1, 1949, and statistics of borrowers' operations, United States, 1936-49*

Year	Total advances as of Jan. 1		Data for systems in operation						
	Bor-rowers	Amount ¹	As of Jan. 1			During year			
			Systems	Miles energized	Consumers connected	KWH generated	KWH purchased	KWH billed	Total revenue
	<i>Number</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>Miles</i>	<i>Number</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 kw.-hr.</i>	<i>1,000 dollars</i>
1936.....	10		2	0	0				
1937.....	3,339		29	3,000	7,508				
1938.....	34,338		126	16,500	43,878				
1939.....	88,345		350	67,409	176,382				
1940.....	654	184,099	548	181,359	435,566				
1941.....	755	253,336	685	267,846	674,495	83,123	854,370	724,385	35,022
1942.....	835	332,033	773	348,062	902,266	131,189	1,304,623	1,150,536	46,927
1943.....	849	364,324	803	378,015	1,012,284	199,228	1,828,132	1,679,381	55,588
1944.....	853	378,496	811	390,058	1,087,801	213,462	2,105,332	1,925,734	64,043
1945.....	870	406,371	826	410,471	1,216,798	258,397	2,344,550	2,136,384	73,607
1946.....	914	² 463,542	848	449,579	1,408,918	319,913	2,730,265	2,477,509	89,948
1947.....	978	² 595,730	869	506,838	1,683,901	433,282	3,720,705	3,398,290	114,998
1948 ³	1,006	² 821,143	911	603,064	2,046,095	734,504	4,991,552	4,762,023	151,719
1949 ³	1,028	² 1,105,868	951	753,431	2,515,364				

¹ Actual funds advanced out of loans, as shown in table 744.

² Totals for 1946 through 1949 include \$200,000 adjustment of 1942 note.

³ Preliminary.

Rural Electrification Administration.

TABLE 747.—Commodity Credit Corporation: Loans made, by crop years, from date of organization (1933) through Dec. 31, 1948¹

Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount
Barley:	1,000 bushels	1,000 dollars	Dry peas:	1,000 cwt.	1,000 dollars
1940.....	7,499	2,391	1943.....	43	182
1941.....	16,287	6,860	1944.....	52	208
1942.....	15,199	8,152		95	390
1943.....	761	558			
1944.....	3,302	2,799	Figs:	1,000 tons	
1945.....	1,027	758	1937.....	4.2	84
1946.....	491	374	1938.....	7.4	125
1947.....	338	322	1939.....	3.0	51
1948.....	19,172	21,994		14.6	260
	64,086	44,208			
			Fiber flax:	1,000 pounds	
Wheat:	1,000 pounds		1946.....	2,579	1,237
1938.....	114,264	29,095			
1939.....	12,836	3,042	Flaxseed:	1,000 bushels	
1940.....	66	19	1941.....	749	1,245
	127,166	32,156	1942.....	1,576	3,488
			1943.....	595	1,581
Corn:	1,000 bushels		1944.....	60	168
1933.....	267,762	121,276	1945.....	129	368
1934.....	20,075	11,042	1946.....	24	67
1935.....	30,966	13,934	1947.....	527	2,521
1936.....	158	87	1948.....	724	4,144
1937 (fall of 1937).....	47,117	22,871		4,384	13,582
1937 (fall of 1938).....	2 ¹ 14,000	2 ⁷ 7,980			
1938.....	229,839	130,882	Grain sorghums:	1,000 cwt.	
1939.....	301,729	171,756	1940.....	44	23
1940.....	103,125	62,835	1941.....	191	117
1941.....	110,871	80,914	1942.....	68	66
1942.....	56,401	43,605	1943.....	26	39
1943.....	7,895	6,648	1944.....	4,601	7,741
1944.....	20,647	18,439	1945.....	6	9
1945.....	2,996	2,768	1946.....	309	496
1946.....	25,982	28,140	1947.....	42	85
1947.....	1,134	1,480	1948.....	6,087	14,364
1948.....	30,272	41,819		11,374	22,940
	1,270,969	766,476			
			Hops:	1,000 pounds	
Cotton:	1,000 bales		1938.....	7,077	1,388
1933.....	1,926	99,498	Naval stores:		
1934.....	4,632	282,644	1934-35 turpentine, 1,000 bbls.....	161	3,821
1933-34 pool ²		51,416	1934-35 rosin, 1,000 bbls.....	370	2,955
1935.....	115	5,777	1938 turpentine, 1,000 bbls.....	187	1,908
1937.....	5,581	243,275	1938 rosin, 1,000 bbls. and 1,000 drums.....	937	9,861
1938.....	4,482	205,329	1939 turpentine, 1,000 bbls.....	122	1,213
1939.....	30	1,324	1939 rosin, 1,000 bbls. and 1,000 drums.....	668	7,603
1940.....	3,180	153,140	1940 turpentine, 1,000 bbls.....	59	627
1941.....	2,221	153,012	1940 rosin, 1,000 bbls. and 1,000 drums.....	525	6,001
1942.....	3,143	290,762	1941 rosin, 1,000 drums.....	133	1,576
1943.....	3,594	342,424	1942 turpentine, 1,000 bbls.....	152	4,177
1944.....	2,122	218,276	1942 rosin, 1,000 drums.....	346	5,438
1945.....	216	22,285	1943 turpentine, 1,000 bbls.....	7	3
1946.....	145	17,761	1943 rosin, 1,000 drums.....	56	120
1947.....	280	36,688	1947 rosin, 1,000 drums.....	3	87
1948.....	3,533	565,732	1947 turpentine, 1,000 bbls.....	56	1,741
	35,200	2,689,343	1948 rosin, 1,000 drums.....	413	17,101
			1948 turpentine, 1,000 bbls.....	73	1,820
Dates:	1,000 pounds				66,052
1937.....	1,533	61	Oats:	1,000 bushels	
			1945.....	2,933	1,275
Dry beans:	1,000 cwt.		1946.....	788	364
1943.....	455	2,544	1947.....	244	141
1947.....	1	6	1948.....	10,791	7,113
1948.....	2,060	16,541		14,766	8,893
	2,516	19,091			

See footnotes at end of table.

TABLE 747.—Commodity Credit Corporation: Loans made, by crop years, from date of organization (1933) through Dec. 31, 1948¹—Continued

Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount
Peanuts:	<i>1,000 tons</i>	<i>1,000 dollars</i>	Soybeans:	<i>1,000 bushels</i>	<i>1,000 dollars</i>
1937.....	86.3	5,267	1941.....	149	154
1938.....	121.4	7,035	1942.....	3,641	5,526
1939.....	13.2	817	1943.....	261	480
1940.....	29.8	1,867	1944.....	79	165
1944.....	125.7	21,242	1945.....	32	67
1945.....	154.5	25,603	1946.....	6,456	13,323
1946.....	200.2	34,284	1947.....	3,536	7,251
1947.....	191.5	37,418	1948.....	4,324	9,616
1948.....	221.8	46,799			
	1,144.4	180,332		18,478	36,582
Pecans:	<i>1,000 pounds</i>		Sweetpotatoes:	<i>1,000 cwt.</i>	
1938.....	3,705	371	1943.....	63	130
			1945.....	9	13
Potatoes:	<i>1,000 cwt.</i>		1946.....	5	7
1943.....	4,367	6,896		77	150
1944.....	5,949	7,504			
1945.....	33,958	38,915	Tobacco:	<i>1,000 pounds</i>	
1946.....	68,981	63,873	1931-35.....	69,755	8,635
1947.....	8,669	10,229	1937.....	5,627	934
1948.....	11,529	15,884	1938.....	708	35
	133,453	143,301	1939.....	18,314	2,731
			1940.....	98,155	13,156
Prunes:	<i>1,000 tons</i>		1941.....	14,998	2,540
1937.....	56.1	2,357	1942.....	10,941	2,443
1938.....	22.8	397	1943.....	1,935	532
1940.....	91.1	5,363	1944.....	1,829	529
			1945.....	15,921	6,258
	170.0	8,137	1946.....	256,329	91,398
			1947.....	290,628	121,165
Raisins:	<i>1,000 tons</i>		1948.....	135,695	63,679
1937.....	22.6	1,245		920,835	314,035
1938.....	105.5	2,688			
1940.....	109.2	5,146	Wheat:	<i>1,000 bushels</i>	
	237.3	9,079	1938.....	85,745	49,216
			1939.....	167,702	117,370
Rice:	<i>1,000 cwt.</i>		1940.....	278,430	200,629
1948.....	103	451	1941.....	366,326	361,556
			1942.....	408,136	468,168
Rye:	<i>1,000 bushels</i>		1943.....	130,170	164,293
1939.....	1,500	567	1944.....	180,412	249,841
1940.....	4,247	1,619	1945.....	59,680	80,261
1941.....	2,451	1,224	1946.....	21,985	31,788
1942.....	5,244	3,133	1947.....	31,239	57,173
1943.....	132	99	1948.....	206,500	422,527
1944.....	59	44		1,936,328	2,202,822
1945.....	23	17			
1948.....	533	656			
	14,189	7,359	Wool and mohair:	<i>1,000 pounds</i>	
			1938.....	83,088	14,916
Seeds, miscellaneous:	<i>1,000 pounds</i>		1939.....	10,890	1,914
1943.....	174	20		93,978	16,830
1944.....	37,777	2,270			
1945.....	3,689	522	Other loan programs.....		\$10,480
1946.....	8,035	564			
1947.....	19,396	746	Grand total.....		6,600,128
	69,071	4,122			

¹ Includes loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under Commodity Credit Corporation obligations to purchase. Renewals and extensions of loans previously made are excluded.

² Partly estimated.

³ Loans to the Cotton Producers Pool were second-lien advance on cotton in the pool. The 1932 advance was \$20 per 500-pound bale and the 1934 advance was an additional \$10 on cotton remaining in the pool. The number of bales involved is excluded from the quantities placed under loan.

⁴ For details, see bottom of page 667 in Agricultural Statistics, 1948.

TABLE 748.—Commodity Credit Corporation: Loans made, by States, 1948, and cumulative 1933-48¹

State and division	Year 1948									Cumulative from organization (1933) to Dec. 31, 1948								
	Barley	Corn	Cotton	Pea-nuts	Pota-toes	Tobac-co	Wheat	Other	Total	Barely	Corn	Cotton	Pea-nuts	Pota-toes	Tobac-co	Wheat	Other	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollar	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....					11,861				11,861					69,818				69,818
New Hampshire.....					100				100					486				486
Vermont.....														146				146
Massachusetts.....					133				133					1,484				1,484
Rhode Island.....					17				17					651				651
Connecticut.....					170				170					1,429				1,429
New England.....					12,281				12,281					74,014				74,014
New York.....		1			908		459	685	2,053		1			6,828		1,904	685	9,418
New Jersey.....							188		188					61		429	1	491
Pennsylvania.....		7			184		276		467		7			1,732		3,304	28	5,071
Middle Atlantic.....		8			1,092		923	685	2,708		8			8,621		5,637	714	14,980
Ohio.....		452			3		2,734	545	3,734		3,261			152		22,350	4,047	29,810
Indiana.....		852			15		439	356	1,662		15,669			265		15,106	3,369	34,409
Illinois.....		3,815	5				1,808	2,138	7,766		1		8		36,349	11,089		215,287
Michigan.....	11	1			783		1,337	646	2,778		17			4,996		4,564	1,152	10,792
Wisconsin.....	12	83			145	188	13	88	529		13			1,348	499	4,250	610	6,965
East North Central.....	23	5,203	5		946	188	6,331	3,773	16,469	31	187,062			6,777	499	82,619	20,267	297,263
Minnesota.....	1,827	764			517		5,016	3,419	11,543	3,567	58,240			10,990		52,445	11,535	136,777
Iowa.....	7	24,885					3,951	8,480	37,323	24	377,678			290		12,829	15,556	406,377
Missouri.....	1	1,732	46,002				9,052	880	57,667	1	19,430			77,344		38,811	2,491	138,077
North Dakota.....	5,346	37			489		41,849	3,164	50,885	9,454	478			13,721		349,148	8,691	381,492
South Dakota.....	1,507	371			339		13,205	2,690	18,112	5,887	21,514			1,899		95,066	8,137	132,503
Nebraska.....	272	4,817			220		32,413	3,111	40,833	4,486	81,837			2,355		147,238	3,877	239,793
Kansas.....	171	1,423					104,864	867	107,325	799	7,408			9		438,299	3,321	449,836
West North Central.....	9,131	34,029	46,002		1,565		210,350	22,611	323,688	24,218	566,585	77,344		29,264		1,133,836	53,608	1,884,855

Delaware.....	1	1					278			279					2,785	243	3,041		
Maryland.....	1	48					1,187			1,238					9,421	31	9,508		
Virginia.....	4		628	337		2,925	242		2	4,136				1,868	10	15,825			
West Virginia.....										1	3,035	4,705		6,202	102	102			
North Carolina.....			12,014	753		48,297	25	2		61,091	12	60,724	3,945		200	7	64,888		
South Carolina.....			27,073					7		27,080		110,878			4	18	110,900		
Georgia.....			46,616	25,679					19,075	91,370		218,656	99,820			67,742	386,218		
Florida.....			219	10,235						10,454		586	28,392		152,815	288	182,081		
South Atlantic.....	5	49	86,550	37,004		51,222	1,732		19,086	195,648	5	393,879	136,862		159,017	14,380	68,339	772,563	
Kentucky.....		332	103			29,905	404			30,744		1,065			98,612	4,525	2,338	106,643	
Tennessee.....		17	30,256			10,556	510			41,339		17	111,222		38,905	3,042	2	153,188	
Alabama.....			72,416	3,934						76,350			13,041			2	59	281,427	
Mississippi.....			89,011						58	89,069							64	259,528	
East South Central.....		349	191,786	3,934		40,461	914	58		237,502		1,082	639,114	13,041		137,517	7,569	2,463	800,786
Arkansas.....			80,525					77		80,602			275,868			16	117	276,001	
Louisiana.....			36,257					265		36,522			117,680				278	117,958	
Oklahoma.....	2		17,845	4,326		52,093	714			74,980		123	128,077		7,167	179,239	1,114	315,720	
Texas.....	4		92,022	6,552		22,166	11,819			132,663		594	722,103		20,532	169,234	20,436	932,899	
West South Central.....	6		226,649	10,878		74,259	12,875		324,667	717		1,243,728	27,699			348,489	21,945	1,642,578	
Montana.....	656				34	18,836	188		19,714	1,536					684	161,440	900	164,560	
Idaho.....	984				1,935	13,910	1,005		17,834	2,346			11,703		11,703	65,552	1,078	80,679	
Wyoming.....	120				182	2,266	4,011		6,579	237			1,695		1,695	9,964	4,264	16,160	
Colorado.....	185	2			88	22,951	2,856		26,082	489	40		4,063		4,063	61,427	3,337	69,356	
New Mexico.....	3		4,920	705		1,666	2,110		9,404	6		25,257	2,730			10,129	3,309	41,431	
Arizona.....	370		6,596			6	414		7,386	409		43,510			8	6	418	44,351	
Utah.....	141				103	2,635	156		3,035	326					504	9,965	502	11,297	
Nevada.....	37				18	34	4		93	37					157	36	161	391	
Mountain.....	2,496	2	11,516	705	2,360	62,304	10,744		90,127	5,386	40	68,767	2,730	18,814		318,519	13,969	428,225	
Washington.....	955				467	46,311	92		47,825	2,033				1,206		187,048	121	190,468	
Oregon.....	844				534	17,314	531		19,223	1,460				3,027		92,871	2,522	99,880	
California.....	8,532		12,523			2,184	1,902		25,141	10,336			82,692		1,358	8,988	23,552	126,926	
Pacific.....	10,331		12,523		1,001	65,809	2,525		92,189	13,829			82,692		5,591	288,907	26,195	417,214	
Unallocated.....	22	3,638	139		183	4,190	2,854	1,780	12,806	22	211,618	3,183,811		220	17,002	2,866	52,111	267,650	
United States..	22,014	43,278	575,170	52,521	19,428	96,061	425,476	74,137	1,308,085	44,208	766,476	2,689,343	180,332	143,301	314,035	2,202,822	259,611	6,600,128	

¹ Includes loans made directly by the Commodity Credit Corporation and loans made by banks and other lending agencies under C.C.C. obligations to purchase. Renewals and extensions of loans previously made are excluded. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association. Includes loans approved but not fully processed.

² This amount was advanced to producers in the fall of 1938, when an estimated 14,000,000 bushels of 1937 corn were placed under loan. A distribution by States is not available.

³ Includes the 1933 cotton loans of \$99,498,000, for which State data are not available.

Commodity Credit Corporation.

TABLE 749.—Commodity Credit Corporation: Loans made, 1933-48, and loans outstanding Dec. 31, 1948

Commodity or program	Unit of quantity	Total loans made, 1933-48 ¹		Loans outstanding Dec. 31, 1948			Quantity of collateral remaining pledged
		Quantity pledged	Amount	Book value ²			
				Held by C.C.C.	Held by lending agencies	Total	
Barley.....	1,000 bu.....	64,086	1,000 dollars 44,208	1,000 dollars 9,732	1,000 dollars 11,700	1,000 dollars 21,432	18,712
Butter.....	1,000 lb.....	127,166	32,156				
Corn.....	1,000 bu.....	1,270,969	766,476	13,774	28,057	41,831	30,282
Cotton.....	1,000 bales.....	35,200	2,689,343	320,954	242,049	563,003	3,516
Dates.....	1,000 lb.....	1,533	61				
Dry beans.....	1,000 cwt.....	2,516	19,091	12,377	4,153	16,530	2,058
Dry peas.....	1,000 cwt.....	95	390				
Figs.....	1,000 tons.....	14.6	260				
Fiber flax.....	1,000 lb.....	2,579	1,237				
Flaxseed.....	1,000 bu.....	4,384	13,582	648	3,491	4,139	723
Grain sorghums.....	1,000 bu.....	11,374	22,940	3,420	10,926	14,346	6,079
Hops.....	1,000 lb.....	7,077	1,388				
Miscellaneous seeds.....	1,000 lb.....	69,071	4,122				
Naval stores:							
Rosin.....	1,000 drums.....	3,402	50,742	16,293		16,293	203,428
Turpentine.....	1,000 bbl.....	810	15,310	1,820		1,820	3,670
Oats.....	1,000 bu.....	14,756	8,893	1,133	5,859	6,992	10,614
Peanuts.....	1,000 tons.....	1,144.4	180,332	30,051	4,738	34,789	326,971
Pecans.....	1,000 lb.....	3,705	371				
Potatoes, Irish.....	1,000 cwt.....	133,453	143,301				
Potatoes, sweet.....	1,000 cwt.....	77	150	4,533	10,935	15,468	11,244
Prunes.....	1,000 tons.....	170	8,137				
Raisins.....	1,000 tons.....	237.3	9,079				
Rice.....	1,000 cwt.....	103	451	239	176	415	95
Rye.....	1,000 bu.....	14,189	7,359	98	540	638	519
Soybeans.....	1,000 bu.....	18,478	36,582	2,544	7,050	9,594	4,314
Tobacco.....	1,000 lb.....	920,835	314,035	128,964		128,964	346,750
Wheat.....	1,000 bu.....	1,936,328	2,202,822	73,791	342,911	416,702	203,571
Wool and mohair.....	1,000 lb.....	93,978	16,830				
Other loans.....			10,480				
Total.....			6,600,128	620,371	672,585	1,292,956	

¹ Includes loans made directly by Commodity Credit Corporation and loans made by banks and other lending agencies under Commodity Credit Corporation obligations to purchase. Renewals and extensions of loans previously made are excluded.

² Book values of outstanding loans include face amounts and any charges paid. Accrued charges are excluded.

Commodity Credit Corporation.

TABLE 750.—Commodity Credit Corporation loan-program operations: Loans made, settled, and outstanding, by commodities, 1948

Commodity	Loans outstanding, Jan. 1, 1948	New loans made	Re-payment	Col-lateral ac-quired in settle-ment	Loans written off ¹	Loans outstanding, Dec. 31, 1948		
						Held by Com-munity Credit Corp.	Held by private lending agencies	Total
Basic commodities:	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Corn.....	17	43,278	1,461	.....	2	13,775	28,057	41,832
Cotton.....	22,338	575,081	31,500	2,868	48	320,954	242,049	563,003
Peanuts.....	26,481	52,521	44,213	.....	.....	30,051	4,738	34,789
Rice.....	.....	451	36	.....	.....	239	176	415
Tobacco.....	176,020	96,061	143,084	.....	33	128,964	.....	128,964
Wheat.....	38,091	425,476	46,349	125	392	73,791	342,910	416,701
Total, basic commodities.....	262,947	1,192,868	266,643	2,993	475	567,774	617,930	1,185,704
Other commodities:								
Barley.....	255	22,014	811	16	11	9,732	11,699	21,431
Beans, dry, edible.....	1	16,545	16	.....	.....	12,377	4,153	16,530
Cotton, American-Egyptian.....	34	89	116	7	.....	.....	.....	.....
Flax fiber.....	359	502	.....	860	1	.....	.....	.....
Flaxseed.....	2,053	4,453	1,798	560	14	648	3,491	4,139
Grain sorghums.....	32	14,417	103	.....	.....	3,420	10,926	14,346
Naval stores:								
Rosin.....	56	17,103	864	.....	2	16,293	.....	16,293
Turpentine.....	1,589	1,972	163	1,482	96	1,820	.....	1,820
Oats.....	114	7,128	247	.....	3	1,132	5,860	6,992
Potatoes, Irish.....	6,958	19,428	10,598	.....	320	4,533	10,935	15,468
Rye.....	.....	656	18	.....	.....	98	540	638
Seeds, hay and pasture.....	.....	.....	.....	.....	.....	.....	.....	.....
Seeds, winter cover crop.....	.....	.....	.....	.....	.....	.....	.....	.....
Soybeans.....	5,114	10,910	6,430	.....	.....	2,544	7,050	9,594
Total, other commodities.....	16,570	115,217	21,164	2,925	447	52,597	54,654	107,251
Grand total.....	279,517	1,308,085	287,807	5,918	922	620,371	672,584	1,292,955

¹ Includes transfers to accounts receivable.

Commodity Credit Corporation.

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TABLE 751.—Commodity Credit Corporation: Inventory transactions, by program and commodity, 1948

Program and commodity	Value					Quantity					
	Inventory, Jan. 1, 1948	Purchases	Collateral acquired from loans	Sales	Inventory, Dec. 31, 1948 ¹	Unit of quantity	Inventory, Jan. 1, 1948	Purchases	Collateral acquired from loans	Sales	Inventory, Dec. 31, 1948 ¹
Price support program:	1,000	1,000	1,000	1,000	1,000						
Basic commodities:	dollars	dollars	dollars	dollars	dollars		Thou-	Thou-	Thou-	Thou-	Thou-
Cotton, Upland.....	1,156	91	2,952	3,605	1,021	Bales.....	13	1	29	31	8
Peanuts.....	22,763	102,190		76,536	43,358	Pounds.....	222,464	759,337		596,200	349,922
Tobacco.....	1,543				1,739	do.....		6,981			6,385
Wheat.....		24	126	105	54	Bushels.....		11	63	56	78
Total, basic commodities.....	23,919	103,848	3,078	80,246	46,172						
Steagall commodities:											
Cotton, American-Egyptian..	211		7	289	7	Bales.....	1			1	
Eggs.....	58,050	33,945		28,838	38,951	Pounds.....	91,626	26,662		58,576	51,023
Flaxseed.....		128,458	665	3,529	128,787	Bushels.....		21,345	114	584	20,068
Linseed oil.....	420	10,702		2,828	8,627	Pounds.....	1,444	39,931		9,669	31,720
Milk, dried.....	1,162	233		1,376		do.....	13,053	1,222		13,071	
Potatoes, Irish.....	4,536	121,539		27,445	4,362	do.....	177,584	5,009,985		4,978,991	198,143
Soybeans.....				11		Bushels.....					
Sweetpotatoes.....	229	257		578		Pounds.....	7,706	8,240		15,678	
Turkeys.....	34			38		do.....	101			101	
Total, Steagall commodities	64,642	294,868	672	64,932	180,734						
All other:											
Barley.....			16		16	Bushels.....			14		14
Flax fiber.....	141	1	867	511	284	Pounds.....	286	2	1,824	1,509	603
Fruit, dehydrated and dried..	342	45,670		30,932	254	do.....	4,480	517,582		518,910	3,150
Grapefruit juice.....		4,892		3,159		do.....		88,718		88,718	
Hemp and hemp fiber.....	69	248		2	296	do.....	308	10,844		10,844	1,246
Honey.....		1,381		507		do.....				1,389	
Naval stores,—turpentine.....			1,482	377	918	Gallons.....			2,363	955	1,408
Seeds, hay and pasture.....	734	9		270	320	Pounds.....	8,906	53	1	5,906	3,054
Seeds, winter cover crop.....	2,320			2,415		do.....	34,430			34,398	
Sugar, Puerto Rican and Virgin Islands.....		8		8		do.....		2,212		2,212	
Sugar, Puerto Rican and Virgin Islands subsidy.....		191		295		do.....		2,680		2,680	
Tung oil.....		1,950		1,079	826	do.....		7,801		4,728	3,069
Vegetables, canned.....						do.....					
Wool.....	193,761	63,075		148,600	91,938	do.....	341,749	80,719		288,126	124,607
Total, all other.....	197,367	117,425	2,365	188,155	94,852						
Total, price support.....	285,927	516,141	6,115	333,333	321,758						

Supply program:											
Cotton	6,155	2,015		7,648	566	Bales	37	10		44	3
Feed for Government facilities		275		270		Tons		5		5	
General supply program	30,467	327,444		352,217	17,728	Pounds	399,852	4,766,258		4,915,634	247,882
Grains	225,359	781,622		949,004	114,037	Bushels	77,953	486,008		504,047	58,775
Mexican meat, canned		28,689		13,874	15,710	Pounds		103,348		46,555	56,776
Oils, vegetable	314	5,482		5,817	274	do	1,122	23,452		23,147	1,410
Soybeans		2,194		1,571	668	Bushels		856		602	254
Other		897		1,049				18		18	
Total, supply program	262,295	1,148,618		1,331,459	148,983						
Foreign purchase program:											
Beet seed		309		312		Pounds		478		478	
Fats and oils	1,805	13,050		14,684		do	5,250	112,184		117,244	
Fish, Icelandic		967		969		do		7,533		7,533	
Rice		30,652		31,995		do		425,238		425,238	
Sugar, Cuban (prior to Oct. 31, 1947)		2,193		3,374		do		13,057		13,052	
Sugar, Cuban		4,268		2,622		do		64,270		64,268	
Sugar, purchased for export		93,750		93,879		do		2,301,129		2,301,129	
Mexican meat, canned		31		42		do		112		112	
Total, foreign purchase	1,805	145,220		147,877							
Grand total	550,027	1,809,979	6,115	1,812,669	470,741						

¹ Inventory adjustments and similar items, not shown separately, are reflected in the inventory at end of year.

² Deduct.

Commodity Credit Corporation.

CHAPTER X

AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Also included are historical data on payments to farmers, as well as data on land use.

Two new tables appear this year on the flood-control operations of the Soil Conservation Service, and one new table on lumber production by species and by States.

TABLE 752.—*Payments made to assist farmers carrying out conservation practices under the agricultural conservation program, by program years, 1936-48*¹

Program year	Payment	Program year	Payment	Program year	Payment
	<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
1936.....	60,732	1941.....	123,960	1946.....	267,555
1937.....	90,791	1942.....	168,087	1947.....	244,748
1938.....	93,919	1943.....	215,242	1948.....	124,503
1939.....	117,078	1944.....	293,867		
1940.....	116,008	1945.....	231,068		

¹ Includes payments under Naval Stores Program. Administrative expenses not included.

Production and Marketing Administration. Data on parity payments, adjustment payments, and other payments under agricultural conservation program in Agricultural Statistics 1946, table 705.

FOOTNOTES FOR TABLE 753:

¹ Turpentine places under the Naval Stores Program are not included in "Participating farms" but number of payees under such program are included in "Payees."

² Cropland on participating farms as percentage of total cropland acreage in State.

³ Totals are rounded from complete figures.

⁴ Includes 1,130 farms which participated in manager type agreements but which did not receive an individual farm payment, and 28 farms operated by managers of pools who received payments only as managers.

⁵ Includes 28 payees who were managers of pooling agreements and received payment only as managers.

Production and Marketing Administration.

TABLE 753.—Number of farms, percentage of cropland on participating farms, payees, and payments under the 1947 agricultural conservation program, by States

State and division	Participating farms ¹	Percentage of cropland ²	Payees	Payments ³			
				Soil and range-building practices	Naval stores	Total gross payments	Average payment per payee
	Number	Percent	Number	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
Maine.....	10,690	57.1	10,690	1,055	-----	1,055	98.74
New Hampshire.....	5,649	52.3	5,649	417	-----	417	73.89
Vermont.....	11,213	73.8	11,156	800	-----	800	71.72
Massachusetts.....	8,334	61.2	8,337	768	-----	768	92.07
Rhode Island.....	899	50.0	899	74	-----	74	81.77
Connecticut.....	5,160	60.5	5,171	483	-----	483	93.40
New York.....	65,409	60.3	65,461	5,833	-----	5,833	89.10
New Jersey.....	11,439	86.4	11,808	1,059	-----	1,059	89.87
Pennsylvania.....	82,438	71.3	86,746	5,358	-----	5,358	61.77
North Atlantic.....	201,231	65.6	205,917	15,847	-----	15,847	76.96
Ohio.....	128,146	66.2	162,989	8,381	-----	8,381	51.42
Indiana.....	111,073	76.6	136,953	7,060	-----	7,060	51.55
Illinois.....	145,564	70.7	171,831	10,693	-----	10,693	62.23
Michigan.....	104,364	64.2	119,786	6,930	-----	6,930	57.86
Wisconsin.....	135,264	77.5	147,175	8,054	-----	8,054	54.72
Minnesota.....	118,474	63.6	128,268	8,335	-----	8,335	64.98
Iowa.....	144,881	71.8	182,206	11,150	-----	11,150	61.19
Missouri.....	130,824	62.8	140,791	11,018	-----	11,018	78.26
North Dakota.....	48,803	77.0	50,175	6,661	-----	6,661	132.75
South Dakota.....	36,472	61.6	39,024	5,812	-----	5,812	148.94
Nebraska.....	76,772	58.1	93,469	7,693	-----	7,693	82.31
Kansas.....	62,609	56.9	69,717	8,737	-----	8,737	125.32
North Central.....	1,243,246	66.9	1,442,384	100,524	-----	100,524	69.69
Delaware.....	4,854	70.3	5,688	489	-----	489	85.93
Maryland.....	17,832	63.5	19,496	1,914	-----	1,914	98.17
Virginia.....	66,646	64.0	70,557	4,998	-----	4,998	70.84
West Virginia.....	31,043	57.3	31,072	2,431	-----	2,431	78.23
North Carolina.....	125,874	68.1	138,030	7,209	-----	7,209	52.22
South Carolina.....	52,220	66.1	53,827	3,554	4	3,558	66.10
Georgia.....	78,714	67.6	88,838	6,699	464	7,163	80.62
Florida.....	22,388	49.5	23,853	2,568	162	2,730	114.47
South Atlantic.....	399,571	64.8	431,361	29,861	630	30,491	70.69
Kentucky.....	134,500	80.7	140,326	8,368	-----	8,368	59.63
Tennessee.....	103,941	64.2	105,698	7,152	-----	7,152	67.67
Alabama.....	66,321	58.6	70,863	6,190	44	6,234	87.97
Mississippi.....	64,591	63.5	66,813	6,936	18	6,954	104.08
Arkansas.....	83,249	68.3	91,660	5,999	3	6,002	65.45
Louisiana.....	31,098	53.8	33,226	3,843	-----	3,843	115.76
Oklahoma.....	70,380	44.0	73,981	7,853	-----	7,853	106.15
Texas.....	133,834	47.7	141,520	20,190	-----	20,190	142.66
South Central.....	687,914	56.2	724,087	66,531	65	66,596	91.97
Montana.....	16,051	63.0	16,539	3,941	-----	3,941	238.30
Idaho.....	17,707	69.1	20,684	2,226	-----	2,226	107.64
Wyoming.....	6,766	68.6	7,291	1,958	-----	1,958	268.49
Colorado.....	21,747	61.3	24,782	3,997	-----	3,997	161.30
New Mexico.....	10,282	71.1	11,440	2,612	-----	2,612	228.31
Arizona.....	2,862	63.7	3,101	1,683	-----	1,683	542.81
Utah.....	4,126	72.3	5,161	1,284	-----	1,284	110.05
Nevada.....	1,387	67.1	1,408	429	-----	429	304.44
Washington.....	20,973	76.7	21,559	3,335	-----	3,335	154.69
Oregon.....	16,825	59.3	17,218	2,905	-----	2,905	163.72
California.....	25,641	43.2	26,410	6,260	-----	6,260	237.03
Western.....	152,803	62.1	162,103	30,631	-----	30,631	188.96
Alaska.....	142	45.5	142	19	-----	19	133.04
Hawaii.....	1,161	33.4	1,161	82	-----	82	70.91
Puerto Rico.....	43,726	80.0	65,220	557	-----	557	8.54
Insular.....	45,029	68.2	66,523	658	-----	658	9.90
Total.....	2,729,794	63.5	3,032,375	244,052	695	244,747	80.71

See footnotes on preceding page.

TABLE 754.—Selected soil-building and range-building practices carried out under agricultural conservation programs, by program years, 1938-47¹

Practice	Unit	1938	1939	1940	1941	1942	1943	1944	1945	1946	1947
Application of materials:											
Ground limestone or equivalent	1, 000 tons	5, 016	5, 792	12, 001	13, 524	18, 971	19, 030	23, 828	21, 338	28, 576	29, 286
Do	1, 000 acres	3, 474	4, 138	7, 691	8, 277	10, 765	11, 182	13, 844	11, 570	14, 288	14, 590
Superphosphate (20 percent or equivalent)	1, 000 tons	397	510	749	909	1, 073	1, 873	1, 949	2, 401	2, 705	2, 746
Do	1, 000 acres	2, 691	3, 550	5, 511	7, 079	8, 084	17, 203	15, 778	19, 645	20, 317	20, 784
Mulching	1, 000 tons	335	221	332	278	274	342	205	216	147	238
Do	1, 000 acres	144	93	134	115	118	266	138	121	82	156
Potash (50 percent K ₂ O or equivalent)	1, 000 tons	12	7	9	13	34	82	-----	119	142	175
Do	1, 000 acres	401	217	293	342	967	3, 822	-----	5, 495	6, 033	7, 184
Gypsum (18 percent sulphur or equivalent)	1, 000 tons	4	27	62	69	94	99	291	587	282	315
Do	1, 000 acres	96	138	266	413	246	641	724	631	658	744
Do	1, 000 acres	11, 143	11, 627	21, 524	14, 494	17, 343	25, 321	22, 880	18, 860	18, 282	18, 618
Green manure and cover crops²											
Erosion control and pasture improvement:											
Standard and broadbase terraces											
Do	1, 000 miles	74	67	55	45	42	58	87	53	78	82
Do	1, 000 acres	1, 241	1, 246	1, 104	1, 046	897	1, 089	1, 720	898	1, 562	1, 593
Open drainage ditches	1, 000 cu. yds.	-----	-----	-----	42	108	6, 271	55, 024	52, 648	89, 415	104, 195
Do	1, 000 rods	-----	-----	-----	-----	1	-----	3, 437	3, 871	4, 293	5, 148
Contour farming intertilled crops	1, 000 acres	4, 513	6, 049	7, 813	8, 121	9, 546	12, 239	13, 150	10, 192	6, 715	6, 192
Do	1, 000 acres	989	1, 113	1, 701	1, 473	2, 362	4, 837	7, 068	3, 700	2, 565	2, 565
Contour seeding small grain crops	1, 000 acres	2, 370	4, 146	7, 850	7, 302	8, 202	9, 815	10, 361	2, 323	4, 938	3, 855
Contour listing or furrowing	1, 000 acres	(⁵)	3, 887	5, 760	3, 809	2, 212	1, 185	1, 427	1, 624	2, 476	2, 009
Development of natural watering places	Number	(⁵)	3, 887	5, 760	3, 809	2, 212	1, 185	1, 427	1, 624	2, 476	2, 009
Protecting summer fallow	1, 000 acres	7, 489	8, 807	7, 417	8, 065	14, 105	10, 670	12, 324	14, 031	14, 048	12, 143
Establishment and maintenance of fireguards	1, 000 lin. ft.	18, 274	17, 720	27, 092	38, 873	59, 804	79, 022	84, 755	82, 656	85, 003	80, 244
Dams and reservoirs, earth moved, concrete and masonry materials											
Do	1, 000 cu. yds.	41, 632	49, 919	64, 654	51, 887	43, 852	49, 102	127, 267	94, 653	154, 357	139, 957
Do	Number	29, 721	35, 451	54, 040	54, 312	55, 863	59, 132	100, 017	70, 836	126, 060	118, 714
Drilling or digging wells	1, 000 lin. ft.	865	990	1, 104	805	792	911	1, 371	1, 391	1, 673	1, 334
Do	Number	5, 634	6, 860	4, 296	4, 273	5, 621	8, 761	7, 619	7, 522	9, 823	7, 522
Stripcropping	1, 000 acres	711	4, 577	5, 748	6, 194	8, 404	7, 118	6, 866	6, 783	6, 704	7, 068
Reseeding pasture land	1, 000 acres	1, 226	3, 243	3, 692	2, 950	2, 477	3, 084	4, 659	4, 209	4, 388	5, 238
Deferred grazing	1, 000 acres	32, 577	28, 941	28, 753	26, 338	19, 378	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)
Forestry practices:											
Planting trees	1, 000 acres	60	61	144	78	61	43	-----	18	44	45
Maintaining stands	1, 000 acres	63	151	190	166	177	108	-----	33	18	17
Improving stands	1, 000 acres	48	70	105	66	69	35	-----	(⁷)	35	62
Other practices:											
Harvesting hayseed and legume seed	1, 000 acres	-----	-----	-----	-----	-----	3, 119	6, 356	4, 108	2, 699	1, 551
Grazing land management	1, 000 acres	-----	-----	-----	-----	-----	81, 193	79, 780	81, 432	94, 849	27, 258

¹ Payments under the 1947 program with respect to these practices represent about 84 percent of the total 1947 practice payments. Practices carried out in Alaska, Hawaii, and Puerto Rico are not included.

² Does not include acreage of cover consisting of summer legumes interplanted or grown in combination with other crops, nor acreage of natural cover or cover of sudan, sorghum, or small-grain stubble for wind-erosion protection.

³ Revised.

⁴ Tillage for erosion control.

⁵ Extent of participation not available in units shown.

⁶ Estimated.

⁷ Less than 500 acres.

Production and Marketing Administration. Data for 1936 and 1937 in Agricultural Statistics, 1947, table 723.

TABLE 755.—Selected soil-building and range-building practices carried out under the 1947 agricultural conservation program, by States¹

State and division	Application of materials					Deferred grazing	Grazing land management	Reseed-ing pasture land
	Ground limestone or equivalent	20-percent super-phosphate or equivalent	50-percent muriate potash or equivalent	Gypsum (18-percent-sulphur)	Mulching			
	Tons	Tons	Tons	Tons	Tons	Acres	Acres	Acres
Maine.....	96,888	15,377	1,935		5,820			
New Hampshire.....	41,360	10,036	862		883			
Vermont.....	73,336	24,490	2,656		1,280			822
Massachusetts.....	77,559	13,306	2,757		5,967			
Rhode Island.....	7,425	1,852	133					
Connecticut.....	71,847	7,081	1,343		1,425			
New York.....	788,761	136,986	7,229		30,172			33,607
New Jersey.....	209,888	19,984	4,121		4,159			8,940
Pennsylvania.....	1,173,790	56,368						
North Atlantic.....	2,540,854	285,480	14,536		49,706			43,369
Ohio.....	1,979,201	163,451	27,764		14,032			24,421
Indiana.....	2,668,935	135,290	23,248		2,706			25,705
Illinois.....	4,761,340	315,856	8,708		458			6,310
Michigan.....	904,828	123,427	20,399		17,975			15,676
Wisconsin.....	2,156,440	112,093	24,350		2,052			78,944
Minnesota.....	347,246	53,199	3,415	2,600	2,808			58,493
Iowa.....	3,311,591	88,055	4,903					33,146
Missouri.....	3,300,825	89,988	8,417					24,347
North Dakota.....		1,125				(?)	2,821,805	37,674
South Dakota.....		1,130	42			362,748		86,488
Nebraska.....						1,394,193		30,609
Kansas.....	1,057,007	21,943			351	(?)	1,551,166	34,254
North Central.....	20,487,413	1,105,557	121,246	2,600	40,382	1,756,941	4,372,971	456,067
Delaware.....	73,254	3,469	541					1,993
Maryland.....	341,037	23,228	2,265					12,970
Virginia.....	892,060	131,844	5,099					7,376
West Virginia.....	412,698	43,953	493					
North Carolina.....	497,180	79,353	5,407					143,856
South Carolina.....	146,179	37,086	602					18,960
Georgia.....	296,761	126,372	8,873					383,242
Florida.....	87,726	86,667	2,238		398			88,975
South Atlantic.....	2,746,895	531,972	25,518		398			657,372
Kentucky.....	1,236,606	135,668	3,279					1,067,966
Tennessee.....	951,064	139,442	5,024					14,594
Alabama.....	294,493	97,236	1,260					111,003
Mississippi.....	161,412	74,768	394					241,891
Arkansas.....	156,828	56,428	883					442,728
Louisiana.....	85,334	31,403	386					215,528
Oklahoma.....	379,895	23,628				239,161		396,422
Texas.....	51,285	117,166	424	43,666		1,351,951		1,007,617
South Central.....	3,316,917	675,739	11,650	43,666		1,591,112		3,497,749
Montana.....	49	8,971		817		(?)	1,232,181	61,267
Idaho.....		18,554		9,056	431	(?)	2,184,152	39,077
Wyoming.....		2,924	1	1,414		(?)	2,388,179	64,431
Colorado.....		12,942	201	2,217	390	(?)	5,061,586	83,212
New Mexico.....		9,755		1,103		(?)		11,485
Arizona.....		5,169		20,281		(?)	5,405,193	867
Utah.....		10,038			657	128,548	563,831	41,520
Nevada.....		724				(?)	1,224	9,676
Washington.....	32,965	21,520	1,539	4,644	60,098	(?)	3,649,837	83,772
Oregon.....	62,116	14,875		18,044	6,671	(?)	1,582,270	63,305
California.....	92,814	39,816		210,847	79,033	217,435	816,736	116,389
Western.....	187,944	145,288	1,741	268,423	147,280	345,983	22,885,189	575,001
Alaska.....		16	3					182
Hawaii.....	290	22	4			24,091		8,492
Puerto Rico.....	5,364	1,827						
Insular.....	5,654	1,865	7			24,091		8,674
Total.....	29,285,677	2,745,901	174,698	314,689	237,766	4,718,127	27,258,160	5,238,232

¹ Payment for these practices represent 86 percent of the amount paid for all conservation practices under the 1947 program. ² Included as part of grazing land management practice.

³ Some deferred grazing is also included under grazing land management.

⁴ Incomplete to extent indicated in footnotes 2 and 3.

(Tabulation continued on next page.)

TABLE 755.—Selected soil-building and range-building practices carried out under the 1947 agricultural conservation program, by States¹—Continued

State and division	Developing natural watering places	Reservoirs and dams ²	Wells	Eradication of competitive plants on non-crop pasture and range land	Green manure and cover crops	Stripcropping		Protecting summer fallow
						On contour	Field	
	Number	Number	Number	Acres	Acres	Acres	Acres	Acres
Maine.....					2,132			
New Hampshire.....					542	2,446		
Vermont.....								
Massachusetts.....					31,562	53		
Rhode Island.....		6			4,276			
Connecticut.....					28,931	172		
New York.....		494			120,667	4,084	1,338	
New Jersey.....					211,659	949		
Pennsylvania.....		293			113,198	49,413		
North Atlantic.....		793			512,967	57,117	1,338	
Ohio.....		545			208,363	49,387	24,725	
Indiana.....		511			173,586	1,271	787	
Illinois.....		343			701,090	12,058		
Michigan.....					505,377		8,853	
Wisconsin.....		709			92,501	304,367	220,816	
Minnesota.....					887,297	122,444	294,209	198,356
Iowa.....		18,585			1,527,606	35,738		
Missouri.....		7,709			261,132			
North Dakota.....	63	732	216		10,323	23,056	1,077,956	3,110,788
South Dakota.....	159	7,020	373		156,486	73,232	282,372	185,916
Nebraska.....		15,026	755		826,312		452,734	1,244,320
Kansas.....	12	3,259	562	40,271	176,172	12,095	49,266	2,346,492
North Central.....	234	54,439	1,906	40,271	5,556,245	633,648	2,411,718	7,085,872
Delaware.....					74,505			
Maryland.....					131,278	6,726		
Virginia.....		215			296,080	4,786		
West Virginia.....					8,913	2,540		
North Carolina.....		360			813,917	5,874		
South Carolina.....					639,887			
Georgia.....		814			1,640,445			
Florida.....					365,308			
South Atlantic.....		1,389			3,970,933	19,926		
Kentucky.....		3,575			1,044,935			
Tennessee.....		4,012			912,177			
Alabama.....		238			834,289			
Mississippi.....		6,616			1,023,297			
Arkansas.....	238	5,604			1,363,757			
Louisiana.....		1,048			552,869			
Oklahoma.....		7,947	434	28,068	575,229	497	19,213	91,929
Texas.....		13,647	2,219	1,212,959	1,470,183	8,654	36,308	153,343
South Central.....	238	42,687	2,653	1,241,027	7,776,736	9,151	55,521	245,272
Montana.....	279	2,441	574	3,509	35,266	24,316	3,370,928	59,682
Idaho.....	77	285	13	1,533	63,632	155	2,195	486,004
Wyoming.....	90	1,818	520	7,170	14,948	1,456	244,250	159,846
Colorado.....	95	1,351	597	2,561	51,839	3,520	162,855	1,367,819
New Mexico.....	40	7,323	627		3,846	3,698	24,414	141,023
Arizona.....	40	1,142	136	15,925	25,500	20		
Utah.....	42	1,912	42	32,016	7,932	388		205,454
Nevada.....	20	622	50	1,373	620			
Washington.....	134	138	37	5,106	64,695			1,556,159
Oregon.....	118	1,122	80		100,823	1,340	544	444,854
California.....	602	1,252	287	30,740	323,114	9,036	30,877	391,187
Western.....	1,537	19,406	2,963	99,933	692,215	43,929	3,836,063	4,812,028
Alaska.....					133			
Hawaii.....				29,514	260			233
Puerto Rico.....					108,132			
Insular.....				29,514	108,525			233
Total.....	2,009	118,714	7,522	1,410,745	18,617,621	763,771	6,304,640	12,143,405

² Includes 68,930 reservoirs to obtain better distribution of livestock, 48,349 erosion control reservoirs, and 1,435 reservoirs for irrigation water.
(Tabulation continued on next page.)

TABLE 755.—Selected soil-building and range-building practices carried out under the 1947 agricultural conservation program, by States¹—Continued

State and division	Establishing sod water-ways	Terracing	Contour farming		Tillage for erosion control ²	Drainage		Harvesting legume and grass seeds
			Inter-tilled crops	Drilled crops		Open ditches	Enclosed drains	
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Maine.....	120	5	3,440	1,595		844		
New Hampshire.....						976	38	
Vermont.....						2,389	75	
Massachusetts.....	2	24	61	7		18,312		
Rhode Island.....						88	144	
Connecticut.....		50						
New York.....	13	120				59,145	4,019	
New Jersey.....	16		3,259			1,512	993	
Pennsylvania.....	60						2,204	
North Atlantic.....	211	199	6,760	1,602		83,266	7,473	
Ohio.....	1,122	1,004	8,996	5,406		25,522	75,209	94,423
Indiana.....	974	2,051	29,973	26,917		77,984	52,543	67,625
Illinois.....	2,363	3,411	144,752	72,650		120,216	58,600	119,580
Michigan.....	146					493,814	103,326	
Wisconsin.....	6,919	2,237	51,984	41,001		294,681	20,619	
Minnesota.....	2,269	300	22,296	26,661		645,501	80,149	
Iowa.....	6,480	25,626	898,333	80,355		115,150	104,609	29,004
Missouri.....	1,468	52,352	211,825	86,257		276,088		
North Dakota.....	47		2,363	7,434	3,112	246,360		54,405
South Dakota.....	1,111	11,159	148,720	310,087	2,929	165,820		81,451
Nebraska.....	7,790	111,335	668,952	217,727		70,183		
Kansas.....	2,131	114,550	215,445	383,753	4,100	18,664		402,839
North Central.....	32,820	324,025	2,403,639	1,258,248	10,141	2,549,983	495,055	849,327
Delaware.....						2,474		1,578
Maryland.....		629	4,371	1,608	50	6,476	104	
Virginia.....	50	2,746				12,985	2,638	5,176
West Virginia.....								1,286
North Carolina.....	681	46,889	130,905	11,831		137,076	10,737	11,993
South Carolina.....		21,780				46,148	1,068	52,021
Georgia.....		122,410				72,624		150,537
Florida.....		3,474				46,825		13,699
South Atlantic.....	731	197,928	135,276	13,439	50	324,608	14,547	236,290
Kentucky.....	47	7,845	31,789	31,789		23,662	806	30,108
Tennessee.....	17	44,196	3,727			159,826		47,019
Alabama.....		92,911				45,228		
Mississippi.....		57,729				527,861		4,708
Arkansas.....	89	18,706	301,452			410,097		39,913
Louisiana.....		23,797				459,146		373
Oklahoma.....	432	238,097	479,109	624,839	929,385			82,686
Texas.....	538	556,568	2,579,532	495,916	1,990,221	109,812		40,012
South Central.....	1,123	1,039,849	3,395,609	1,152,544	2,919,606	1,735,632	806	244,819
Montana.....	112	338	345		1,601	26,991	818	
Idaho.....	67	196	511	21,768		34,881	990	84,779
Wyoming.....	3		436	1,799	18,842	27,931	1,640	10,976
Colorado.....	23	1,781	53,487	41,636	107,429	21,928	5,657	21,673
New Mexico.....	3	17,933	176,082		588,735	1,895	66	9,660
Arizona.....		1,145	1,068	1,114	6,772	320		38,900
Utah.....	2	729	81	30,022	1,528	14,179	3,741	45,500
Nevada.....						15,965		913
Washington.....	202	5,035		1,280		34,450	20,676	8,075
Oregon.....	73		79	23,126		74,425	23,929	
California.....	10	3,114	443	18,197	1,146	59,540	13,684	
Western.....	495	30,271	232,532	138,942	726,053	312,505	71,201	220,626
Alaska.....								
Hawaii.....		129	2,283		1,579			
Puerto Rico.....		233	16,176					
Insular.....		362	18,459		1,579			
Total.....	35,380	1,592,634	6,192,275	2,564,775	3,657,429	5,005,994	589,082	1,551,062

Footnotes 1 to 5 inclusive appear on preceding pages.

² Includes contour tillage operations on noncrop pasture and contour tillage operations on cropland to prevent erosion.

Production and Marketing Administration.

TABLE 756.—*Sugar beet programs: Payments to producers, by States, 1947 and 1948, and United States totals, 1937-48¹ (revised)*

State	Number of producers (payees)		Payments on sugar beets produced		Abandonment and deficiency payments		Total payments	
	1947 ²	1948 ³	1947 ²	1948 ³	1947 ²	1948 ³	1947 ²	1948 ³
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
California.....	2,640	2,500	7,460	5,750	229	400	7,689	6,150
Colorado.....	12,170	9,351	6,144	3,112	90	287	6,234	3,399
Idaho.....	9,760	7,887	4,444	3,081	79	105	4,523	3,186
Kansas.....	332	266	220	96	6	16	226	112
Michigan.....	8,112	5,919	1,063	1,219	304	74	1,367	1,293
Minnesota.....	883	769	754	1,001	72	45	826	1,046
Montana.....	3,904	3,139	2,322	1,730	95	102	2,417	1,832
Nebraska.....	4,858	3,503	1,926	1,004	160	190	2,086	1,194
North Dakota.....	476	477	385	525	39	28	424	553
Ohio.....	3,138	1,817	346	403	113	10	459	413
Oregon.....	1,288	834	1,307	1,002	20	30	1,327	1,032
South Dakota.....	350	266	136	85	8	9	144	94
Utah.....	5,446	4,553	1,788	1,036	14	113	1,802	1,149
Washington.....	801	689	864	602	24	14	889	616
Wisconsin.....	2,423	1,076	380	149	33	20	413	169
Wyoming.....	2,205	1,918	1,165	766	32	60	1,197	826
Other States.....	707	519	376	230	13	4	389	234
Total.....	59,493	45,477	31,080	21,791	1,331	1,507	32,411	23,298
Total:								
1937.....	64,887		16,266		864		17,130	
1938.....	77,489		21,389		738		22,127	
1939.....	78,647		20,438		926		21,364	
1940.....	74,689		22,464		793		23,257	
1941.....	67,197		18,657		432		19,089	
1942.....	78,038		27,769		2,048		29,817	
1943.....	50,372		16,363		1,246		17,609	
1944.....	50,106		17,426		1,205		18,631	
1945.....	55,306		21,614		1,304		22,918	
1946.....	59,347		26,411		1,350		27,761	

¹ Payments from 1937 through 1947 made under authority of Sugar Act of 1937, as amended. 1948 crop payments made under Sugar Act of 1948. ² Revised. ³ Estimated.

Production and Marketing Administration.

TABLE 757.—*Sugarcane programs: Payments to producers, 1940-48¹ (revised)*

Program year and item	Florida	Louisiana	Total mainland	Hawaii	Puerto Rico	Virgin Islands ²	Total insular	Grand total
1940:								
Producers (payees).....number..	40	15,635	15,675	2,100	12,096	-----	14,196	29,871
Payments.....1,000 dollars..	637	3,299	3,936	8,852	9,565	-----	18,417	22,353
1941:								
Producers (payees).....number..	40	14,509	14,549	1,898	13,840	-----	15,738	30,287
Payments.....1,000 dollars..	613	3,960	4,573	8,594	11,235	-----	19,829	24,402
1942:								
Producers (payees).....number..	36	14,329	14,365	1,796	13,778	780	16,354	30,719
Payments.....1,000 dollars..	709	6,281	6,990	8,147	13,118	26	21,291	28,281
1943:								
Producers (payees).....number..	34	13,439	13,473	1,840	13,090	692	15,622	29,095
Payments.....1,000 dollars..	701	6,715	7,416	8,251	12,202	56	20,509	27,925
1944:								
Producers (payees).....number..	35	12,662	12,697	1,605	13,039	604	15,248	27,945
Payments.....1,000 dollars..	740	5,913	6,653	8,211	13,055	41	21,307	27,960
1945:								
Producers (payees).....number..	21	10,344	10,365	1,440	13,194	525	15,159	25,524
Payments.....1,000 dollars..	837	6,015	6,852	7,796	13,276	56	21,128	27,980
1946:								
Producers (payees).....number..	27	10,151	10,178	1,045	13,437	512	14,994	25,172
Payments.....1,000 dollars..	839	5,800	6,639	6,574	15,061	67	21,702	28,341
1947:								
Producers (payees).....number..	25	9,605	9,630	1,402	13,650	534	15,586	25,216
Payments.....1,000 dollars..	826	5,478	6,304	8,109	15,500	44	23,653	29,957
1948: ³								
Producers (payees).....number..	25	10,200	10,225	1,098	14,500	538	16,136	26,361
Payments.....1,000 dollars..	808	6,492	7,300	8,431	17,355	66	25,852	33,152

¹ Payments from 1940 through 1947 made under authority of Sugar Act of 1937, as amended. 1948 crop payments made under Sugar Act of 1948. ² 1942 is the first year Virgin Islands was included in program. ³ Estimated.

Production and Marketing Administration.

TABLE 758.—Soil conservation districts: Dates of State laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memorandums of understanding with the United States Department of Agriculture, cumulative to Dec. 31, 1948

Division and State or Territory	Date district law became effective	Districts organized ¹	Approximate area and farms within organized districts			Districts having memorandums of understanding with U.S.D.A. ²
			Total area	Farms (and ranches)	Land in farms	
New England:		<i>Number</i>	<i>Acres</i>	<i>Number</i>	<i>Acres</i>	<i>Number</i>
Maine.....	Mar. 25, 1941	13	13,411,460	35,605	3,681,613	13
New Hampshire.....	May 10, 1945	10	5,775,360	18,786	2,017,049	10
Vermont.....	Apr. 18, 1939	13	5,931,392	26,490	3,930,514	13
Massachusetts.....	June 28, 1945	14	4,995,840	36,891	2,071,422	14
Rhode Island.....	Apr. 26, 1943	3	677,120	3,603	264,734	3
Connecticut.....	July 18, 1945	7	2,535,040	20,372	1,272,988	7
Middle Atlantic:						
New York.....	July 20, 1940	35	16,842,240	99,471	11,893,772	33
New Jersey.....	July 1, 1937	7	4,785,280	26,143	1,817,448	7
Pennsylvania.....	July 2, 1937	22	9,356,165	57,161	5,110,394	20
East North Central:						
Ohio.....	June 5, 1941	65	18,812,352	157,709	16,227,805	65
Indiana.....	Mar. 11, 1937	41	9,535,810	72,362	8,513,014	40
Illinois.....	July 9, 1937	88	29,171,648	176,198	27,579,480	87
Michigan.....	July 23, 1937	52	16,761,273	111,242	11,790,214	50
Wisconsin.....	July 1, 1937	58	29,389,440	159,789	21,734,465	53
West North Central:						
Minnesota.....	Apr. 26, 1937	38	10,681,821	62,239	10,439,319	38
Iowa.....	July 4, 1939	92	31,809,956	193,498	31,801,234	90
Missouri.....	July 23, 1943	20	6,770,295	44,182	6,770,295	20
North Dakota.....	Mar. 16, 1937	73	37,862,757	62,984	33,864,762	67
South Dakota.....	July 1, 1937	47	22,048,851	45,847	22,048,851	47
Nebraska.....	May 18, 1937	83	44,394,137	109,861	43,533,002	80
Kansas.....	Apr. 10, 1937	91	45,331,840	124,919	41,991,243	86
South Atlantic:						
Delaware.....	Apr. 2, 1943	3	1,265,920	9,296	923,350	3
Maryland.....	June 1, 1937	23	6,098,560	40,779	4,052,182	22
Virginia.....	Apr. 1, 1938	22	21,853,824	142,513	14,001,390	22
West Virginia.....	June 12, 1939	14	12,892,381	86,320	7,882,613	14
North Carolina.....	Mar. 22, 1937	22	27,295,960	251,105	16,758,662	22
South Carolina.....	Apr. 17, 1937	28	19,580,160	147,745	11,021,623	28
Georgia.....	Mar. 23, 1937	25	35,920,832	217,956	23,032,892	24
Florida.....	June 10, 1937	44	22,085,791	50,939	9,649,853	43
East South Central:						
Kentucky.....	June 11, 1940	98	19,610,900	183,810	15,621,859	92
Tennessee.....	Mar. 10, 1939	31	8,707,840	93,187	6,878,206	31
Alabama.....	Mar. 18, 1939	12	32,689,920	223,369	19,067,844	12
Mississippi.....	Apr. 4, 1938	70	29,106,512	256,346	19,021,540	69
West South Central:						
Arkansas.....	July 1, 1937	52	29,492,600	160,261	14,745,827	52
Louisiana.....	July 27, 1938	25	26,653,500	125,847	9,804,899	25
Oklahoma.....	Apr. 15, 1937	77	41,376,800	159,360	33,156,413	77
Texas ³	Apr. 24, 1939	151	142,327,400	343,188	116,237,525	133
Mountain:						
Montana ⁴	Feb. 28, 1939	66	61,242,159	27,314	37,150,655	65
Idaho.....	Mar. 9, 1939	26	16,311,911	20,516	6,831,174	24
Wyoming.....	May 22, 1941	35	28,079,233	8,069	10,642,317	32
Colorado.....	May 6, 1937	80	28,073,393	31,315	18,687,549	72
New Mexico.....	Mar. 17, 1937	58	50,068,558	25,033	35,405,791	57
Arizona.....	June 16, 1941	44	1,057,986	7,150	1,052,926	41
Utah.....	Mar. 23, 1937	39	39,162,580	22,584	10,237,596	39
Nevada.....	Mar. 30, 1937	16	36,133,784	1,205	2,203,277	14
Pacific:						
Washington.....	Mar. 17, 1939	53	25,799,180	59,116	11,156,729	45
Oregon.....	Apr. 7, 1939	27	5,401,817	8,549	3,526,943	27
California ⁵	June 20, 1938	56	9,154,002	39,180	6,322,593	53
Total.....		2,069	1,144,323,580	4,387,044	773,427,846	1,981
Territorial:						
Puerto Rico.....	July 1, 1946	17	1,885,601	55,508	1,885,601	17
Virgin Islands.....	June 1947	2	85,120	1,150	85,120	2
Hawaii.....	May 19, 1947	3	186,025	547	139,290	2
Alaska.....	Mar. 25, 1947	3	1,402,920	745	97,500	1
Grand total.....		2,094	1,147,883,246	4,444,994	775,635,357	2,003

¹ For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws.

² Upon request, the United States Department of Agriculture enters into memorandums of understanding with districts for such assistance from departmental agencies as may be available.

³ Includes 10 wind-erosion districts. ⁴ Includes 22 States cooperative grazing districts.

⁵ Includes the Imperial Irrigation District.

Soil Conservation Service.

TABLE 759.—*Soil conservation districts and other districts organized each calendar year to Dec. 31, 1948*¹

Year	Districts organized		Total area in districts		Approximate land in farms within districts	
	Each year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total
	Number	Number	Acres	Acres	Acres	Acres
1937.....	13	13	8,002,022	8,002,022	5,446,646	5,446,646
1938.....	96	109	51,037,951	59,039,973	30,179,782	35,626,428
1939.....	108	217	60,450,905	119,490,878	43,078,781	78,705,209
1940.....	212	429	147,584,445	267,075,323	96,706,117	176,411,326
1941 ²	224	653	115,553,677	382,629,000	80,571,694	255,983,020
1942 ²	173	826	96,500,000	479,129,000	53,556,915	309,539,935
1943 ³	177	1,003	86,750,000	565,879,000	57,674,893	367,214,828
1944 ³	218	1,221	109,298,084	675,177,084	76,494,798	443,709,626
1945 ⁴	241	1,462	127,419,434	802,596,518	79,120,967	522,830,593
1946 ⁴	294	1,756	143,216,060	945,812,578	94,928,648	617,759,241
1947 ⁴	207	1,963	106,535,062	1,052,347,640	104,545,970	722,305,211
1948 ⁴	131	2,094	95,535,606	1,147,883,246	53,330,146	775,635,357

¹ Totals at the end of each year are net, including corrections and adjustments made during the year.

² Includes wind erosion districts.

³ Includes wind erosion districts and grazing districts.

⁴ Includes wind erosion districts, grazing districts, and Imperial Irrigation District (California).

⁵ Adjusted to the 1945 Census of Agriculture.

Soil Conservation Service.

TABLE 760.—*Land use at the time of planning and planned use of area covered by active conservation plans in soil conservation districts as of Dec. 31, 1948*¹

Land use	Acreage at time of planning	Planned use of same acreage							
		Culti- vated land	Per- manent hay	Orchard and vine- yard	Pasture or range	Forest range	Wood- land	Wild- life	Miscel- laneous
Cultivated land.....	Acres 62,825,818	Acres 64,362,611	Acres 2,973,506	Acres 116,541	Acres 5,050,676	Acres 53,129	Acres 197,092	Acres 56,556	Acres 25,707
Permanent hay.....	2,839,827	145,676	2,495,349	6,855	181,666	1,714	5,142	1,714	1,714
Orchard and vineyard.....	963,176	34,277	32,563	718,097	171,384	1,714	3,428	-----	1,713
Pasture or range.....	64,783,020	664,969	325,629	111,399	63,067,469	269,072	291,352	39,418	13,712
Forest range.....	11,690,079	176,525	66,840	20,568	3,138,035	6,312,060	1,936,635	32,562	6,854
Woodland.....	18,612,264	334,198	89,119	18,852	1,067,720	514,151	16,514,623	63,412	10,284
Wildlife.....	383,899	6,855	3,428	-----	17,138	-----	17,138	537,622	1,714
Idle land.....	5,443,145	1,302,516	1,069,434	47,987	2,125,157	56,557	524,434	234,796	82,264
Miscellaneous.....	3,842,422	53,129	27,421	5,142	126,824	8,569	37,704	53,129	3,530,604
Total.....	171,383,650	57,070,756	7,083,286	1,045,441	74,946,069	7,216,966	19,527,453	819,213	3,674,466
Net change, acres.....	-----	-5,755,062	+4,243,459	+82,265	+10,163,049	-4,473,113	+915,189	+435,314	-167,956
Net change, percent.....	-----	-9.16%	+149.43%	+8.54%	+15.69%	-38.26%	+4.92%	+113.39%	-4.37%

¹ The acreage at time of planning by land use adds vertically to give the total acres in 619,722 active conservation plans. The planned use of those same acres by land use are shown horizontally across the table.

Soil Conservation Service.

TABLE 761.—Soil conservation surveys of the Soil Conservation Service within soil conservation districts, and total acreage mapped, by States, 1948 and cumulative to Dec. 31, 1948

Division and State or Territory	Soil conservation surveys for farm planning ¹		Reconnaissance soil conservation surveys	
	Work during 1948	Cumulative total	Work during 1948	Cumulative total
New England:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Maine.....	147, 620	1, 733, 445		
New Hampshire.....	112, 377	589, 906		
Vermont.....	133, 904	1, 326, 002		
Massachusetts.....	82, 613	240, 933		
Rhode Island.....	27, 910	213, 412		
Connecticut.....	49, 781	176, 728		
Middle Atlantic:				
New York.....	313, 273	6, 650, 413		
New Jersey.....	103, 437	2, 187, 233		
Pennsylvania.....	194, 076	1, 964, 675		
East North Central:				
Ohio.....	517, 177	4, 321, 346		
Indiana.....	337, 579	2, 153, 862		247, 040
Illinois.....	813, 545	8, 685, 685		
Michigan.....	224, 071	2, 236, 894		
Wisconsin.....	519, 151	7, 586, 460		914, 040
West North Central:				
Minnesota.....	489, 893	4, 559, 400		1, 270, 900
Iowa.....	877, 695	7, 663, 158	366, 241	3, 004, 413
Missouri.....	237, 469	1, 808, 586		172, 800
North Dakota.....	772, 031	5, 509, 610	952, 320	25, 168, 212
South Dakota.....	1, 175, 645	10, 697, 868	90, 221	7, 950, 469
Nebraska.....	1, 103, 431	6, 963, 924		49, 057, 920
Kansas.....	1, 067, 373	5, 703, 736		52, 552, 320
South Atlantic:				
Delaware.....	32, 447	336, 628		
Maryland.....	108, 738	3, 700, 196		
Virginia.....	759, 066	6, 806, 296		836, 312
West Virginia.....	649, 026	4, 740, 733		
North Carolina.....	751, 706	9, 713, 903	11, 178	242, 218
South Carolina.....	915, 133	10, 425, 463	234, 890	6, 826, 825
Georgia.....	1, 239, 757	20, 769, 227	17, 920	2, 550, 090
Florida.....	912, 956	6, 530, 202		1, 305, 020
East South Central:				
Kentucky.....	1, 063, 570	5, 150, 501		32, 968
Tennessee.....	416, 494	4, 850, 658		
Alabama.....	1, 347, 083	13, 196, 115		2, 180, 700
Mississippi.....	1, 521, 568	10, 829, 071		523, 880
West North Central:				
Arkansas.....	943, 956	13, 450, 903		2, 135, 726
Louisiana.....	501, 665	6, 688, 558		3, 682, 650
Oklahoma.....	889, 276	23, 681, 960		
Texas.....	2, 490, 753	34, 747, 734		10, 775, 653
Mountain:				
Montana.....	506, 656	3, 806, 884		
Idaho.....	93, 132	2, 463, 071		
Wyoming.....	144, 424	822, 641	460	2, 522, 927
Colorado.....	203, 698	4, 893, 542		
New Mexico.....	67, 310	8, 155, 120		
Arizona.....	57, 764	397, 463		
Utah.....	100, 293	3, 276, 730		
Nevada.....	54, 983	2, 014, 246		
Pacific:				
Washington.....	596, 143	4, 473, 389		
Oregon.....	217, 943	1, 322, 105		
California.....	314, 271	3, 040, 541	113, 350	689, 252
Total.....	26, 209, 952	293, 263, 166	1, 786, 580	174, 642, 335
Territorial:				
Caribbean area.....	120, 779	513, 339		289, 263
Alaska.....				
Hawaii.....	846	846		
Grand total.....	26, 331, 577	293, 777, 351	1, 786, 580	174, 931, 598

¹ Soil conservation surveys showing kinds of soil, slope, degree of erosion and present land use are used to determine land capabilities for conservation planning and treatment of entire farms and ranches and of group enterprises.

Soil Conservation Service.

TABLE 762.—*Conservation practices planned and applied through farmer district cooperation, with Soil Conservation Service assistance, by States, cumulative as of Dec. 31, 1948*¹

Division and State or Territory	Contour farming	Cover crops	Stubble mulching	Strip cropping	Range and pasture improvement ²	Seeding range and pasture	Wood-land management
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Total planned in districts ³	27,189,623	15,691,693	32,229,725	7,541,143	80,920,439	11,163,543	16,212,078
APPLIED							
New England:							
Maine.....	25,925	11,102	36,925	11,229	11,415	227	21,264
New Hampshire.....	1,003	1,927	131	984	6,198	559	32,001
Vermont.....	12,877	119	3	9,370	48,680	945	59,846
Massachusetts.....	1,010	4,570	1,722	774	4,336	1,008	2,810
Rhode Island.....	959	3,702	493	408	2,708	136	4,662
Connecticut.....	710	3,362	180	652	6,315	440	12,814
Middle Atlantic:							
New York.....	65,675	22,226	17,380	49,513	65,288	3,744	55,546
New Jersey.....	19,195	27,971	2,592	11,176	6,978	401	41,660
Pennsylvania.....	132,153	17,061	4,577	118,198	32,285	5,421	33,070
East North Central:							
Ohio.....	60,027	21,510	34,172	107,569	66,703	28,068	23,243
Indiana.....	125,299	52,541	62,167	4,019	51,451	35,718	11,890
Illinois.....	416,329	38,103	51,242	49,896	85,461	80,640	28,281
Michigan.....	24,732	95,610	11,875	35,033	15,144	42,509	18,917
Wisconsin.....	161,157	6,351	-----	401,466	50,924	3,020	37,201
West North Central:							
Minnesota.....	115,557	20,269	87,065	194,561	23,012	25,531	12,923
Iowa.....	842,587	35,385	183,756	110,719	46,338	78,763	7,192
Missouri.....	104,748	5,231	5,663	77	11,584	14,517	1,431
North Dakota.....	15,303	5,640	1,695,786	887,546	1,491,336	104,620	3,484
South Dakota.....	534,057	4,739	1,988,884	252,548	4,138,521	199,568	6,100
Nebraska.....	981,666	64,718	1,670,911	112,311	1,768,821	171,562	1,585
Kansas.....	1,031,018	48,310	3,043,860	76,231	2,245,520	100,985	5,432
South Atlantic:							
Delaware.....	1,541	6,004	1,367	1,192	2,543	1,159	1,838
Maryland.....	116,717	49,049	37,915	71,047	94,024	2,186	47,957
Virginia.....	232,229	173,480	198,767	110,009	474,255	15,224	390,964
West Virginia.....	94,827	26,908	21,301	53,481	176,603	1,650	144,228
North Carolina.....	462,175	237,839	209,551	90,577	258,540	71,961	293,335
South Carolina.....	765,582	226,325	249,723	171,580	147,725	31,587	1,128,916
Georgia.....	1,200,070	1,168,897	795,836	177,318	733,194	149,411	2,023,658
Florida.....	163,257	184,063	188,888	13,712	306,928	156,794	584,566
East South Central:							
Kentucky.....	369,104	241,412	75,714	1,089	580,820	86,247	224,778
Tennessee.....	375,840	299,350	12,560	2,745	206,452	32,816	141,659
Alabama.....	821,108	532,116	242,911	94,459	650,695	30,648	964,048
Mississippi.....	896,441	508,300	445,523	79,499	853,721	127,747	794,660
West South Central:							
Arkansas.....	585,466	1,064,850	1,102,544	52,452	849,770	751,689	925,828
Louisiana.....	336,759	553,443	715,094	552	575,318	243,727	262,956
Oklahoma.....	1,443,898	1,339,968	2,209,621	86,553	3,831,290	673,911	22,043
Texas.....	3,865,352	2,106,477	5,758,970	196,844	10,203,138	624,710	103,096
Mountain:							
Montana.....	52,119	1,009	1,246,493	678,583	9,520,459	106,686	24,585
Idaho.....	13,749	666	475,693	4,110	285,911	21,041	14,520
Wyoming.....	7,502	3,105	159,597	16,612	1,335,733	39,156	89
Colorado.....	120,893	3,657	396,267	74,378	2,785,304	109,973	108,091
New Mexico.....	372,007	13,230	426,720	52,027	6,587,000	78,961	87,380
Arizona.....	6,852	2,754	154,526	3,030	23,781	5,309	-----
Utah.....	73,486	1,520	119,775	1,751	903,459	97,803	21,096
Nevada.....	-----	-----	36,697	-----	49,105	6,434	-----
Pacific:							
Washington.....	8,629	29,549	924,805	14,508	1,069,692	53,281	38,441
Oregon.....	3,533	2,030	133,441	3,265	385,349	8,872	1,235
California.....	55,692	103,985	196,987	52,329	505,283	33,947	14,895
Total.....	17,116,815	9,370,433	25,436,670	4,537,982	53,575,110	4,462,312	8,786,204
Territorial:							
Caribbean area.....	12,923	163	30,046	11	23,922	4,951	9,396
Hawaii.....	90	-----	57	-----	-----	-----	-----
Grand total applied ³	17,129,828	9,370,596	25,466,773	4,537,993	53,599,032	4,467,263	8,795,600

¹ Data shown are for some principal practices on which reports are received nationally. In addition, there are many other practices on which work is done.

² Includes range properly stocked, which was reported prior to Dec. 31, 1947.

See other footnotes at end of table on next page.

TABLE 762.—*Conservation practices planned and applied through farmer district cooperation, with Soil Conservation Service assistance, by States, cumulative as of Dec. 31, 1948*¹—Continued

Division and State or Territory	Farm and ranch ponds	Tree planting	Terraces	Diver-sions	Farm drainage	Farm irrigation	
						Land leveling	Improved water applica-tion
	Number	Acres	Miles	Miles	Acres	Acres	Acres
Total planned in districts ²	170, 681	959, 000	1, 307, 609	40, 797	5, 897, 089	1, 837, 051	3, 462, 647
APPLIED							
New England:							
Maine.....	136	757	8	136	2, 799	-----	-----
New Hampshire.....	26	226	7	8	389	-----	-----
Vermont.....	400	2, 432	-----	90	12, 608	-----	-----
Massachusetts.....	69	236	3	14	2, 000	-----	-----
Rhode Island.....	68	304	7	3	445	-----	-----
Connecticut.....	90	302	6	13	1, 134	-----	-----
Middle Atlantic:							
New York.....	1, 213	16, 598	15	824	55, 674	-----	-----
New Jersey.....	154	4, 272	168	208	5, 778	-----	-----
Pennsylvania.....	270	6, 358	87	189	4, 022	-----	-----
East North Central:							
Ohio.....	1, 183	6, 224	364	225	36, 493	-----	-----
Indiana.....	1, 235	3, 596	919	307	67, 360	-----	-----
Illinois.....	1, 462	3, 937	1, 007	174	135, 781	-----	-----
Michigan.....	40	32, 183	139	65	31, 060	-----	-----
Wisconsin.....	52	12, 353	1, 073	274	36, 682	-----	-----
West North Central:							
Minnesota.....	143	4, 136	212	76	79, 722	-----	-----
Iowa.....	1, 497	1, 870	6, 577	311	53, 536	-----	-----
Missouri.....	1, 164	330	1, 545	159	28, 597	-----	-----
North Dakota.....	3, 558	14, 209	2	38	235, 632	1, 079	6, 399
South Dakota.....	9, 762	14, 412	560	199	92, 156	4, 766	6, 657
Nebraska.....	2, 578	11, 801	12, 615	1, 602	52, 068	75, 568	205, 003
Kansas.....	6, 270	6, 072	22, 132	1, 294	78, 957	26, 561	34, 404
South Atlantic:							
Delaware.....	11	152	1	9	4, 118	-----	-----
Maryland.....	188	3, 698	134	269	50, 400	-----	-----
Virginia.....	1, 179	6, 568	4, 046	58	28, 532	667	969
West Virginia.....	1, 797	8, 804	90	291	9, 944	-----	-----
North Carolina.....	2, 652	21, 632	46, 439	198	109, 397	430	556
South Carolina.....	863	34, 470	46, 718	44	172, 492	936	2, 809
Georgia.....	3, 769	106, 484	94, 631	223	82, 788	1, 066	584
Florida.....	197	9, 871	9, 977	94	331, 441	10, 353	45, 891
East South Central:							
Kentucky.....	9, 539	1, 708	4, 327	1, 552	65, 161	-----	-----
Tennessee.....	6, 015	2, 478	19, 044	206	119, 131	20	-----
Alabama.....	1, 922	13, 477	55, 939	70	69, 701	173	171
Mississippi.....	11, 356	26, 110	55, 003	418	607, 346	180	23
West South Central:							
Arkansas.....	11, 299	13, 174	14, 621	738	128, 973	32, 564	32, 169
Louisiana.....	2, 862	15, 360	16, 293	86	284, 569	874	11, 478
Oklahoma.....	18, 813	11, 002	50, 457	2, 742	81, 210	16, 279	12, 836
Texas.....	12, 773	4, 938	94, 839	3, 236	76, 930	61, 948	775, 629
Mountain:							
Montana.....	5, 552	1, 070	66	168	30, 791	30, 872	91, 652
Idaho.....	371	201	117	31	6, 277	27, 304	49, 470
Wyoming.....	411	767	8	26	19, 182	50, 892	80, 253
Colorado.....	422	1, 704	854	330	11, 682	86, 513	126, 863
New Mexico.....	597	3, 016	2, 235	884	1, 758	44, 480	76, 201
Arizona.....	416	578	148	74	220	103, 102	93, 230
Utah.....	810	563	10	122	4, 364	43, 501	122, 828
Nevada.....	15	41	-----	4	8, 243	20, 331	12, 377
Pacific:							
Washington.....	200	1, 126	96	66	44, 326	25, 152	28, 340
Oregon.....	194	605	5	30	13, 679	12, 832	15, 293
California.....	545	2, 039	61	505	14, 903	38, 352	48, 842
Total.....	126, 138	434, 244	563, 605	18, 683	3, 390, 451	716, 795	1, 880, 927
Territorial:							
Caribbean area.....	54	1, 840	2, 474	35	2, 760	1, 306	7
Hawaii.....	-----	-----	-----	5	-----	-----	-----
Grand total applied ³	126, 192	436, 084	566, 079	18, 723	3, 393, 211	718, 101	1, 880, 934

³ Both planned and applied totals are for satisfactory first-time application only. Reapplication and maintenance of practices on the same area year after year are not included. Planned practices are reported as applied when properly installed on the land, the job thereafter being one of maintenance.

⁴ Some areas of range and pasture improvement were previously included in the seeding figures.

TABLE 763.—Conservation plans prepared and acreage treated in soil conservation districts with Soil Conservation Service assistance, by States, 1948, and cumulative to Dec. 31, 1948

Division, State, and Territory	1948			Cumulative to Dec. 31, 1948		
	New plans prepared ¹		Treated	Active conservation plans ²		Treated
	Number	Acres	Acres	Number	Acres	Acres
New England:						
Maine.....	851	121, 295	26, 131	3, 635	496, 263	96, 980
New Hampshire.....	490	79, 628	12, 522	998	180, 486	22, 895
Vermont.....	628	126, 562	37, 294	3, 072	631, 899	214, 458
Massachusetts.....	682	88, 869	11, 844	1, 176	144, 862	20, 124
Rhode Island.....	111	9, 812	3, 404	421	62, 492	12, 642
Connecticut.....	349	49, 406	11, 707	698	92, 575	20, 068
Middle Atlantic:						
New York.....	1, 898	252, 990	150, 553	8, 795	1, 218, 637	611, 434
New Jersey.....	471	38, 022	18, 601	2, 732	317, 221	138, 088
Pennsylvania.....	1, 320	156, 010	69, 507	4, 566	537, 721	216, 827
East North Central:						
Ohio.....	2, 463	341, 968	208, 765	9, 525	1, 327, 749	654, 365
Indiana.....	1, 194	184, 810	151, 224	6, 606	978, 045	632, 615
Illinois.....	2, 949	511, 559	287, 675	15, 173	2, 569, 476	1, 358, 558
Michigan.....	1, 832	158, 488	138, 374	7, 975	850, 467	424, 714
Wisconsin.....	1, 712	267, 169	242, 479	14, 719	2, 321, 841	1, 430, 137
West North Central:						
Minnesota.....	1, 179	210, 496	218, 795	8, 177	1, 478, 191	886, 802
Iowa.....	3, 262	621, 386	496, 711	15, 447	2, 821, 780	1, 475, 515
Missouri.....	809	152, 156	78, 222	3, 135	598, 697	217, 574
North Dakota.....	2, 031	1, 254, 884	931, 421	10, 406	5, 992, 386	3, 987, 686
South Dakota.....	2, 004	1, 264, 854	1, 170, 101	13, 865	8, 306, 803	6, 200, 331
Nebraska.....	3, 918	1, 256, 788	720, 680	18, 974	5, 473, 116	2, 510, 254
Kansas.....	5, 388	1, 581, 474	804, 122	21, 776	6, 580, 688	2, 697, 869
South Atlantic:						
Delaware.....	165	27, 673	8, 443	537	97, 038	29, 804
Maryland.....	1, 026	145, 180	73, 731	6, 653	989, 106	423, 581
Virginia.....	2, 716	450, 247	350, 723	15, 623	2, 865, 865	1, 662, 479
West Virginia.....	2, 656	338, 379	126, 278	13, 059	1, 802, 079	725, 449
North Carolina.....	4, 209	408, 818	508, 300	39, 216	4, 109, 424	2, 494, 547
South Carolina.....	3, 260	546, 117	501, 907	22, 895	3, 883, 823	2, 545, 503
Georgia.....	5, 973	1, 216, 652	966, 896	49, 050	9, 743, 320	5, 276, 390
Florida.....	1, 709	511, 968	347, 697	8, 937	3, 052, 713	1, 406, 436
East South Central:						
Kentucky.....	4, 766	563, 344	491, 705	20, 329	2, 694, 081	1, 535, 020
Tennessee.....	5, 034	279, 172	272, 527	13, 456	1, 882, 015	1, 118, 708
Alabama.....	5, 012	706, 041	539, 816	32, 781	5, 391, 781	3, 153, 206
Mississippi.....	5, 582	889, 936	702, 286	32, 276	5, 331, 595	3, 222, 427
West South Central:						
Arkansas.....	3, 347	968, 498	852, 010	32, 599	4, 898, 181	2, 668, 335
Louisiana.....	2, 043	479, 827	337, 611	13, 680	2, 563, 648	1, 297, 585
Oklahoma.....	5, 593	1, 324, 549	864, 950	38, 552	8, 790, 211	4, 747, 359
Texas.....	11, 410	5, 931, 327	3, 180, 978	68, 528	26, 659, 456	13, 141, 503
Mountain:						
Montana.....	1, 135	2, 445, 921	1, 553, 680	5, 221	11, 907, 894	7, 377, 861
Idaho.....	705	214, 858	173, 522	3, 989	1, 525, 591	645, 942
Wyoming.....	603	667, 518	246, 190	2, 285	2, 101, 675	807, 093
Colorado.....	983	993, 519	696, 027	5, 493	6, 413, 311	3, 606, 284
New Mexico.....	762	1, 152, 068	1, 138, 010	5, 060	12, 799, 130	7, 350, 640
Arizona.....	441	123, 906	65, 691	1, 953	468, 433	193, 992
Utah.....	617	367, 916	269, 350	4, 434	2, 536, 264	1, 220, 547
Nevada.....	98	66, 213	22, 354	747	317, 519	87, 682
Pacific:						
Washington.....	1, 413	653, 225	448, 356	7, 808	3, 023, 423	1, 624, 162
Oregon.....	431	184, 771	134, 681	1, 252	999, 797	601, 259
California.....	1, 576	314, 603	214, 077	8, 383	1, 384, 027	693, 821
Total.....	105, 306	30, 699, 872	20, 867, 928	617, 567	171, 212, 795	93, 287, 531
Territorial:						
Caribbean area.....	1, 412	113, 075	27, 528	2, 129	169, 761	49, 025
Alaska.....	4	500	.....	4	500	.....
Hawaii.....	22	594	105	22	594	105
Grand total.....	106, 744	30, 814, 041	20, 895, 561	619, 722	171, 383, 650	93, 336, 661

¹ Conservation plans prepared in soil conservation districts with the assistance of the Soil Conservation Service are on a long-time basis. It usually takes several years to apply fully all of the planned treatments. For this reason the acreage planned in any year would be treated in subsequent years.

² Active conservation plans do not include cancellations caused by change in ownership. The amounts shown are net as of Dec. 31, 1948.

Soil Conservation Service.

TABLE 764.—*Conservation practices newly applied in conservation districts with Soil Conservation Service assistance, 1944-48*¹

Some major practices	Unit	1944	1945	1946	1947	1948
Contour farming.....	Acres	2,848,033	2,575,429	3,274,758	3,394,276	3,171,260
Cover crops.....	Acres	179,727	489,562	2,369,844	2,618,769	2,550,276
Stubble mulching.....	Acres	1,980,044	2,370,447	5,108,063	6,342,686	6,122,663
Strip cropping.....	Acres	587,823	475,146	601,076	826,274	690,857
Range properly stocked.....	Acres	9,944,833	6,090,750	9,596,544	12,135,711	-----
Seeding range and pasture.....	Acres	807,817	887,805	1,647,006	1,872,319	1,216,558
Woodland management.....	Acres	660,220	803,673	1,606,353	1,844,159	2,731,785
Farm and ranch ponds.....	Number	15,254	15,547	27,486	31,519	28,568
Tree planting.....	Acres	26,020	² 32,874	² 36,814	² 55,987	² 92,735
Terraces.....	Miles	53,777	71,910	99,482	101,363	89,245
Diversions.....	Miles	932	1,627	3,371	4,194	5,303
Farm drainage.....	Acres	203,040	299,570	752,662	1,103,071	1,017,372
Land leveling.....	Acres	62,543	79,886	135,856	189,050	250,972
Improved water application.....	Acres	188,508	160,168	380,665	511,341	533,531
Combined treatment ³	Acres	10,156,748	13,012,000	19,332,928	21,650,526	20,895,561

¹ The data shown in this table for some major practices are for first-time application. In most cases these practices recur on the same land year after year, but such amounts as actually recur are not included.

² Includes acreage of windbreak and shelterbelt plantings.

³ Combined treatment represents the farmland area in districts on which the planned combinations of practices were completed in the years shown.

Soil Conservation Service.

TABLE 765.—*Group enterprise plans in soil conservation districts (involving two or more farms), United States, 1948, and cumulative to Dec. 31, 1948*¹

Item	Unit	Group drainage		Group irrigation		Other types ²		Total	
		1948	Cumulative	1948	Cumulative	1948	Cumulative	1948	Cumulative
Group jobs plans.....	Number	1,182	3,958	192	939	25	119	1,399	5,016
Farms to be benefited.....	do.....	6,545	32,842	4,011	24,837	257	1,731	10,813	59,410
Areas to be benefited.....	Acres.....	651,614	3,818,230	232,397	1,198,077	93,910	352,098	977,921	5,368,405
Estimated total cost.....	Dollars.....	3,169,660	16,052,408	1,192,027	4,695,561	110,934	2,240,789	4,472,621	22,988,758
Group jobs completed.....	Number	1,049	2,929	152	630	19	89	1,220	3,648
Farms benefited.....	do.....	5,938	19,920	3,072	15,103	152	947	9,162	35,970
Area benefited.....	Acres.....	557,279	2,078,663	157,703	713,671	14,904	59,047	729,886	2,851,381
Some principal practices installed:									
Ditch and canal excavation.....	Miles...	1,360	4,273	269	940	17	49	1,646	5,262
Ditch and canal excavation.....	Cu. yds.	11,004,056	38,906,681	586,040	2,830,707	185,271	2,859,209	11,775,367	44,596,597
Spoil bank leveling.....	do.....	4,912,040	17,679,761	26,511	85,107	31,786	33,686	4,970,337	17,798,554
Levees and dikes.....	Miles...	23	98	3	5	7	24	33	127
Levees and dikes.....	Cu. yds.	462,527	1,210,028	37,134	85,646	134,917	401,182	634,578	1,696,856
Channel stabilization.....	Miles.....	60	122	7	44	-----	20	67	186
Drainage and irrigation pipe.....	Lin. ft....	417,642	1,083,200	15,882	97,663	-----	2,940	433,524	1,183,803
Reservoirs.....	Number	1	15	16	72	1	2	18	89
Reservoirs.....	Acre ft....	2	50	6,635	10,987	21	26	6,658	11,063
Structures.....	Number	936	2,460	382	1,099	17	112	1,335	3,671

¹ Group enterprise plans are defined as any job involving two or more landowners or operators who agree to work together to carry on the construction, operations, and maintenance specified in the plans.

² Other types include special erosion control, water control, water spreading, and similar group enterprise jobs.

Soil Conservation Service.

TABLE 766.—*Waterflow retardation and soil erosion prevention (flood control operations) by the Soil Conservation Service within authorized watersheds*

Watersheds ¹	Survey reports		Sub-watershed work plans, cumulative to Dec. 31, 1948			Estimated cost ²	
	Completed	To Congress ¹	Prepared	Area	Farms	Total	S. C. S. flood control
	Date	Date	Number	Acres	Number	Dollars	Dollars
Buffalo Creek (N. Y.)	-----	Apr. 23, 1944	13	46,685	778	668,691	470,690
Coosa River (above Rome, Ga.)	Mar. 16, 1943	June 8, 1943	5	227,515	2,225	18,898,245	654,189
Little Tallahatchie (Miss.)	April 1942	Nov. 30, 1942	10	162,441	1,135	1,630,700	757,107
Little Sioux (Iowa and Minn.)	May 29, 1943	Aug. 9, 1943	4	4,193	52	625,312	620,212
Los Angeles (Calif.)	-----	Nov. 23, 1941	8	40,966	1,137	2,600,755	862,900
Middle Colorado (Texas)	June 17, 1943	Aug. 9, 1943	49	750,776	2,278	5,301,389	3,849,561
Potomac (Va., W. Va., Md., Pa.)	May 29, 1943	Aug. 9, 1943	25	466,903	1,547	3,735,127	657,303
Santa Ynez (Calif.)	Jan. 21, 1944	Mar. 23, 1944	3	23,400	195	1,045,983	1,042,937
Trinity (Texas)	-----	Apr. 3, 1942	214	1,573,995	10,296	17,190,852	7,562,654
Washita (Okla. and Texas)	Dec. 1941	Sept. 7, 1943	95	781,071	3,877	14,476,742	9,587,143
Yazoo (Miss.)	Sept. 29, 1943	Apr. 27, 1944	19	277,486	1,747	2,423,773	900,470
Total	-----	-----	445	4,355,431	25,267	68,597,569	26,965,166

¹ All of the listed watersheds were approved Dec. 22, 1944; however, flood control funds did not become available until 1946 for use within the watersheds.

² Includes estimates of both public and private costs for the installation of improvement programs within the sub-watersheds planned.

Soil Conservation Service.

TABLE 767.—*Works of improvement planned and completed within 11 authorized watersheds with the assistance of the Soil Conservation Service, to Dec. 31, 1948 ¹*

Practices and measures	Unit	Planned	Completed
Detention reservoirs	Number	306	13
Detention reservoirs	Acre ft.	150,248	2,450
Debris basins	Number	1,417	285
Revegetation:			
Grasses and legumes	Acres	296,956	40,502
Woody plantings	do.	34,576	1,213
Waterways	Miles	80	16
Channel stabilization	do.	257	6
Channel excavation	do.	129	13
Channel excavation	Cu. yds.	6,814,562	712,295
Structures	Number	1,299	436
Diversions	Miles	200	31
Gully control	Acres	11,534	260
Roadside erosion control	Miles	914	17

¹ Sub-watershed work plans serve as a basis for selecting items of accomplishments which are credited to flood control operations. The above totals are for sub-watershed work plans in soil conservation districts where works of improvement have been planned and completed by cooperating farmers, as well as work done by or contracted by the Soil Conservation Service. Most of this work has been initiated since 1946.

Soil Conservation Service. See table 766 for location of the watersheds.

TABLE 768.—Use and income of lands managed in the agricultural land-utilization program of the Soil Conservation Service, under Title III of the Bankhead-Jones Farm Tenant Act, by States, 1948

Division and State	Total area managed	Used for grazing		Used for annual crops	Used for hay	Forest use		Person-days recreational use	Net revenue ¹
		Acres	Animal unit months			Lumber production	Value of products sold		
	Acres	Acres	Animal unit months	Acres	Tons	Board feet	Dollars	Number	Dollars
Middle Atlantic:									
Maine.....	482								
New York.....	13,658	5,281	8,511	699		71,609	261.12	1,300	2,186.40
Pennsylvania.....	5,193	1,200	3,275			226,610	1,071.66	7,075	6,320.36
East North Central:									
Michigan.....	7,478			8		9,668			280.00
West North Central:									
Missouri.....	12,938	4,685	4,846	27	33	13,800			6,648.54
North Dakota.....	1,063,433	1,039,728	357,035	2,604	9,768	65,890	107.62	2,784	150,384.69
South Dakota.....	850,027	839,063	326,364	972	5,173	90,602	85.00		110,875.71
Nebraska.....	133,580	132,987	41,698	410	252	103,280	284.73		19,309.64
Kansas.....	102,556	45,631	14,871	3,858					41,026.09
South Atlantic:									
Delaware.....	927				77			54,000	256.90
West Virginia.....	7,948	1,030	1,435	27	131	182,210	131.45		367.59
North Carolina.....	14,061	214	362	294	153	9,200	32.25		6,196.65
South Carolina.....									² 319.95
Georgia.....	108,974	3,934	6,402	1,305	458	4,077,374	36,943.06	11,450	53,119.76
Florida.....	117,546	92,056	44,656	61	1	4,928,647	27,523.57	1,450	27,565.26
East South Central:									
Tennessee.....	1,212								
Alabama.....	10,777	451	1,152	10				1,300	1,233.93
Mississippi.....	87,776	11,013	8,059	639	743	3,700,714	18,710.43	33,212	25,615.40
West South Central:									
Arkansas.....	84,400	13,066	12,326	564	258	4,378,837	26,784.16	208,830	50,900.70
Louisiana.....	31,157	520	592		75	2,265,625	21,931.39	80,076	25,452.35
Oklahoma.....	80,852	39,337	16,049	1,900	69	1,071,969	4,550.42		22,285.21
Texas.....	128,165	91,965	40,450	5,020	15	75,550	517.97	293,477	66,086.92
Mountain:									
Montana.....	1,921,506	1,907,790	419,531	737	2,118	63,000	253.04	1,560	150,337.40
Idaho.....	126,145	122,241	23,958						5,808.09
Wyoming.....	543,634	543,409	139,039	3	83	8,348	136.50	2,100	45,594.93
Colorado.....	656,531	599,868	131,273	6,635				2,200	103,011.16
New Mexico.....	³ 659,966	659,966	80,553			4,321,044	15,431.66	145	53,862.88
Arizona.....	³ 59,052	59,052	2,568						491.74
Utah.....	³ 46,253	46,253	3,947						1,274.45
Nevada.....	3,375	3,375	961						84.32
Pacific:									
Oregon.....	205,168	182,740	20,856			993,887	5,598.06		17,240.62
California.....	26,913	7,500	1,665						1,655.60
Total.....	7,111,683	6,454,355	1,712,434	25,850	19,330	26,657,864	160,354.09	700,959	⁴ 995,793.24

¹ Total collections, less refunds during calendar year 1948, and includes revenue from sources other than those shown in this table, such as building occupancy, sales of improvements, minerals, and easements.

² Collections from mineral royalties from lands, the surface of which is administered by State agencies under long-term lease.

³ Includes public domain lands administered under agreement with Grazing Service.

⁴ Of this amount, 25 percent is paid to counties in which Title III lands are located, to be used for schools and roads.

Soil Conservation Service.

TABLE 769.—Soil surveys of Bureau of Plant Industry, Soils and Agricultural Engineering: Areas mapped during the fiscal year ended June 30, 1948, and areas previously reported¹

State or Territory	Detailed				Reconnaissance			
	Work during fiscal year 1948	Work previously reported ²	Total		Work during fiscal year 1948	Work previously reported ²	Total	
	Square miles	Square miles	Square miles	Equivalent 1,000 acres	Square miles	Square miles	Square miles	Equivalent 1,000 acres
Maine		4,888	4,888	3,128				
New Hampshire	38	7,937	7,975	5,104				
Vermont		1,175	1,175	752		9,124	9,124	5,839
Massachusetts		8,811	8,811	5,639				
Rhode Island		2,152	2,152	1,377				
Connecticut		1,704	1,704	1,091				
New York ³	43	42,549	42,592	27,259				
New Jersey		9,895	9,895	6,333				
Pennsylvania	180	25,518	25,698	16,447		41,405	41,405	26,499
Ohio	322	19,486	19,808	12,677		41,420	41,420	26,509
Indiana ³	110	26,249	26,359	16,870				
Illinois	51	6,779	6,830	4,371				
Michigan	196	36,075	36,271	23,213	629	5,793	6,422	4,110
Wisconsin	72	26,950	27,022	17,294		14,425	14,425	9,232
Minnesota	465	14,971	15,436	9,879		13,067	13,067	8,363
Iowa	7	54,240	54,247	34,718				
Missouri	316	38,811	39,127	25,041				
North Dakota		23,049	23,049	14,751		39,240	39,240	25,114
South Dakota	117	8,286	8,403	5,378		41,400	41,400	26,496
Nebraska ³	145	77,682	77,827	49,809		53,064	53,064	33,961
Kansas	325	17,123	17,448	11,167		39,960	39,960	25,574
Delaware		2,276	2,276	1,457				
Maryland		13,959	13,959	8,934				
Virginia ³	305	21,286	21,591	13,818				
West Virginia		24,681	24,681	15,796				
North Carolina ³	123	54,418	54,541	34,906				
South Carolina		27,999	27,999	17,919				
Georgia	72	37,740	37,812	24,200				
Florida	191	19,011	19,202	12,289				
Kentucky		6,832	6,832	4,372				
Tennessee ³	696	22,665	23,361	14,951				
Alabama	420	65,020	65,440	41,882				
Mississippi	479	32,493	32,972	21,102				
Arkansas		15,547	15,547	9,950				
Arkansas-Missouri						58,000	58,000	37,120
Louisiana		17,431	17,431	11,156				
Oklahoma	131	30,470	30,601	19,585				
Texas ³	203	71,117	71,320	45,645		152,855	152,855	97,827
Montana	118	3,862	3,980	2,547		59,189	59,189	37,881
Idaho		13,391	13,391	8,570				
Wyoming		17,088	17,088	10,936				
Colorado ³	31	7,624	7,655	4,899				
New Mexico		2,565	2,565	1,642				
Arizona	19	5,635	5,654	3,619				
Utah		4,409	4,409	2,822				
Nevada		652	652	417				
Washington ³	357	21,515	21,872	13,998		18,409	18,409	11,782
Oregon ³	85	17,740	17,825	11,408				
California ³	701	48,397	49,098	31,423		32,135	32,135	20,566
Alaska						31,915	31,915	20,426
Hawaii		3,668	3,668	2,348		2,738	2,738	1,752
Puerto Rico		3,765	3,765	2,410				
Total	6,318	1,067,586	1,073,904	687,299	629	654,139	654,768	419,051

¹ The preparation of soils maps by the Division of Soil Survey, Bureau of Plant Industry, Soils, and Agricultural Engineering, is generally done in cooperation with the State agricultural experiment stations. Inquiry for available maps and reports may be made of the State agricultural college, the State agricultural experiment station, or the U. S. Department of Agriculture.

² These figures refer to work done for a period of over 40 years and in some instances include resurveys.

³ During the fiscal year 1948, maps were published for the following counties in the States indicated: California, Newman area; Colorado, Akron area; Indiana, Bartholomew County; Nebraska, Lancaster County; New York, Niagara County; North Carolina, Swain County; Oregon, Umatilla area; Tennessee, Hamilton and Rhea counties; Texas, Brown County; Virginia, Smyth County; and Washington, Snohomish County.

Bureau of Plant Industry, Soils, and Agricultural Engineering.

TABLE 770.—*Forest land area of the United States and ownership of commercial forest land, by regions, 1945*

Region	Total forest land ¹	Commercial forest land							
		All owner-ships	Federally owned or managed			State, county, and municipal	Private		
			Total	National forest	Other		Total	Farm	Industrial and other
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
New England.....	31,092	30,851	891	822	69	666	29,294	6,477	22,817
Middle Atlantic.....	44,214	41,586	1,476	1,265	211	3,613	36,497	11,854	24,643
Lake.....	55,700	50,345	6,495	5,455	1,040	14,805	29,045	13,930	15,115
Central.....	44,919	44,213	2,117	1,951	166	326	41,770	25,789	15,981
Plains.....	35,828	3,326	332	30	302	4	2,990	2,900	30
North.....	211,753	170,321	11,311	9,523	1,788	19,414	139,506	61,010	78,586
South Atlantic.....	43,843	42,923	3,485	2,775	710	536	38,902	23,377	15,525
Southeast.....	91,842	89,390	5,909	3,802	2,107	1,216	82,265	33,134	49,131
West Gulf.....	51,119	50,953	4,684	3,561	1,123	408	45,861	12,549	33,312
South.....	186,804	183,266	14,078	10,138	3,940	2,160	167,028	69,060	97,968
Pacific Northwest.....	53,855	46,204	23,012	17,341	5,671	3,435	19,757	3,334	16,423
California.....	45,515	16,405	8,099	7,684	415	23	8,283	1,309	6,974
North Rocky Mountain.....	53,246	29,066	20,012	18,061	1,951	1,702	7,352	2,847	4,505
South Rocky Mountain.....	72,655	15,782	12,445	10,765	1,680	380	2,957	1,498	1,459
West.....	225,271	107,457	63,568	53,851	9,717	5,540	38,349	8,988	29,361
All regions.....	623,828	461,044	88,957	73,512	15,445	27,114	344,973	139,058	205,915

¹ Forest land is all land bearing or once supporting commercial or noncommercial forest and not at present in use or likely to be suitable for any form of use higher than forestry.

Commercial forest land is land bearing or capable of producing timber of commercial quantity and quality and economically available now or prospectively for commercial use and not withdrawn from commercial use.

Noncommercial forest land is (1) commercially valuable forest land in the form of parks, preserves, wilderness areas, etc., actually withdrawn from commercial use; and (2) open grown pinon-juniper lands in the West, chaparral in southern California, oak-cedar brakes in Texas and Oklahoma, remote and inaccessible alpine areas, and other areas which because of very low productivity or excessively poor quality timber or extreme inaccessibility appear to be permanently out of the timber producing class. Much of this land has important value in watershed protection, preventing or reducing soil erosion, protecting wildlife, providing game cover, etc.

— Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics, 1948, table 765.

TABLE 771.—*Saw timber: Estimated board-foot volume on commercial forest land in the United States, by regions, 1945*¹

Region	Total		Soft-woods	Hard-woods	On saw-timbers areas		On other than saw-timber areas
					On virgin areas	On second-growth areas	
	<i>Million board feet</i>	<i>Percent of grand total</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England.....	58,197	3.63	33,263	24,934	726	48,605	8,866
Middle Atlantic.....	62,045	3.88	14,017	48,028	1,197	47,459	13,389
Lake.....	50,710	3.17	15,670	35,040	17,390	23,280	10,040
Central.....	43,747	2.73	2,418	41,329	1,249	36,616	5,882
Plains.....	5,730	.36	468	5,262	1,080	3,426	1,224
North.....	220,429	13.77	65,836	154,593	21,642	159,386	39,401
South Atlantic.....	97,141	6.07	59,326	37,815	-----	90,205	6,936
Southeast.....	135,887	8.49	76,992	58,895	4,674	121,473	9,740
West Gulf.....	104,959	6.55	57,472	47,487	6,943	94,155	3,861
South.....	337,987	21.11	193,790	144,197	11,617	305,833	20,537
Pacific Northwest.....	630,894	39.41	626,941	3,953	513,149	111,706	6,039
California.....	227,565	14.21	227,565	-----	180,082	32,624	14,859
North Rocky Mountain.....	127,299	7.95	126,293	936	69,810	43,212	14,207
South Rocky Mountain.....	56,868	3.55	55,952	916	44,040	7,958	4,870
West.....	1,042,556	65.12	1,036,751	5,805	807,081	195,500	39,975
All regions.....	1,600,972	100.00	1,206,377	304,595	840,340	660,719	99,913

¹ Status beginning of 1945. Includes volume on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use. Includes trees large enough for sawlogs regardless of the actual use, in accordance with the practice of the region. Volumes are on lumber-tally basis.

Minimum sizes of saw-timber trees: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods. Pacific Northwest (pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas-fir subregion): 15" D.B.H. California: All except redwood type, 12" D.B.H.; redwood type 24" D.B.H.

Virgin growth includes mature or overmature forests not seriously disturbed by cutting or by fire, insects, and disease infestations, or other natural causes, and generally characterized by the absence of any net growth; and mature and overmature forests so lightly cut or otherwise disturbed as not to make any material change in the original forest canopy or the quality of the original stand, or to induce net growth in any appreciable amount.

Second growth includes forests which have been cut over or which have been so disturbed by fire, insects, or disease, windstorms, or other natural causes that net growth occurs and they no longer qualify as virgin forests.

Forest Service; from A Reappraisal of The Forest Situation. Data by States in Agricultural Statistics, 1948, table 766.

TABLE 772.—Saw timber on commercial forest land: Eastern softwoods, by species and by regions, 1945¹

Region	Total	Southern yellow pine	Spruce and fir ²	White and Norway pine	Hemlock	Cypress	Other
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England.....	33,263	142	20,649	7,330	3,764	-----	1,378
Middle Atlantic.....	14,017	4,035	2,718	3,050	3,996	-----	218
Lake.....	15,670	-----	3,600	3,690	5,950	-----	2,430
Central.....	2,418	1,727	-----	161	343	128	61
Plains.....	468	51	-----	-----	-----	1	346
North.....	65,836	5,955	26,967	14,231	14,053	127	4,503
South Atlantic.....	59,326	54,954	40	817	726	2,277	512
Southeast.....	76,992	70,927	-----	335	142	3,284	2,304
West Gulf.....	57,472	56,491	-----	-----	-----	548	433
South.....	193,790	182,372	40	1,152	868	6,109	3,249
All North and South...	259,626	188,327	27,007	15,383	14,921	6,236	7,752

¹ Status beginning of 1945.² Balsam fir.³ Ponderosa pine. The total volume of ponderosa pine in the United States is 185,441 million board feet, including the 416 million feet in the Plains region. See also table 769.

Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics, 1948, table 767.

TABLE 773.—Saw timber on commercial forest land: Eastern hardwoods, by species and by regions, 1945¹

Region	Total	Oak	Beech, birch and maple	Sweet-gum	Tupelo and black gum	Cottonwood and aspen	Yellow poplar	Other
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England.....	24,934	2,265	20,740	-----	-----	1,385	50	488
Middle Atlantic.....	48,028	19,012	19,310	-----	-----	1,154	1,710	6,842
Lake.....	35,040	5,090	17,090	-----	-----	6,380	-----	6,480
Central.....	41,329	20,370	7,207	616	348	2,472	2,169	8,147
Plains.....	5,262	702	-----	36	3	2,414	-----	2,107
North.....	154,593	47,439	64,347	652	351	13,805	3,935	24,064
South Atlantic.....	37,815	12,815	2,330	6,667	6,250	116	4,512	5,125
Southeast.....	58,895	21,017	1,210	10,516	7,309	907	3,900	14,036
West Gulf.....	47,487	20,110	-----	8,641	5,047	834	-----	12,855
South.....	144,197	53,942	3,540	25,824	18,606	1,857	8,412	32,016
All North and South	298,790	101,381	67,887	26,476	18,957	15,662	12,347	56,080

¹ Status beginning of 1945.

Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics, 1948, table 768.

TABLE 774.—Saw timber on commercial forest land: Western trees, by regions and species, 1945¹

Species	Pacific Northwest	California	North Rocky Mountain	South Rocky Mountain	West
	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
Douglas fir	331,227	² 68,613	26,718	3,470	430,028
Ponderosa pine	80,198	³ 51,191	26,771	26,865	⁶ 185,625
True firs	87,854	⁴ 43,012	9,360	3,315	113,541
Western hemlock	95,855	-----	1,352	-----	97,207
Sugar pine and western white pine	8,089	19,506	12,630	-----	40,224
Redwood	-----	⁵ 38,114	-----	-----	38,114
Spruce	8,020	-----	12,499	15,361	35,880
Larch	8,727	-----	17,879	-----	26,606
Lodgepole pine	1,171	-----	14,406	6,483	22,060
Other softwoods	35,800	7,130	4,678	458	48,066
Hardwoods	3,953	-----	936	916	5,805
Total	630,894	227,565	127,229	56,868	1,042,556

¹ Status beginning of 1945. Of the total 1,042,556 million board feet in this tabulation, 1,036,751 million board feet is softwoods and the remainder is hardwoods, as indicated.

² May include some white fir, Sitka spruce, western hemlock, Port Orford cedar, and western red cedar, which are commonly lumped with Douglas fir in redwood cruising.

³ Includes Jeffrey pine.

⁴ Includes the western white pine, mountain hemlock, and lodgepole pine recorded in cruises of fir areas.

⁵ Redwood exclusive of volume of 1,000 Big trees reported on cruises in the West-Side Sierra sub-region.

⁶ Excluding 416 million board feet in Plains region. Grand total of ponderosa pine in the United States is 185,441 million board feet. See also table 767.

Forest Service: from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics, 1948, table 769.

TABLE 775.—Annual drain from all timber and from saw timber on commercial forest land in the United States, by cutting for commodities 1944, and by destructive agencies, average 1934-43¹

TIMBER CUT FOR COMMODITIES, 1944

Item	All timber drain ²			Saw-timber drain ³		
	Total	Softwoods	Hardwoods	Total	Softwoods	Hardwoods
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
Lumber.....	6,711	4,778	1,933	34,391	26,130	8,261
Fuelwood.....	2,203	719	1,484	3,863	1,957	1,906
Pulpwood.....	1,306	1,163	143	4,757	4,500	257
Hewed ties.....	363	153	210	1,643	777	866
Fence posts.....	220	59	161	226	82	144
Veneer logs.....	392	165	227	1,971	942	1,029
Mine timbers.....	225	40	185	320	70	250
Cooperage.....	174	40	134	744	195	549
Shingles.....	72	72	-----	334	334	-----
Other.....	516	159	357	1,409	604	805
Total.....	12,182	7,348	4,834	49,658	35,591	14,067

TIMBER REMOVED BY DESTRUCTIVE AGENCIES, 1934-43 AVERAGE

Fire.....	460	247	213	859	547	312
Insects, disease, wind, etc.....	1,019	556	463	3,376	2,392	984
Total.....	1,479	803	676	4,235	2,939	1,296
Grand total.....	13,661	8,151	5,510	53,893	38,530	15,363

¹ Includes drain in volume from land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

² Drain from all trees 5" D.B.H. and larger, bark not included.

³ Drain (lumber-tally basis) from trees above the following minimum saw timber sizes: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast. West Gulf: 9" D.B.H. for pine and cypress, and 13" for hardwoods, Pacific Northwest (Pine subregion), North Rocky Mountain, South Rocky Mountain: In the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock: in the fir type, 11" D.B.H. Pacific Northwest (Douglas-fir subregion): 15" D.B.H. California: All except redwood type, 12" D.B.H.: redwood type, 24" D.B.H.

Forest Service; from A Reappraisal of the Forest Situation.

TABLE 776.—*Current annual growth of all timber and of saw timber on commercial forest land in the United States, by regions, 1945*¹

Region	All timber growth ²			Saw-timber growth ³		
	Total	Softwood	Hardwood	Total	Softwood	Hardwood
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
New England.....	897	419	478	1,799	910	889
Middle Atlantic.....	1,397	273	1,124	2,712	597	2,115
Lake.....	812	178	634	1,403	346	1,057
Central.....	1,440	95	1,345	2,248	128	2,120
Plains.....	120	11	109	193	19	174
North.....	4,666	976	3,690	8,355	2,000	6,355
South Atlantic.....	1,761	1,007	754	6,106	4,016	2,090
Southeast.....	2,714	1,480	1,234	8,224	5,284	2,940
West Gulf.....	1,916	1,033	883	5,608	3,619	1,989
South.....	6,391	3,520	2,871	19,938	12,919	7,019
Pacific Northwest.....	1,243	1,211	32	4,224	4,152	72
California.....	335	335	-----	1,160	1,160	-----
North Rocky Mountain.....	540	537	3	1,306	1,302	4
South Rocky Mountain.....	195	177	18	318	315	3
West.....	2,313	2,260	53	7,008	6,929	79
All regions.....	13,370	6,756	6,614	35,301	21,848	13,453

¹ Status beginning of 1945. Includes growth on land capable of producing timber of commercial quantity and quality and available now or prospectively for commercial use.

² Annual growth of all trees 5" D.B.H. and larger, including tops and limbs (top only in softwoods) of saw timber trees and total volume of trees reaching 5" in D.B.H. each year. Bark not included.

³ Annual growth on the trees above the following minimum saw timber sizes and total volume of trees reaching these minimum sizes each year, all on lumber-tally basis: New England, Middle Atlantic: 9" D.B.H. for softwoods and 11" for hardwoods. Lake, Plains: 9" D.B.H. Central: 10" D.B.H. South Atlantic, Southeast, West Gulf: 9" D.B.H. for pine and cypress and 13" for hardwoods. Pacific Northwest (pine subregion), North Rocky Mountain, South Rocky Mountain: in the pine type, 11" D.B.H. for pine, cedar, and cottonwood, and 13" for fir and hemlock; in the fir type, 11" D.B.H. Pacific Northwest (Douglas fir subregion): 15" D.B.H. California: all except redwood type 12" D.B.H.; redwood type 24" D.B.H.

Forest Service; from A Reappraisal of the Forest Situation. Data by States in Agricultural Statistics 1948, table 771.

TABLE 777.—Construction, betterment, and maintenance of national roads and trails from forest-road appropriations and other Federal and cooperative funds, by States and Territories, cumulative from 1913 to June 30, 1948

State or Territory	Mileage to June 30, 1948			Expenditures to June 30, 1948		
	Roads		Trails	Federal funds	Cooperative funds	Total funds
	Construction	Betterment	Construction			
	Miles	Miles	Miles	Dollars	Dollars	Dollars
Alabama.....	851.6	84.1		3,063,360	53,193	3,116,553
Alaska.....	356.1	100.4	1,076.4	15,747,390	531,157	16,278,547
Arizona.....	4,339.8	1,301.2	3,223.0	26,100,911	1,376,618	27,477,529
Arkansas.....	2,018.7	965.6	586.4	11,978,471	432,504	12,410,975
California.....	1,766.5	1,009.1	12,801.6	80,341,593	7,845,999	88,187,592
Colorado.....	2,541.8	463.5	12,693.7	24,843,667	1,478,237	26,321,904
Florida.....	1,703.5	201.3	4,566,825	4,566,825	221,181	4,788,006
Georgia.....	566.9	207.5	363.1	5,662,129	440,361	6,102,490
Idaho.....	7,885.0	1,128.5	22,946.4	62,421,298	2,179,392	64,600,690
Illinois.....	328.0	46.6		2,754,579	28,779	2,783,358
Indiana.....	28.1	0.1		250,145	5,216	255,361
Iowa.....				38		38
Kansas.....	3.4			2,112		2,112
Kentucky.....	283.6	52.0	4.2	4,065,767	48,107	4,113,874
Louisiana.....	952.6	100.5		1,925,184	24,735	1,949,919
Maine.....	13.1	12.6	94.6	527,764		527,764
Maryland.....				70		70
Michigan.....	2,443.1	875.6	10.0	6,837,724	642,640	7,480,364
Minnesota.....	1,256.1	523.0	906.4	6,812,974	377,269	7,190,243
Mississippi.....	1,047.6	242.0	3.0	6,442,198	31,756	6,473,954
Missouri.....	1,107.6	310.6		4,310,502	6,851	4,317,353
Montana.....	3,256.5	366.6	20,553.1	33,671,235	748,769	34,420,004
Nebraska.....	132.2	13.4		390,304	1,252	391,556
Nevada.....	917.7	103.0	1,007.6	5,857,218	187,550	6,044,768
New Hampshire.....	159.9	22.6	987.2	3,773,916	112,401	3,886,317
New Jersey.....				218		218
New Mexico.....	2,894.3	860.7	1,963.6	20,287,466	470,884	20,758,350
New York.....				81		81
North Carolina.....	934.2	400.2	995.9	9,296,077	575,872	9,871,949
North Dakota.....	1.0			510		510
Ohio.....	28.3	20.5		291,423	3,628	295,051
Oklahoma.....	185.9	55.4	16.5	1,201,314	20,366	1,221,680
Oregon.....	7,914.6	1,425.6	10,453.2	58,544,617	9,234,402	67,779,019
Pennsylvania.....	279.1	150.3	277.8	3,627,392	59,281	3,686,673
Puerto Rico.....	53.2	22.7	69.1	3,188,043	86,055	3,274,098
South Carolina.....	644.1	68.3	20.2	3,761,177	86,197	3,847,374
South Dakota.....	555.5	168.0	113.8	4,074,243	261,713	4,325,956
Tennessee.....	626.3	229.2	784.0	6,039,555	397,769	6,437,324
Texas.....	618.8	198.7		3,995,790	35,408	4,031,198
Utah.....	2,860.6	516.0	4,547.8	16,007,419	1,460,175	17,467,594
Vermont.....	42.0	17.7	25.2	1,488,299	2,477	1,490,776
Virginia.....	650.4	150.4	1,726.1	6,901,434	205,658	7,107,092
Washington.....	3,682.6	807.4	10,481.3	35,382,386	1,840,419	37,222,805
West Virginia.....	723.1	62.4	1,041.5	6,136,929	74,508	6,211,437
Wisconsin.....	1,563.1	594.7		4,573,307	36,165	4,609,472
Wyoming.....	1,565.5	323.1	4,081.7	14,643,401	431,812	15,075,213
Total.....	69,782.0	13,901.1	113,854.4	511,788,455	32,046,756	543,835,211

Forest Service.

TABLE 778.—Number of visits to the national forests for utilization of the recreation resources, by States and Territories, 1947

State or Territory	Utilization of recreation resources										Highways, roads, and water routes	Grand total
	Utilization of improved public recreation areas				Organization camps	Hotels or resorts	Recreation residences	Wilderness areas	Other forest areas	Total		
	Camp grounds	Picnic areas	Winter sports areas	Sub-total								
Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits	Number visits		
Alabama.....		43, 518		43, 518	1, 450				12, 250	57, 218	58, 750	115, 968
Alaska.....	655	14, 510	3, 930	19, 095	550	1, 850	4, 960	5	15, 260	41, 720	18, 750	60, 470
Arizona.....	79, 360	164, 665	19, 580	263, 605	9, 945	91, 381	6, 479	7, 223	273, 657	652, 290	1, 861, 905	2, 514, 195
Arkansas.....	40, 070	90, 250		130, 320	3, 750	3, 860	810		71, 180	209, 920	109, 300	319, 220
California.....	1, 082, 969	426, 083	460, 550	1, 969, 602	123, 245	642, 959	244, 525	69, 645	1, 303, 770	4, 353, 746	21, 993, 536	26, 347, 282
Colorado.....	139, 145	382, 590	149, 460	671, 195	9, 730	465, 305	25, 321	5, 430	472, 620	1, 649, 601	2, 645, 450	4, 295, 051
Florida.....	9, 300	114, 000		123, 300	2, 750	1, 170	6, 000		26, 600	159, 820	160, 250	320, 070
Georgia.....	8, 200	103, 370		111, 570	7, 500		600		22, 250	141, 920	882, 500	1, 024, 420
Idaho.....	310, 982	186, 993	84, 460	582, 435	5, 210	42, 376	13, 214	11, 749	269, 804	924, 788	999, 850	1, 924, 638
Illinois.....	50	90, 000		90, 050					98, 000	188, 050	410, 000	598, 050
Indiana.....	40	27, 060		27, 100					32, 000	59, 100	62, 000	121, 100
Kentucky.....		4, 000		4, 000	500	5, 000			8, 000	17, 500	125, 000	142, 500
Louisiana.....		14, 255		14, 255					3, 600	21, 855	50, 000	71, 855
Maine.....	150	3, 500		3, 650			4, 000		2, 450	6, 100	90, 000	96, 100
Michigan.....	36, 200	73, 200	96, 680	206, 080	7, 690	1, 500	1, 170		510, 400	726, 840	2, 575, 000	3, 301, 840
Minnesota.....	23, 782	28, 313	11, 860	63, 955	6, 940	65, 734	9, 119	30, 700	170, 621	347, 069	480, 380	827, 449
Mississippi.....	7, 900	25, 286		33, 186					47, 100	80, 286	512, 485	592, 771
Missouri.....	17, 050	53, 300		70, 350	196		40		165, 000	235, 586	1, 635, 200	1, 870, 786
Montana.....	76, 950	143, 395	15, 860	236, 205	20, 075	48, 205	49, 998	7, 115	311, 225	672, 823	1, 009, 203	1, 682, 026
Nebraska.....		3, 200		3, 200					1, 600	4, 800	1, 000	5, 800
Nevada.....	21, 128	35, 600	8, 650	65, 378	1, 585	100	1, 070		23, 055	91, 188	227, 500	318, 688
New Hampshire.....	11, 995	55, 730	43, 200	110, 925		89, 030		50	193, 915	393, 920	2, 200, 000	2, 593, 920
New Mexico.....	55, 940	147, 760	14, 100	217, 800	9, 085	2, 170	3, 096	5, 915	156, 825	394, 891	159, 800	554, 691
North Carolina.....	135, 030	335, 360		470, 390	5, 425	93, 000	600	10, 700	227, 900	808, 015	1, 095, 000	1, 903, 015
Ohio.....	20, 000	83, 000		103, 000					16, 500	119, 500	5, 000	124, 500
Oklahoma.....		2, 300		2, 300					5, 100	7, 400	5, 000	12, 400
Oregon.....	674, 291	128, 621	316, 430	1, 119, 341	12, 080	175, 309	15, 611	11, 645	203, 305	1, 537, 291	1, 910, 630	3, 447, 921

Pennsylvania.....	4,400	132,000	2,000	138,400	600	4,400	4,000	-----	1,760,000	1,907,400	2,750,000	4,657,400
Puerto Rico.....		35,582		35,582		10,500	4,000	-----		50,082	6,225	56,307
South Carolina.....	550	32,745		33,295				-----	7,010	40,305	66,140	106,445
South Dakota.....	2,700	95,910	20	98,630	9,200	29,530	6,990	15	258,550	402,915	1,720,400	2,123,315
Tennessee.....	2,900	94,550		97,450	4,000	16,250	3,200	-----	137,910	258,810	218,050	476,860
Texas.....	1,600	46,500		48,000	1,000			-----	24,000	73,000	24,000	97,000
Utah.....	345,225	1,344,697	236,665	1,926,587	47,100	100,400	63,253	9,215	357,117	2,503,672	1,089,874	3,593,546
Vermont.....	500	26,316	500	27,316				-----	11,550	38,866	24,750	63,616
Virginia.....	6,293	219,797		226,090	2,570	3,030	1,775	-----	73,600	307,065	96,490	403,555
Washington.....	302,978	165,005	224,845	692,828	16,756	109,452	42,538	13,294	155,190	1,030,058	5,231,960	6,262,018
West Virginia.....	2,709	130,855		133,564	2,855			-----	41,900	178,319	36,300	214,619
Wisconsin.....	12,520	77,665	11,850	102,035	2,885	230	160	-----	84,130	189,440	503,300	692,740
Wyoming.....	84,685	81,120	25,035	190,840	7,857	107,665	23,449	11,440	106,331	447,582	3,443,760	3,891,342
Total.....	3,518,147	5,262,600	1,725,675	10,506,422	322,529	2,110,406	535,978	194,141	7,661,275	21,330,751	56,494,738	77,825,489

Forest Service.

TABLE 779.—National forest, purchase unit, experimental, and land-utilization areas, by regions, June 30, 1948

Unit ¹	Number of units	Gross area	Area not under Forest Service administration	Area under Forest Service administration		
				Acquired	Approved for acquisition but unacquired	Total
United States and Territories ^{2,3}		<i>Acres</i> 228,936,105	<i>Acres</i> 48,408,043	<i>Acres</i> 179,764,502	<i>Acres</i> 763,560	<i>Acres</i> 180,528,062
National forests.....	152	219,119,070	39,785,450	178,595,882	737,738	179,333,620
Purchase units ²	43	9,192,293	8,510,324	656,895	25,074	681,969
Experimental areas ³	17	340,183	21,854	317,581	748	318,329
Land-utilization and other areas.....		284,559	90,415	194,144		194,144

AREAS BY FOREST SERVICE REGIONS

Region 1.....		27,839,383	3,224,364	24,488,167	126,852	24,615,019
National forests.....	17	27,839,383	3,224,364	24,488,167	126,852	24,615,019
Region 2.....		21,912,087	2,209,067	19,689,659	13,361	19,703,020
National forests.....	17	21,861,999	2,168,297	19,680,341	13,361	19,693,702
Land-utilization areas.....		50,088	40,770	9,318		9,318
Region 3.....		22,414,620	1,988,016	20,401,254	25,350	20,426,604
National forests.....	13	22,004,350	1,938,337	20,040,663	25,350	20,066,013
Experimental areas.....	3	246,886	4,097	242,789		242,789
Land-utilization and other areas.....		163,384	45,582	117,802		117,802
Region 4.....		32,871,823	2,181,527	30,676,532	13,764	30,690,296
National forests.....	21	32,763,650	2,154,914	30,594,972	13,764	30,608,736
Purchase units.....	2	31,114	26,613	4,501		4,501
Experimental areas.....	1	55,625		55,625		55,625
Land-utilization areas.....		21,434		21,434		21,434
Region 5.....		24,168,906	5,006,640	19,075,344	86,922	19,162,266
National forests.....	18	23,212,918	4,158,001	18,967,995	86,922	19,054,917
Purchase units.....	4	950,874	848,639	102,235		102,235
Experimental areas.....	2	4,714		4,714		4,714
Other areas.....		400		400		400
Region 6.....		26,875,029	3,604,707	23,247,492	22,830	23,270,322
National forests.....	19	26,854,446	3,600,087	23,231,529	22,830	23,254,359
Purchase units.....	2	20,583	4,620	15,963		15,963
Region 7.....		10,370,898	6,189,635	4,092,581	88,682	4,181,263
National forests.....	7	9,347,687	5,213,127	4,045,878	88,682	4,134,560
Purchase units.....	4	997,321	961,503	35,818		35,818
Experimental areas.....	5	25,890	15,005	10,885		10,885
Region 8.....		21,658,357	12,273,765	9,234,276	150,316	9,384,592
National forests.....	24	18,860,538	9,600,954	9,111,383	148,201	9,259,584
Purchase units.....	12	2,790,761	2,670,059	119,335	1,367	120,702
Experimental areas.....	5	7,058	2,752	3,558	748	4,306
Region 9.....		19,756,095	11,541,573	7,979,962	234,560	8,214,522
National forests.....	13	15,425,397	7,647,459	7,566,162	211,776	7,777,938
Purchase units.....	18	4,281,435	3,890,051	368,600	22,784	391,384
Experimental areas.....	1	10		10		10
Land-utilization areas.....		49,253	4,063	45,190		45,190
Region 10 (Alaska).....		20,882,752	35,097	20,847,655		20,847,655
National forests.....	2	20,882,752	35,097	20,847,655		20,847,655
TROPICAL REGION (PUERTO RICO).....		186,155	153,652	31,580	923	32,503
National forests.....	1	65,950	44,813	21,137		21,137
Purchase units.....	1	120,205	108,839	10,443	923	11,366

¹ Definition of units:

National forests:—Areas established as national forests by Act of Congress or Presidential proclamation. Acreages shown as under Forest Service administration include small administrative sites outside of proclaimed boundaries, and those portions of land-utilization projects and other areas over which the Forest Service has supervision located within the national forest boundaries. Land-utilization and other areas located outside the national forests and under Forest Service supervision are not included, such areas being listed under the classification "Land-utilization and other areas."

Purchase units:—Areas established by the Secretary of Agriculture with the concurrence of the National Forest Reservation Commission but not formalized by Act of Congress or Presidential Proclamation. Acreages shown under Forest Service administration include all administrative sites outside the established boundaries, and those portions of the land-utilization projects and other areas, over which the Forest Service has supervision located within the established purchase unit boundaries. Land-utilization and other areas located outside the boundaries and under Forest Service supervision are not included, such areas being listed under the classification "Land-utilization and other areas."

Experimental areas:—Areas outside of the exterior boundaries of national forests or purchase units which have been reserved and dedicated to forest or range research and experimentation by Executive Order or other authorized administrative action. Massabesic Experimental Forest in Maine and the McNeill Division of the Harrison Experimental Forest in Mississippi, which have both purchase-unit and experimental-area status, are only included in the experimental-area summaries.

Land-utilization and other areas: Lands acquired by the United States in pursuance of certain national programs of land utilization and adjustment, which by Order of the Secretary of Agriculture have been placed under the administration of the Forest Service but have not yet been given a (Continued at bottom of next page.)

TABLE 780.—Number of fires, area burned over, and forest area on national forest lands, United States and Alaska; and on protected and unprotected forest areas on State and private lands, United States and Hawaii, 1929-48

Calendar year	National forest lands ¹			State and private forest lands ²					
	Fires ²	Area burned over	National forest area under Forest Service administration	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1929	6,221	978	159,738	44,076	4,876	120,819	90,819	41,354	-----
1930	7,041	205	160,078	70,832	5,809	120,148	120,148	46,457	-----
1931	6,984	640	160,775	56,448	5,854	125,040	125,040	45,200	-----
1932	5,612	422	161,348	55,563	3,234	219,948	105,899	38,410	194,771
1933	5,243	160	161,997	48,754	3,342	219,058	87,435	40,167	193,187
1934	9,299	646	162,578	61,246	3,514	235,577	93,345	37,648	189,280
1935	9,349	242	163,297	54,580	2,811	240,827	77,743	27,796	184,718
1936	14,868	437	165,965	73,706	3,792	250,454	141,432	38,990	176,003
1937	10,402	103	174,381	54,292	1,254	256,248	121,449	20,637	161,949
1938	11,628	219	175,213	76,323	2,623	267,415	146,030	30,876	144,374
1939	13,797	356	176,469	85,657	3,266	276,362	114,638	26,660	148,812
1940	14,744	318	176,753	73,518	2,930	279,149	107,824	22,432	146,749
1941	10,338	251	177,626	80,983	3,137	279,517	108,706	22,830	143,743
1942	10,580	498	178,313	75,843	3,863	288,371	122,428	27,415	136,687
1943	10,617	320	178,477	78,815	3,860	299,334	121,619	27,715	131,275
1944	9,720	284	179,069	56,148	2,301	301,228	66,096	13,873	129,919
1945	8,851	231	179,349	48,176	2,456	302,942	68,013	14,780	126,959
1946	10,661	197	179,695	66,103	2,253	318,505	96,505	18,117	120,489
1947	9,967	254	180,232	71,442	2,814	327,968	120,429	20,093	111,026
1948	7,607	177	180,334	61,095	1,962	339,463	106,413	14,283	99,531

¹ Including Alaska.

² Fires originating on protected land inside national forest boundaries.

³ Excluding Alaska. Data reported to the Forest Service by its field offices, cooperating agencies, other Government bureaus, and similar sources. The figures are as complete as could be compiled from the reports.

Forest Service.

TABLE 781.—Expenditures for forest fire protection on State and private forest lands, United States and Hawaii, fiscal years ended June 30, 1929-48

Fiscal year	Federal contribution ¹	State and county expenditure	Private agencies expenditure	Total	Fiscal year	Federal contribution ¹	State and county expenditure	Private agencies expenditure	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1929	1,146	2,120	923	4,189	1939	1,958	4,725	1,892	8,575
1930	1,327	2,886	1,232	5,445	1940	2,155	5,155	2,045	9,355
1931	1,620	3,910	1,101	6,631	1941	2,147	5,087	2,212	9,446
1932	1,654	3,276	1,094	6,024	1942	2,700	6,272	2,193	11,165
1933	1,628	2,493	649	4,670	1943	4,624	6,722	2,406	13,752
1934	1,534	2,966	829	5,329	1944	5,876	6,351	1,739	13,960
1935	1,533	2,936	1,196	5,665	1945	5,925	6,562	2,114	14,601
1936	1,529	2,671	1,123	5,323	1946	7,012	7,498	2,389	16,899
1937	1,604	4,152	1,228	6,984	1947	7,889	9,478	2,236	19,603
1938	1,604	4,014	1,433	7,051	1948	8,605	12,831	2,064	23,500

¹ Provided by the Clarke-McNary law, Act of June 7, 1924, and emergency fire-control programs.

Forest Service.

FOOTNOTES FOR TABLE 779—Cont'd:

national forest status. The portions of these project lands located within the established national forest or purchase unit boundaries, are included as part of the national forest or purchase unit acreage. The Fort Bayard Reservation, New Mexico, was placed under the administration of the Forest Service by the Federal Works Agency.

² Does not include lands within certain State forests in Michigan which have been acquired by the United States with intent to exchange them for State lands within the national forests.

³ Exclusive of 1,890 acres of the Beltsville Research Center of the Department of Agriculture, assigned to the Forest Service for use as an experimental area.

Forest Service.

TABLE 782.—Expenditures for forest fire protection on State and private forest lands, by States and Hawaii, fiscal year ended June 30, 1948

State or Territory	Federal contribution ¹	State and county expenditure	Private agencies expenditure	Total	State or Territory	Federal contribution ¹	State and county expenditure	Private agencies expenditure	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	276	580	48	904	Montana.....	97	24	94	215
Arkansas.....	155	495	103	753	Nevada.....	11	16	3	30
California.....	1,494	2,249	-----	3,743	New Hampshire.....	59	254	119	432
Colorado.....	22	13	34	69	New Jersey.....	127	242	-----	369
Connecticut.....	48	95	-----	143	New Mexico.....	10	9	6	25
Delaware.....	8	8	-----	16	New York.....	174	590	-----	764
Florida.....	428	226	286	940	North Carolina.....	233	398	18	649
Georgia.....	227	101	152	480	Ohio.....	73	100	-----	173
Hawaii.....	4	6	-----	10	Oklahoma.....	53	48	13	114
Idaho.....	163	72	150	385	Oregon.....	864	538	622	2,024
Illinois.....	19	26	-----	45	Pennsylvania.....	233	432	-----	665
Indiana.....	66	97	-----	163	Rhode Island.....	28	48	-----	76
Iowa.....	8	15	-----	23	South Carolina.....	335	529	-----	864
Kentucky.....	72	184	-----	256	South Dakota.....	7	24	-----	31
Louisiana.....	188	260	66	514	Tennessee.....	104	149	5	258
Maine.....	146	588	-----	734	Texas.....	141	155	82	378
Maryland.....	110	187	-----	297	Utah.....	21	31	-----	52
Massachusetts.....	95	174	-----	269	Vermont.....	22	70	4	96
Michigan.....	428	974	-----	1,402	Virginia.....	214	249	-----	463
Minnesota.....	300	438	-----	738	Washington.....	774	643	259	1,676
Mississippi.....	194	396	-----	590	West Virginia.....	193	202	-----	395
Missouri.....	110	309	-----	419	Wisconsin.....	271	587	-----	858
					Total.....	8,605	12,831	2,064	23,500

¹ Provided by the Clarke-McNary law, Act of June 7, 1924, and emergency fire-control programs. Forest Service.

TABLE 783.—Volume and value of timber cut on national forests and value of all forest products, United States, fiscal years ended June 30, 1929-48

Fiscal year	Total timber cut ¹		Value of miscellaneous forest products ²	Total value, including free-use timber	Fiscal year	Total timber cut ¹		Value of miscellaneous forest products ²	Total value, including free-use timber
	Volume	Value				Volume	Value		
	Million ft. b. m.	1,000 dollars	1,000 dollars	1,000 dollars		Million ft. b. m.	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	1,497	4,328	31	4,456	1939.....	1,291	3,375	52	3,687
1930.....	1,653	4,790	23	4,930	1940.....	1,740	4,807	57	5,168
1931.....	1,222	3,348	17	3,527	1941.....	2,067	5,762	62	6,084
1932.....	612	1,519	21	1,767	1942.....	2,205	6,109	79	6,429
1933.....	474	1,077	19	1,333	1943.....	2,359	8,672	60	8,907
1934.....	675	1,609	26	1,845	1944.....	3,333	14,155	150	14,517
1935.....	752	1,938	41	2,260	1945.....	3,145	13,016	104	13,291
1936.....	1,021	2,590	30	2,892	1946.....	2,730	11,494	150	11,811
1937.....	1,291	3,189	39	3,505	1947.....	3,835	14,955	183	16,780
1938.....	1,288	3,209	52	3,539	1948.....	3,769	19,842	145	21,389

¹ Commercial and cost sales and land exchange.

² Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish Moss, etc.

Forest Service. Data for 1905-28 in Agricultural Statistics, 1944, table 631.

TABLE 784.—Number and costs of forest trees planted on farm lands, United States, 1929-48

Year (as specified)	Forest trees planted on farm lands during calendar year shown	Costs during year ended June 30			Year (as specified)	Forest trees planted on farm lands during calendar year shown	Costs during year ended June 30		
		Federal contribution ¹	State expenditure	Total			Federal contribution ¹	State expenditure	Total
	1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars		1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars
1929.....	25,000	75	295	370	1939.....	64,213	97	301	398
1930.....	26,000	81	322	403	1940.....	87,468	140	384	524
1931.....	25,000	91	248	339	1941.....	97,650	113	413	526
1932.....	23,500	94	204	298	1942.....	74,219	115	412	527
1933.....	21,970	77	196	273	1943.....	46,350	115	333	448
1934.....	20,208	53	146	199	1944.....	37,980	119	344	463
1935.....	26,150	55	151	206	1945.....	37,743	114	458	572
1936.....	35,648	55	196	251	1946.....	43,588	113	524	637
1937.....	41,698	71	251	321	1947.....	42,347	117	769	886
1938.....	55,360	70	295	365	1948.....	77,375	124	1,064	1,187

¹ Provided by the Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxey law, Act of May 18, 1937.

Forest Service.

TABLE 785.—Number of forest trees planted on farm lands during 1948, with cost during fiscal year ended June 30, 1948, by States and Territories

State or Territory	Forest trees planted on farm land during calendar year 1948	Cost during year ended June 30, 1948			State or Territory	Forest trees planted on farm land during calendar year 1948	Cost during year ended June 30, 1948		
		Federal contribution ¹	State expenditure	Total			Federal contribution ¹	State expenditure	Total
	1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars		1,000 trees	1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	2,546	3	19	22	Nebraska.....	1,685	3	29	31
Arkansas.....	3,658	3	26	29	New Hampshire.....	(No rept.)	3	10	13
Colorado.....	250	3	8	11	New Jersey.....	261	3	25	28
Connecticut.....	116	0.5	0.5	1	New York.....	4,588	4	51	55
Delaware.....	46	1	1	2	North Carolina.....	1,678	3	20	23
Florida.....	4,725	3	43	46	North Dakota.....	524	3	10	13
Georgia.....	12,369	3	92	95	Ohio.....	1,089	3	56	59
Hawaii.....	48	3	6	9	Oklahoma.....	527	3	26	29
Idaho.....	247	3	8	11	Oregon.....	797	3	5	8
Illinois.....	2,165	3	44	47	Pennsylvania.....	2,494	4	106	110
Indiana.....	2,686	3	47	50	Puerto Rico.....	2,992	3	7	10
Iowa.....	364	3	16	19	South Carolina.....	5,661	3	44	47
Kansas.....	871	3	18	21	South Dakota.....	550	3	17	20
Kentucky.....	362	3	10	13	Tennessee.....	176	3	10	13
Louisiana.....	1,041	3	11	14	Texas.....	6,525	3	29	32
Maine.....	45	1	1	2	Utah.....	105	3	3	6
Maryland.....	130	1	1	2	Vermont.....	359	3	11	14
Massachusetts.....	292	3	18	21	Virginia.....	522	3	11	14
Michigan.....	2,463	3	19	22	Washington.....	102	3	18	21
Mississippi.....	8,003	3	75	78	West Virginia.....	141	3	22	25
Missouri.....	991	3	24	27	Wisconsin.....	2,784	3	47	50
Montana.....	261	3	12	15	Wyoming.....	136	1	8	9
					Total.....	77,375	123.5	1,064.5	1,187

¹ Provided by the Clarke-McNary law, Act of June 7, 1924, and the Norris-Doxey law, Act of May 18, 1937.

Forest Service.

TABLE 786.—Number of livestock permitted to graze on the national forests by calendar years, and grazing receipts by fiscal years ended June 30, United States, 1929-48¹

Year	Cattle	Horses	Swine	Sheep	Goats	Receipts from grazing, fiscal year
	Number	Number	Number	Number	Number	Dollars
1929	1,322,465	48,171	853	6,650,719	15,487	1,740,290
1930	1,315,882	41,961	540	6,700,846	13,496	1,942,914
1931	1,338,373	37,335	431	6,593,583	14,645	1,960,642
1932	1,361,160	35,105	528	6,308,500	12,438	829,960
1933	1,366,538	31,797	533	6,150,921	11,045	1,498,209
1934	1,389,387	29,549	314	6,152,244	9,124	1,358,688
1935	1,315,233	29,085	292	5,681,938	9,148	1,151,150
1936	1,282,540	28,268	159	5,636,937	8,113	1,441,493
1937	1,254,425	29,499	241	5,477,351	7,603	1,580,345
1938	1,220,532	29,543	126	5,300,140	7,160	1,696,457
1939	1,180,971	27,897	220	5,125,642	5,965	1,573,912
1940	1,147,539	29,452	184	4,943,131	6,065	1,463,127
1941	1,175,749		108	4,787,369		1,429,091
1942	1,191,218			4,758,038		1,595,126
1943	1,211,568		572	4,538,660		1,973,233
1944	1,225,254		256	4,280,370		2,458,946
1945	1,206,227		105	3,888,839		2,158,626
1946	1,203,201		139	3,712,981		2,059,676
1947	1,246,626			3,409,307		2,293,773
1948	1,225,942			3,328,805		2,898,037

¹ Animals under 6 months of age not counted; no pay-permit required for animals under 6 months of age.

Forest Service. Data for 1905-28 in the Yearbook of Agriculture, 1935, table 509.

TABLE 787.—Number of livestock permitted to graze on the national forests in 1948, and grazing receipts for fiscal year ended June 30, 1948, by States and Alaska

State or Territory	Livestock under pay-permit ¹		Receipts from grazing, fiscal year ²	State or Territory	Livestock under pay-permit ¹		Receipts from grazing, fiscal year ²
	Cattle and horses	Sheep and goats			Cattle and horses	Sheep and goats	
	Number	Number	1,000 dollars		Number	Number	1,000 dollars
Alabama	557			New Mexico	84,221	110,257	166
Alaska	90	12		North Carolina	238		
Arizona	139,372	89,214	314	Ohio	177		
Arkansas	31,582	1	1	Oklahoma	5,030		
California	117,967	147,179	236	Oregon	73,355	175,436	193
Colorado	177,549	655,703	484	Pennsylvania	26		
Florida	1,635			South Carolina	946		
Georgia	650	50		South Dakota	26,784	16,769	42
Idaho	116,710	674,965	346	Tennessee	347		
Illinois	783	2,000		Texas	1,374		1
Indiana	128			Utah	113,867	526,322	324
Iowa	282			Vermont	91		
Louisiana	759			Virginia	427	188	1
Michigan	2,230	281		Washington	20,014	49,244	48
Minnesota	740	70		West Virginia	2,092	1,684	4
Mississippi	1,322		1	Wisconsin	580	32	
Missouri	6,082	23	4	Wyoming	108,535	465,532	273
Montana	117,068	273,118	284				
Nebraska	12,660		42	Total	1,225,942	3,328,805	2,898
Nevada	59,672	140,726	134				

¹ Animals under 6 months of age not counted; no pay-permit required for animals under 6 months of age.

² Includes grazing trespass.

Forest Service.

TABLE 788.—Receipts from national forests, United States, fiscal years ended June 30, 1929-48

Fiscal year	From the use of timber (commercial and cost sales)	From the use of grazing	From special land uses, water power, etc.	Total	Fiscal year	From the use of timber (commercial cost sales)	From the use of grazing	From special land uses, water power, etc.	Total
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1929.....	4, 108, 585	1, 740, 290	450, 917	6, 299, 802	1939.....	2, 857, 211	1, 573, 912	472, 254	4, 903, 377
1930.....	4, 389, 893	1, 942, 914	418, 746	6, 751, 553	1940.....	3, 943, 022	1, 463, 127	453, 035	5, 859, 184
1931.....	2, 607, 618	1, 960, 642	425, 060	4, 993, 320	1941.....	4, 789, 024	1, 429, 091	463, 710	6, 681, 825
1932.....	1, 049, 108	829, 960	415, 180	2, 294, 248	1942.....	5, 094, 241	1, 595, 126	475, 523	7, 164, 890
1933.....	782, 808	1, 498, 209	345, 032	2, 626, 049	1943.....	7, 610, 088	1, 973, 233	473, 071	10, 056, 392
1934.....	1, 522, 356	1, 358, 688	433, 647	3, 314, 691	1944.....	12, 622, 949	2, 458, 946	535, 045	15, 616, 940
1935.....	1, 729, 037	1, 151, 153	408, 410	3, 288, 600	1945.....	11, 586, 908	2, 158, 626	2, 302, 401	16, 047, 935
1936.....	2, 203, 237	1, 441, 493	418, 233	4, 062, 963	1946.....	10, 554, 312	2, 059, 676	1, 261, 083	13, 875, 071
1937.....	2, 924, 471	1, 580, 345	431, 367	4, 936, 183	1947.....	15, 420, 902	2, 293, 773	658, 124	18, 372, 799
1938.....	2, 517, 659	1, 696, 457	457, 018	4, 671, 134	1948.....	20, 594, 286	2, 898, 315	743, 830	24, 236, 431

Forest Service. Data for 1905-28 in Agricultural Statistics, 1944, table 636.

TABLE 789.—Payments¹ to States and Territories from receipts of the preceding fiscal year from sales of timber, grazing fees, and miscellaneous uses of national forests, fiscal years ended June 30, 1946, 1947, and 1948

State or Territory	1946	1947	1948	State or Territory	1946	1947	1948
	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars
Alabama.....	33, 856	29, 449	33, 577	New Hampshire.....	22, 561	28, 173	19, 218
Alaska.....	25, 381	13, 923	37, 197	New Mexico.....	77, 371	76, 008	107, 745
Arizona.....	142, 838	157, 146	196, 449	North Carolina.....	66, 520	46, 597	53, 606
Arkansas.....	200, 814	145, 276	160, 294	North Dakota.....	18	35	32
California.....	364, 102	414, 466	474, 414	Ohio.....	6, 653	7, 215	1, 970
Colorado.....	143, 348	146, 749	182, 501	Oklahoma.....	19, 901	11, 597	10, 994
Florida.....	57, 015	45, 632	52, 272	Oregon.....	600, 149	559, 280	938, 871
Georgia.....	27, 347	34, 108	56, 154	Pennsylvania.....	20, 523	24, 171	25, 960
Idaho.....	220, 763	209, 827	304, 131	Puerto Rico.....	6, 037	6, 458	4, 215
Illinois.....	9, 389	9, 237	9, 107	South Carolina.....	54, 410	42, 951	66, 399
Indiana.....	1, 060	621	1, 100	South Dakota.....	41, 184	47, 322	72, 357
Iowa.....	337	376	369	Tennessee.....	27, 491	34, 172	30, 988
Kentucky.....	24, 526	27, 380	23, 274	Texas.....	101, 407	109, 929	102, 837
Louisiana.....	49, 931	39, 270	42, 789	Utah.....	76, 640	63, 372	91, 787
Maine.....	1, 570	1, 920	1, 343	Vermont.....	17, 996	14, 934	26, 415
Michigan.....	39, 284	56, 258	61, 739	Virginia.....	23, 271	30, 269	35, 067
Minnesota.....	52, 247	60, 371	78, 306	Washington.....	639, 086	398, 089	737, 852
Mississippi.....	504, 736	229, 869	102, 605	West Virginia.....	20, 554	22, 550	27, 766
Missouri.....	11, 609	15, 049	14, 732	Wisconsin.....	23, 794	27, 679	32, 636
Montana.....	138, 363	134, 726	195, 761	Wyoming.....	77, 171	74, 065	101, 339
Nebraska.....	6, 472	5, 344	5, 822				
Nevada.....	25, 306	22, 567	25, 331	Total.....	4, 003, 031	3, 424, 430	4, 546, 724

¹ Payments are 25 percent of the receipts of the preceding fiscal year from national forests, under Act of May 23, 1908.

Forest Service.

TABLE 790.—Estimated number and kill by hunters of big game animals, number of hunter-fisherman users, and miles and acres of fishing waters on the national forests of United States and Alaska, by States, 1948, and totals for 1941-48

State or Territory	Big game ¹		Big game killed by hunters		Hunter-fisherman users	Fishing streams	Fishing lakes
	Deer	Others ²	Deer	Others ²			
	Number	Number	Number	Number	Number	Miles	Acres
Alabama.....	4,200		270		27,000	396	379
Alaska.....	37,000	25,000	3,700	1,000	14,000		
Arizona.....	62,000	26,000	5,100	1,600	109,000	400	26,000
Arkansas.....	15,000		900		60,000	802	381
California.....	425,000	19,000	26,000	1,000	870,000	11,708	205,013
Colorado.....	192,000	45,000	27,000	5,000	265,000	7,649	19,995
Florida.....	6,900	400	2,200		39,000	310	20,985
Georgia.....	7,000		600		25,000	898	8,542
Idaho.....	156,000	66,000	18,000	7,000	452,000	9,977	46,623
Illinois.....	210				18,000	453	8,000
Indiana.....	2,000				17,000		
Kentucky.....	60				13,000	330	
Louisiana.....	1,000		160		12,000	179	4,610
Maine.....	800	30	320	10	840	39	130
Michigan.....	178,000	3,000	24,000		203,000	4,139	100,000
Minnesota.....	72,000	5,000	8,600	700	161,000	1,350	640,000
Mississippi.....	4,100		350		42,000	602	443
Missouri.....	22,000		280		77,000	1,302	30,000
Montana.....	116,000	49,000	9,600	6,400	328,000	8,335	45,417
Nebraska.....	300						
Nevada.....	62,000	1,000	5,200	100	26,000	1,015	38,150
New Hampshire.....	1,900	300	240	30	8,000	532	1,080
New Mexico.....	64,000	5,000	5,600	300	77,000	1,000	91
North Carolina.....	10,000	1,000	1,000	200	58,000	1,035	14,614
Ohio.....	300				11,000		
Oklahoma.....	300	10	80		6,500	85	85
Oregon.....	149,000	24,000	15,000	4,600	485,000	5,403	45,182
Pennsylvania.....	16,000		4,000		200,000	580	62
South Carolina.....	1,700		680		17,000	463	36
South Dakota.....	43,000	3,000	8,100	200	50,000	250	631
Tennessee.....	4,000	800	200	40	31,000	137	1,627
Texas.....	5,600		1,000		14,000	445	772
Utah.....	178,000	6,000	40,000	1,000	355,000	2,461	15,544
Vermont.....	5,200	400	410	40	15,000	464	2,535
Virginia.....	22,000	1,600	1,700	100	128,000	691	28
Washington.....	89,000	32,000	8,100	3,900	435,000	4,521	34,220
West Virginia.....	18,600	1,000	3,100	300	112,000	1,939	
Wisconsin.....	87,000	1,000	5,000	200	107,000	1,164	40,000
Wyoming.....	57,000	43,000	10,000	8,000	134,000	3,599	78,039
Total: 1948.....	2,080,000	330,000	233,000	41,000	5,002,000	74,653	1,429,214
1947.....	2,089,000	333,000	232,700	43,400	4,655,000	74,653	1,429,214
1946.....	1,989,000	315,000	217,520	42,800	4,133,000	74,653	1,429,214
1945.....	1,953,000	308,000	176,200	31,180	3,019,000	74,753	1,429,214
1944.....	1,941,000	292,100	162,330	25,340	2,297,000	74,753	1,429,214
1943.....	1,901,000	301,400	187,610	34,100	2,277,000	74,753	1,429,214
1942.....	1,956,000	290,500	192,970	37,640	2,636,000	74,653	1,429,214
1941.....	1,865,000	280,900	183,980	25,660	3,546,000	74,653	1,429,214

¹ Inventory numbers as of Dec. 31, 1948.

² Includes antelope, bear, elk, moose, mountain goat, big horn, peccary, and wild boars.

Forest Service.

TABLE 791.—Lumber production and average prices,¹ United States, 1929-47

Year	Total		Softwoods		Hardwoods	
	Quantity	Average price	Quantity	Average price	Quantity	Average price
	<i>1,000</i> <i>ft. b.m.</i>	<i>Dollars</i>	<i>1,000</i> <i>ft. b.m.</i>	<i>Dollars</i>	<i>1,000</i> <i>ft. b.m.</i>	<i>Dollars</i>
1929.....	35,745,275	26.94	30,836,328	24.31	7,908,947	38.04
1930.....	29,358,021	22.81	23,228,098	20.88	6,129,925	31.49
1931.....	19,997,432	18.56	15,886,696	16.74	4,110,736	28.00
1932.....	13,523,742	15.12	10,801,823	13.94	2,721,919	22.45
1933.....	17,150,575	18.55	13,785,975	16.84	3,364,600	27.81
1934.....	18,826,306	21.47	14,617,862	20.05	4,208,444	28.01
1935.....	22,943,833	20.43	18,195,665	19.08	4,748,168	27.09
1936.....	27,626,440	22.20	22,025,168	21.03	5,601,272	27.92
1937.....	29,003,953	24.25	23,148,214	22.97	5,855,739	30.49
1938.....	24,825,497	21.45	19,954,881	20.42	4,870,616	27.09
1939.....	28,754,616	21.97	23,290,698	20.97	5,463,917	27.66
1940.....	31,159,126	23.32	25,622,110	22.48	5,537,016	28.47
1941.....	36,537,629	28.09	29,866,602	27.26	6,671,027	32.34
1942.....	36,332,248	31.50	29,510,194	30.73	6,822,054	34.87
1943.....	34,288,757	36.86	26,917,342	35.57	7,371,415	41.57
1944.....	32,937,549	(²)	25,159,695	(²)	7,777,854	(²)
1945.....	28,122,344	(²)	21,139,872	(²)	6,982,472	(²)
1946.....	34,112,357	(²)	25,856,584	(²)	8,255,773	(²)
1947.....	35,404,212	(²)	27,937,398	(²)	7,466,814	(²)

¹ Per 1,000 feet, board measure, f.o.b. mill.² Data not available.

Forest Service. Data for 1799-1928 in Agricultural Statistics, 1947, table 758.

TABLE 792.—Lumber production, hardwoods and softwoods, by State and region, 1947

State and region	Report- ing active saw- mills	Hardwoods														Total hard- woods
		Alder and bass- wood ¹	Ash	Beech	Birch	Aspen and cotton- wood	Elm	Maple	Oak	Red gum	Black and tupelo gum	Walnut	Yellow poplar	Other hard- woods		
	<i>Number</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	
Connecticut.....	191	55	91	207	288	317	25	942	8,199				268	181	10,573	
Maine.....	742	511	1,305	1,648	9,605	214	56	6,443	2,907					69	22,758	
Massachusetts.....	473	48	1,110	3,027	2,974	2	12	6,335	9,347		10		32	5,556	28,453	
New Hampshire.....	479	106	573	4,286	12,652	191	141	9,594	6,412					525	34,480	
Rhode Island.....	23	6	1	12	12	5		33	999					5	1,073	
Vermont.....	451	1,518	2,323	9,520	21,069	780	269	26,089	3,330					329	65,227	
New England.....	2,359	2,244	5,403	18,700	46,600	1,509	503	49,436	31,194		10		300	6,665	162,564	
Delaware.....	146		3	25			135	65	4,785	369	76	1	533	31	6,023	
Maryland.....	716	113	111	1,802	510	352	30	1,801	39,457	3,078	575	78	14,946	3,457	66,310	
New Jersey.....	238	30	139	236	74	90	132	384	15,915	974	40	21	2,256	5,949	26,240	
New York.....	1,790	13,187	5,690	25,647	25,930	1,259	4,509	74,071	25,874		5	13	1,006	6,751	183,942	
Pennsylvania.....	2,727	12,472	11,470	42,571	6,432	894	5,703	68,841	231,175	298	390	771	23,441	40,716	445,174	
Middle Atlantic.....	5,617	25,802	17,413	70,281	32,946	2,595	10,509	145,162	317,206	4,719	1,086	884	42,182	56,904	727,689	
Michigan.....	1,899	17,779	7,816	23,497	49,372	44,747	30,081	169,237	33,232		2	262	1,466	2,652	380,143	
Minnesota.....	1,525	11,089	4,274	3,164	75,750	15,397	2,233	13,764	74,763			23		301	125,995	
Wisconsin.....	1,776	24,109	10,105	1,224	25,893	79,475	28,175	82,322	74,763			44		1,717	327,827	
Lake.....	5,200	52,977	22,195	24,721	78,429	199,972	73,653	253,792	121,759			2	329	1,466	833,965	
Illinois.....	1,155	336	1,735	596	294	8,908	6,728	4,729	63,246	2,676	313	822	896	7,930	99,209	
Indiana.....	937	1,828	2,997	22,328	295	7,216	11,030	15,776	82,318	3,470	1,550	3,773	10,432	16,799	179,812	
Kentucky.....	2,168	8,212	2,918	55,533	1,127	4,420	2,429	15,628	203,939	13,963	7,608	1,818	52,130	24,867	394,592	
Missouri.....	2,672	16	491	52	66	17,417	8,240	3,279	167,583	1,773	2,282	7,574	279	11,084	220,136	
Ohio.....	1,644	2,691	7,436	27,917	505	3,622	22,414	33,964	124,977	751	1,129	2,358	17,419	17,373	262,556	
Tennessee.....	2,567	2,347	6,536	39,453	619	8,435	10,404	255,091	20,928	20,928	12,062	3,264	52,575	30,839	451,308	
West Virginia.....	1,516	18,766	4,094	27,020	9,315	104	441	46,215	223,607	2,015	4,406	2,064	51,918	53,020	442,985	
Central.....	12,659	34,196	26,207	172,899	12,221	50,122	60,037	129,995	1,120,761	45,576	29,350	21,673	185,649	161,912	2,050,598	
North Carolina.....	4,588	2,382	2,718	2,659	1,654	224	179	7,847	176,078	34,260	46,388	100	70,449	21,156	366,094	
South Carolina.....	1,438	33	2,281	131	563	1,226	1,625	6,507	48,144	50,362	50,893	1	19,808	3,776	185,350	
Virginia.....	3,101	3,118	1,368	9,527	1,238	162	121	7,162	245,710	20,413	19,342	1,292	99,875	16,882	426,210	
South Atlantic.....	9,127	5,533	6,367	12,317	3,455	1,612	1,925	21,516	469,932	105,035	116,623	1,393	190,132	41,814	977,654	

Alabama.....	2,605	1,519	2,685	3,119	241	6,236	2,689	2,408	191,313	159,902	46,797	88	101,001	18,212	536,210
Arkansas.....	1,863		2,852	3,201	9	18,219	11,546	2,913	298,040	112,231	12,803	1,119	1,122	18,557	482,612
Florida.....	659		2,607				31	387	6,910	17,635	5,762	110	5,003	9,366	47,811
Georgia.....	2,867	296	3,642	99	163	860	674	3,093	70,272	73,467	28,720		84,633	6,893	275,821
Louisiana.....	614	220	10,633	9,524	28	20,671	13,828	2,623	196,299	120,408	83,495		4,401	49,950	512,080
Mississippi.....	1,899	427	3,419	13,992	340	40,432	9,162	5,918	207,299	107,934	66,788	10	19,612	33,728	509,111
Oklahoma.....	297		77	175	185	4,962	3,582	785	14,486	2,023	887	23	20	1,912	29,117
Texas.....	1,012	202	1,667	1,083	75	6,965	5,055	1,402	128,088	54,113	15,650	20		7,441	221,761
South.....	12,116	2,664	27,582	31,193	1,041	98,404	46,567	19,529	1,112,707	647,713	260,902	1,370	215,792	146,059	2,611,523
Iowa.....	686	2,086	662		150	11,754	6,832	3,582	15,858			3,245		240	44,409
Kansas and Nebraska.....	371	2	56			8,005	1,997	557	3,062			5,183		1,077	19,939
North Dakota.....	13	10				614			3						627
Prairie.....	1,070	2,098	718		150	20,373	8,829	4,139	18,923			8,428		1,317	64,975
Eastern United States.....	48,148	125,514	105,885	330,111	174,842	374,587	202,023	623,569	3,192,482	803,043	407,973	34,077	635,521	419,341	7,428,968
Oregon.....	1,466	9,644	240			2,203		2,439	146					19	14,691
Washington.....	808	13,580				1,811		4,487	152					39	20,069
Pacific North.....	2,274	23,224	240			4,014		6,926	298					58	34,760
Pacific South.....	884	680							62						742
Idaho.....	388					654									654
Montana.....	407					216								2	218
Rocky Mountain North.....	795					870								2	872
Arizona.....	61													30	30
Colorado.....	403					214									214
New Mexico.....	162														
South Dakota.....	70					710									710
Utah.....	142		1			505								2	508
Wyoming.....	170					10									10
Rocky Mountain South.....	1,008		1			1,439								32	1,472
Western United States.....	4,961	23,904	241			6,323		6,926	360					92	37,846
Total.....	53,109	149,418	106,126	330,111	174,842	380,910	202,023	630,495	3,192,842	803,043	407,973	34,077	635,521	419,433	7,466,814

See footnotes at end of table.

LUMBER PRODUCTION, BY SPECIES AND STATES

TABLE 792.—Lumber production, hardwoods and softwoods, by State and region, 1947—Continued

State and region	Softwoods												Total all species
	Cedar ²	Cypress and red-wood ³	Douglas fir	True firs ⁴	Hemlock ⁵	Tamarack and larch ⁶	Pine			Spruce ⁹	Other softwoods	Total softwoods	
							Lodge-pole	Ponderosa and yellow ⁷	Sugar and white ⁸				
<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	<i>M ft.</i> <i>b. m.</i>	
Connecticut.....	135				3,848			85	5,626	39		9,733	20,306
Maine.....	2,397			11,031	73,279				315,333	34,473		436,513	459,271
Massachusetts.....	92			820	23,344			130	76,083	3,322		103,791	132,244
New Hampshire.....	17			486	40,175		2		235,486	11,863		288,029	322,509
Rhode Island.....	639			152	152			6	674			1,471	2,544
Vermont.....	37			5,944	38,479		5		53,973	40,074		138,512	203,739
New England.....	3,317			18,281	179,277		7	221	687,175	89,771		978,049	1,140,613
Delaware.....	115	33						27,473				27,621	33,644
Maryland.....	6	805			629			85,476	583			87,499	153,809
New Jersey.....	1,793				424			3,388	523		55	6,183	32,423
New York.....	135			427	74,278	25		580	115,092	8,792		199,329	383,271
Pennsylvania.....	17			6	77,954			7,767	48,460	627		134,831	580,005
Middle Atlantic.....	2,066	838		433	153,285	25		124,684	164,658	9,419	55	455,463	1,183,152
Michigan.....	7,241			2,771	136,596	394			45,698	7,201	53	199,954	580,097
Minnesota.....	1,243			4,714	4,714	2,738			103,491	6,182		118,363	244,363
Wisconsin.....	2,575			1,098	75,002	1,488			75,998	1,793	25	157,979	485,806
Lake.....	11,059			8,583	211,598	4,620			225,187	15,176	78	476,301	1,310,266
Illinois.....	22	419				27		16	70		1	555	99,764
Indiana.....	76	17						353	8			454	180,266
Kentucky.....	3,743	765			8,146			31,117	359			44,130	438,722
Missouri.....	906	2,900						35,142			296	39,244	259,380
Ohio.....	7				627				149		5	2,896	265,452
Tennessee.....	18,493	13,000			4,913			175,080	2,463	180		214,129	665,437
West Virginia.....	10				14,559			8,606	6,355	11,387		40,917	483,902
Central.....	23,257	17,101			28,245	27		252,422	9,404	11,557	302	342,325	2,392,923
North Carolina.....	5,356	25,778			13,041			1,118,053	11,081	253		1,173,562	1,539,666
South Carolina.....		28,973			1,314			654,735	642			685,064	871,014
Virginia.....	2,200	7,542			7,603			703,505	18,731	276		739,857	1,166,067
South Atlantic.....	7,556	62,293			21,958			2,476,293	30,454	529		2,599,083	3,576,737

Alabama.....	2, 003	3, 343			50			1, 253, 355				1, 258, 751	1, 794, 961
Arkansas.....	508	19, 933						782, 262				862, 703	1, 285, 315
Florida.....	483	68, 247						417, 038				485, 768	533, 579
Georgia.....		8, 480			1, 193			1, 403, 687	1, 233			1, 414, 593	1, 687, 414
Louisiana.....		37, 897						719, 103			300	757, 300	1, 269, 380
Mississippi.....	29	15, 070						872, 935				888, 034	1, 397, 145
Oklahoma.....								53, 636			40	53, 676	82, 793
Texas.....	272	7, 039						1, 117, 674				1, 124, 985	1, 346, 746
South.....	3, 295	160, 009			1, 243			6, 619, 690	1, 233		340	6, 785, 810	9, 397, 333
Iowa.....	17			71					445		42	105	684
Kansas & Nebraska.....	12	204							50			676	942
North Dakota.....													20, 881
Prairie.....	29	204		71					50	445	42	781	1, 626
Eastern United States.....	50, 579	240, 445		27, 368	595, 606	4, 683		9, 473, 360	1, 118, 556	126, 504	1, 556	11, 638, 657	19, 067, 625
Oregon.....	39, 957		5, 436, 722	117, 209	153, 502	16, 317	2, 033	1, 199, 074	66, 231	56, 674		7, 087, 719	7, 102, 410
Washington.....	187, 094		2, 501, 414	38, 316	493, 558	40, 219	26	292, 288	32, 761	99, 656		3, 685, 332	3, 705, 401
Pacific North.....	227, 051		7, 938, 136	155, 525	647, 060	56, 536	2, 059	1, 491, 362	98, 992	156, 330		10, 773, 051	10, 807, 811
Pacific South.....	70, 997	529, 921	768, 866	417, 627	242		172	1, 322, 182	281, 406	12, 315	4, 052	3, 407, 780	3, 408, 522
Idaho.....	16, 193		187, 062	87, 839	526	68, 392	4, 200	363, 903	208, 537	13, 395		950, 137	950, 791
Montana.....	82		114, 147	1, 366	140	162, 438	4, 674	200, 923	6, 145	9, 836		499, 741	499, 959
Rocky Mountain North.....	16, 275		301, 209	89, 195	666	230, 830	8, 964	564, 826	214, 682	23, 231		1, 449, 878	1, 450, 750
Arizona.....			12, 165	5, 570				202, 252				219, 987	220, 017
Colorado.....			3, 320	1, 181			35, 417	53, 776		51, 058		144, 752	144, 966
New Mexico.....			13, 349	3, 462				108, 301		1, 813		126, 925	126, 925
South Dakota.....								57, 613		36		57, 648	58, 358
Utah.....			2, 460	214			8, 470	16, 600		10, 270	1	37, 915	38, 423
Wyoming.....			3, 898	96			44, 518	22, 246		10, 047		80, 805	80, 815
Rocky Mountain South.....			35, 192	10, 523			88, 405	460, 688		73, 223	1	668, 032	669, 504
Western United States.....	314, 323	529, 921	9, 043, 403	672, 870	647, 968	287, 366	99, 600	3, 839, 058	595, 080	265, 099	4, 053	16, 298, 741	16, 336, 587
Total.....	364, 902	770, 366	9, 043, 403	700, 238	1, 243, 574	292, 049	99, 600	13, 312, 418	1, 713, 636	391, 603	5, 609	27, 937, 398	35, 404, 212

¹ Alder in California, Oregon, and Washington; basswood in other States.

² Western red cedar in Idaho. In Washington 186,996 M feet western red cedar and 98 M feet Alaska yellow cedar. In California 71,334 M feet incense cedar and 643 M feet Port Orford cedar. In Oregon 9,189 M feet of incense cedar, 16,029 M feet of Port Orford cedar, and 14,804 M feet of western red cedar. Northern white cedar in Northeastern and Lake States. Southern white cedar and eastern red cedar in other States.

³ Redwood in California; cypress in other States.

⁴ Balsam fir in Eastern and Lake States; noble and white fir in Western States.

⁵ Eastern and Western hemlock for Eastern and Western States respectively.

⁶ Tamarack in Eastern and larch in Western States, respectively.

⁷ Ponderosa pine in Nebraska and States west of the Great Plains; yellow pine in States east of the Great Plains.

⁸ Northern white pine in States east of the Great Plains. Western white pine in Idaho, Montana, and Washington. In Oregon 61,917 M feet of sugar pine and 4,464 of western white pine. Sugar pine in California.

⁹ Red, black, and white spruce in Eastern and Lake States; Engelmann spruce in Colorado, Idaho, Montana, New Mexico, South Dakota, Utah, and Wyoming. Sitka spruce in California. In Oregon 56,078 M feet of Sitka spruce and 596 M feet of Engelmann spruce. In Washington 94,929 M feet of Sitka spruce and 4,727 M feet of Engelmann spruce.

Bureau of the Census, with cooperation of the Forest Service.

TABLE 793.—*Pulpwood consumption, wood-pulp production, and paper and paper-board production and consumption, United States, 1929-48*

Year	Pulpwood consumption	Wood-pulp production	Paper and paperboard		
			Production	Estimated total consumption or new supply ¹	Per capita consumption
	<i>Cords</i> ²	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Pounds</i>
1929.....	7,645,011	4,862,885	11,140,235	13,414,033	220.2
1930.....	7,195,524	4,630,308	10,169,140	12,309,279	200.4
1931.....	6,722,766	4,409,344	9,381,840	11,340,686	182.8
1932.....	5,633,123	3,760,267	7,997,872	9,717,581	155.6
1933.....	6,581,674	4,276,204	9,190,017	10,901,526	173.6
1934.....	6,796,659	4,436,128	9,186,598	11,283,351	178.4
1935.....	7,628,274	4,925,669	10,479,095	12,650,357	198.8
1936.....	8,715,916	5,695,219	11,975,552	14,643,735	228.6
1937.....	10,393,800	6,572,918	12,837,003	16,027,993	248.8
1938.....	9,193,991	5,933,560	11,380,814	13,525,739	208.2
1939.....	10,816,466	6,993,334	13,509,642	15,948,557	243.6
1940.....	13,742,958	8,959,559	14,483,709	16,747,980	254.2
1941.....	16,579,000	10,375,422	17,762,365	20,421,466	306.6
1942.....	17,275,000	10,783,430	17,083,862	19,779,838	293.6
1943.....	15,000,000	9,680,462	17,035,688	19,436,384	284.8
1944.....	16,123,000	10,108,443	17,182,804	19,445,164	285.8
1945.....	16,154,000	10,167,200	17,370,965	19,665,487	281.6
1946.....	17,817,560	10,606,527	19,277,667	22,509,788	319.3
1947.....	19,714,229	11,945,864	21,101,833	24,865,274	346.8
1948 ³	21,189,458	12,872,292	22,048,766	26,327,894	360.4

¹ Production, plus imports and minus exports. Changes in inventories not taken into account.

² 128 cubic feet.

³ Preliminary.

Forest Service. Compiled from Bureau of the Census and Forest Service bulletins, and from reports of the Forest Products Bureau, War Production Board. Also from "Wood Pulp Statistics," United States Pulp Producers Association, July 1948, and "The Statistics of Paper," American Paper and Pulp Association, July 1946, and "The Statistics of Paper," American Paper and Pulp Association, March 1947.

Data for 1899-1928 in Agricultural Statistics, 1947, table 760.

TABLE 794.—*Turpentine and rosin: Reported industrial consumption, United States, average 1935-39, annual 1946-48*

Industry	Turpentine				Rosin			
	Average, crop years 1935-39	Crop year beginning Apr. 1—			Average, crop years 1935-39	Crop year beginning Apr. 1—		
		1946	1947	1948		1946	1947	1948
	<i>Barrels</i> ¹	<i>Barrels</i> ¹	<i>Barrels</i> ¹	<i>Barrels</i> ¹	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²
Abattoirs.....	0	0	0	0	1,862	590	618	387
Adhesives and plastics.....	651	228	166	179	14,727	20,249	18,095	19,995
Asphaltic products.....	2	56	499	334	1,061	1,622	1,632	1,232
Automobiles and wagons.....	565	91	74	53	1,228	442	219	172
Chemicals and pharmaceuticals ³	22,495	91,332	96,878	63,155	84,470	344,207	350,103	345,769
Ester gum and synthetic resins.....	4	14,444	17,178	16,295	87,698	269,406	257,929	213,096
Foundries and foundry supplies.....	681	809	882	726	9,957	13,197	10,004	5,425
Furniture.....	608	174	153	160	35	4	6	4
Insecticides and disinfectants.....	481	15	25	17	3,632	5,170	3,338	2,490
Linoleum and floor covering.....	79	3	1	0	24,237	20,209	33,532	41,410
Matches.....	0	0	0	0	2,174	1,937	1,121	498
Oils and greases.....	75	27	25	48	23,225	17,493	13,193	16,449
Paint, varnish and lacquer.....	57,815	17,059	15,048	13,584	113,917	113,355	112,890	110,489
Paper and paper size.....	0	0	0	0	285,136	341,772	347,162	354,941
Printing ink.....	270	200	154	160	11,001	9,392	7,530	6,326
Railroads and shipyards.....	4,468	6,390	4,910	5,314	509	8,827	4,653	6,499
Rubber.....	339	399	357	269	2,722	26,288	17,741	15,248
Shoe polish and shoe materials.....	11,089	8,652	4,143	3,507	7,472	5,362	5,166	4,144
Soap.....	109	0	0	0	210,974	152,808	144,090	94,293
Other industries.....	1,370	180	116	156	3,269	4,615	3,717	3,452
Total.....	101,101	140,059	140,609	103,957	889,286	1,356,945	1,332,739	1,242,519

¹ Barrels of 50 gallons.² Drums of 520 pounds net weight.³ Beginning with the 1936 season, includes turpentine and rosin consumed in naval stores producer's plants in the production of unclassified derived products.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics.

TABLE 795.—*Gum naval stores: Market prices and value, 1939-48*

Crop year beginning April—	Weighted average market price at Savannah			Market value of production ³		
	Turpentine, per gallon ¹	Rosin, per 100 lb., net	Per unit ²	Turpentine	Rosin	Turpentine and rosin
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1939.....	0.253	2.37	45.51	4,842	12,992	17,834
1940.....	300	1.98	42.46	5,159	9,667	14,826
1941.....	527	2.42	59.91	7,511	9,963	17,474
1942.....	591	3.22	74.20	9,513	14,545	24,058
1943.....	679	3.97	89.00	9,791	16,176	25,967
1944.....	779	5.61	116.74	9,550	20,193	29,743
1945.....	791	6.50	129.69	9,660	23,473	33,133
1946.....	967	7.43	151.38	13,068	29,075	42,143
1947.....	627	7.83	139.93	9,218	33,718	42,936
1948.....	428	7.39	123.87	6,941	35,401	42,342

¹ Savannah market prices for turpentine include container through 1940 but are exclusive of container for 1941 and thereafter.² Unit: one barrel (50 gallons) of turpentine plus 2½ drums (520 pounds net each) of rosin.³ Market value represents total production of gum naval stores for each crop year, multiplied by the weighted average market price at Savannah.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-38 in Agricultural Statistics, 1948, table 790.

TABLE 796.—Turpentine: Supply and distribution, United States, 1938-48

SUPPLY

Crop year beginning April—	Stocks, Apr. 1			Production						Imports for consumption ¹	Total supply		
	Gum	Wood	Total	Gum	Wood			Total	Gum		Wood	Total	
					Steam distilled	Sulfate	Destructively distilled						
	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²
1938	174,206	44,568	218,774	534,291	129,091	40,467	5,369	174,927	709,218	16,319	724,816	219,495	944,311
1939	272,658	41,665	314,323	382,781	158,576	56,631	6,791	221,997	604,778	16,492	671,931	263,662	935,593
1940	167,943	62,324	220,267	343,938	161,161	54,081	7,161	222,403	566,341	16,688	528,569	274,727	803,296
1941	146,735	63,175	209,910	285,060	190,048	64,986	8,712	263,746	548,796	13,632	445,417	326,921	772,338
1942	86,448	69,921	156,369	321,930	148,166	84,484	5,771	238,421	560,351	11,288	419,666	308,342	723,008
1943	213,285	74,928	288,213	288,382	125,171	91,045	3,834	220,050	508,432	17,818	519,485	294,978	814,463
1944	262,057	33,524	295,581	245,194	117,265	104,307	4,477	226,049	471,243	15,382	522,633	259,573	782,206
1945	168,011	34,535	202,546	244,252	129,101	110,262	4,516	243,879	488,131	14,932	427,195	278,414	705,609
1946	58,088	42,661	100,749	270,286	167,659	127,491	4,549	299,699	569,985	15,849	344,223	342,360	686,583
1947	34,433	63,772	98,205	294,028	208,895	134,160	3,820	346,875	640,903	15,659	344,120	410,647	754,767
1948	87,390	107,960	195,350	324,330	207,160	124,870	2,780	334,810	659,140	13,611	425,331	442,770	868,101

DISTRIBUTION

Crop year beginning April—	Exports ¹			Stocks, Mar. 31			Apparent consumption (disappearance) ²			Reported industrial consumption ⁴			Unaccounted for ⁵		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²	<i>Barrels</i> ²
1938	174,908	35,309	210,217	272,658	41,665	314,323	277,250	142,521	419,771		93,295				326,476
1939	189,684	48,754	238,438	167,943	52,324	220,267	314,304	162,584	476,888	59,936	51,326	111,262	254,368	111,258	365,626
1940	103,127	27,728	130,855	146,735	63,175	209,910	278,707	183,824	462,531	61,791	52,743	114,534	216,916	131,071	347,997
1941	79,447	33,523	112,970	86,448	69,921	156,369	279,522	223,477	502,999	87,580	58,749	146,329	191,942	164,728	356,670
1942	21,872	20,808	42,680	213,285	74,928	288,213	184,509	212,606	397,115	43,212	62,151	105,363	141,297	150,455	291,752
1943	26,812	19,072	45,884	262,057	33,524	295,581	230,616	242,382	472,998	31,282	156,097	187,379	199,334	86,285	285,619
1944	49,780	15,483	65,263	168,011	34,535	202,546	304,842	209,555	514,397	44,064	146,132	190,196	260,778	63,423	324,201
1945	67,111	25,334	92,445	58,088	42,661	100,749	301,996	210,419	512,415	33,580	130,510	164,090	268,416	79,909	348,325
1946	64,066	40,892	104,958	34,433	63,772	98,205	245,724	237,696	483,420	24,723	115,336	140,059	221,001	122,360	343,361
1947	56,386	37,258	93,644	87,390	107,960	195,350	200,344	265,429	465,773	16,279	124,330	140,609	184,065	141,099	325,164
1948	70,916	45,768	116,684	127,130	102,560	229,690	227,285	294,442	521,727	13,928	90,029	103,977	213,357	204,413	417,770

¹ Reports of Department of Commerce.² Barrels of 50 gallons.³ Total supply, less exports and Mar. 31 stocks.⁴ Includes turpentine used in producers' plants in production of unclassified derived products.⁵ Chiefly unreported retail sales.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-37 in Agricultural Statistics, 1947, table 767.

TABLE 797.—Rosin: Supply and distribution, United States, 1938-48
SUPPLY

Crop year beginning April—	Stocks, Apr. 1			Production					Imports ¹	Total supply			
	Gum	Wood	Total	Gum			Wood	Total	Gum	Gum	Wood	Total	
				New	Re-claimed	Total	Steam distilled						
	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	
1938.....	612,464	187,014	799,478	1,434,361	31,983	1,466,344	610,330	2,076,674	284	2,079,092	797,344	2,876,436	
1939.....	1,119,300	178,277	1,297,577	1,022,822	31,414	1,054,236	759,474	1,813,710	2,326	2,175,861	937,752	3,113,613	
1940.....	1,127,719	127,798	1,255,517	918,730	20,181	938,911	778,581	1,717,492	1,788	2,068,419	906,378	2,974,797	
1941.....	1,322,588	176,740	1,499,328	771,945	19,765	791,710	916,764	1,708,474	1,651	2,115,949	1,093,504	3,209,453	
1942.....	984,654	163,088	1,147,742	857,401	11,297	868,698	787,105	1,655,803	1,211	1,854,563	950,193	2,804,756	
1943.....	1,059,837	224,392	1,284,229	773,741	9,824	783,565	679,266	1,462,831	4,340	1,847,742	903,658	2,751,400	
1944.....	648,206	146,580	794,786	684,146	8,066	692,212	625,700	1,317,912	17,238	1,357,656	772,280	2,129,936	
1945.....	265,881	122,385	388,266	685,938	8,538	694,476	757,660	1,452,036	9,795	970,152	879,945	1,850,097	
1946.....	237,504	138,394	375,898	744,086	8,449	752,535	967,713	1,720,248	192	990,231	1,106,107	2,096,338	
1947.....	127,284	95,417	222,701	823,783	4,345	828,128	1,162,703	1,990,831	282	955,694	1,258,120	2,213,814	
1948.....	162,090	116,890	277,980	916,990	4,230	921,220	1,154,890	2,076,110	1,071	1,084,381	1,270,780	2,355,161	

DISTRIBUTION

Crop year beginning April—	Exports ³			Stocks, Mar. 31			Apparent consumption (disappearance) ⁴			Reported industrial consumption ⁵			Unaccounted for ⁶		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²	<i>Drums</i> ²
1938.....	401,013	256,212	657,225	1,119,299	178,277	1,297,576	558,780	362,855	921,635	-----	822,393	-----	2,694	130,611	99,242
1939.....	471,076	309,628	780,704	1,127,719	127,798	1,255,517	577,066	500,326	1,077,392	574,372	369,715	944,087	2,694	130,611	133,305
1940.....	220,337	203,473	423,810	1,322,588	176,740	1,499,328	525,494	526,165	1,051,659	463,324	399,661	862,985	62,169	126,505	188,674
1941.....	342,935	233,411	576,346	984,654	163,088	1,147,742	788,361	697,004	1,485,365	775,504	535,418	1,310,922	12,857	161,586	174,443
1942.....	189,576	139,560	329,136	1,059,837	224,392	1,284,229	605,151	586,240	1,191,391	553,531	575,335	1,128,866	51,619	10,906	62,525
1943.....	311,007	143,680	454,687	648,206	146,580	794,786	888,526	613,401	1,501,927	733,560	579,100	1,312,660	154,965	34,302	189,267
1944.....	160,092	55,591	215,683	265,881	122,385	388,266	931,683	594,304	1,525,987	947,473	593,893	1,541,366	-15,789	410	-15,379
1945.....	105,354	101,456	206,810	237,504	138,394	375,898	627,294	640,095	1,267,389	616,189	603,045	1,219,234	11,105	37,050	48,155
1946.....	320,475	180,972	501,447	127,284	95,417	222,701	542,472	829,718	1,372,190	538,588	818,357	1,356,945	3,884	11,361	15,245
1947.....	295,738	295,818	591,556	162,090	116,890	277,980	497,866	846,412	1,344,278	456,739	876,000	1,332,739	41,127	-29,588	11,539
1948.....	236,228	266,049	502,277	477,570	140,660	618,230	370,583	864,071	1,234,654	352,656	889,663	1,242,319	17,927	-25,592	-7,665

¹ Rosin, not for violins; imports for consumption, as reported by the Department of Commerce.

² Drums of 520 pounds net weight.

³ Reports of Department of Commerce.

⁴ Total supply, less exports and Mar. 31 stocks.

⁵ Includes rosin used in producers' plants in production of unclassified derived products.

⁶ Chiefly unreported industrial consumption and some modified or derived rosin reported as rosin.

Bureau of Agricultural and Industrial Chemistry and Bureau of Agricultural Economics. Data for 1932-37 in Agricultural Statistics, 1947, table 768.

CHAPTER XI

MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter of the book contains miscellaneous data which do not fit into the preceding chapters. Included here are weather data pertaining to farming; statistics of fishery products and of refrigerated warehouse space, and data about frozen-food locker plants. This chapter also covers the work of the Agricultural Extension Service.

A new table this year gives estimates of the transportation bill for farm food products and index numbers of freight rates for important commodities. This table appears immediately below.

TABLE 798.—*Transportation bill for farm food products, 1929-48, and index numbers of railroad freight rates for fruits, vegetables, cotton, and wheat, 1913-48*

Year ¹	Trans- portation bill for farm food products (²)	Railroad freight rate indexes (July 1935 - June 1940 = 100)				Year ¹	Trans- portation bill for farm food products (²)	Railroad freight rate indexes (July 1935 - June 1940 = 100)			
		Fresh fruits ³	Fresh vege- tables ³	Cotton (⁴)	Wheat (⁴)			Fresh fruits ³	Fresh vege- tables ³	Cotton (⁴)	Wheat (⁴)
	<i>Billion dollars</i>					<i>Billion dollars</i>					
1913.....		82	69	98	71	1931.....	0.96	115	102	136	98
1914.....		82	69	98	71	1932.....	.86	114	102	104	103
1915.....		82	68	98	71	1933.....	.76	107	101	93	103
1916.....		82	70	98	71	1934.....	.81	103	100	93	103
1917.....		82	71	101	71	1935.....	.76	102	99	95	98
1918.....		100	88	130	91	1936.....	.81	100	98	95	98
1919.....		101	88	133	91	1937.....	.85	98	100	100	99
1920.....		130	114	167	116	1938.....	.92	101	102	105	103
1921.....		130	107	172	113	1939.....	.93	100	101	105	103
1922.....		121	103	160	106	1940.....	1.00	98	100	100	103
1923.....		119	103	160	106	1941.....	1.01	97	100	102	103
1924.....		117	103	162	106	1942.....	1.00	97	101	104	105
1925.....		117	103	162	106	1943.....	1.00	97	99	101	103
1926.....		117	103	162	106	1944.....	1.07	98	99	101	103
1927.....		117	103	161	105	1945.....	1.23	98	99	102	103
1928.....		114	102	160	105	1946.....	1.48	104	109	109	112
1929.....	0.97	114	102	159	103	1947.....	1.78	117	125	126	131
1930.....	1.01	116	102	155	103	1948 ⁵	2.10	128	134	138	144

¹ Transportation bill for calendar years; railroad freight rate indexes for fiscal years beginning July 1.

² Estimate of the total expenditures by shippers for transportation (except local haulage) of farm food products for civilian consumption by all means of transportation, including private trucks. Year-to-year variations are caused not only by changes in rates, but also by changes in volume shipped, length of haul, and some additional minor factors. For a description of sources and method of estimate by the Bureau of Agricultural Economics, see *Marketing and Transportation Situation, May 1949*.

³ The index numbers for fruits and vegetables are of the weighted aggregative type. They are based upon averages of rates in effect during the year, in the computation of which successively applicable rates are weighted by the estimated proportion of annual shipments moved thereon, assuming an average seasonal distribution of shipments. The weights used in computing the index numbers are based on average tons shipped during the 5-year period 1934-38 inclusive. For a further description see *Index Numbers of Railroad Freight Rates on Perishable Agricultural Shipments, United States, 1913-38*, U.S. Dept. Agr., January 1941, and *Marketing and Transportation Situation, December 1948*.

⁴ The index numbers for cotton and wheat are relatives based on the average of the rates in effect during the crop year. For a further description, see *Marketing and Transportation Situation, March 1949*.

⁵ Preliminary estimate.

Bureau of Agricultural Economics.

TABLE 799.—*Precipitation: Monthly and annual, by States, 1948*

State	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>
Maine.....	2.51	1.35	2.69	2.63	6.76	2.57	2.65	1.94	1.11	3.76	6.10	3.49	37.46
New Hampshire.....	2.41	1.82	2.60	3.23	5.89	3.68	3.12	3.30	0.81	2.22	6.25	3.03	38.36
Vermont.....	2.45	2.28	2.96	3.33	5.29	3.77	3.46	3.20	1.26	2.44	5.58	3.93	39.95
Massachusetts.....	4.37	2.44	3.49	3.23	6.81	5.28	4.42	2.14	1.05	3.80	5.56	2.96	45.55
Rhode Island.....	5.52	2.25	4.21	4.11	9.00	2.88	3.40	2.30	1.46	4.43	5.48	2.38	47.42
Connecticut.....	3.91	1.97	4.10	4.17	6.87	5.27	3.30	2.35	0.75	2.03	5.58	6.66	46.96
New York.....	2.59	2.27	3.51	3.74	4.66	4.10	3.64	3.28	1.28	2.93	4.42	4.15	40.57
New Jersey.....	4.78	2.47	3.57	3.68	8.06	5.28	4.06	5.60	1.12	2.29	4.66	6.43	52.00
Pennsylvania.....	3.02	2.07	3.71	5.55	5.24	5.19	4.04	3.62	1.62	3.08	4.56	4.25	45.95
Ohio.....	2.37	3.06	4.83	5.02	3.74	4.01	3.62	2.57	2.94	2.34	4.30	3.79	42.59
Indiana.....	2.36	2.70	3.77	3.85	3.93	4.37	4.48	1.95	2.68	2.19	5.24	3.52	41.04
Illinois.....	1.68	2.14	5.04	2.05	3.78	3.93	5.45	1.74	2.84	1.93	3.45	2.69	36.72
Michigan.....	1.68	1.69	3.32	2.83	2.70	3.31	2.33	1.69	1.70	1.33	3.76	1.97	28.31
Wisconsin.....	0.55	1.62	2.00	2.47	1.12	3.01	3.09	1.93	1.85	1.01	3.17	1.40	24.22
Minnesota.....	0.40	1.45	1.09	2.69	1.26	3.92	3.37	3.47	1.64	0.85	1.65	0.92	22.71
Iowa.....	0.45	1.90	2.64	2.66	2.34	3.42	4.14	2.54	2.02	1.89	2.68	1.65	28.33
Missouri.....	2.24	2.16	4.78	1.81	3.50	7.43	5.45	2.14	2.17	2.40	3.64	1.28	39.90
North Dakota.....	0.40	0.99	0.45	2.15	1.38	3.12	4.04	1.83	0.31	0.97	1.11	0.70	17.45
South Dakota.....	0.37	0.70	0.41	2.60	1.81	5.11	3.61	1.87	0.97	1.17	1.05	0.28	19.95
Nebraska.....	0.32	0.94	1.05	1.11	2.03	4.65	3.26	2.91	1.81	0.97	1.63	0.89	21.57
Kansas.....	0.59	1.62	2.73	1.28	2.69	6.57	6.09	3.04	1.42	0.96	2.12	0.42	29.53
Delaware.....	6.09	2.76	3.81	3.27	8.93	5.09	3.77	6.08	1.95	3.81	6.49	6.36	58.41
Maryland.....	4.86	2.18	3.84	3.97	6.57	5.11	3.57	6.62	3.35	3.54	5.56	5.46	54.63
District of Columbia.....	4.99	2.05	5.31	2.44	8.59	3.98	3.60	7.68	3.63	3.11	5.78	4.93	56.09
Virginia.....	3.35	2.62	4.23	4.30	5.44	4.10	3.91	6.23	3.39	3.44	6.03	5.06	52.10
West Virginia.....	3.06	3.61	4.36	5.89	4.28	4.88	5.44	3.89	3.16	2.38	4.30	4.97	50.16
North Carolina.....	4.19	4.75	5.38	2.78	4.78	3.52	4.89	5.27	4.50	2.83	9.02	4.89	56.80
South Carolina.....	3.66	4.88	7.36	3.10	5.52	2.96	5.17	4.33	6.04	2.77	9.00	4.46	59.25
Georgia.....	4.20	5.05	8.97	4.50	4.02	2.95	7.67	4.42	4.09	2.72	9.57	5.23	63.39
Florida.....	4.96	1.07	6.94	4.54	2.44	3.80	10.70	7.85	10.37	4.92	2.56	2.90	63.05
Kentucky.....	3.18	5.01	6.26	5.49	3.32	3.27	5.04	2.13	2.09	2.45	7.71	4.49	50.44
Tennessee.....	4.17	8.81	7.09	2.85	2.73	3.18	4.95	2.12	3.37	2.24	10.26	6.01	57.78
Alabama.....	4.52	6.31	9.58	3.79	3.18	3.58	6.23	3.77	4.67	1.47	15.30	4.53	66.93
Mississippi.....	4.86	7.57	8.85	4.22	3.01	3.19	4.44	4.26	5.54	1.14	13.80	4.41	65.29
Arkansas.....	3.32	6.08	5.72	3.46	5.15	4.91	4.11	4.25	0.88	2.40	5.78	4.03	50.09
Louisiana.....	5.06	4.22	8.12	3.40	3.20	2.07	3.44	3.87	5.77	1.15	12.08	4.42	56.80
Oklahoma.....	0.96	2.88	3.96	1.70	4.76	6.69	3.78	3.84	0.45	0.93	1.76	1.02	32.73
Texas.....	2.81	2.56	1.34	1.92	3.68	2.44	2.28	1.67	2.01	1.39	1.37	0.69	24.16
Montana.....	1.08	1.02	0.84	1.30	2.69	3.99	2.52	0.98	0.47	0.18	1.04	0.89	17.00
Idaho.....	1.88	2.10	1.70	2.20	2.57	2.38	1.13	0.48	1.18	0.71	2.41	2.86	21.60
Wyoming.....	0.81	0.84	0.72	1.24	1.13	2.62	1.08	1.56	1.04	0.65	1.16	1.03	13.82
Colorado.....	1.08	1.30	1.80	1.18	1.59	2.30	1.39	1.56	0.64	0.69	0.71	1.11	15.35
New Mexico.....	0.55	1.64	0.88	0.28	1.44	1.95	1.49	1.80	0.70	1.15	0.21	0.70	12.79
Arizona.....	0.16	1.56	0.88	0.08	0.03	0.26	1.64	2.11	0.76	1.14	0.02	1.95	10.59
Utah.....	0.70	1.31	2.01	1.43	0.48	1.66	0.38	0.96	0.43	0.54	0.84	2.28	13.02
Nevada.....	0.25	0.67	0.78	0.65	0.55	1.05	0.05	0.16	0.42	1.16	0.32	1.01	7.07
Washington.....	4.33	5.46	2.71	3.34	5.26	2.52	1.74	2.03	2.67	2.19	6.21	6.02	44.48
Oregon.....	4.06	3.99	2.98	3.04	3.07	1.93	0.88	0.87	1.89	1.60	4.52	6.07	34.90
California.....	2.02	2.17	4.06	4.65	1.30	0.48	0.10	0.05	0.29	0.86	1.08	3.75	20.81

Weather Bureau, Department of Commerce.

TABLE 800.—Precipitation: Normal and 1948, at selected points in United States¹

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948
	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>
Greenville, Me.	2.88	1.89	2.72	1.00	2.96	3.04	2.92	3.74	3.22	7.71	3.72	2.32	4.26	2.69	3.37	2.13	3.75	.88	3.56	4.62	3.06	6.45	3.13	3.74	39.55	40.11		
Burlington, Vt.	1.76	1.41	1.57	1.01	2.04	1.99	2.15	2.94	2.85	3.03	3.38	2.88	3.50	4.54	3.37	3.41	3.48	.87	2.97	2.51	2.66	5.17	1.88	2.53	31.61	32.29		
Boston, Mass.	3.61	5.11	3.37	2.08	3.57	3.14	3.34	2.62	3.18	5.37	2.89	4.50	3.49	4.53	3.62	1.24	3.14	.67	3.15	4.84	3.33	5.16	3.45	1.25	40.14	40.51		
Buffalo, N. Y.	3.30	1.99	2.95	2.94	2.57	3.24	2.56	2.81	3.10	3.12	2.82	3.07	3.03	2.58	3.08	1.10	2.92	5.74	3.29	4.74	3.02	4.01	3.46	2.05	36.00	37.39		
Canton, N. Y.	2.50	1.33	2.27	2.50	2.50	2.94	2.18	3.52	3.00	3.23	2.29	2.50	3.50	3.04	4.65	2.18	3.35	.84	3.03	2.97	1.76	4.61	2.69	3.02	35.12	32.68		
Trenton, N. J.	3.31	4.56	3.27	2.27	3.40	3.91	2.04	2.68	3.08	3.03	3.09	5.90	3.94	4.59	4.75	4.71	3.40	1.59	2.78	1.27	3.73	3.11	1.35	6.08	40.04	48.70		
Pittsburgh, Pa.	3.05	2.04	2.62	1.90	3.03	3.69	2.92	6.03	3.21	2.82	3.81	6.05	4.05	2.83	3.23	3.30	2.58	1.27	2.52	3.14	2.29	2.60	2.86	3.25	36.17	38.92		
Scranton, Pa.	3.03	2.57	3.04	1.10	3.20	3.54	2.77	4.40	3.60	3.27	4.10	3.67	7.68	4.03	7.07	3.69	2.14	1.37	.90	3.03	1.92	2.77	4.59	3.02	4.72	38.69	44.93	
Cincinnati, Ohio	3.48	2.72	2.99	4.05	3.89	6.20	3.12	5.32	3.20	2.93	3.66	4.22	3.31	3.73	3.41	3.07	2.65	7.70	2.51	2.18	2.85	6.02	2.98	3.08	38.55	44.22		
Cleveland, Ohio	2.51	1.66	2.51	2.19	2.71	5.18	2.44	3.24	3.72	3.10	5.75	3.12	3.71	3.35	2.77	2.41	3.07	3.08	3.08	2.56	2.64	2.38	2.44	1.87	33.82	39.88		
Evansville, Ind.	3.74	2.02	3.24	3.27	4.19	3.77	3.90	3.98	3.86	4.19	4.04	1.85	3.42	5.10	3.36	1.63	3.31	4.33	2.82	2.35	3.74	6.14	3.54	3.61	43.16	42.74		
Indianapolis, Ind.	2.95	2.19	2.73	1.93	3.93	6.01	3.62	2.35	3.89	3.14	3.62	5.10	3.34	4.77	3.11	1.14	3.40	3.03	2.78	2.12	3.35	5.07	2.98	3.04	39.90	40.40		
Fort Wayne, Ind.	2.33	2.23	2.35	2.67	3.22	4.52	3.07	1.61	3.85	4.16	3.57	4.53	6.30	5.14	3.11	2.16	3.06	1.82	2.60	1.57	2.88	3.36	2.58	3.55	36.22	37.26		
Chicago, Ill.	1.90	1.71	2.10	1.62	2.56	4.65	2.54	1.44	3.50	4.80	3.48	3.21	3.43	1.81	3.02	1.39	3.02	2.38	2.56	7.2	2.57	2.20	2.07	2.86	32.87	28.79		
Peoria, Ill.	1.78	1.25	2.01	1.70	2.73	3.94	3.38	1.81	4.06	2.55	3.77	3.25	3.58	8.18	3.12	8.21	4.03	1.72	2.29	1.18	2.37	1.13	1.77	2.61	34.89	30.13		
Cairo, Ill.	3.76	1.55	3.13	3.25	3.75	6.62	3.72	2.19	3.71	1.97	3.88	5.16	3.07	3.77	0.2	.85	2.89	4.70	2.76	1.53	3.68	3.25	3.40	5.03	40.72	44.87		
Grand Rapids, Mich.	2.35	1.24	2.24	1.87	2.48	6.30	2.77	3.79	3.44	3.37	3.48	2.62	2.92	2.07	2.61	.68	3.33	1.26	2.81	.78	2.77	3.26	2.57	2.23	33.97	29.48		
Alpena, Mich.	1.89	.74	1.71	1.65	1.99	2.85	2.24	2.01	3.05	2.05	3.30	1.75	2.76	1.60	2.86	1.10	2.98	.60	2.60	2.70	2.08	2.70	2.08	1.47	30.17	19.30		
Marquette, Mich.	2.33	1.83	1.90	1.06	2.26	1.47	2.43	2.35	2.96	.56	3.22	3.40	3.12	2.14	2.67	2.10	3.25	1.21	2.76	1.54	2.91	5.08	2.66	.72	32.47	22.46		
Madison, Wis.	1.38	.49	1.50	2.13	2.07	2.86	2.77	2.97	3.85	2.90	3.76	1.92	3.88	3.35	3.35	3.21	1.15	2.25	2.43	1.29	1.78	3.06	1.63	1.78	31.98	26.15		
Green Bay, Wis.	1.54	.55	1.56	1.93	2.04	1.91	2.63	2.93	3.52	.91	3.70	2.67	3.46	2.55	3.18	.96	3.52	1.40	2.54	.71	2.76	4.99	1.71	1.43	31.58	22.74		
Duluth, Minn.	.97	.99	1.05	.81	1.54	2.04	2.06	4.57	3.25	.64	3.91	4.18	3.76	3.38	3.18	2.79	3.31	.27	3.31	.54	1.45	2.63	1.15	1.19	27.94	24.00		
Minneapolis, Minn.	.86	.15	.95	1.37	1.42	1.43	2.23	1.77	3.67	.74	4.22	2.58	3.78	3.34	3.12	3.37	3.13	1.04	2.08	.60	1.27	1.89	.98	.67	27.66	16.95		
Des Moines, Iowa	1.07	.06	1.12	2.42	1.78	3.16	2.91	1.87	4.56	2.05	4.76	3.97	3.50	5.35	3.52	1.54	3.67	1.61	2.50	1.55	1.43	3.29	1.22	1.89	32.04	28.76		
Dubuque, Iowa	1.30	1.15	1.38	2.02	2.03	3.76	2.85	2.98	4.22	6.02	3.41	3.89	3.94	2.20	3.24	3.17	4.01	1.59	2.48	2.32	1.70	2.39	1.44	1.86	32.90	33.35		
St. Louis, Mo.	2.34	.97	2.56	1.51	3.38	5.97	3.81	1.89	4.34	3.10	3.82	4.22	2.98	7.72	2.99	.84	3.46	2.50	2.72	2.25	2.83	2.69	2.21	2.01	37.44	34.07		
St. Joseph, Mo.	1.28	.59	1.67	1.01	2.48	3.73	3.19	1.63	4.70	2.88	4.95	7.01	3.78	6.82	3.83	4.36	3.92	1.51	2.89	2.06	1.58	1.27	1.29	1.15	35.56	34.62		
Springfield, Mo.	2.34	.44	2.35	1.87	3.39	4.03	3.86	1.22	5.19	3.48	4.68	10.96	4.21	5.08	4.09	2.04	3.52	2.64	3.05	2.52	2.79	3.07	2.31	2.01	41.78	39.36		
Bismarck, N. Dak.	.45	.34	.44	1.04	.89	.46	1.52	2.67	2.32	1.11	3.35	2.71	2.24	1.24	1.63	.92	.91	1.23	.04	.94	1.52	.57	.67	.37	.33	16.34	13.62	
Devils Lake, N. Dak.	.47	.37	.50	.83	.78	.75	1.52	2.80	2.03	1.37	3.56	2.50	2.57	2.67	2.48	.63	1.57	.27	1.25	1.68	.72	1.04	.54	.79	18.05	15.70		
Huron, S. Dak.	.56	.28	.54	.68	.91	.42	2.34	3.10	2.98	1.26	3.79	6.20	3.16	2.67	2.46	2.48	1.57	2.84	1.28	1.03	.59	.24	.57	.17	.20	20.55	20.39	
North Platte, Nebr.	.39	.08	.53	.37	.86	.60	2.06	.08	2.78	2.37	3.22	2.28	2.74	3.12	3.29	4.25	1.35	.89	1.07	.27	.47	.70	.53	.82	18.39	15.83		
Omaha, Nebr.	.70	.29	.89	1.92	1.37	1.74	2.51	2.57	3.77	.56	4.66	2.21	3.54	5.91	3.05	3.48	3.21	4.86	2.17	1.67	1.07	4.05	.93	1.03	27.77	30.29		
Concordia, Kans.	.61	.31	.88	2.63	1.23	1.67	2.36	.94	4.18	3.07	4.41	5.65	3.78	6.38	2.91	.57	2.60	1.19	1.97	1.32	.99	2.02	.63	.44	26.55	26.19		
Dodge City, Kans.	.41	.46	.77	1.72	.89	2.00	1.94	5.00	2.89	2.62	3.30	4.40	3.14	5.25	2.67	3.61	1.90	.62	1.30	.32	.73	1.98	.57	.19	20.51	23.67		
Wichita, Kans.	7.78	1.00	1.25	1.19	1.75	1.51	2.91	1.65	4.46	1.86	4.38	9.76	3.38	6.39	3.13	2.72	3.09	1.03	2.59	.67	1.39	3.30	1.00	.25	30.11	31.33		
Washington, D. C.	3.55	4.99	3.27	2.05	3.75	5.31	3.27	2.44	3.70	8.59	4.13	9.98	4.71	3.60	4.01	7.68	3.24	3.63	2.84	3.11	2.37	5.78	3.22	4.93	42.16	56.09		
Lynchburg, Va.	3.43	4.30	3.15	.46	3.64	6.69	2.95	2.84	3.63	4.13	3.79	5.11	4.21	2.22	3.78	8.26	3.31	2.07	3.15	2.61	2.33	4.86	3.26	6.74	40.53	52.52		
Norfolk, Va.	3.10	4.36	3.22	3.65	3.77	2.82	3.23	4.86	3.81	6.98	4.22	4.66	5.75	4.86	5.22	5.15	3.23	2.24	3.04	2.41	2.16	5.51	3.34	4.09	44.59	51.59		
Parkersburg, W. Va.	3.58	3.58	3.13	3.45	3.49	4.02	3.19	6.75	3.88	2.79	4.00	4.66	4.29	6.46	3.51	2.89	2.76	5.11	2.48	2.29	2.57	3.67	3.03	3.74	39.41	41.41		
Lexington, Ky.	4.18	2.58	3.62	3.93	4.32	7.06	3.50	7.50	3.81	3.56	4.05	2.26	3.65	3.57	3.45	2.61	3.07	2.06	2.59	3.29	3.34	6.19	3.77	4.73	43.35	51.34		
Charlotte, N. C.	4.00	4.69	4.18	5.51	4.17	6.78	3.31	1.46	3.63	5.88	4.22	2.54	5.10	1.54	5.07	6.18	2.99	3.07	2.95	2.38	2.57	8.41	3.86	4.58	46.05	53.02		
Wilmington, N. C.	3.29	6.17	3.26	4.01	3.17	4.75	2.66	2.42	3.44	5.22	5.10	3.00	7.13	5.05	3.66	5.09	4.91	7.23	2.27	1.93	1.96	6.36	2.78	4.95	46.95	56.18		
Charleston, S. C.	3.02	3.88	2.98	3.51	3.02	8.13	2.53	5.39	3.00	8.30	4.59	1.43	6.89	8.03	6.53	4.10	4.53	7.71	3.27	2.64	2.14	3.50	2.72	3.32	45.22	59.94		

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Greenville, S. C.	4.87	3.76	5.18	4.01	5.15	8.38	3.72	1.79	4.03	7.74	4.55	3.11	5.36	2.90	5.50	4.25	3.68	2.84	3.12	1.68	3.18	12.18	4.84	4.24	53.18	56.28		
Atlanta, Ga.	5.03	3.07	5.06	5.99	5.41	8.99	3.79	2.15	3.42	5.43	3.94	1.41	4.84	8.67	4.70	5.40	3.64	2.69		7.0	3.11	13.59	4.79	3.41	49.75	62.65		
Thomasville, Ga.	4.10	3.49	4.46	1.70	4.09	13.43	3.34	7.18	3.63	1.81	5.45	3.42	6.70	8.15	5.75	4.31	4.88	3.35	2.96	2.14	2.68	4.53	4.31	5.05	52.35	58.56		
Jacksonville, Fla.	2.86	6.16	2.97	1.33	2.91	12.5	2.38	2.87	4.02	1.12	5.33	5.18	6.71	8.68	5.81	7.27	7.35	6.79	4.46	4.34	1.98	6.3	3.02	3.78	49.74	61.76		
Miami, Fla.	2.27	3.56	2.03	.63	2.83	7.1	3.41	4.34	7.15	6.50	7.17	3.59	5.60	4.30	5.88	7.81	8.65	10.57	7.74	13.94	3.26	4.48	1.98	4.82	57.77	57.05		
Memphis, Tenn.	4.81	2.67	4.36	9.21	5.26	9.21	4.78	3.59	4.19	2.28	3.15	5.06	3.18	2.39	3.86	2.62	2.80	2.22	2.68	2.22	2.44	9.16	4.51	2.84	47.72	52.46		
Nashville, Tenn.	4.76	5.67	4.13	6.85	5.11	7.82	4.13	1.83	3.87	1.57	4.00	2.53	5.88	4.05	3.71	1.07	3.42	3.31	2.49	1.59	3.50	7.85	4.20	5.68	47.20	49.72		
Birmingham, Ala.	5.52	5.05	5.06	8.04	5.70	6.94	4.81	3.89	3.95	3.52	4.46	3.12	5.17	5.87	4.26	5.90	3.38	3.97	2.42	1.71	3.31	14.24	5.14	4.79	53.18	66.04		
Mobile, Ala.	4.85	6.07	5.33	1.34	5.98	11.48	4.73	4.61	4.32	5.50	4.43	1.33	6.89	2.84	6.92	10.22	5.00	7.26	3.60	1.80	3.64	12.48	5.02	5.42	52.61	70.75		
Vicksburg, Miss.	5.32	3.93	5.45	5.48	5.23	10.66	4.68	6.88	4.32	4.72	5.45	4.29	4.89	4.04	5.52	5.56	2.96	5.69	2.39	1.44	3.32	13.93	5.23	4.30	62.98	71.01		
Vicksburg, Miss.	5.37	2.91	4.82	7.83	5.57	3.91	5.19	5.20	4.32	3.95	3.99	1.40	4.53	1.54	3.48	10.02	2.87	1.55	2.77	8.32	3.71	16.28	5.33	4.70	51.93	60.21		
New Orleans, La.	4.34	4.92	4.25	1.51	4.72	21.09	5.24	2.02	4.02	2.32	5.88	5.97	6.37	4.63	6.80	9.84	5.03	15.26	3.30	1.25	3.14	10.12	4.79	5.18	57.46	84.11		
Shreveport, La.	3.93	4.39	3.29	4.14	4.72	3.39	4.63	2.80	4.22	2.93	3.50	1.12	3.56	2.52	2.70	1.06	2.80	4.21	2.69	1.47	3.65	7.03	4.29	2.75	43.37	38.10		
Amarillo, Tex.	51	63	3.29	1.83	7.1	1.83	7.3	7.29	2.78	2.87	1.46	1.96	3.02	2.55	1.82	5.52	8.90	3.29	1.29	1.08	3.32	1.56	52	86	9.16	22.93		
Brownsville, Tex.	1.50	1.50	1.21	1.67	1.26	.57	1.43	.02	2.27	2.78	2.87	1.46	1.96	3.02	2.55	1.82	5.52	8.90	3.29	1.29	1.08	3.32	1.56	52	86	9.16	22.93	
El Paso, Tex.	46	25	41	63	36	.04	1.26	.11	3.3	T	.58	.96	1.99	.82	1.70	1.32	1.25	.03	.80	18	.50	T	52	86	9.16	22.93		
Fort Worth, Tex.	2.05	.96	1.76	4.12	2.32	1.07	4.02	1.11	4.65	4.34	3.35	2.46	2.61	1.93	2.28	2.90	2.49	1.19	2.81	2.09	2.58	1.87	50	1.87	44	33.13	20.11	
Galveston, Tex.	3.41	3.43	2.83	2.06	2.68	1.40	3.06	.78	3.42	1.73	4.37	.46	3.71	.38	4.62	2.62	2.62	5.57	4.83	4.36	.31	3.33	2.47	3.75	.93	44	77	21.40
San Antonio, Tex.	1.46	.61	1.65	1.86	1.84	.59	3.19	1.40	3.20	1.59	2.46	2.96	2.17	2.35	2.42	5.83	3.05	1.98	2.23	3.24	1.90	1.60	1.61	33	27.18	23.64	34.26	
Oklahoma City, Okla.	1.19	.56	1.11	3.11	1.98	6.18	3.29	2.06	4.88	4.97	3.67	9.42	2.86	3.54	2.89	1.63	3.05	.17	2.86	3.24	1.90	1.78	1.50	30	31	15	34.26	
Little Rock, Ark.	4.73	1.56	3.84	7.14	4.62	6.43	5.19	4.54	4.78	4.56	3.76	4.91	1.87	4.51	1.90	1.22	.28	1.20	1.20	1.20	1.20	1.20	1.20	52	70	13.79	16.08	
Havre, Mont.	.73	.38	.50	.47	.51	.47	.98	1.11	2.04	.87	2.86	2.56	1.87	1.54	1.08	.69	1.04	.45	.90	T	.57	.49	.63	31	13	79	16.08	
Miles City, Mont.	.66	.42	.49	.74	.86	.61	1.12	1.09	2.24	1.79	2.66	4.71	1.10	3.15	1.87	2.33	1.94	1.06	.40	1.35	1.50	1.45	1.02	15	15	15	20.91	
Kalispell, Mont.	1.57	.86	1.11	1.27	.95	1.24	.80	1.92	1.46	4.36	2.06	2.44	1.10	3.15	1.87	2.33	1.94	1.06	.40	1.35	1.50	1.45	1.02	15	15	15	20.91	
Cheyenne, Wyo.	.42	.41	.64	.74	1.02	.41	1.99	.73	2.43	.92	1.61	3.08	1.22	2.98	.91	1.05	1.27	1.04	.07	.75	.66	.53	.52	1.03	14	99	11.91	
Sheridan, Wyo.	.85	1.70	.70	.68	1.16	1.02	1.92	4.53	2.65	.81	2.04	4.59	1.22	2.98	.91	1.05	1.27	1.04	.07	.75	.66	.53	.52	1.03	14	99	11.91	
Fueblo, Colo.	.31	1.45	.47	.58	.69	1.82	1.31	1.32	1.60	2.02	1.36	2.44	1.94	.51	1.82	3.01	.75	1.04	.07	.75	.66	.53	.52	1.03	14	99	11.91	
Grand Junction, Colo.	.60	.50	.58	1.56	.76	1.54	.83	.48	.81	.22	.40	.64	.61	.86	1.17	1.78	.92	.46	.05	.57	.57	.70	.63	.70	8.83	10.01		
Albuquerque, N. Mex.	.40	.19	.32	1.56	.45	.18	.60	.28	.60	.67	.49	.84	1.41	.26	1.24	.64	.82	.74	.81	.48	.46	.11	.46	.16	8.00	6.11		
Roswell, N. Mex.	.53	.68	.57	1.22	.74	.64	.89	.28	1.09	.92	1.67	1.57	2.26	1.89	2.15	1.03	2.11	1.42	.71	.85	T	1.1	.46	.16	8.00	6.11		
Phoenix, Ariz.	.80	T	.77	1.09	.68	.16	.40	.00	1.2	T	.07	.11	1.07	.79	.55	.25	.75	T	.47	.96	.70	0	1.00	.58	7.78	3.94		
Modena, Utah	.85	T	.95	.95	1.03	1.14	.89	1.20	.79	T	.32	1.20	1.08	.98	1.29	1.01	.78	.04	.74	.58	.59	.04	1.83	1.77	10	14	8.01	
Salt Lake City, Utah	.85	.40	1.24	.87	1.80	2.59	1.71	1.48	1.77	.32	.73	2.39	.52	.61	.90	1.00	.98	.44	1.31	1.24	1.16	1.72	1.40	2.47	14.50	15.43		
Winnemucca, Nev.	1.03	.29	.91	.51	.96	1.26	.84	1.02	1.88	1.07	.72	1.50	.21	T	.20	T	.41	.04	.62	.57	.68	.38	1.08	.96	8.54	7.59		
Boise, Idaho	1.73	.81	1.44	1.58	1.35	1.42	1.18	1.37	1.43	.91	.92	1.57	.24	.08	1.19	.05	.63	.31	1.24	.68	1.28	1.02	1.57	2.11	13.10	11.91		
Seattle, Wash.	4.94	3.97	3.89	6.04	3.05	3.65	2.38	2.60	1.87	4.67	1.33	2.02	.63	1.81	7.70	1.44	1.77	3.07	2.84	2.31	5.03	6.07	5.60	4.58	34	43	23	
Walla Walla, Wash.	1.96	2.25	1.76	1.62	1.61	.72	1.51	2.15	1.61	2.80	1.12	.83	.39	.00	.49	.39	.95	.53	1.53	.66	2.02	1.91	2.06	2.72	17.01	16.58		
Portland, Ore.	6.60	6.79	5.36	6.42	3.91	4.09	2.87	4.58	2.19	3.88	1.52	1.42	.61	.32	.64	1.55	1.98	3.86	3.12	4.42	6.10	7.75	6.72	10.94	41	62	53.12	
Roseburg, Ore.	5.31	6.58	4.49	4.76	3.28	3.55	2.27	2.87	1.93	2.30	1.09	1.79	.32	.29	.34	.54	1.27	1.71	2.61	.97	4.66	4.46	5.34	6.83	32.91	36.45		
Eureka, Calif.	7.11	8.23	6.48	5.20	5.23	6.16	3.33	6.23	1.80	2.16	.72	.77	.11	.25	.18	1.3	1.01	1.71	2.33	3.33	5.18	3.19	6.28	7.35	39.76	45.01		
Fresno, Calif.	1.73	T	1.43	.77	1.58	2.28	.95	2.58	.44	.96	.08	.01	.01	.00	.01	.00	.18	.00	.57	.08	.93	0.2	1.45	1.23	9.39	7.63		
Los Angeles, Calif.	3.10	T	3.07	1.29	2.78	3.07	1.04	3.78	.45	T	.08	.16	.01	T	.02	T	.17	T	.68	.09	1.20	T	2.63	2.20	15.23	7.59		
Sacramento, Calif.	3.72	.51	3.02	.88	2.57	3.68	1.51	3.05	.77	3.04	.15	.01	.00	.00	.00	.00	.38	T	1.0	.92	1.45	1.88	.59	3.03	4.88	17.95	18.19	
San Diego, Calif.	2.06	T	2.03	1.07	1.72	1.60	.77	.13	.35	.01	.05	.02	.03	T	.04	.00	.08	T	.54	1.32	.76	1.10	1.87	2.38	10.30	6.63		
San Francisco, Calif.	4.54	1.00	3.86	2.32	3.14	3.36	1.61	3.04	.80	.54	.18	.02	.02	.02	.01	.02	.45	.09	1.12	2.35	1.18	3.95	4.76	22.02	16.53			

PRECIPITATION STATISTICS

1 Normals are based on records of 30 or more years of observations.

T=trace: an amount too small to measure.

Weather Bureau, Department of Commerce.

TABLE 801.—Temperature: Normal and mean 1948, at selected points in United States¹

Station	January		February		March		April		May		June		July		August		September		October		November		December		Annual			
	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948	Normal	1948
	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.	° F.
Greenville, Me.	12.4	8.1	13.5	7.2	24.5	22.0	37.1	36.6	49.5	47.6	59.2	56.0	65.1	65.2	62.3	64.4	55.2	55.1	44.5	42.7	30.6	38.1	18.8	23.3	39.4	38.9		
Burlington, Vt.	18.8	12.4	19.4	14.9	29.1	27.7	43.3	44.0	56.5	54.3	65.7	63.8	70.3	71.1	67.9	70.0	60.3	61.8	49.2	46.3	36.3	44.4	24.4	28.7	45.1	44.9		
Boston, Mass.	27.9	23.4	28.8	26.6	35.6	38.0	46.4	48.0	57.1	55.0	66.5	63.6	71.7	74.5	69.9	73.7	63.2	65.7	53.6	54.3	42.0	49.7	32.5	36.3	49.6	50.8		
Buffalo, N. Y.	23.9	18.6	23.7	25.4	31.3	34.8	43.8	48.8	55.9	53.2	64.9	65.2	70.0	72.0	68.4	70.2	61.6	64.9	51.1	49.6	38.5	47.1	28.8	32.4	46.8	48.5		
Canton, N. Y.	16.6	11.5	15.8	15.0	27.8	28.7	41.9	44.5	54.2	53.4	63.5	62.8	68.6	70.1	66.5	68.9	58.8	61.4	47.5	46.5	35.0	43.9	21.8	28.1	43.2	45.0		
Trenton, N. J.	30.5	25.5	30.7	31.2	39.1	43.2	49.8	51.3	61.1	61.1	69.5	69.8	74.5	76.2	73.0	74.2	66.9	67.5	55.6	54.8	44.4	51.2	34.4	37.0	52.5	53.6		
Pittsburgh, Pa.	28.0	21.7	29.8	32.8	37.2	43.9	49.2	54.7	60.2	61.9	68.7	71.8	73.1	75.6	71.3	73.3	64.7	68.1	54.1	52.0	41.2	49.5	32.0	37.2	50.8	54.2		
Scranton, Pa.	26.6	19.9	27.3	26.4	35.7	39.0	48.1	49.6	59.4	58.4	67.8	66.7	71.7	72.1	69.8	70.8	62.9	64.6	51.9	51.2	40.5	47.7	30.7	32.3	49.4	49.9		
Cincinnati, Ohio	30.3	26.0	32.8	36.7	40.9	47.4	52.4	52.9	63.1	64.0	71.2	75.1	75.1	78.7	73.6	76.7	67.1	71.4	55.7	55.0	42.5	49.8	33.4	39.6	53.2	57.0		
Cleveland, Ohio	26.5	20.0	27.4	28.6	34.6	38.9	46.2	59.2	57.9	56.2	67.1	68.4	74.4	74.0	70.0	70.7	63.9	67.5	53.6	51.6	40.9	48.9	31.2	35.5	49.2	51.1		
Evansville, Ind.	31.6	25.4	34.9	35.0	44.4	46.9	54.9	58.2	64.3	63.8	71.9	74.4	76.5	77.4	75.0	75.0	67.7	69.9	57.0	54.8	44.4	47.5	34.8	40.0	54.8	55.7		
Indianapolis, Ind.	28.4	22.8	31.1	32.5	40.0	42.9	52.1	56.0	62.9	62.0	71.6	73.4	75.7	76.6	73.7	75.6	66.9	67.3	55.7	52.9	42.3	46.9	32.2	35.8	53.7	57.0		
Fort Wayne, Ind.	25.4	18.3	26.6	26.6	36.1	37.2	48.7	52.2	59.2	58.3	67.4	69.0	72.4	73.6	70.9	72.1	63.1	67.0	52.7	49.6	38.8	44.1	28.6	31.0	49.2	49.9		
Chicago, Ill.	22.5	18.0	24.9	26.3	34.5	36.1	46.9	53.1	57.8	55.6	68.1	68.1	72.7	76.3	71.6	71.5	64.9	70.1	52.5	54.2	37.7	44.7	26.9	32.6	46.4	49.8		
Peoria, Ill.	22.1	20.2	24.9	27.6	36.0	37.5	49.9	55.0	60.7	59.6	69.9	70.6	74.4	74.8	71.5	74.3	63.3	69.0	51.0	52.2	36.5	42.8	27.1	31.4	48.9	51.2		
Cairo, Ill.	34.9	29.2	38.5	38.7	47.7	49.6	59.1	64.0	69.4	68.4	77.3	77.8	84.6	80.8	78.8	79.3	72.7	72.1	60.5	58.4	47.3	50.4	37.8	43.2	58.7	59.3		
Grand Rapids, Mich.	24.5	19.9	23.7	25.0	33.4	34.8	47.0	51.8	58.0	55.4	67.8	67.2	72.3	73.9	69.7	73.2	62.7	67.4	51.2	48.4	38.4	42.7	28.5	29.1	48.1	49.1		
Alpena, Mich.	19.1	16.2	18.0	18.2	25.5	26.3	38.6	41.9	50.5	49.3	60.4	61.9	65.9	68.0	64.1	67.7	57.6	61.9	47.1	47.3	34.4	41.7	24.2	28.1	42.2	44.0		
Marquette, Mich.	16.3	14.0	16.3	17.8	24.8	25.0	37.8	42.8	49.0	48.0	58.9	69.0	64.9	67.1	63.8	66.0	55.5	61.9	46.7	48.0	33.3	37.3	22.6	24.2	41.0	42.6		
Madison, Wis.	16.7	13.2	19.1	19.5	30.6	30.3	45.4	50.9	57.6	55.2	67.2	66.8	72.1	73.9	69.8	72.3	62.4	65.6	50.3	48.3	35.2	39.5	22.2	27.7	45.8	46.7		
Green Bay, Wis.	15.7	11.0	17.4	16.8	28.6	27.4	43.2	46.6	54.9	53.8	64.9	64.6	70.0	71.3	67.7	70.5	60.4	64.0	48.5	48.0	34.0	39.7	22.3	23.8	44.0	44.8		
Duluth, Minn.	7.9	6.6	11.4	10.8	23.7	23.2	37.0	41.0	47.3	51.7	57.2	59.9	63.9	65.7	62.6	66.2	55.1	63.2	44.1	48.1	30.0	32.5	15.9	16.8	38.0	40.5		
Minneapolis, Minn.	12.7	10.0	15.9	15.6	29.6	27.3	46.4	50.0	57.7	58.5	67.5	67.3	72.3	75.1	69.9	72.7	61.4	67.8	48.9	51.2	32.4	35.1	19.6	19.9	44.5	45.9		
Des Moines, Iowa	20.1	19.4	23.7	23.6	35.9	32.4	50.1	55.5	61.3	60.8	70.6	70.1	75.4	76.4	73.1	75.6	65.6	69.5	53.4	52.4	38.4	40.4	26.0	27.0	49.0	50.3		
Dubuque, Iowa	19.1	16.0	22.2	23.2	34.0	33.7	48.6	54.4	60.3	58.1	69.4	68.6	74.4	75.9	71.7	74.2	64.0	68.1	51.9	51.5	37.0	40.6	24.7	27.1	48.1	49.2		
St. Louis, Mo.	31.1	25.5	34.8	33.2	44.1	43.2	56.1	59.8	67.0	64.0	75.0	74.7	78.8	78.4	77.5	77.9	70.5	71.1	58.8	55.8	45.4	47.0	34.9	37.6	56.2	55.7		
St. Joseph, Mo.	25.5	22.6	29.6	28.0	40.5	36.4	53.5	59.8	64.2	64.2	73.7	73.3	77.4	78.4	76.5	77.6	68.4	71.5	56.0	55.1	41.5	43.9	29.6	32.3	53.0	53.6		
Springfield, Mo.	32.3	26.8	34.0	34.4	43.6	41.9	55.2	60.7	63.7	63.2	71.7	72.8	76.2	76.2	75.0	74.9	68.4	69.3	57.6	56.7	45.0	46.2	35.5	38.1	54.9	55.1		
Bismarck, N. Dak.	6.3	11.3	8.5	7.0	21.9	17.2	39.3	44.2	53.0	56.5	62.9	63.6	69.4	71.5	66.7	69.8	57.3	64.8	43.6	46.0	26.5	31.5	12.2	11.2	39.0	41.2		
Devil's Lake, N. Dak.	1.8	5.6	5.1	4.0	19.8	14.9	38.8	36.9	52.6	54.6	61.9	62.6	67.4	68.8	64.8	68.4	55.9	63.3	42.4	46.3	24.5	27.1	9.5	7.7	37.0	38.4		
Huron, S. Dak.	11.3	11.7	14.3	13.4	28.9	27.4	45.1	51.0	56.4	57.8	66.2	65.2	71.8	71.4	69.4	72.3	61.3	66.3	47.7	48.9	31.5	33.4	18.7	19.1	43.6	45.0		
North Platte, Nebr.	22.9	26.8	26.6	28.0	36.6	32.0	48.6	56.2	58.7	61.0	67.5	68.0	72.9	74.9	70.8	75.9	62.1	68.0	49.7	52.3	36.6	36.3	26.7	27.4	48.3	50.4		
Omaha, Nebr.	20.9	20.1	24.3	25.2	36.1	32.0	51.0	57.0	62.4	62.7	70.7	71.9	75.2	78.1	73.2	76.9	65.7	69.9	53.4	54.0	38.3	39.9	26.4	27.6	49.8	51.3		
Concordia, Kans.	26.4	26.0	29.8	28.1	41.0	40.4	53.5	60.2	63.2	63.3	73.2	72.6	78.0	77.2	76.5	78.3	68.3	71.9	55.9	54.9	41.4	41.3	30.7	31.9	53.1	53.4		
Dodge City, Kans.	29.0	28.7	33.2	29.5	42.8	33.8	53.6	60.3	63.5	64.2	72.5	73.6	78.4	77.4	77.7	75.4	69.4	71.8	56.1	57.4	42.6	39.5	32.6	33.2	54.3	53.8		
Wichita, Kans.	31.3	27.8	34.4	32.0	45.1	39.9	56.4	63.0	65.1	66.0	74.1	74.4	75.2	79.4	78.2	78.3	77.9	70.6	73.3	58.6	59.5	44.8	44.0	34.6	36.8	56.1	56.1	
Washington, D. C.	33.4	29.2	35.3	37.4	42.6	48.9	53.3	58.8	63.7	65.4	72.2	74.6	76.8	78.4	75.0	76.0	68.1	69.6	57.4	56.2	45.2	52.3	36.6	40.6	55.0	56.7		
Lynchburg, Va.	35.3	31.4	38.3	39.2	45.4	49.6	55.6	56.0	65.9	64.9	73.1	72.8	78.1	76.7	74.3	74.1	67.9	67.2	57.2	56.0	45.2	50.8	37.3	40.9	56.0	56.7		
Norfolk, Va.	40.6	34.8	42.7	41.2	48.2	52.2	56.8	57.6	66.2	66.8	74.4	74.4	78.7	78.6	77.4	76.4	71.6	71.0	62.5	58.6	51.4	56.6	43.1	45.5	59.5	59.5		
Parkersburg, W. Va.	32.5	24.4	34.2	36.6	42.8	48.3	53.4	58.5	63.8	62.2	71.4	72.4	78.4	75.9	73.9	73.5	67.3	68.2	56.1	52.4	43.8	49.4	35.2	38.3	54.2	55.0		
Lexington, Ky.	32.9	23.4	35.4	35.8	43.7	47.6	54.3	57.8	64.3	62.3	72.2	73.6	78.9	76.6	74.5	74.2	68.5	68.9	57.4	55.8	44.8	47.9	35.8	37.9	55.0	56.0		
Charlotte, N. C.	41.2	37.0	43.9	44.7	50.4	55.2	59.8	64.2	68.9	70.0	75.5	77.9	84.4	81.1	77.1	78.0	71.5	71.0	61.7	59.6	50.6	55.9	43.0	47.0	60.2	61.8		
Wilmington, N. C.	46.5	41.1	47.9	48.1	53.3	58.7	62.0	64.7	70.8	71.2	76.8	77.6	81.0	80.7	77.6	78.9	73.1	73.5	65.3	61.2	56.0	62.6	49.1	52.4	63.1	64.2		
Charleston, S. C.	49.9	43.2	52.4	50.4	57.4	59.7	64.5	66.6	72.7	72.4	78.9	79.0	81.4	80.7	81.0	78.2	76.6	74.0	67.8	61.5	58.1	62.9	51.7	54.2	66.0	65.2		

Greenville, S. C.	40.3	36.2	43.3	45.8	49.9	54.3	58.6	63.6	67.2	69.0	74.1	77.2	76.9	79.1	75.8	76.9	70.6	70.0	60.2	59.0	49.6	54.6	42.2	46.2	59.1	61.0
Atlanta, Ga.	42.5	37.8	45.3	48.2	52.0	56.0	61.1	65.6	70.3	70.6	76.7	78.4	79.1	79.4	78.0	77.4	72.8	71.8	62.7	60.6	51.5	54.9	44.2	48.0	61.4	62.4
Thomasville, Ga.	51.0	47.6	55.0	58.3	60.2	63.4	66.7	71.2	74.0	76.4	79.5	81.1	81.8	80.9	81.0	79.6	76.8	75.8	68.2	65.0	58.5	64.6	52.5	57.6	67.1	68.5
Jacksonville, Fla.	55.4	52.0	58.0	59.0	62.6	66.6	68.7	72.4	75.0	78.1	79.9	81.9	82.1	82.0	81.7	80.9	78.3	78.2	71.1	68.0	62.2	69.3	56.3	62.7	69.3	70.9
Miami, Fla.	67.9	66.4	68.0	71.0	70.3	74.7	73.9	74.2	77.2	77.3	80.0	80.7	81.8	81.3	82.1	81.3	80.9	80.6	78.0	76.9	72.5	77.9	66.1	73.5	75.1	76.3
Memphis, Tenn.	40.9	32.2	44.3	42.2	52.3	52.4	61.8	65.8	70.6	70.0	77.6	78.8	80.7	82.0	79.4	78.9	73.6	73.0	63.3	60.0	51.7	52.6	43.0	45.9	61.6	61.2
Nashville, Tenn.	38.6	29.4	41.6	42.0	49.2	52.8	59.0	65.5	68.2	67.7	75.6	78.0	79.1	80.8	77.8	78.4	71.8	71.9	61.0	58.0	49.0	50.8	41.6	43.8	59.3	59.9
Birmingham, Ala.	45.1	38.8	48.0	50.0	55.4	58.6	63.3	67.6	71.1	72.4	77.9	80.4	80.2	82.3	79.2	79.6	74.8	75.0	64.8	64.1	53.9	57.3	46.4	49.8	63.3	64.6
Mobile, Ala.	51.5	45.5	54.7	55.8	59.7	63.4	66.3	70.8	74.4	76.1	80.3	82.1	81.4	82.0	81.0	82.1	78.1	75.8	69.3	67.2	58.6	61.6	52.2	58.0	67.3	68.5
Meridian, Miss.	47.0	39.2	49.6	51.2	57.1	59.8	64.6	67.8	71.3	72.4	78.1	79.8	80.4	82.6	79.5	80.0	74.5	72.5	64.3	62.4	54.2	56.6	47.7	52.4	64.0	64.7
Vicksburg, Miss.	48.2	37.8	51.8	48.7	58.5	57.7	65.6	66.2	72.9	71.2	79.9	79.4	81.3	83.2	80.8	79.7	76.3	71.8	66.7	60.7	56.6	55.5	50.0	51.1	65.6	63.6
New Orleans, La.	54.2	47.6	57.3	58.4	62.8	65.3	68.8	73.3	75.4	78.4	80.6	83.2	82.4	84.5	82.2	82.3	79.2	76.8	71.0	71.0	61.4	64.4	55.6	60.6	69.3	70.5
Shreveport, La.	46.0	39.1	49.9	48.4	57.3	57.3	64.8	70.5	72.6	73.8	80.4	82.6	83.2	85.3	81.7	84.6	75.9	76.9	65.6	65.7	55.0	55.7	48.1	52.2	65.0	66.0
Amarillo, Tex.	39.1	31.1	36.1	34.0	45.3	40.3	53.8	61.5	62.1	65.8	71.4	75.1	75.9	78.9	83.9	86.9	84.6	76.2	67.8	70.7	55.8	64.8	57.7	52.4	64.0	64.7
Brownsville, Tex.	53.8	55.0	62.6	64.4	68.2	67.4	73.7	75.5	78.6	80.1	82.4	83.9	83.8	84.8	83.5	83.9	84.7	80.6	80.1	74.9	74.9	67.2	67.2	67.9	73.1	73.8
El Paso, Tex.	45.0	40.6	49.0	48.8	55.8	50.8	63.4	67.4	71.5	74.6	79.6	82.3	81.1	83.2	79.2	82.3	73.9	76.0	63.5	64.5	52.7	47.9	44.9	47.9	63.3	63.9
Fort Worth, Tex.	44.4	38.4	47.3	46.3	56.7	52.8	64.1	71.1	72.2	73.3	79.9	82.8	83.6	84.8	82.7	85.9	75.9	77.6	66.7	66.8	54.5	55.6	46.5	51.5	64.5	65.6
Galveston, Tex.	53.8	47.6	56.3	54.2	62.4	61.3	68.7	72.0	74.8	77.4	80.7	82.2	83.4	84.7	83.0	83.0	80.1	78.0	72.7	71.7	63.3	63.4	56.4	60.8	69.6	69.7
San Antonio, Tex.	52.3	45.4	55.4	52.6	62.8	60.4	69.1	72.8	75.1	78.2	81.0	84.4	83.8	85.4	83.5	85.3	79.0	77.8	70.5	70.6	60.3	57.7	53.7	55.9	68.9	68.9
Oklahoma City, Okla.	36.4	32.5	39.6	38.3	50.0	44.6	59.8	67.8	67.7	69.4	76.0	78.6	80.6	81.6	79.7	81.5	72.8	76.2	61.5	63.0	48.8	48.8	39.3	43.8	59.4	60.5
Little Rock, Ark.	41.4	34.9	44.9	42.2	53.0	51.9	62.1	67.5	70.3	69.9	77.4	79.8	80.9	82.1	79.8	79.2	74.1	73.8	63.6	61.1	52.1	52.5	44.5	45.9	62.0	61.8
Havre, Mont.	12.9	27.4	13.6	16.0	27.1	24.8	43.7	43.8	53.4	57.0	62.0	63.3	68.3	69.3	65.4	70.2	56.4	60.2	44.5	47.4	31.2	34.6	20.4	10.5	41.6	43.7
Miles City, Mont.	13.5	22.0	15.7	17.0	27.8	28.7	43.8	48.0	56.0	58.0	65.4	65.0	72.2	71.6	71.0	74.0	60.7	65.4	45.1	49.7	29.1	33.1	18.5	14.0	45.2	45.6
Kalispell, Mont.	20.4	25.2	23.3	24.2	32.9	28.6	43.6	42.0	51.4	52.6	67.7	61.8	64.1	61.8	62.8	62.3	53.5	54.8	43.5	43.1	32.9	31.1	24.9	19.4	42.5	42.4
Cheyenne, Wyo.	25.5	24.6	27.3	23.9	33.1	27.6	46.9	44.8	50.3	52.8	60.4	60.6	66.7	67.8	65.6	67.4	61.7	44.8	46.3	34.8	33.1	28.5	26.4	44.6	44.6	
Sheridan, Wyo.	19.3	25.3	22.6	20.3	31.4	28.7	43.3	46.6	52.0	56.5	61.5	63.1	68.4	68.8	66.5	70.2	56.3	62.8	44.6	49.3	32.7	32.4	22.8	20.6	43.4	45.4
Pueblo, Colo.	29.9	27.4	32.9	26.8	41.6	32.0	50.1	54.8	59.2	60.3	69.0	69.0	74.2	75.4	72.7	73.2	64.6	68.2	52.0	52.0	42.4	39.4	37.4	31.5	32.3	51.4
Grand Junction, Colo.	24.0	25.4	32.9	30.2	43.6	35.4	52.4	52.8	61.1	63.8	71.4	69.8	77.7	77.1	75.4	74.3	66.2	69.6	52.8	54.4	39.3	32.5	27.5	28.3	52.0	51.1
Albuquerque, N. Mex.	34.1	32.6	40.5	36.9	45.9	40.5	54.0	57.8	63.3	65.3	72.6	72.1	76.7	78.4	73.9	76.3	67.9	69.2	56.6	55.8	43.3	39.6	34.5	37.1	55.1	55.3
Roswell, N. Mex.	39.2	33.8	42.5	41.3	51.3	45.8	60.6	62.9	69.4	69.1	76.3	78.1	78.9	79.2	76.6	78.6	70.3	79.9	59.5	59.0	48.1	44.6	41.2	44.0	59.5	58.9
Phoenix, Ariz.	51.2	51.6	55.1	52.6	60.7	56.3	67.0	69.2	75.0	76.4	84.5	84.0	89.8	91.2	88.5	91.4	82.7	85.6	70.6	73.6	59.7	54.8	52.0	50.1	69.7	69.7
Modena, Utah.	26.7	29.4	31.0	27.8	38.2	31.7	46.0	45.4	53.5	53.5	63.3	61.4	70.6	70.0	69.2	68.2	60.0	63.2	48.0	48.5	36.4	33.5	28.1	22.7	47.6	46.3
Salt Lake City, Utah.	27.5	30.1	32.1	33.2	40.0	35.6	47.9	49.7	55.7	59.0	65.7	68.0	74.0	75.7	72.8	75.6	62.7	66.0	50.8	53.1	39.4	35.4	30.2	25.2	49.9	50.6
Winnemucca, Nev.	28.6	34.4	33.5	32.1	40.0	35.8	46.7	45.6	53.9	54.4	62.8	64.2	70.6	71.9	69.3	68.6	59.2	61.0	48.3	50.5	38.4	35.3	30.0	26.5	48.4	48.4
Boise, Idaho.	28.0	33.0	33.6	32.0	41.4	37.9	49.2	48.0	56.1	56.3	64.5	66.5	72.4	70.4	71.0	68.4	61.2	61.8	50.1	52.3	39.7	37.0	30.3	25.5	49.8	49.3
Seattle, Wash.	38.9	41.4	41.9	41.9	45.8	45.2	50.4	48.8	55.6	55.0	63.8	63.8	64.8	64.4	64.3	63.0	59.2	59.6	52.3	52.4	45.7	45.0	40.7	39.0	51.7	51.6
Walla Walla, Wash.	32.7	34.9	37.1	37.2	46.1	42.9	53.1	50.4	59.6	57.0	66.5	70.2	74.0	71.2	72.7	71.0	63.8	63.6	53.5	52.3	42.8	44.0	35.5	31.8	53.1	53.2
Portland, Ore.	39.4	41.6	42.1	42.4	46.9	46.1	51.8	49.6	56.9	57.2	62.4	66.5	67.7	66.7	66.7	65.8	61.7	63.0	54.2	55.2	46.8	45.3	41.2	39.4	53.1	53.4
Roseburg, Ore.	41.2	40.0	43.4	42.5	47.1	45.8	51.0	48.6	56.0	55.6	62.5	65.4	67.4	66.2	68.0	66.3	62.9	62.5	53.9	55.0	45.9	45.0	41.8	38.6	52.4	52.9
Eureka, Calif.	46.9	47.4	47.2	45.4	48.3	46.8	49.9	48.8	52.0	52.0	54.3	56.0	55.5	56.4	56.0	58.0	55.9	55.2	53.6	53.6	51.1	47.7	48.2	44.1	61.6	62.4
Fresno, Calif.	45.5	51.2	50.3	49.0	54.4	53.2	60.2	59.8	62.2	65.2	75.7	75.8	81.0	80.2	79.5	78.8	72.0	73.8	62.3	63.5	63.0	52.4	45.1	44.1	62.4	62.4
Los Angeles, Calif.	54.6	58.6	55.5	54.6	57.5	55.2	59.4	60.4	62.2	63.9	66.4	67.0	70.2	71.0	71.1	71.2	69.0	71.6	65.3	66.3	60.9	62.1	56.6	53.4	62.4	62.4
Sacramento, Calif.	45.8	49.8	50.1	48.2	54.3	50.8	58.1	54.7	63.3	61.0	66.4	69.7	73.2	73.8	72.9	72.8	69.3	71.2	62.9	63.5	60.6	63.5	46.2	43.2	61.3	61.3
San Diego, Calif.	54.0	55.7	55.1	54.2	57.0	55.9	59.0	61.2	61.3	62.4	65.0	64.6	68.5	67.0	69.8	68.2	68.2	68.3	64.1	64.1	59.3	60.0	55.5	53.7	61.4	61.4
San Francisco, Calif.	49.9	54.7	52.2	50.8	54.2	51.7	55.6	53.6	56.8	55.6	58.5	59.4	58.5	59.3	59.1	59.6	60.9	60.0	60.5	60.4	56.3	56.6	51.3	47.8	56.1	55.8

¹Normals are based on records of 30 or more years of observations. 1948 means are based on means of the daily temperature extremes.

Weather Bureau, Department of Commerce.

TABLE 802.—*Frost: Dates of killing frosts, 1948, with length of growing season*

Station	Date of last killing frost in spring 1948	Date of first killing frost in fall 1948	Averages and extremes of killing frost ¹				Length of growing season between average dates of killing frosts
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
Greenville, Me.	May 16	Sept. 2	June 23	May 27	Aug. 24	Sept. 18	Days 114
Portland, Me.	May 4	Oct. 16	June 20	Apr. 23	Sept. 11	Oct. 16	177
Concord, N. H.	May 2	Sept. 17	June 5	May 5	Sept. 6	Oct. 3	151
Burlington, Vt.	Apr. 18	Oct. 4	May 23	May 3	Sept. 15	Oct. 8	158
Boston, Mass.	do.	Nov. 29	May 19	Apr. 17	Sept. 26	Oct. 24	190
Hartford, Conn.	do.	Oct. 16	do.	Apr. 19	Sept. 11	Oct. 17	181
Albany, N. Y.	May 2	Oct. 4	May 30	Apr. 25	Sept. 15	Oct. 15	173
Buffalo, N. Y.	Apr. 15	Oct. 21	May 23	Apr. 26	Oct. 3	Oct. 23	180
Canton, N. Y.	May 19	Oct. 4	June 2	May 5	Sept. 11	Sept. 30	147
Setauket, N. Y.	Apr. 23	Nov. 30	May 17	Apr. 12	Oct. 19	Nov. 8	210
Syracuse, N. Y.	Apr. 18	Oct. 4	May 16	Apr. 25	Sept. 21	Oct. 21	179
Atlantic City, N. J.	Apr. 10	Dec. 10	Apr. 30	Apr. 10	Oct. 1	Nov. 5	209
Trenton, N. J.	do.	Oct. 19	May 17	do.	Sept. 22	Nov. 2	206
Erie, Pa.	Apr. 22	Dec. 2	do.	Apr. 20	Oct. 7	Nov. 1	195
Harrisburg, Pa.	Apr. 18	Oct. 19	May 12	Apr. 10	Sept. 28	Oct. 28	201
Pittsburgh, Pa.	Apr. 17	Oct. 18	May 29	Apr. 28	Sept. 19	Oct. 18	173
Scranton, Pa.	Apr. 18	Oct. 4	May 15	Apr. 21	Sept. 14	Oct. 14	176
Cincinnati, Ohio	Mar. 28	Oct. 18	May 9	Apr. 10	Sept. 29	Oct. 24	197
Cleveland, Ohio	Apr. 18	Oct. 21	May 21	Apr. 17	Oct. 2	Nov. 3	200
Columbus, Ohio	Apr. 3	Oct. 18	May 17	Apr. 21	Sept. 30	Oct. 18	180
Dayton, Ohio	do.	do.	May 25	Apr. 16	Sept. 30	Oct. 21	188
Toledo, Ohio	Apr. 18	do.	May 30	Apr. 23	Sept. 9	Oct. 29	178
Evansville, Ind.	Apr. 3	do.	Apr. 26	Apr. 3	Sept. 28	Oct. 29	209
Ft. Wayne, Ind.	do.	do.	May 28	Apr. 17	Sept. 14	Oct. 22	188
Indianapolis, Ind.	do.	do.	May 25	Apr. 16	Sept. 21	Oct. 21	188
Cairo, Ill.	Mar. 13	do.	Apr. 30	Mar. 29	Sept. 30	Oct. 30	215
Chicago, Ill.	Apr. 9	do.	May 25	Apr. 16	Sept. 20	Oct. 21	188
Peoria, Ill.	do.	do.	May 11	Apr. 15	Sept. 26	Oct. 20	188
Springfield, Ill.	do.	do.	May 25	do.	Sept. 25	Oct. 19	187
Alpena, Mich.	Apr. 17	do.	June 9	May 12	Sept. 6	Oct. 4	145
Detroit, Mich.	do.	do.	May 31	Apr. 27	Sept. 20	Oct. 16	172
Grand Rapids, Mich.	do.	Oct. 14	May 30	May 1	Sept. 25	Oct. 17	169
Lansing, Mich.	do.	Oct. 18	May 28	May 2	Sept. 8	Oct. 11	162
Ludington, Mich.	May 8	do.	June 17	May 10	Sept. 4	Oct. 16	159
Marquette, Mich.	May 9	Oct. 17	June 6	May 12	Sept. 5	Oct. 10	151
Green Bay, Wis.	Apr. 17	Oct. 18	May 30	May 5	Sept. 16	Oct. 9	156
La Crosse, Wis.	May 8	Oct. 3	June 4	Apr. 29	Sept. 10	Oct. 10	164
Madison, Wis.	Apr. 17	Oct. 17	May 25	Apr. 25	Sept. 16	Oct. 17	175
Milwaukee, Wis.	May 8	do.	May 29	do.	Sept. 25	Oct. 19	177
Duluth, Minn.	do.	Oct. 16	June 8	May 10	Sept. 10	Oct. 4	147
Minneapolis, Minn.	Apr. 12	do.	May 20	Apr. 26	Sept. 13	Oct. 11	168
Charles City, Iowa	Apr. 14	Oct. 10	May 21	Apr. 28	Sept. 12	Oct. 5	160
Des Moines, Iowa	Apr. 9	Oct. 17	May 31	Apr. 19	Sept. 13	Oct. 11	188
Dubuque, Iowa	do.	Oct. 3	May 21	do.	Sept. 25	Oct. 16	180
Columbia, Mo.	Apr. 1	Oct. 17	May 9	Apr. 11	Sept. 18	Oct. 19	191
St. Joseph, Mo.	do.	do.	Apr. 28	Apr. 7	Sept. 26	Oct. 20	196
St. Louis, Mo.	Mar. 28	Oct. 18	May 22	Apr. 3	Sept. 28	Oct. 29	209
Springfield, Mo.	do.	do.	May 19	Apr. 9	Sept. 27	Oct. 25	199
Bismarck, N. Dak.	Apr. 20	Oct. 9	June 7	May 10	Aug. 23	Sept. 22	135
Devils Lake, N. Dak.	May 10	Oct. 1	June 4	May 15	Aug. 22	Sept. 24	132
Williston, N. Dak.	May 12	Sept. 9	June 16	do.	Sept. 3	Sept. 22	130
Fargo, N. Dak.	May 28	Oct. 2	June 8	May 12	Aug. 25	Sept. 26	137
Huron, S. Dak.	May 6	Oct. 12	June 21	May 6	Aug. 23	Sept. 29	146
Pierre, S. Dak.	Apr. 12	Oct. 9	May 24	Apr. 30	Sept. 12	Oct. 6	159
Rapid City, S. Dak.	May 11	do.	May 30	May 2	Sept. 13	Oct. 3	154
North Platte, Nebr.	Apr. 13	Oct. 11	May 29	May 1	Sept. 10	Oct. 5	157
Omaha, Nebr.	do.	Oct. 17	May 19	Apr. 16	Sept. 18	Oct. 17	184
Valentine, Nebr.	do.	Oct. 8	June 21	May 5	Sept. 11	Oct. 3	151
Concordia, Kans.	Apr. 1	Oct. 17	May 19	Apr. 17	Sept. 27	Oct. 16	182
Dodge City, Kans.	do.	Oct. 11	May 27	Apr. 16	Sept. 23	Oct. 21	188
Wichita, Kans.	do.	Nov. 9	May 15	Apr. 8	do.	Oct. 24	199
Washington, D. C.	Mar. 29	Dec. 1	May 12	Apr. 10	Oct. 2	Oct. 26	199
Lynchburg, Va.	Apr. 4	Oct. 19	May 17	Apr. 9	do.	Oct. 27	201
Norfolk, Va.	Mar. 14	Dec. 11	Apr. 26	Mar. 23	Oct. 11	Nov. 18	240
Richmond, Va.	Mar. 29	Oct. 19	do.	Mar. 29	Oct. 12	Nov. 2	218
Wytheville, Va.	Apr. 4	Oct. 15	May 27	Apr. 17	Sept. 19	Oct. 14	180
Elkins, W. Va.	do.	Oct. 18	May 26	May 1	Sept. 20	Oct. 12	164
Parkersburg, W. Va.	Apr. 10	Oct. 19	May 22	Apr. 18	Sept. 29	Oct. 18	183
Asheville, N. C.	Mar. 29	do.	May 10	Apr. 11	Oct. 2	Oct. 23	195
Charlotte, N. C.	do.	do.	Apr. 26	Mar. 24	Oct. 8	Nov. 7	228
Raleigh, N. C.	do.	Dec. 10	do.	Mar. 26	do.	Nov. 6	225
Wilmington, N. C.	Mar. 13	Dec. 11	Apr. 21	Mar. 18	Oct. 16	Nov. 15	242
Charleston, S. C.	Mar. 14	Dec. 21	Apr. 6	Mar. 2	Oct. 28	Nov. 29	272
Columbia, S. C.	Mar. 29	Dec. 1	Apr. 17	Mar. 17	Oct. 18	Nov. 28	246
Greenville, S. C.	do.	do.	Apr. 24	Mar. 26	Oct. 10	Nov. 6	225

See footnotes at end of table.

TABLE 802.—Frost: Dates of killing frosts, 1948, with length of growing season—Continued

Station	Date of last killing frost in spring 1948	Date of first killing frost in fall 1948	Averages and extremes of killing frost ¹				Length of growing season between average dates of killing frosts Days
			Spring frosts		Fall frosts		
			Latest date	Average date	Earliest date	Average date	
Atlanta, Ga.	Mar. 29	Nov. 30	Apr. 17	Mar. 24	Oct. 11	Nov. 13	234
Augusta, Ga.	Feb. 15	Dec. 26	do	Mar. 13	Oct. 21	Nov. 15	247
Macon, Ga.	Mar. 29	Dec. 11	Apr. 18	Mar. 14	Oct. 24	Nov. 16	247
Savannah, Ga.	Feb. 10	Dec. 21	Apr. 13	Feb. 26	Oct. 25	Nov. 26	273
Thomasville, Ga.	Feb. 2	Dec. 26	Apr. 26	Mar. 7	Oct. 21	Nov. 20	258
Apalachicola, Fla.	Jan. 25	Dec. 31	Mar. 23	Feb. 10	Nov. 13	Dec. 14	307
Avon Park, Fla.	Jan. 15	None	Mar. 14	(²)	Nov. 28	(²)	365
Jacksonville, Fla.	Jan. 16	None	Apr. 10	Feb. 16	Nov. 12	Dec. 8	295
Miami, Fla.	None	None	Mar. 9	Jan. 11	Nov. 21	Dec. 29	352
Tampa, Fla.	Jan. 16	None	Mar. 19	(²)	Nov. 16	(²)	344
Chattanooga, Tenn.	Mar. 29	Oct. 19	May 15	Mar. 26	Sept. 30	Nov. 5	224
Knoxville, Tenn.	do	do	Apr. 26	Apr. 1	Oct. 1	Oct. 30	212
Memphis, Tenn.	Mar. 13	Oct. 18	Apr. 25	Mar. 20	Oct. 2	Nov. 6	231
Nashville, Tenn.	Mar. 29	do	Apr. 24	Mar. 30	Oct. 7	Oct. 29	213
Birmingham, Ala.	Mar. 30	Oct. 19	Apr. 17	Mar. 16	Oct. 18	Nov. 10	239
Mobile, Ala.	Mar. 13	Dec. 26	Apr. 13	Feb. 16	Oct. 31	Dec. 7	294
Montgomery, Ala.	Feb. 2	do	do	Mar. 5	Oct. 21	Nov. 15	255
New Orleans, La.	Jan. 31	None	Mar. 27	Jan. 26	Nov. 11	Dec. 19	327
Shreveport, La.	Mar. 13	Nov. 10	Apr. 13	Mar. 7	Oct. 20	Nov. 10	248
Abilene, Tex.	do	Nov. 22	Apr. 23	Mar. 25	Oct. 19	Nov. 13	233
Amarillo, Tex.	Apr. 1	Oct. 18	May 7	Apr. 14	Oct. 16	Nov. 1	201
Brownsville, Tex.	Mar. 11	None	Mar. 14	Jan. 23	Nov. 13	Dec. 25	336
Corpus Christi, Tex.	Mar. 12	None	Mar. 19	Jan. 25	Nov. 15	Dec. 27	336
Del Rio, Tex.	do	Nov. 10	Mar. 27	Feb. 21	Oct. 27	Dec. 11	293
El Paso, Tex.	Apr. 1	Nov. 6	Apr. 26	Mar. 19	Oct. 23	Nov. 16	242
Ft. Worth, Tex.	Mar. 13	Nov. 29	Apr. 19	Mar. 11	Oct. 22	Nov. 25	259
Galveston, Tex.	Mar. 12	None	Mar. 19	Jan. 19	Nov. 16	Dec. 26	341
Palestine, Tex.	Mar. 13	Nov. 29	Apr. 5	Mar. 8	Oct. 20	Nov. 20	257
San Antonio, Tex.	do	Nov. 10	do	Feb. 24	Oct. 30	Nov. 30	279
Taylor, Tex.	do	do	Apr. 13	Mar. 7	do	Nov. 26	264
Oklahoma City Okla.	Mar. 28	Nov. 9	Apr. 30	Mar. 28	Oct. 7	Nov. 6	223
Ft. Smith, Ark.	Mar. 13	Oct. 18	Apr. 17	Mar. 23	Oct. 9	do	228
Little Rock, Ark.	do	Nov. 10	Apr. 10	Mar. 17	Oct. 22	Nov. 14	242
Havre, Mont.	Apr. 27	Oct. 1	June 6	May 12	Aug. 25	Sept. 22	133
Helena, Mont.	May 3	do	June 9	May 6	do	Sept. 29	146
Kalispell, Mont.	Apr. 27	Sept. 24	June 7	May 4	Sept. 6	Oct. 1	150
Miles City, Mont.	May 10	Oct. 6	May 31	May 1	Sept. 7	Oct. 3	155
Cheyenne, Wyo.	May 6	do	June 13	May 16	Aug. 25	Sept. 28	135
Lander, Wyo.	May 9	do	June 20	May 18	Aug. 23	Sept. 18	123
Sheridan, Wyo.	do	do	June 2	May 14	Aug. 25	Sept. 22	131
Denver, Colo.	May 10	Oct. 16	June 6	May 1	Sept. 12	Oct. 12	164
Grand Junction, Colo.	Apr. 1	Oct. 7	May 17	Apr. 14	Sept. 14	Oct. 22	191
Pueblo, Colo.	Apr. 8	do	June 2	Apr. 23	Sept. 12	Oct. 17	177
Roswell, N. Mex.	Apr. 3	Oct. 26	May 17	Apr. 7	Oct. 10	Oct. 30	206
Albuquerque, N. Mex.	Apr. 2	Nov. 5	May 27	Apr. 20	Sept. 18	Oct. 23	186
Flagstaff, Ariz.	June 23	Oct. 1	June 23	May 29	Sept. 9	Sept. 29	123
Phoenix, Ariz.	Feb. 13	Dec. 5	Mar. 31	Feb. 5	Nov. 5	Dec. 6	303
Tucson, Ariz.	Mar. 22	Nov. 9	May 3	Mar. 19	Oct. 16	Nov. 19	245
Yuma, Ariz.	Feb. 13	Dec. 24	Mar. 15	Jan. 16	Nov. 19	Dec. 23	341
Modena, Utah	May 22	Sept. 26	July 13	May 20	Sept. 5	Oct. 3	136
Salt Lake City, Utah	May 3	Oct. 17	May 13	Apr. 24	Sept. 18	Oct. 19	178
Reno, Nev.	May 14	Sept. 25	June 25	May 11	Sept. 6	Oct. 8	150
Winnemucca, Nev.	May 3	Sept. 27	June 22	do	Aug. 22	Sept. 28	140
Boise, Idaho	May 2	Oct. 16	June 16	Apr. 25	Sept. 11	Oct. 14	172
Lewistown, Idaho	do	Oct. 15	May 10	Apr. 4	Sept. 21	Oct. 25	204
Pocatello, Idaho	May 5	Oct. 17	June 1	Apr. 29	Sept. 8	Oct. 6	160
Seattle, Wash.	Mar. 3	Nov. 8	May 2	Apr. 10	Oct. 27	Nov. 10	214
Spokane, Wash.	May 1	Oct. 6	June 8	Apr. 14	Sept. 7	Oct. 14	183
Walla Walla, Wash.	Apr. 8	Oct. 17	May 9	Mar. 30	Sept. 24	Nov. 4	219
Baker, Oreg.	May 2	Oct. 28	June 23	May 13	Aug. 30	Sept. 25	135
Portland, Oreg.	Mar. 23	Nov. 8	May 2	Mar. 11	Oct. 13	Nov. 23	257
Roseburg, Oreg.	Apr. 7	Oct. 27	May 24	Apr. 4	Sept. 24	Nov. 9	219
Eureka, Calif.	Feb. 11	Dec. 23	Apr. 8	Mar. 16	Nov. 7	Dec. 18	277
Fresno, Calif.	Feb. 14	Nov. 21	Apr. 14	Feb. 15	Oct. 31	Dec. 1	289
Independence, Calif.	Apr. 12	Sept. 26	May 24	Apr. 11	Sept. 24	Oct. 30	202
Los Angeles, Calif.	Jan. 28	None	Feb. 17	Jan. 3	Nov. 2	Dec. 29	360
Red Bluff, Calif.	Mar. 25	Oct. 30	May 9	Mar. 9	Oct. 29	Dec. 2	268
Redding, Calif.	May 1	Dec. 4	May 1	Feb. 24	Oct. 17	Dec. 5	284
Sacramento, Calif.	Feb. 14	Nov. 27	May 7	Feb. 10	Oct. 28	Dec. 9	302
San Bernardino, Calif.	Mar. 26	Dec. 5	Apr. 23	Mar. 17	Oct. 2	Nov. 23	251
San Diego, Calif.	None	None	Jan. 31	(²)	Dec. 25	(²)	365
San Francisco, Calif.	None	None	Mar. 27	Jan. 9	Dec. 4	Dec. 29	354

¹ Based on data from beginning of record through 1948.

² Frosts do not occur every year.

TABLE 803.—*Fish: Catch and disposition of catch in commercial fisheries, United States and Alaska, 1929-48 (round weight)*

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
		Million pounds	Million pounds	Million pounds	Million pounds
1929.....	3,567	1,352	1,286	150	779
1930.....	3,287	1,389	1,077	145	676
1931.....	2,657	1,121	962	130	444
1932.....	2,614	1,032	787	140	655
1933.....	2,933	1,012	991	135	795
1934.....	4,058	1,087	1,293	130	1,548
1935.....	4,066	1,250	1,220	130	1,466
1936.....	4,760	1,321	1,459	135	1,845
1937.....	4,353	1,339	1,356	130	1,528
1938.....	4,253	1,355	1,234	130	1,534
1939.....	4,443	1,366	1,281	130	1,666
1940.....	4,060	1,461	1,280	130	1,189
1941.....	5,080	1,660	1,645	125	1,650
1942.....	3,877	1,407	1,230	115	1,125
1943.....	4,202	1,495	1,165	114	1,428
1944.....	4,500	1,585	1,225	110	1,580
1945.....	4,575	1,846	1,230	110	1,389
1946.....	4,456	1,674	1,277	100	1,405
1947 ¹	4,368	1,569	1,384	100	1,315
1948 ¹	4,575	1,668	1,459	100	1,348

¹ Preliminary.

Fish and Wildlife Service, Department of the Interior.

TABLE 804.—*Canned fishery products: Production and value, United States and Alaska, 1939-48*PRODUCTION¹

Year	Salmon	Sardines		Tuna and tuna-like fishes	Mack-erel	Shrimp	Clam products ¹	Oysters	Other products ¹	Total
		Maine	Calif-ornia							
		1,000 lb.	1,000 lb.							
1939.....	287,621	44,872	139,864	79,695	40,023	20,651	24,515	9,080	41,956	688,277
1940.....	269,040	22,690	132,565	91,144	63,985	16,744	24,257	9,668	51,101	681,194
1941.....	375,918	63,565	225,322	61,563	42,075	16,468	25,271	9,190	66,590	885,962
1942.....	280,080	55,219	168,508	52,500	32,454	14,450	21,331	7,326	28,474	660,342
1943.....	273,802	47,772	150,961	56,563	42,176	9,907	12,187	4,842	22,660	620,880
1944.....	246,655	61,627	164,291	70,185	55,128	8,425	13,661	3,830	34,858	658,660
1945.....	235,596	51,061	169,469	88,978	31,174	3,222	21,502	3,164	42,217	646,386
1946.....	216,488	61,315	133,973	93,888	43,297	7,832	40,493	5,472	96,618	699,376
1947.....	270,793	57,544	74,367	117,469	78,973	7,085	36,136	5,747	106,019	754,133
1948.....	231,598	62,135	119,437	139,682	57,654	8,363	32,795	4,999	125,525	782,208

VALUE

Year	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1939.....	41,781	7,075	9,554	20,080	2,589	5,398	3,798	2,379	3,974	96,628
1940.....	38,050	3,736	8,975	23,728	4,101	4,318	3,778	2,527	4,969	94,182
1941.....	67,417	12,476	18,092	19,398	3,504	4,883	3,711	2,997	6,206	138,684
1942.....	61,974	11,692	15,510	30,742	3,693	7,347	3,791	3,599	6,649	144,997
1943.....	62,935	10,686	14,352	31,430	5,271	5,361	2,802	2,822	5,530	141,189
1944.....	56,383	14,224	15,226	40,836	7,034	4,855	3,821	2,283	8,252	152,914
1945.....	52,586	11,520	15,346	47,407	4,047	4,919	7,391	2,030	10,555	152,801
1946.....	70,161	19,549	19,896	59,136	7,575	8,429	11,145	5,249	26,489	227,629
1947.....	120,639	27,678	16,538	90,609	15,019	8,192	8,642	4,259	19,104	310,680
1948.....	120,537	26,922	21,893	112,612	9,851	7,791	8,330	4,778	23,467	336,181

¹ Represents the net weight of canned products. In the classifications "Clam products" and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.Fish and Wildlife Service, Department of the Interior.
Data for 1933-37 in Agricultural Statistics, 1947, table 770.

TABLE 805.—*Fresh and frozen packaged fish:*¹ *Production and value, by principal species, United States, 1929–48*

Year	Cod		Flounders		Haddock		Rosefish		Whiting ²		Other		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1929	3,485	601	923	221	71,367	12,732					8,622	1,259	84,397	14,813
1930	6,602	971	978	191	62,146	9,844					8,103	1,271	77,829	12,277
1931	8,721	1,118	1,494	289	42,311	6,152					12,548	1,893	65,074	9,452
1932 ³	7,786	857	1,687	266	33,401	3,357					9,161	1,262	51,975	5,742
1933	11,577	1,242	3,756	568	35,149	3,457					12,250	1,700	62,732	6,967
1934	15,239	1,677	4,648	568	36,666	3,801					23,003	2,746	80,106	9,001
1935	17,747	1,751	6,166	973	46,488	4,427	4,550	4,550			32,777	3,611	107,498	11,202
1936	17,896	1,895	5,850	906	41,187	4,266	15,521	1,514			32,962	3,566	113,356	12,147
1937	22,507	2,262	7,870	1,287	40,241	4,162	15,509	1,495			30,865	3,655	116,992	12,861
1938	21,189	2,025	8,115	1,253	41,453	3,428	19,152	1,568			32,464	3,679	129,976	12,315
1939	19,401	1,930	10,645	1,432	38,432	3,788	25,003	2,544	7,603	362	31,366	3,777	137,268	14,028
1940	14,541	1,760	11,245	1,542	36,747	4,479	22,997	2,272	13,256	561	30,634	3,731	129,420	14,345
1941	16,790	2,435	20,455	3,171	46,912	6,848	41,817	4,808	24,019	1,484	32,958	5,184	182,951	23,930
1942 ⁴	12,930	2,778	24,869	5,867	41,875	9,661	37,680	6,907	24,583	2,240	31,425	6,538	173,362	33,991
1943 ⁴	13,714	3,516	24,517	7,299	32,219	9,091	31,012	6,952	22,315	2,194	34,862	8,537	158,639	37,589
1944 ⁴	22,083	5,461	18,073	5,423	38,403	10,597	34,551	7,745	18,510	1,955	40,694	9,639	172,294	40,820
1945 ⁴	28,864	7,452	19,961	6,086	44,197	12,349	35,456	7,673	29,959	3,098	46,490	11,713	204,927	48,371
1946 ⁴	18,132	4,747	21,900	6,877	42,441	12,987	49,507	11,710	22,129	2,168	34,371	7,794	188,480	46,283
1947 ⁴	14,032	3,459	20,594	7,004	43,205	12,094	50,587	11,941	28,018	2,658	28,531	7,506	184,967	44,662
1948 ⁴	13,975	3,513	23,610	8,147	42,331	11,887	71,356	15,449	5,122	784	37,104	9,040	193,498	48,820

¹ Packaged fish represents production of filets, steaks, and sticks by wholesale dealers.

² No production of this item is shown in the records from 1929 through 1937.

³ Does not include the California production.

⁴ Estimated.

⁵ Production in California is not included. In 1941, the last year these data were available, the yield of packaged fish in California totaled 5,384,000 pounds, valued at \$1,031,740. Of this production 1,380,000 pounds, valued at \$226,200 were flounders, and 4,004,000 pounds, valued at \$805,540, were other fish.

Fish and Wildlife Service, Department of the Interior.

TABLE 806.—*Fishery products: United States imports for consumption, 1944-48*

Class and item	1944		1945		1946 ¹		1947 ¹		1948 ¹	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Edible fishery products:										
Fish, fresh or frozen:										
Fresh-water fish and eels.....	1,000 lb. 55,928	1,000 dol. 8,963	1,000 lb. 63,991	1,000 dol. 12,171	1,000 lb. 58,842	1,000 dol. 11,648	1,000 lb. 49,561	1,000 dol. 10,735	1,000 lb. 49,999	1,000 dol. 11,553
Sea herring.....	74,378	1,188	60,789	951	93,396	1,479	79,582	1,268	67,184	1,611
Filleted, skinned, boned.....	30,946	6,539	55,015	11,721	61,245	12,918	43,889	9,092	67,167	14,919
Other.....	36,422	5,606	46,982	6,947	40,829	8,086	62,779	12,872	73,934	16,960
Fish, canned:										
In oil.....	7,633	4,300	16,556	10,301	28,603	12,471	24,756	11,333	34,893	16,461
Not in oil.....	3,387	951	4,278	1,216	12,740	3,803	8,092	2,110	11,679	2,979
Fish, dried and unsalted.....	802	255	2,252	771	1,462	502	1,422	526	1,807	616
Fish, pickled or salted:										
Cod, haddock, hake, pollack, cusk.....	42,345	6,323	50,467	7,002	50,011	7,251	42,429	6,550	54,887	8,643
Other.....	44,034	4,834	43,104	4,619	58,096	6,008	35,223	4,213	34,856	4,341
Fish, smoked or kippered.....	8,926	1,464	9,001	1,637	12,966	2,346	6,168	1,073	6,327	1,227
Other, prepared or preserved.....	1,298	325	1,784	1,039	5,217	2,052	1,558	933	2,129	968
Shellfish, not canned:										
Lobsters.....	17,744	6,098	23,033	9,338	25,470	10,772	24,715	11,593	28,607	13,260
Others.....	11,066	2,815	23,025	5,113	19,314	5,271	20,398	6,860	30,370	11,956
Shellfish, canned:										
Crab meat.....	7	4	(²)	(³)	16	12	378	303	1,337	751
Others.....	4,275	3,763	4,491	3,608	5,159	5,342	6,686	3,814	8,052	5,353
Total edible products.....	339,431	53,431	404,768	76,434	473,366	89,961	407,636	83,275	473,228	111,598
Nonedible fishery products:										
Fish livers.....	4,710	2,376	4,151	1,544	3,719	1,672	2,926	1,654	2,870	1,899
Marine animal oils ⁴	86,057	12,205	37,532	9,791	31,403	11,382	35,015	11,179	81,066	23,118
Fish scrap, meal, and cake.....	19,543	675	7,039	212	20,707	1,016	18,397	878	85,408	5,227
Other nonedible products.....		9,731		13,273		25,630		12,986		14,649
Total nonedible products.....		24,987		24,820		39,700		26,697		44,893
Grand total.....		78,418		101,254		129,661		109,972		156,491

¹ Preliminary.² Less than 500 pounds.³ Less than \$500.⁴ Oils have been converted on basis of 7.5 pounds per gallon.

Fish and Wildlife Service, Department of the Interior. Compiled from reports of the Department of Commerce. Data for 1940-43 in Agricultural Statistics, 1946, table 746.

TABLE 807.—Domestic fishery products: United States exports, 1944-48

Class and item	Unit of quantity	1944		1945		1946 ¹		1947 ¹		1948 ¹	
		Quantity	Value <i>1,000 dollars</i>	Quantity	Value <i>1,000 dollars</i>	Quantity	Value <i>1,000 dollars</i>	Quantity	Value <i>1,000 dollars</i>	Quantity	Value <i>1,000 dollars</i>
Edible fishery products:											
Fish, fresh or frozen:											
Salmon.....	1,000 pounds..	400	44	856	140	127	44	593	217	130	58
Other.....	do.....	577	90	744	136	1,428	203	1,653	303	3,019	402
Fish, salted, pickled, or dry cured:											
Salmon.....	do.....	41	16	255	49	1,339	492	781	304	162	63
Cod, haddock, hake, pollack, cusk.....	do.....	109	24	562	90	1,826	306	1,246	278	978	220
Other.....	do.....	1,085	114	1,660	215	8,998	1,733	1,737	493	762	127
Fish, canned:											
Salmon.....	do.....	50,156	21,205	34,549	13,279	51,359	12,890	61,574	19,745	2,641	1,305
Sardines (includes pilchards).....	do.....	48,292	7,232	76,265	12,403	85,728	13,360	70,638	13,000	33,877	8,153
Other (except shellfish).....	do.....	2,771	509	13,793	2,430	22,797	3,790	48,581	8,993	39,167	8,460
Shellfish, not canned:											
Oysters, fresh in the shell, shucked, frozen or in ice.....	do.....	422	214	725	400	933	506	825	340	76	33
Shrimp, fresh, frozen, or in ice.....	do.....	195	68	291	108	410	208	501	307	494	296
Shrimp, dried.....	do.....	630	286	567	305	497	456	381	372	477	355
Shellfish, canned:											
Shrimp.....	do.....	2,342	1,332	667	384	150	143	1,635	1,534	471	455
Other.....	do.....	4,425	612	3,681	599	26,753	4,419	16,782	3,190	15,209	2,128
Other fish, shellfish, and fish products.....	do.....	785	183	1,398	365	3,596	1,079	4,704	1,243	2,249	789
Total edible products.....	do.....	112,230	31,929	136,013	30,903	205,941	39,629	211,631	50,319	99,712	22,844
Nonedible fishery products:											
Fish and marine-animal oils, except liver oils.....											
do.....	do.....	10,227	849	17,366	2,543	4,378	449	11,055	1,535	12,052	1,906
Fish meal for feed.....	Tons.....	5	1	11	1	65	9	1	87	80	13
Furs, fur-seal, dressed or dyed.....	Number.....	6,465	240	24,503	413	8,842	421	11,660	546	8,204	446
Oyster shells.....	Tons.....	34,206	388	28,752	299	27,655	369	40,665	523	27,200	362
Other nonedible.....	do.....		2,533		4,399		27,407		28,533		28,086
Total nonedible products.....	do.....		4,011		7,655		28,595		31,224		30,793
Grand total.....	do.....		35,940		38,558		68,224		81,543		53,637

¹ Preliminary.

Fish and Wildlife Service, Department of the Interior. Compiled from reports of the Department of Commerce. Data for 1940-43 in Agricultural Statistics, 1946, table 747.

TABLE 808.—Frozen fishery products: Production, by geographic divisions, 1939-48

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1939.....	85,874	22,083	8,053	15,859	2,856	10,227	38,456	183,408
1940.....	87,370	22,163	6,578	15,744	3,319	12,937	48,044	196,155
1941.....	117,850	30,897	8,435	16,818	4,291	19,180	49,117	246,588
1942.....	118,462	31,891	7,565	14,150	5,043	16,935	53,119	247,165
1943.....	100,790	33,105	8,915	15,893	10,283	12,874	64,193	246,053
1944.....	120,958	32,138	8,184	11,052	4,789	16,602	72,814	266,537
1945.....	125,278	23,973	6,007	6,604	4,618	23,085	96,436	286,001
1946.....	131,823	19,415	6,416	4,503	2,399	23,429	92,080	280,065
1947.....	125,900	16,627	7,142	3,892	809	27,557	64,697	246,624
1948 ¹	158,969	15,384	5,739	4,322	3,207	26,888	77,479	291,988

¹ Total production of frozen products by 260 domestic freezers of fishery products in 1948. These are principally public cold-storage plants.

Fish and Wildlife Service, Department of the Interior.
Data for 1932-38 in Agricultural Statistics, 1947, table 774.

TABLE 809.—Total gross refrigerated warehouse space, by type of plant, United States, biennially, 1925-47¹

Year	Public cold storage only	Private and semi-private cold storage	Meat-packing establishments	Total all types
	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>
1925.....	242,564	81,101	303,004	626,669
1927.....	273,896	82,081	311,869	667,846
1929.....	316,810	89,455	322,330	728,595
1931.....	325,703	94,075	321,065	740,843
1933.....	317,211	97,457	297,274	711,942
1935.....	322,450	84,914	303,206	710,570
1937.....	333,833	86,847	309,642	730,322
1939.....	351,368	82,510	312,562	746,440
1941.....	371,771	92,380	302,232	766,383
1943.....	389,991	91,625	² 169,650	² 651,266
1945.....	403,832	107,545	² 134,814	² 646,191
1947.....	408,232	135,816	² 130,993	² 675,041

¹ 1941 data from June 16 survey; all others Oct. 1. Warehouse space is defined as all space artificially cooled to temperatures of 50° or less, in which food commodities are held for 30 days or longer.

² Reduction from earlier years is due chiefly to the elimination from reports of meat-packing establishments of the "working space" in such establishments.

Production and Marketing Administration.

TABLE 810.—Frozen-food locker plants: Number in operation, by States, July 1, 1947, 1948, and 1949

State	July 1—			State	July 1—		
	1949	1948	1947		1949	1948	1947
	Number	Number	Number		Number	Number	Number
Maine.....	18	13	10	North Carolina.....	107	100	86
New Hampshire.....	27	27	26	South Carolina.....	73	71	50
Vermont.....	49	48	43	Georgia.....	168	163	120
Massachusetts.....	44	29	29	Florida.....	58	34	26
Rhode Island.....	8	8	5	Kentucky.....	118	92	86
Connecticut.....	59	60	60	Tennessee.....	131	125	110
New York.....	235	235	218	Alabama.....	82	82	77
New Jersey.....	50	17	16	Mississippi.....	90	99	97
Pennsylvania.....	304	242	228	Arkansas.....	114	112	115
Ohio.....	355	330	310	Louisiana.....	45	46	45
Indiana.....	348	329	290	Oklahoma.....	340	317	299
Illinois.....	595	574	535	Texas.....	535	514	503
Michigan.....	375	320	301	Montana.....	221	215	181
Wisconsin.....	675	601	565	Idaho.....	195	175	175
Minnesota.....	675	630	572	Wyoming.....	66	65	57
Iowa.....	859	841	702	Colorado.....	223	230	160
Missouri.....	472	460	313	New Mexico.....	40	45	44
North Dakota.....	300	272	237	Arizona.....	34	34	28
South Dakota.....	299	299	300	Utah.....	149	124	112
Nebraska.....	504	470	400	Nevada.....	13	13	11
Kansas.....	510	480	420	Washington.....	671	665	576
Delaware.....	11	12	11	Oregon.....	340	355	350
Maryland.....	43	40	37	California.....	526	519	512
Virginia.....	72	72	71	United States.....	11,245	10,617	9,529
West Virginia.....	19	13	10				

Extension Service. Data compiled from annual surveys made by State extension workers. The average number of lockers per plant is 500 (or more), so that the total number of individual lockers exceeds 5,000,000. Data on capacity, patronage, and use of these locker plants for 1946 in Agricultural Statistics, 1948, table 804.

TABLE 811.—Cooperative extension work: Projects and percentage of agents' and specialists' time devoted to each, United States, 1942-47¹

Project	1942	1943	1944	1945	1946	1947
	Percent	Percent	Percent	Percent	Percent	Percent
Extension organization and planning.....	17.16	17.44	17.09	16.53	19.04	19.72
Farm crops.....	13.94	12.77	12.87	13.37	14.13	14.13
Animal husbandry.....	7.87	7.73	6.94	7.38	7.77	8.00
Dairy husbandry.....	3.88	3.67	5.91	4.60	4.90	5.28
Poultry husbandry.....	3.76	3.72	3.28	3.06	3.02	2.90
Soil management ²	3.44	2.96	3.39	3.46	3.78	3.74
Forestry.....	.94	.83	.79	.90	1.12	1.18
Wildlife conservation.....	.33	.28	.29	.42	.38	.38
Agricultural economics.....	5.95	6.61	6.93	5.36	5.15	4.98
Marketing.....	4.46	5.00	4.45	4.04	4.03	4.13
The house; furnishings and surroundings.....	3.41	2.46	2.68	3.62	4.49	4.91
Rural engineering.....	2.10	2.17	1.72	2.00	2.57	2.12
Nutrition and health.....	16.81	18.01	18.18	17.44	12.33	11.09
Home management: family economics.....	1.54	1.48	1.69	1.69	1.74	1.69
Clothing and textiles.....	3.93	4.32	5.20	5.13	4.88	4.97
Family relationships, child development.....	.59	.57	.75	.85	.84	.96
Recreation and community life.....	3.10	3.34	2.74	3.10	4.09	4.07
Miscellaneous.....	6.79	6.64	7.10	7.05	5.74	5.75

¹ Only field work of specialists, as reported by county extension agents, is included.

² Prior to 1942, designated as soil conservation.

Extension Service. Data for 1934-41 in Agricultural Statistics, 1943, table 612.

TABLE 812.—Cooperative extension workers: Number employed, by States, June 30, 1947 and 1948¹

State, division, and Territory	County agricultural agents and assistants		County home demonstration agents and assistants		County 4-H Club agents and assistants		Administrators and supervisors		Subject-matter specialists		Total	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
	Maine.....	18	17	16	16	12	13	5	6	18	18	69	70
New Hampshire.....	19	19	11	9	13	14	6	6	15	16	64	64
Vermont.....	15	15	11	12	12	13	6	6	19	20	63	66
Massachusetts.....	27	27	21	21	24	23	8	8	26	29	106	108
Rhode Island.....	3	3	3	4	5	5	3	3	10	10	24	24
Connecticut.....	15	15	10	11	16	16	7	7	24	25	72	75
New England.....	97	96	72	73	82	84	35	36	112	118	398	407
New York.....	115	121	85	100	84	95	17	17	109	131	410	464
New Jersey.....	29	31	26	28	16	17	6	6	26	24	103	106
Pennsylvania.....	105	106	82	70	.....	.....	17	17	60	62	264	255
Middle Atlantic.....	249	258	193	198	100	112	40	40	195	217	777	825
Ohio.....	116	127	70	73	3	3	18	19	57	55	264	277
Indiana.....	128	131	64	61	5	7	17	20	61	62	275	281
Illinois.....	112	117	93	100	42	60	19	21	56	55	322	353
Michigan.....	89	87	43	49	41	49	23	22	71	74	267	281
Wisconsin.....	96	99	63	62	17	21	19	19	64	63	250	264
East North Central.....	541	561	333	345	108	140	96	101	309	309	1,387	1,456
Minnesota.....	96	95	49	52	78	119	21	21	40	41	284	328
Iowa.....	98	99	77	91	81	95	23	23	100	89	379	397
Missouri.....	184	195	149	131	1	1	20	21	38	42	392	390
North Dakota.....	57	66	15	17	.....	.....	13	13	21	23	106	119
South Dakota.....	57	56	24	27	.....	.....	14	15	21	27	116	125
Nebraska.....	96	87	39	39	.....	.....	13	13	34	35	182	174
Kansas.....	105	111	73	82	18	17	20	19	58	57	274	286
West North Central.....	693	709	426	439	178	232	124	125	312	314	1,733	1,819
Delaware.....	6	4	4	4	3	3	4	3	12	12	28	26
Maryland.....	42	42	29	31	.....	.....	8	10	42	40	121	123
Virginia.....	179	166	113	119	.....	.....	24	24	48	44	364	353
West Virginia.....	60	60	45	45	35	33	13	13	43	37	196	188
North Carolina.....	264	262	219	209	.....	.....	26	26	55	54	564	551
South Carolina.....	107	121	84	105	.....	.....	23	21	55	49	269	296
Georgia.....	236	225	156	170	.....	.....	28	27	43	45	463	467
Florida.....	92	93	59	62	5	1	14	12	18	18	188	186
South Atlantic.....	985	973	709	745	43	37	140	136	316	299	2,193	2,190
Kentucky.....	163	166	95	104	.....	.....	26	27	37	38	321	335
Tennessee.....	212	212	118	125	.....	.....	19	19	39	52	368	408
Alabama.....	223	204	139	139	.....	.....	21	21	43	35	426	399
Mississippi.....	207	193	164	174	.....	.....	24	26	44	46	439	439
East South Central.....	805	775	516	542	.....	.....	90	93	163	171	1,574	1,581
Arkansas.....	121	125	113	117	.....	.....	18	19	31	30	283	291
Louisiana.....	134	144	126	128	.....	.....	17	17	39	42	316	331
Oklahoma.....	141	137	111	114	.....	.....	16	17	39	44	307	312
Texas.....	348	368	255	257	.....	.....	42	42	46	58	691	725
West South Central.....	744	774	605	616	.....	.....	93	95	155	174	1,597	1,659
Montana.....	43	46	25	24	.....	.....	9	10	22	22	99	102
Idaho.....	37	40	11	17	13	10	9	10	16	18	86	95
Wyoming.....	31	28	17	18	.....	.....	6	6	14	14	68	66
Colorado.....	47	50	30	30	13	16	8	8	29	27	127	131
New Mexico.....	41	48	20	26	.....	.....	7	7	13	14	81	95
Arizona.....	20	20	8	11	.....	.....	4	4	8	10	40	45
Utah.....	35	36	27	26	.....	.....	8	7	20	21	90	90
Nevada.....	19	15	7	7	.....	.....	4	4	6	6	36	32
Mountain.....	273	283	145	159	26	26	55	56	128	132	627	656
Washington.....	73	68	40	38	.....	.....	8	10	21	25	142	141
Oregon.....	63	65	30	31	21	25	11	15	34	31	159	167
California.....	168	200	66	66	.....	.....	12	14	37	39	273	319
Pacific.....	304	333	126	135	21	25	31	39	92	95	574	627

See footnotes at end of table.

TABLE 812.—Cooperative extension workers: Number employed, by States, June 30, 1947 and 1948¹—Continued

State, division, and Territory	County agricultural agents and assistants		County home demonstration agents and assistants		County 4-H Club agents and assistants		Administrators and supervisors		Subject-matter specialists		Total	
	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948	1947	1948
Alaska.....	1	1	2	2	-----	-----	4	4	-----	-----	7	7
Hawaii.....	31	31	17	18	-----	-----	7	7	15	15	70	71
Puerto Rico.....	44	49	32	46	-----	-----	14	15	30	32	120	142
Total.....	76	81	51	66	-----	-----	25	26	45	47	197	220
Grand total.....	4,767	4,843	3,176	3,318	558	656	729	747	1,827	1,876	11,057	11,440

¹ Includes both white and Negro extension workers.

Extension Service.

TABLE 813.—Cooperative extension work: Activities reported by all extension agents, United States, 1942-47

Activity	1942	1943	1944	1945	1946	1947
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Farm and home visits made.....	3,160,318	3,070,800	3,400,893	3,375,604	3,436,654	3,554,543
Office calls received.....	12,079,772	12,401,935	11,349,976	9,853,170	9,023,763	8,842,204
Telephone calls received.....	6,931,821	8,116,463	8,027,110	7,770,630	7,444,154	7,364,891
News articles or stories published.....	795,417	725,409	717,101	691,100	725,697	805,467
Bulletins distributed.....	22,980,614	30,658,713	25,434,929	19,902,853	17,858,300	17,944,619
Radio talks made.....	42,542	43,980	43,449	42,075	47,655	68,447
Training meetings held for local leaders.....	168,121	132,939	123,598	111,133	110,979	120,261
Method demonstration meetings held.....	641,765	619,878	674,562	663,624	665,032	696,332
Result demonstrations conducted.....	242,906	215,466	219,070	214,146	212,000	206,575
Meetings at result demonstrations.....	55,496	49,370	51,400	47,621	49,990	55,062
Tours conducted.....	14,538	14,076	13,668	17,326	24,592	26,237
Achievement days held.....	23,170	22,350	24,115	22,487	22,595	26,485
Counties reporting encampments held.....	2,197	1,774	2,004	2,421	2,832	3,113
All meetings held.....	1,450,019	1,335,445	1,378,946	1,320,668	1,340,023	1,422,325
Attendance at all meetings held.....	38,237,472	33,968,823	35,636,339	35,730,559	43,078,103	51,354,079
Voluntary local leaders assisting with:						
Adult extension.....	974,335	901,917	965,257	898,747	803,991	774,241
Junior extension.....	157,726	164,944	167,623	178,512	186,094	203,211
Adult home demonstration groups.....	55,577	52,445	50,108	49,351	50,008	52,870
Members of such groups.....	1,258,852	1,161,005	1,106,089	1,126,320	1,162,346	1,231,634

Extension Service. Data for 1936-41 in Agricultural Statistics, 1943, table 613.

TABLE 814.—4-H Club work: Number of clubs, enrollment, projects started and completed, United States, 1942-47¹

Item	1942	1943	1944	1945	1946	1947
Junior clubs.....	75,515	74,813	74,327	75,146	74,597	80,286
Different boys enrolled.....	641,443	734,673	701,531	687,803	722,583	798,651
Different girls enrolled.....	801,805	904,800	889,067	874,819	892,456	961,260
Total enrollment.....	1,443,248	1,639,473	1,590,598	1,562,622	1,615,039	1,759,911
Different boys completing ²	477,165	543,532	528,121	521,667	540,405	600,521
Different girls completing ²	607,636	681,195	680,289	673,430	688,931	743,869
Total completing.....	1,084,801	1,224,727	1,208,410	1,195,097	1,229,336	1,344,390
Projects started.....	3,103,625	3,577,519	3,420,733	3,316,697	3,269,804	3,486,902
Projects completed (total).....	2,298,060	2,655,334	2,565,330	2,498,408	2,464,364	2,620,656
Corn.....	63,307	66,179	74,862	75,639	81,665	92,122
Other cereals.....	5,708	4,828	5,730	6,505	7,068	8,966
Peanuts.....	19,003	18,853	15,485	12,873	10,681	10,956
Soybeans, field peas, alfalfa, and other legumes.....	6,459	6,201	7,088	6,272	6,544	7,980
Potatoes: Irish and sweet.....	33,877	43,752	40,623	40,052	38,222	37,697
Cotton.....	17,767	16,064	17,842	20,008	20,545	23,676
Tobacco.....	6,865	6,794	9,279	12,912	13,137	13,686
Fruits.....	17,523	15,406	14,854	21,870	20,002	16,378
Home gardens.....	305,946	433,718	398,819	348,147	286,139	264,391
Market gardens, truck, and canning crops.....	12,603	16,309	17,106	15,712	16,624	15,582
Other crops.....	8,583	7,111	7,245	6,871	8,225	9,633
Poultry (including turkeys).....	167,911	219,416	192,958	170,191	162,166	146,463
Dairy cattle.....	61,815	65,797	70,248	74,997	77,470	88,128
Beef cattle.....	51,436	49,318	52,588	63,167	71,969	85,547
Sheep.....	22,813	19,038	18,174	17,771	18,143	18,889
Hogs.....	117,017	163,776	143,570	123,689	128,509	142,503
Other livestock.....	5,403	7,631	9,127	8,892	9,277	6,132
Beautification of home grounds.....	72,776	72,915	71,004	71,164	74,628	83,052
Forestry.....	14,548	9,336	9,598	10,145	13,589	14,965
Wildlife and nature study: rabbits, game, fur animals.....	20,688	18,125	23,022	23,360	27,254	33,927
Agricultural engineering, farm shop, electricity.....	12,981	12,651	12,868	14,785	17,662	27,507
Food selection and preparation.....	283,393	269,281	274,542	285,253	281,222	303,661
Food preservation.....	234,654	287,275	269,930	236,587	211,210	204,641
Health, home nursing, and first aid.....	165,647	154,739	134,169	155,510	164,124	171,400
Clothing.....	323,185	342,193	350,169	357,999	382,792	419,154
Home management.....	31,505	36,062	44,411	45,813	47,596	63,303
Home furnishings and room improvement.....	103,670	103,780	103,953	106,454	113,819	117,013
Home industry, arts, and crafts.....	62,373	50,912	52,647	52,229	60,320	69,260
Junior leadership.....	22,450	21,464	25,683	24,694	25,863	30,041
Miscellaneous.....	26,154	116,410	97,736	88,817	67,899	94,013

¹ 4-H Clubs provide for rural young people training of head, heart, hands, and health.

² Different boys and girls completing is the sum of the individual boys and girls completing one or more projects, in contrast to project completions, which is the sum of all the projects completed by all boys and girls.

Extension Service. Data for 1935-41 in Agricultural Statistics, 1943, table 614.

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