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# Agricultural Statistics, 1970

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## CONTENTS

	Page		Page
Introduction .....	III	VI—Hay, seeds, and minor field crops—Continued	
Weights, measures, and conversion factors .....	VI	Popcorn .....	299
I—Grains:		Peppermint and spearmint .....	300
Food grains:		VII—Cattle, hogs, and sheep:	
Wheat .....	1	Cattle and calves .....	301
Rye .....	16	Hogs .....	314
Rice .....	21	Sheep and lambs .....	325
Feed grains:		Wool .....	338
Corn .....	28	Goats and mohair .....	346
Oats .....	35	Meats and meat products .....	348
Barley .....	41	Hides .....	355
Sorghums .....	50	Livestock index numbers .....	358
Grain consumption .....	48	Animal units .....	358
Feedstuffs .....	55	VIII—Dairy and poultry products:	
II—Cotton, sugar, and tobacco:		Cows and dairy products .....	362
Cotton .....	59	Chickens .....	400
Other fibers .....	73	Turkeys .....	414
Sugar plants and sugar .....	77	Eggs .....	420
Sirups .....	92	IX—Farm resources, income, and expenses:	
Honey and beeswax .....	96	Farm property .....	426
Tobacco .....	100	Population and employment .....	440
III—Oilseeds, fats, and oils:		Farm production and distribution .....	444
Cottonseed .....	114	Prices and income .....	459
Flaxseed .....	118	Costs and expenses .....	477
Peanuts .....	124	X—Taxes, insurance, cooperatives, and credit:	
Soybeans .....	131	Taxes and insurance .....	484
Tung nuts .....	138	Credit and loan programs .....	493
Olive oil .....	137	Rural electrification and telephones .....	515
Margarine .....	139	XI—Stabilization and price-support programs:	
Shortening .....	140	Price support .....	522
Fats and oils .....	141	Allotments and acreage diversion .....	538
IV—Vegetables and melons:		Marketing agreements and orders .....	544
Vegetables and melons .....	151	XII—Agricultural conservation and forestry	
Seasonal groupings of commercial		statistics:	
vegetable crops for fresh market .....	152	Agricultural conservation programs .....	545
Vegetable shipments .....	197	Soil conservation programs .....	550
Vegetable consumption .....	200	Forestry .....	558
Commercial pack .....	203	Turpentine and rosin .....	571
V—Fruits, tree nuts, and beverage crops:		XIII—Consumption and family living:	
Fruits and berries .....	207	Population .....	574
Tree nuts .....	259	Food consumption .....	574
Tea, cacao beans, and coffee .....	263	Food and nutrition programs .....	580
VI—Hay, seeds, and minor field crops:		Prices at retail levels .....	583
Hay .....	266	XIV—Miscellaneous statistics:	
Pasture and range .....	272	Agricultural imports and exports .....	585
Seeds .....	273	Weather statistics .....	599
Rates of seeding .....	283	Commodity futures .....	601
Beans, dry edible .....	284	Fishery statistics .....	603
Peas, dry field .....	291	Refrigeration statistics .....	608
Broomcorn .....	295	Alaska and Hawaii statistics .....	609
Cowpeas .....	296	Index .....	611
Hops .....	297		
Mung beans .....	298		

# Introduction

Agricultural Statistics is published each year to meet the diverse needs for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture. A few tables were prepared in other Government agencies.

The historical series in this volume have been generally limited to data beginning with 1954 or 1955 or the most recent 10 years. However, many of the series carry a reference in the source note to the table in Agricultural Statistics, 1967, where comparable data for earlier years can be found. In the 1967 issue, historical tables showing totals for the United States begin with 1866 for the principal crops and with 1867 for January 1 livestock numbers, and most other basic tables showing national totals begin with 1929, 1934, 1939, or 1944 (livestock and poultry tables 1 year later) depending in part on the relative need for a long series.

These two publications should provide data for enough years to meet the needs of most users.

Agricultural data for Alaska and Hawaii are included in the appropriate tables, where available. Certain statistics for these two States are found in chapter XIV.

U.S. foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Three types of data are included in this volume. Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture, which in many cases are supplemented by a third type of data obtained in census enumerations.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained

by sample surveys of farmers and of people who do business with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revisions as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on acreage, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

For census years, many tables carry both Bureau of the Census totals and Department of Agriculture estimates. Generally, where there are appreciable differences between the Census totals and the Department's final estimates, the processes of checking and revising estimates have indicated that some sources provide more nearly complete information about some items than the Bureau of the Census has been able to obtain. For example, estimates of tobacco are often more precise than Census totals because the estimates are based on actual sales recorded by the USDA Agricultural Stabilization and Conservation Service, and State Departments of Agriculture. Sugarbeet and sugarcane production and acreage estimates are adjusted to quantities actually reported by sugar factories. Check information on peanuts and rice is available from processors for areas sometimes including several States. In a number of other instances allowances have been made for known incompleteness of coverage by the Census Bureau.

For livestock and poultry, the Department's estimates of inventory numbers relate to January 1. Most recent censuses have not enumerated numbers on that date. The 1945 Census was taken as of January 1, but with the trying wartime conditions, was delayed over a considerable length of time in a number of States with the result that reported inventory numbers did not always represent the actual January 1 inventory. The 1950 Census was taken as of April 1, the 1954 and 1959 Censuses were taken in October and November, and the 1964 Census was taken in November and December. These situations have made it necessary to adjust census totals to a January 1 equivalent basis, taking into account changes that occurred between the January 1 date and the actual date of enumeration.

#### DEFINITIONS

"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 and poultry to mean value of the number of head on farms on January 1. It is derived by multiplying the number of head by an estimated value per head as of that date.

The word "Year" (alone) in a column heading means calendar year. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

## WEIGHTS, MEASURES, AND CONVERSION FACTORS

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

The information has been 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 commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been 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 has been 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 weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

## WEIGHTS, MEASURES, AND CONVERSION FACTORS

(See explanatory text just preceding this table)

## WEIGHTS AND MEASURES

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Alfalfa seed.....	Bushel.....	60	Cream, 40-percent butterfat.....	Gallon.....	8.38
	do.....	48	Cucumbers.....	Bushel.....	48
Apples.....	Northwest box <sup>2</sup> .....	44	Dewberries.....	24-quart crate.....	36
	Fiberboard box, cell pack.....	37-44	Eggplant.....	Bushel.....	33
Apricots.....	Lug (Brentwood) <sup>3</sup> .....	24	Eggs, average size.....	Case, 30 dozen.....	47.0
Western.....	4-basket crate <sup>4</sup> .....	26	Escarole.....	Bushel.....	25
Artichokes:			Flaxseed.....	Box, single layer <sup>17</sup> .....	6
Globe.....	½ box.....	20	Figs, fresh.....	Bushel.....	56
Jerusalem.....	Bushel.....	50	Flour, various.....	Bag.....	100
Asparagus.....	Crate.....	30	Grapefruit:		
Avocados.....	Lug <sup>5</sup> .....	12-15	Florida and Texas.....	½-box mesh bag.....	40
Bananas.....	Fiber folding box <sup>6</sup> .....	40	Florida.....	1-3/5-bushel box.....	85
Barley.....	Bushel.....	48	Texas.....	1-2/5-bushel box.....	80
Beans:			California Desert Valleys and Arizona.....	Box <sup>18</sup> .....	19 64
Lima, dry.....	do.....	56		Carton <sup>20</sup> .....	32
Others, dry.....	do.....	60	California, other than Desert Valleys.....	Box <sup>18</sup> .....	67
Lima, unshelled.....	Sack.....	100		Carton <sup>20</sup> .....	33½
Snap.....	Bushel.....	28-32	Grapes:		
Beets:				4-quart climax basket.....	6
Without tops.....	do.....	50	Eastern.....	12-quart basket.....	18-20
Bunched.....	Wirebound crate.....	45		Lug <sup>21</sup> .....	28
Berries, frozen pack:			Western.....	4-basket crate <sup>22</sup> .....	20
Without sugar.....	50-gallon barrel.....	380	Hempseed.....	Bushel.....	44
3+1 pack.....	do.....	425	Hickory nuts.....	do.....	50
2+1 pack.....	do.....	450	Honey.....	Gallon.....	11.84
Blackberries.....	24-quart crate.....	36	Honeydew melons.....	Jumbo crate <sup>23</sup> .....	44
Bluegrass seed.....	Bushel.....	14-30	Hops.....	Bale, gross.....	200
Broccoli.....	Wirebound crate.....	20-25	Horseradish roots.....	Bushel.....	35
Broomcorn (6 bales per ton).....	Bale.....	333	Hungarian millet seed.....	Barrel.....	100
Broomcorn seed.....	Bushel.....	44-50	Kale.....	Bushel.....	48 and 50
Brussels sprouts.....	Drums.....	25	do.....	do.....	18
Buckwheat.....	Bushel.....	48	Kapok seed.....	do.....	35-40
Butter.....	Box.....	64	Lard.....	Tierce.....	375
	Open mesh bag.....	50	Lemons:		
Cabbage.....	Wirebound crate <sup>7</sup> .....	50	California and Arizona.....	Box <sup>19</sup> .....	10 76
	Western crate <sup>8</sup> .....	80		Carton <sup>20</sup> .....	38
Cantaloups.....	Jumbo crate <sup>9</sup> .....	83	Lentils.....	Bushel.....	60
Carrots:			Lettuce.....	Fiberboard box, carton.....	38-55
Without tops.....	Bushel.....	50	Lettuce, hothouse.....	24-quart basket.....	10
	Open mesh bag.....	50	Limes (Florida).....	Box.....	80
Castor beans.....	Bushel.....	41	Linseed oil.....	Gallon.....	19 7.7
Castor oil.....	Gallon.....	19 8	Malt.....	Bushel.....	34
	W. G. A. crate.....	50-60	Maple sirup.....	Gallon.....	11.03
	Fiberboard box, wrapper leaves removed, film-wrapped, 2 layers.....	23-35	Meadow fescue seed.....	Gallon.....	8.6
Cauliflower.....	Crate <sup>11</sup> .....	60	Milk.....	Bushel.....	48-50
	Lug (Campbell) <sup>12</sup> .....	16	Molasses, edible.....	Gallon.....	11.72
Celery.....	Lug.....	20	Molasses, inedible.....	do.....	11.74
Cherries.....	Bushel.....	60	Mustard seed.....	Bushel.....	58-60
Clover seed.....			Oats.....	do.....	32
Corn:			Olives.....	Lug <sup>21</sup> .....	25-30
Ear, husked.....	Bushel.....	13 70	Olive oil.....	Gallon.....	19 7.6
Shelled.....	do.....	56	Onions, dry.....	Sack.....	50
Meal.....	do.....	50	Onions, green bunched.....	Crate.....	60-65
Oil.....	Gallon.....	10 7.7	Onion sets.....	Bushel.....	28-32
Sirup.....	do.....	11 7.2	Oranges:		
	Mesh or paper bag.....	45-50	Florida and Texas.....	½-box mesh bag.....	45
Sweet.....	Wirebound crate.....	40-60		Box <sup>25</sup> .....	90
	Bale, gross.....	14 500	California and Arizona.....	Box <sup>18</sup> .....	19 75
Cotton.....	Bale, net.....	14 480		Carton <sup>20</sup> .....	37½
	Bushel.....	15 32			
Cottonseed.....	Gallon.....	10 7.7			
Cottonseed oil.....	Bushel.....	60			
Cowpeas.....	Bushel.....	100			
Cranberries.....	Barrel.....	100			
	¼-barrel box <sup>16</sup> .....	25			

See footnotes on page IX.

AGRICULTURAL STATISTICS, 1970

VII

WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Orchardgrass seed	Bushel	14	Shallots	Crate (4-7 doz. bunches)	20-35
Palm oil	Gallon	<sup>10</sup> 7.7	Sorgo:		
Parsnips	Bushel	50	Seed	Bushel	50
	do	48	Sirup	Gallon	11.55
Peaches	Lug box <sup>21</sup>	20	Sorghum grain <sup>20</sup>	Bushel	56
	California fruit box	<sup>26</sup> 18	Soybeans	do	60
Peanut oil	Gallon	<sup>10</sup> 7.7	Soybean oil	Gallon	<sup>10</sup> 7.7
Peanuts, unshelled:			Spelt	Bushel	40
Virginia type	Bushel	17	Spinach	do	18-20
Runners, southeastern	do	21	Strawberries	24-quart crate	36
Spanish				12-pint crate	9-11
Southeastern	do	25	Sudangrass seed	Bushel	40
Southwestern	do	25	Sugarcane sirup		
Pears:			(sulfured or unsulfured)	Gallon	11.45
California	do	48	Sunflower seed	Bushel	24 and 32
Other	do	50		do	<sup>31</sup> 55
Western	Box <sup>27</sup>	46	Sweetpotatoes	Crate	50
Peas:			Tangerines, Florida	4/5-bushel box	47½
Green, unshelled	Bushel	28-30	Timothy seed	Bushel	45
Dry	do	60	Tobacco:		
	do	25-30	Maryland	Hogshead	775
Peppers, green	Fiberboard carton	30-34	Flue-cured	do	950
Perilla seed	Bushel	37-40	Burley	do	975
Pineapples	Crate <sup>28</sup>	70	Dark air-cured	do	1,150
Plums and prunes:			Virginia fire-cured	do	1,350
California	4-basket crate <sup>29</sup>	28-34	Kentucky and Tennessee fire-cured	do	1,500
Other	½-bushel basket	28	Cigar-leaf	Case	250-365
Popcorn:				Bale	150-175
On ear	Bushel	<sup>18</sup> 70	Tomatoes	Crate	60
Shelled	do	56	Lug box <sup>21</sup>	do	32
Poppy seed	do	46	2-layer flat	do	21
			12-quart basket	Gallon	20
	Bushel	60			<sup>10</sup> 7.8
Potatoes	Barrel	165	Turnips:		
	Bag	50	Without tops	Mesh sack	50
	do	100	Bunched	Crate <sup>8</sup>	70-80
Quinces	Bushel	48	Turpentine	Gallon	7.23
Rapeseed	do	50 and 60	Velvetbeans (hulled)	Bushel	60
Raspberries	24-quart crate	36	Vetch	do	60
Redtop seed	Bushel	50 and 60	Walnuts	do	50
Refiner's sirup	Gallon	11.45	Water, 60° F	Gallon	8.33
Rice:			Watermelons	Melons of average or medium size	25
Rough	Bushel	45		Bushel	60
	Bag	100	Wheat	Short ton	2,000
	Barrel	162	Various commodities	Long ton	2,240
Milled	Pocket or bag	100			
Rosin	Drum, net	520			
Rutabagas	Bushel	56			
Rye	do	56			
Sesame seed	do	46			

See footnotes on page IX.

## 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 case canned <sup>32</sup>	1.4 bushels fresh
Applesauce	do <sup>32</sup>	1.2 bushels fresh
Apricots	1 pound dried	6 pounds fresh
Barley	1 metric ton <sup>33</sup>	45.9296 bushels
Barley flour	100 pounds	4.59 bushels barley
Beans, lima	1 pound shelled	2 pounds unshelled
Beans, snap or wax	1 case canned <sup>34</sup>	0.008 ton fresh
Buckwheat flour	100 pounds	3.47 bushels buckwheat
Calves	1 pound live weight	0.557 pound dressed weight (1954-63 average)
Cattle	do.	0.561 pound dressed weight (1954-63 average)
Cane sirup	1 gallon	5 pounds sugar
Cherries, sour	1 case canned <sup>32</sup>	0.023 ton fresh
Chickens	1 pound live weight	0.72 pound ready-to-cook weight
Corn	1 metric ton <sup>33</sup>	39.368 bushels
Corn, shelled	1 bushel (56 lbs.)	2 bushels (70 pounds) of husked ear corn
Corn, sweet	1 case canned <sup>34</sup>	0.030 ton fresh
Cornmeal:		
Degermed	100 pounds	3.16 bushels corn, beginning 1946
Nondegermed	do.	2 bushels corn, beginning 1946
Cotton	1 pound ginned	3.28 pounds seed cotton, including trash <sup>35</sup>
Cottonseed meal	1 pound	2.10 pounds cottonseed
Cottonseed oil	do.	5.88 pounds cottonseed
Dairy products:		
Butter	do.	21.1 pounds milk
Cheese	do.	10 pounds milk
Condensed milk, whole	do.	2.3 pounds milk
Dry cream	do.	19 pounds milk
Dry milk, whole	do.	7.6 pounds milk
Evaporated milk, whole	do.	2.14 pounds milk
Malted milk	do.	2.6 pounds milk
Nonfat dry milk	do.	11 pounds liquid skim milk
Ice cream <sup>36</sup>	1 gallon	15 pounds milk
Ice cream <sup>36</sup> (eliminating fat from butter and concentrated milk)	do.	12 pounds milk
Eggs	1 case	47 pounds
Eggs, shell	do.	39.5 pounds frozen or liquid whole eggs
Do.	do.	10.3 pounds dried whole eggs
Figs	1 pound dried	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed	1 bushel	About 2½ gallons oil
Grapefruit, Florida	1 case canned juice <sup>34</sup>	0.64 box fresh fruit
Hogs	1 pound live weight	0.579 pound dressed weight, excluding lard (1954-63 average)
Linseed meal	1 pound	1.51 pounds flaxseed
Linseed oil	do.	2.77 pounds 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	3-1/3 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.	2.78 pounds unshelled
Improved	do.	2.50 pounds unshelled
Pignolias	do.	1.3 pounds unshelled
Pistachios	do.	2 pounds unshelled
Walnuts:		
Black	do.	5.88 pounds unshelled
Persian (English)	do.	2.67 pounds unshelled
Oats	1 metric ton <sup>33</sup>	68.8944 bushels
Oatmeal	100 pounds	7.6 bushels oats, beginning 1943
Oranges, Florida	1 case canned juice <sup>34</sup>	0.53 box fresh
Peaches, California, freestone	1 pound dried	5¼ 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
Peaches, clingstone	1 case canned <sup>32</sup>	1 bushel fresh
Do.	do.	0.0230 ton fresh
Peanuts	1 pound shelled	1½ pounds unshelled
Pears	1 pound dried	6½ pounds fresh
Pears, Bartlett	1 case canned <sup>32</sup>	1.1 bushels fresh
Do.	do.	0.026 ton fresh

See footnotes on page IX.



CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green.....	1 pound shelled.....	2½ pounds unshelled
Do.....	1 case canned <sup>34</sup> .....	0.009 ton fresh (shelled)
Prunes.....	1 pound dried.....	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins.....	1 pound.....	4.3 pounds fresh grapes
Rice, milled (excluding brewers).....	100 pounds.....	152 pounds rough or unhulled rice
Rye.....	1 metric ton <sup>33</sup> .....	39,368 bushels
Rye flour.....	100 pounds.....	2.23 bushels rye, beginning 1947
Sheep and lambs.....	1 pound live weight.....	0.482 pound dressed weight (1954-63 average)
Soybeans.....	1 metric ton <sup>33</sup> .....	36,7437 bushels
Soybean meal.....	1 pound.....	1.27 pounds soybeans
Soybean oil.....	do.....	5.49 pounds soybeans
Sugar.....	1 ton raw.....	0.9346 ton refined
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes.....	1 case canned <sup>34</sup> .....	0.018 ton fresh
Turkeys.....	1 pound live weight.....	0.80 pound ready-to-cook weight
Wheat.....	1 metric ton <sup>33</sup> .....	36,7437 bushels
Wheat flour.....	100 pounds.....	2.30 bushels wheat <sup>37</sup>
Wool, domestic apparel shorn.....	1 pound greasy.....	0.48 pound scoured
Wool, domestic apparel pulled.....	do.....	0.73 pound scoured

<sup>1</sup> 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 sweetpotatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup> Approximate inside dimensions, 10½ by 11½ by 18 inches.  
<sup>3</sup> Approximate inside dimensions, 4¾ by 12¾ by 16¾ inches.  
<sup>4</sup> Approximate inside dimensions, 4½ by 16 by 16¾ inches.  
<sup>5</sup> Approximate dimensions, 4½ by 13½ by 16¾ inches.  
<sup>6</sup> Approximate inside dimensions, 13 by 12 by 32.  
<sup>7</sup> Inside dimensions vary. Common sizes are 13 by 13 by 22½ inches, and 13 by 15½ by 23 inches.  
<sup>8</sup> Approximate inside dimensions, 13 by 18 by 21¾ inches.  
<sup>9</sup> Approximate inside dimensions, 13 by 13 by 22½ inches.  
<sup>10</sup> This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

<sup>11</sup> Approximate inside dimensions, 9¾ by 16 by 20 inches.  
<sup>12</sup> Approximate inside dimensions, 4¾ by 11½ by 14 inches.  
<sup>13</sup> 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.

<sup>14</sup> For statistical purposes the bale of cotton is 500 pounds 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.

<sup>15</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>16</sup> Approximate inside dimensions, 9¾ by 10½ by 15 inches.  
<sup>17</sup> Approximate inside dimensions, 1¾ by 11 by 16¾ inches.  
<sup>18</sup> Approximate inside dimensions, 11½ by 11½ by 24 inches.  
<sup>19</sup> In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the ½-box carton as the container used.

<sup>20</sup> Approximate inside dimensions, 10¼ by 10¼ by 16¾ inches for oranges or lemons, and 9¾ by 10¼ by 16¾ inches for grapefruit.

<sup>21</sup> Approximate inside dimensions, 5¾ by 13½ by 16¾ inches.  
<sup>22</sup> Approximate inside dimensions, 4¾ by 16 by 16¾ inches.  
<sup>23</sup> Approximate inside dimensions, 7¾ by 16 by 21¾ inches.  
<sup>24</sup> Approximate inside dimensions, 9¾ by 13 by 25 inches.  
<sup>25</sup> Approximate inside dimensions, 12 by 12 by 24 inches.  
<sup>26</sup> Approximate inside dimensions vary. Common size is 4¾ by 11½ by 16¾ inches.  
<sup>27</sup> Approximate inside dimensions, 8¾ by 11½ by 18 inches.  
<sup>28</sup> Approximate inside dimensions, 12 by 10½ by 33 inches.

<sup>29</sup> Inside dimensions vary. Ranges from 4 by 16 by 16¾ inches to 6 by 16 by 16¾ inches.  
<sup>30</sup> Includes both sorghum grain (kafr, milo, hegari, etc.) and sweet sorghum varieties.  
<sup>31</sup> 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.

<sup>32</sup> Case of 24 No. 2½ cans.  
<sup>33</sup> 1 metric ton is equivalent to 2,204.6 pounds.  
<sup>34</sup> Case of 24 No. 303 cans.  
<sup>35</sup> Varies widely by method of harvesting.

<sup>36</sup> 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.

<sup>37</sup> This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. 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; 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.31 bushels; and Nov. 1946-June 1957, 4.57 bushels.



## CHAPTER I

### STATISTICS OF GRAIN

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of acreage, production, farm disposition, prices, farm value, stocks, foreign production and trade, and price-support operations. The United States tables on acreage, yield, production, value, and foreign trade for the most part extend back to 1954. Data on earlier years are available from the 1967 Agricultural Statistics. Estimates in greater detail are published regularly by the Crop Reporting Board for commodities treated in this chapter. Tables on popcorn are placed in chapter VI with "minor field crops."

Data on shipments of specified corn products by the wet-process industry are not available after 1967, and the table has been dropped.

**Table 1.—Wheat: Acreage, yield, production, value, and foreign trade, United States, 1954-69**

Year	Acreage seeded <sup>1</sup>	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>(2)</sup>	Farm value	Average price per bushel, year beginning July, at—		Foreign trade, including flour, year beginning July <sup>5</sup>	
							Kansas City <sup>3</sup>	Minneapolis <sup>4</sup>	Domes-tic ex-ports <sup>6</sup>	Imports for con-sump-tion <sup>7</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1954 <sup>8</sup>		<i>51,362</i>	<i>17.7</i>	<i>908,928</i>						
1954	62,539	54,356	18.1	983,900	2.12	2,082,485	2.37	2.68	274,758	5,052
1955	58,246	47,290	19.8	935,094	1.98	1,858,518	2.18	2.48	342,857	9,836
1956	60,655	49,768	20.2	1,005,397	1.97	1,976,239	2.21	2.42	536,960	7,660
1957	49,843	43,754	21.8	955,740	1.93	1,848,437	2.15	2.40	383,828	10,843
1958	56,017	53,047	27.5	1,457,435	1.75	2,543,688	1.94	2.24	422,404	8,154
1959		<i>49,567</i>	<i>21.3</i>	<i>1,055,925</i>						
1959	56,706	51,716	21.6	1,117,735	1.76	1,969,546	2.00	2.26	485,210	7,408
1960	54,906	51,879	26.1	1,354,709	1.74	2,361,212	1.94	2.16	631,138	8,138
1961	55,707	51,571	23.9	1,232,359	1.83	2,254,675	2.05	2.41	684,741	5,523
1962	49,274	43,688	25.0	1,091,958	2.04	2,225,738	2.25	2.47	603,717	5,143
1963	53,364	45,506	25.2	1,146,821	1.85	2,125,315	1.94	2.34	815,743	3,587
1964		<i>47,958</i>	<i>25.4</i>	<i>1,217,792</i>						
1964	55,672	49,762	25.8	1,283,371	1.37	1,756,969	1.57	1.79	684,874	843
1965	57,361	49,560	26.5	1,315,613	1.35	1,774,537	1.61	1.86	832,311	547
1966	54,395	49,867	26.3	1,311,702	1.63	2,140,655	1.85	2.01	712,786	1,292
1967	67,796	58,771	25.9	1,522,382	1.39	2,110,197	1.59	1.83	735,573	461
1968	62,486	55,262	28.5	1,576,251	1.24	1,950,462	1.46	1.76	519,043	485
1969 <sup>9</sup>	54,312	47,555	30.7	1,458,872	1.23	1,786,156				

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.

<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> No. 2 Hard and Dark Hard Winter; computed by weighting selling prices by number of carlots sold, as reported in the Kansas City Grain Market Review.

<sup>4</sup> No. 1 Dark Northern Spring; computed by weighting selling prices by number of carlots sold, as reported in the Minneapolis Daily Market Record.

<sup>5</sup> Compiled from reports of the U.S. Department of Commerce. Wheat flour converted to grain equivalent on the following basis: 1954 to June 30, 1957, 2.33; July 1, 1957 to June 30, 1964, 2.30; and July 1, 1964 to date, 2.28 bushels of flour to 100 pounds of flour.

<sup>6</sup> Includes flour milled from imported wheat. Excludes exports for relief or charity by individuals and private agencies.

<sup>7</sup> Includes wheat imported for milling in bond and subsequent export.

<sup>8</sup> Excludes some minor producing States and parts of other States where wheat was not asked separately.

<sup>9</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 1.

Table 2.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, 1967–69

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	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
New York.....	268	230	196	250	212	182	10,000	8,480	7,280	1.31	1.17	1.19
New Jersey.....	61	56	48	50	43	34	1,950	1,505	1,292	1.33	1.24	1.24
Pennsylvania.....	505	414	344	480	394	327	17,280	12,608	11,608	1.31	1.14	1.26
North Atlantic.....	834	700	588	780	649	543	29,230	22,593	20,180	.....	.....	.....
Ohio.....	1,549	1,270	1,105	1,514	1,226	1,067	51,476	45,362	39,479	1.31	1.14	1.16
Indiana.....	1,267	1,039	956	1,237	977	899	45,769	34,195	35,061	1.29	1.12	1.14
Illinois.....	1,897	1,461	1,359	1,845	1,384	1,301	71,955	49,824	48,137	1.39	1.21	1.18
Michigan.....	1,133	918	679	1,120	885	628	40,320	31,860	25,120	1.26	1.07	1.13
Wisconsin.....	67	62	47	63	60	44	2,358	2,144	1,514	1.37	1.09	1.14
Minnesota.....	1,062	1,077	852	1,052	1,031	838	33,795	33,953	24,607	1.52	1.39	1.44
Iowa.....	65	52	52	60	51	43	1,650	1,836	1,376	1.43	1.23	1.15
Missouri.....	1,912	1,434	1,190	1,682	1,278	1,035	53,824	42,174	33,120	1.41	1.19	1.16
North Dakota.....	8,170	8,120	6,938	7,962	7,898	6,782	180,258	212,756	203,561	1.51	1.39	1.37
South Dakota.....	2,711	2,524	2,184	2,637	2,418	1,963	73,892	65,729	42,915	1.40	1.31	1.34
Nebraska.....	3,583	3,332	2,999	3,325	3,159	2,717	88,112	101,088	85,586	1.32	1.17	1.13
Kansas.....	13,146	11,963	10,767	11,081	9,751	9,849	221,620	253,526	305,319	1.35	1.22	1.16
North Central.....	36,562	33,252	29,128	33,578	30,118	27,166	865,029	874,447	845,795	.....	.....	.....
Delaware.....	29	26	22	28	24	20	1,064	768	760	1.26	1.10	1.19
Maryland.....	165	145	126	153	132	117	5,967	4,224	4,563	1.23	1.14	1.21
Virginia.....	213	190	175	194	169	157	6,790	5,746	6,751	1.41	1.20	1.23
West Virginia.....	24	19	17	20	18	14	660	456	420	1.49	1.23	1.26
North Carolina.....	281	247	227	239	220	198	7,409	8,580	8,316	1.47	1.22	1.21
South Carolina.....	120	110	88	112	104	82	3,024	3,016	3,034	1.54	1.24	1.24
Georgia.....	148	130	98	130	114	86	3,380	3,192	2,924	1.52	1.21	1.27
Florida.....	50	65	54	40	54	43	960	1,350	1,204	1.54	1.27	1.22
South Atlantic.....	1,030	932	807	916	833	717	29,254	27,332	27,972	.....	.....	.....
Kentucky.....	300	276	243	231	208	183	7,854	6,240	6,222	1.38	1.22	1.20
Tennessee.....	328	321	273	294	273	224	8,526	7,371	7,168	1.46	1.24	1.25
Alabama.....	130	144	114	112	111	79	2,688	2,775	2,252	1.49	1.20	1.21
Mississippi.....	562	495	153	462	416	125	13,860	11,232	3,875	1.44	1.14	1.15
Arkansas.....	705	656	380	661	568	301	18,838	14,200	9,030	1.41	1.16	1.15
Louisiana.....	165	165	82	100	96	38	2,600	2,112	874	1.45	1.20	1.17
Oklahoma.....	6,480	6,091	5,299	5,217	5,321	4,150	88,689	122,383	118,275	1.47	1.25	1.20
Texas.....	5,578	4,909	4,124	3,326	3,825	2,869	53,216	84,150	68,856	1.46	1.26	1.24
South Central.....	14,248	13,057	10,668	10,403	10,818	7,969	196,271	250,463	216,552	.....	.....	.....
Montana.....	4,825	4,722	3,809	4,734	4,550	3,645	119,136	125,869	96,794	1.29	1.16	1.21
Idaho.....	1,398	1,338	1,166	1,300	1,236	1,051	57,550	56,364	47,982	1.32	1.15	1.24
Wyoming.....	351	327	294	310	281	242	8,564	8,511	4,884	1.22	1.04	1.08
Colorado.....	3,349	3,140	3,115	1,945	2,019	2,145	38,029	40,354	45,045	1.24	1.12	1.10
New Mexico.....	372	339	288	141	305	159	3,948	7,625	5,088	1.37	1.25	1.30
Arizona.....	55	57	81	50	52	73	2,450	2,704	4,526	1.52	1.32	1.49
Utah.....	288	276	242	279	261	229	8,649	7,490	6,072	1.40	1.26	1.30
Nevada.....	19	16	13	18	13	11	1,140	631	630	1.39	1.29	1.39
Washington.....	3,002	2,875	2,890	2,922	2,766	2,462	118,464	108,975	95,242	1.42	1.29	1.26
Oregon.....	1,080	1,045	834	1,045	982	788	32,950	30,162	30,030	1.42	1.28	1.27
California.....	383	410	389	350	379	355	11,718	12,731	12,080	1.45	1.36	1.45
Western.....	15,122	14,545	13,121	13,094	12,844	11,160	402,598	401,416	348,373	.....	.....	.....
United States.....	67,796	62,486	54,312	58,771	55,262	47,555	1,522,382	1,576,251	1,458,872	1.39	1.24	1.23

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.<sup>2</sup> Preliminary.<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 3.—Wheat, by groups: Acreage and production, by States, 1967–69

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
Winter wheat									
	<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 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
New York.....	268	230	196	250	212	182	10,000	8,480	7,280
New Jersey.....	61	56	48	50	43	34	1,950	1,505	1,292
Pennsylvania.....	505	414	344	480	394	327	17,280	12,608	11,608
North Atlantic.....	834	700	588	780	649	543	29,230	22,593	20,180
Ohio.....	1,549	1,270	1,105	1,514	1,226	1,067	51,476	45,362	39,479
Indiana.....	1,267	1,039	956	1,237	977	899	45,769	34,195	35,061
Illinois.....	1,897	1,461	1,359	1,845	1,384	1,301	71,955	49,824	48,137
Michigan.....	1,133	918	679	1,120	885	628	40,320	31,860	25,120
Wisconsin.....	48	44	33	45	43	31	1,800	1,634	1,085
Minnesota.....	30	33	22	29	27	20	870	729	520
Iowa.....	65	52	52	60	51	43	1,650	1,836	1,376
Missouri.....	1,912	1,434	1,190	1,682	1,278	1,035	53,824	42,174	33,120
North Dakota.....	75	112	110	65	90	96	1,950	2,430	2,448
South Dakota.....	875	779	740	831	723	622	29,916	26,028	15,861
Nebraska.....	3,563	3,332	2,999	3,325	3,159	2,717	88,112	101,088	85,586
Kansas.....	13,146	11,963	10,767	11,081	9,751	9,849	221,620	253,526	305,319
North Central.....	25,580	22,437	20,012	22,834	19,594	18,308	609,262	590,686	593,112
Delaware.....	29	26	22	28	24	20	1,064	768	760
Maryland.....	165	145	126	153	132	117	5,967	4,224	4,563
Virginia.....	213	190	175	194	169	157	6,790	5,746	6,751
West Virginia.....	24	19	17	20	16	14	660	456	420
North Carolina.....	281	247	227	239	220	198	7,409	8,580	8,316
South Carolina.....	120	110	88	112	104	82	3,024	3,016	3,034
Georgia.....	148	130	98	130	114	86	3,380	3,192	2,924
Florida.....	50	65	54	40	54	43	960	1,350	1,204
South Atlantic.....	1,030	932	807	916	833	717	29,254	27,332	27,972
Kentucky.....	300	276	243	231	208	183	7,854	6,240	6,222
Tennessee.....	328	321	273	294	273	224	8,526	7,371	7,168
Alabama.....	130	144	114	112	111	79	2,688	2,775	2,252
Mississippi.....	562	495	153	462	416	125	13,860	11,232	3,875
Arkansas.....	705	656	380	661	568	301	18,838	14,200	9,030
Louisiana.....	165	165	82	100	96	38	2,600	2,112	874
Oklahoma.....	6,480	6,091	5,299	5,217	5,321	4,150	88,689	122,383	118,275
Texas.....	5,578	4,909	4,124	3,326	3,825	2,869	53,216	84,150	68,856
South Central.....	14,248	13,057	10,668	10,403	10,818	7,969	196,271	250,463	216,552
Montana.....	2,877	2,877	2,445	2,807	2,751	2,311	84,210	86,656	60,086
Idaho.....	1,091	1,080	929	1,000	990	822	43,000	45,540	36,990
Wyoming.....	318	296	266	281	256	220	7,868	7,936	4,400
Colorado.....	3,304	3,106	3,075	1,916	1,993	2,113	37,362	39,860	44,373
New Mexico.....	372	339	288	141	305	159	3,948	7,625	5,088
Arizona.....	55	57	81	50	52	73	2,450	2,704	4,526
Utah.....	246	236	208	238	224	197	6,783	5,936	4,728
Nevada.....	12	12	6	12	10	5	840	550	300
Washington.....	2,783	2,755	2,590	2,709	2,655	2,177	113,778	106,200	89,257
Oregon.....	1,000	980	774	975	926	732	31,200	28,706	28,182
California.....	377	403	383	344	372	350	11,352	12,276	11,900
Western.....	12,435	12,141	11,045	10,473	10,534	9,159	342,791	343,989	289,830
United States.....	54,127	49,267	43,120	45,406	42,428	36,696	1,206,808	1,235,063	1,147,646
Durum wheat <sup>3</sup>									
	<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 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Minnesota.....	64	95	90	63	92	88	2,205	3,128	2,552
North Dakota.....	2,353	3,012	2,831	2,287	2,927	2,781	54,888	83,420	91,773
South Dakota.....	160	186	244	158	179	234	4,424	4,833	4,914
Montana.....	243	379	235	240	365	230	4,560	7,665	6,900
California.....	6	7	6	6	7	5	366	455	180
United States.....	2,826	3,679	3,406	2,754	3,570	3,338	66,443	99,501	106,319

See footnotes at end of table.

Table 3.—Wheat, by groups: Acreage and production, by States, 1967–69—Continued

State and division	Other spring wheat								
	Acreage seeded			Acreage harvested			Production		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
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	
Wisconsin.....	19	18	14	18	17	13	558	510	429
Minnesota.....	968	949	740	960	912	730	30,720	30,096	21,535
North Dakota.....	5,742	4,996	3,997	5,610	4,881	3,905	123,420	126,906	109,340
South Dakota.....	1,676	1,559	1,200	1,648	1,516	1,107	39,552	34,868	22,140
North Central.....	8,405	7,522	5,951	8,236	7,326	5,755	194,250	192,380	153,444
Montana.....	1,705	1,466	1,129	1,687	1,434	1,104	30,366	31,548	29,808
Idaho.....	307	258	237	300	246	229	14,550	10,824	10,992
Wyoming.....	33	31	28	29	25	22	696	575	484
Colorado.....	45	34	40	29	26	32	667	494	672
Utah.....	42	40	34	41	37	32	1,866	1,554	1,344
Nevada.....	7	4	7	6	3	6	300	81	330
Washington.....	219	120	300	213	111	285	4,686	2,775	5,985
Oregon.....	80	65	60	70	56	56	1,750	1,456	1,848
Western.....	2,438	2,018	1,835	2,375	1,938	1,766	54,881	49,307	51,463
United States.....	10,843	9,540	7,786	10,611	9,264	7,521	249,131	241,687	204,907

<sup>1</sup> Acreage seeded in preceding fall for winter wheat.

<sup>2</sup> Preliminary.

<sup>3</sup> Small additional quantities of durum wheat are grown in other than the States shown here but are included with "other spring" wheat.

Statistical Reporting Service.

Table 4.—Wheat, by groups: Acreage, yield, and production, United States, 1960–69

Year	Acreage seeded <sup>1</sup>	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production	Acreage seeded <sup>2</sup>	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production
	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels
1960.....	54,906	51,879	24.7	26.1	1,354,709	42,725	40,027	26.0	27.8	1,111,403
1961.....	55,707	51,571	22.1	23.9	1,232,359	43,489	40,754	24.7	26.4	1,074,807
1962.....	49,274	43,688	22.2	25.0	1,091,958	38,895	33,734	21.2	24.4	822,887
1963.....	53,364	45,506	21.5	25.2	1,146,821	42,289	34,807	21.6	26.3	914,090
1964.....	55,672	49,762	23.1	25.8	1,283,371	43,632	38,075	23.4	26.8	1,020,987
1965.....	57,381	49,560	22.9	26.5	1,315,613	45,142	37,586	22.5	27.1	1,017,085
1966.....	54,395	49,867	24.1	26.3	1,311,702	42,974	38,816	24.7	27.4	1,082,493
1967.....	67,795	58,771	22.5	25.9	1,522,382	54,127	45,406	22.3	26.6	1,206,808
1968.....	62,486	55,262	25.2	28.5	1,576,251	49,267	42,428	25.1	29.1	1,235,063
1969 <sup>3</sup> .....	54,312	47,555	26.9	30.7	1,458,872	43,120	36,696	26.6	31.3	1,147,646
	Durum wheat <sup>4</sup>					Other spring wheat <sup>5</sup>				
	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels
1960.....	1,681	1,650	20.4	20.8	34,361	10,500	10,202	19.9	20.5	208,945
1961.....	1,788	1,624	11.9	13.1	21,339	10,430	9,193	13.1	14.8	136,213
1962.....	2,434	2,367	28.9	29.7	70,260	7,945	7,587	25.0	26.2	198,811
1963.....	2,054	1,999	25.0	25.7	51,427	9,021	8,700	20.1	20.8	181,304
1964.....	2,519	2,467	27.1	27.6	68,146	9,521	9,220	20.4	21.1	194,238
1965.....	2,361	2,296	29.6	30.4	69,866	9,858	9,678	23.2	23.6	223,662
1966.....	2,491	2,423	25.1	25.9	62,638	8,930	8,628	20.9	21.6	186,571
1967.....	2,826	2,754	23.5	24.1	66,443	10,843	10,611	23.0	23.5	249,131
1968.....	3,679	3,570	27.0	27.9	99,501	9,540	9,264	25.3	26.1	241,687
1969 <sup>3</sup> .....	3,406	3,338	31.2	31.9	106,319	7,786	7,521	26.3	27.2	204,907

See footnotes on page 6.

Table 5.—Wheat: Acreage, yield per acre, and production in specified countries, average 1960-64, annual 1968 and 1969<sup>1</sup>

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 metric tons<sup>4</sup></i>	<i>1,000 metric tons<sup>4</sup></i>	<i>1,000 metric tons<sup>4</sup></i>
North America:									
Canada.....	26,797	29,422	24,968	20.1	22.1	27.4	14,651	17,686	18,623
Mexico.....	1,962	1,772	1,767	28.3	37.2	41.6	1,510	1,793	2,000
United States.....	48,481	55,262	47,555	25.2	28.5	30.7	33,254	42,899	39,705
Total <sup>5</sup> .....	77,323	86,550	74,389	23.5	26.5	29.8	49,439	62,412	60,364
South America:									
Argentina.....	11,651	14,423	12,628	22.6	14.6	19.8	7,164	5,740	6,800
Brazil.....	1,015	1,903	2,471	8.6	13.4	16.4	238	693	1,100
Chile.....	2,090	1,856	1,908	21.3	24.3	25.0	1,213	1,214	1,300
Uruguay.....	1,107	1,322	830	14.1	13.1	17.8	424	470	403
Total <sup>5</sup> .....	16,960	20,466	18,837	20.4	15.2	19.5	9,425	8,492	9,975
Europe:									
Austria.....	683	755	708	38.3	50.9	49.3	712	1,045	950
Belgium.....	513	502	492	57.2	61.4	56.8	798	839	761
Denmark.....	299	237	242	59.8	71.9	65.1	487	464	429
Finland.....	598	596	561	25.9	44.1	33.7	422	716	515
France.....	10,459	10,104	9,998	41.8	54.5	53.4	11,906	14,985	14,535
Germany, West.....	3,430	3,618	3,692	50.7	62.9	59.7	4,731	6,198	6,000
Greece.....	2,690	2,538	2,496	23.5	21.9	25.8	1,717	1,515	1,751
Ireland.....	294	222	200	43.9	60.9	59.7	351	368	325
Italy.....	10,996	10,576	10,423	27.6	33.5	33.6	8,259	9,655	9,537
Netherlands.....	326	378	383	66.8	66.0	64.9	593	679	637
Norway.....	21	12	7	38.5	49.0	36.7	22	16	7
Portugal.....	1,754	1,517	1,317	11.0	18.1	10.7	526	747	382
Spain.....	10,251	9,760	9,251	14.8	20.6	18.6	4,120	5,477	4,991
Sweden.....	683	605	652	46.1	64.3	51.8	856	1,059	919
Switzerland.....	257	245	240	49.0	61.0	56.3	343	407	368
United Kingdom.....	2,064	2,417	2,058	58.6	52.7	59.9	3,293	3,469	3,353
Total Western Europe <sup>5</sup> .....	45,366	44,119	42,755	31.7	39.7	38.9	39,181	47,679	45,248
Bulgaria.....	3,057	2,614	2,538	25.2	35.5	36.4	2,100	2,527	2,517
Czechoslovakia.....	1,739	2,469	2,607	35.5	46.9	46.2	1,682	3,153	3,280
Germany, East.....	1,027	1,408	1,458	46.1	62.0	54.6	1,288	2,377	2,165
Hungary.....	2,594	3,281	3,264	26.2	37.5	40.3	1,849	3,352	3,579
Poland.....	3,619	4,660	4,967	28.2	36.8	36.3	2,781	4,670	4,670
Romania.....	7,256	6,961	6,425	19.4	25.6	24.8	3,823	4,848	4,848
Yugoslavia.....	5,135	4,967	4,989	25.9	32.3	35.9	3,618	4,360	4,360
Total Eastern Europe <sup>5</sup> .....	24,710	26,701	26,588	25.6	34.7	35.7	17,240	25,410	25,410
Total Europe <sup>5</sup> .....	70,076	70,820	69,343	29.6	37.9	37.6	56,421	73,089	73,089
U.S.S.R. (Europe and Asia) <sup>6</sup> .....	160,000	166,128	163,827	11.5	16.9	14.6	50,000	76,600	76,600
Asia:									
Iran.....	4,925	11,861	11,367	20.4	13.6	12.6	2,740	4,400	3,900
Iraq.....	3,060	4,965	5,162	8.7	10.1	8.5	726	1,361	1,189
Syria.....	2,750	2,200	9.7	9.7	10.0	.....	728	600	600
Turkey.....	19,243	20,015	20,509	13.3	15.4	14.9	6,940	8,400	8,300
China (Mainland).....	62,500	61,776	58,068	12.7	12.5	14.1	21,600	21,000	22,300
India.....	33,123	37,060	39,432	12.0	16.3	17.4	10,809	16,540	18,652
Japan.....	1,475	796	709	34.4	46.7	39.2	1,381	1,012	758
Korea, Republic of.....	328	389	.....	30.1	32.6	.....	269	345	374
Pakistan.....	12,301	14,977	15,511	12.1	15.9	15.9	4,065	6,477	6,711
Total <sup>5</sup> .....	147,707	160,264	159,791	13.0	14.7	15.4	52,247	64,239	66,867
Africa:									
Algeria.....	4,733	5,630	.....	10.0	10.0	.....	1,290	1,532	.....
United Arab Republic.....	1,440	1,455	.....	38.4	38.4	.....	1,504	1,518	.....
Morocco.....	3,905	4,885	4,359	9.7	18.1	13.6	1,036	2,411	1,613
Tunisia.....	2,611	1,606	1,581	6.1	8.8	8.1	432	383	350
South Africa, Republic of.....	2,851	3,954	4,201	11.1	11.8	11.5	862	1,272	1,320
Total <sup>5</sup> .....	17,542	19,998	19,671	11.9	14.6	13.2	5,680	7,930	7,089

See footnotes at end of table.

**Table 5.—Wheat: Acreage, yield per acre, and production in specified countries, average 1960-64, annual 1968 and 1969<sup>1</sup>—Continued**

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 metric tons<sup>4</sup></i>	<i>1,000 metric tons<sup>4</sup></i>	<i>1,000 metric tons<sup>4</sup></i>
Oceania:									
Australia .....	15,805	26,797	24,200	19.3	20.3	16.7	8,298	14,805	10,995
New Zealand .....	197	313	274	46.3	52.2	43.9	248	445	327
Total .....	16,002	27,110	24,474	19.6	20.7	17.0	8,546	15,250	11,322
World total <sup>5</sup> .....	505,610	551,336	530,332	16.8	20.5	20.2	231,758	308,012	291,866

<sup>1</sup> 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 1969 is combined with preliminary forecasts for the Southern Hemisphere harvests which begin late in 1969 and end early in 1970.

<sup>2</sup> Harvested acreage as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A metric ton is approximately 36.7437 bushels.

<sup>5</sup> Estimated totals include allowances for producing countries not shown.

<sup>6</sup> Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 6.—Wheat: Production, seed used, and farm disposition, United States, 1960-69**

Crop of—	Production	Total used for seed	Disposition on farms where grown			
			Used for seed	Fed to livestock	Home use <sup>1</sup>	Sold from farms
	<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>
1960 .....	1,354,709	64,229	42,183	24,902	976	1,286,648
1961 .....	1,232,359	56,353	37,624	22,364	.....	1,172,371
1962 .....	1,091,958	61,440	36,936	16,087	.....	1,038,935
1963 .....	1,146,821	64,963	40,523	15,242	.....	1,091,056
1964 .....	1,283,371	65,572	41,198	31,422	.....	1,210,751
1965 .....	1,315,613	61,870	39,635	41,678	.....	1,234,300
1966 .....	1,311,702	78,430	46,822	26,089	.....	1,238,791
1967 .....	1,522,382	71,509	46,335	42,886	.....	1,433,161
1968 .....	1,576,251	61,334	39,723	60,834	.....	1,475,694
1969 <sup>2</sup> .....	1,458,872	55,437	35,160	63,680	.....	1,360,032

<sup>1</sup> Ground at the mill for home use or exchanged for flour. Discontinued after 1960.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 6.

FOOTNOTES FOR TABLE 4

<sup>1</sup> All wheat acreage seeded includes winter wheat acreage abandoned and later reseeded to spring wheat for harvest in the same crop year.

<sup>2</sup> Acreage seeded in preceding fall for winter wheat.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes Minnesota, North Dakota, South Dakota, Montana, and California.

<sup>5</sup> Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 2.



Table 7.—Wheat: Production, seed used, and farm disposition, by States, crop of 1969 (preliminary)

State	Production	Total used for seed	Disposition on farms where grown		
			Used for seed	Fed to livestock	Sold from farms
	<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.....	7,280	346	173	1,310	5,797
New Jersey.....	1,292	92	41	90	1,161
Pennsylvania.....	11,608	622	435	3,715	7,458
Ohio.....	39,479	2,018	1,372	5,132	32,975
Indiana.....	35,061	1,581	1,107	4,558	29,396
Illinois.....	48,137	1,826	1,260	2,407	44,470
Michigan.....	25,120	1,182	591	3,894	20,635
Wisconsin.....	1,514	77	50	227	1,237
Minnesota.....	24,607	1,373	343	246	24,018
Iowa.....	1,376	76	53	193	1,130
Missouri.....	33,120	1,760	1,056	4,968	27,096
North Dakota.....	203,561	8,261	4,544	407	198,610
South Dakota.....	42,915	2,212	1,548	815	40,552
Nebraska.....	85,586	2,936	2,290	2,396	80,900
Kansas.....	305,319	8,625	6,986	9,465	288,868
Delaware.....	760	44	26	30	704
Maryland.....	4,563	238	126	684	3,753
Virginia.....	6,751	306	190	1,890	4,671
West Virginia.....	420	32	24	235	161
North Carolina.....	8,316	340	228	2,578	5,510
South Carolina.....	3,034	146	66	394	2,574
Georgia.....	2,924	176	109	643	2,172
Florida.....	1,204	76	32	120	1,052
Kentucky.....	6,222	350	224	560	5,438
Tennessee.....	7,168	411	222	1,649	5,297
Alabama.....	2,252	189	76	518	1,658
Mississippi.....	3,875	306	122	116	3,637
Arkansas.....	9,030	650	247	361	8,422
Louisiana.....	874	140	70	9	795
Oklahoma.....	118,275	4,822	3,375	3,667	111,233
Texas.....	68,856	3,415	2,151	1,377	65,328
Montana.....	96,794	3,024	2,026	1,355	93,413
Idaho.....	47,982	1,193	537	1,679	45,766
Wyoming.....	4,884	206	124	391	4,369
Colorado.....	45,045	1,766	1,324	2,207	41,514
New Mexico.....	5,088	223	145	102	4,841
Arizona.....	4,526	292	44	136	4,346
Utah.....	6,072	275	179	607	5,286
Nevada.....	630	25	8	38	584
Washington.....	95,242	2,347	1,103	1,429	92,710
Oregon.....	30,030	800	336	901	28,793
California.....	12,080	658	197	181	11,702
United States.....	1,458,872	55,437	35,160	63,680	1,360,032

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 and wheat flour: United States imports, 1959–68

Year beginning July	Wheat		Flour (wheat equivalent) <sup>2</sup>	Other products (wheat equivalent) <sup>3</sup>	Total wheat, flour, and other products	Wheat for milling in bond and export as flour
	Suitable for milling <sup>1</sup>	Unfit for human consumption				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1959.....	1,042	5,889	162	211	7,304	310
1960.....	852	6,908	136	184	8,080	220
1961.....	819	4,612	92	203	5,726	7
1962.....	802	4,251	90	208	5,351	0
1963.....	710	2,877	88	246	3,921	0
1964.....	96	747	74	229	1,146	0
1965.....	4	543	103	284	934	0
1966.....	892	400	87	375	1,754	0
1967.....	( <sup>4</sup> )	461	40	438	939	0
1968.....	( <sup>4</sup> )	485	101	484	1,070	0

<sup>1</sup> Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1943-44 and 1944-45 this import restriction was waived.

<sup>2</sup> Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export."

<sup>3</sup> Consist of macaroni, spaghetti and similar products, and semolina.

<sup>4</sup> Less than 500 bushels.

Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 8.

Table 9.—Wheat and wheat flour: United States exports under specified Government programs, 1959–68

Year beginning July	Public Law 480					Mutual security (AID) <sup>4</sup>	Total specified Government programs
	Title I, sales for foreign currency	Title II, disaster relief and other assistance <sup>1</sup>	Title III		Title IV, long-term dollar sales		
			Foreign donations <sup>2</sup>	Barter <sup>3</sup>			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1959.....	300,648	8,569	24,258	25,662	13,140	372,277	
1960.....	327,214	31,141	30,358	34,090	5,345	428,148	
1961.....	379,110	28,218	35,098	41,337	7,286	493,541	
1962.....	407,381	24,911	33,810	6,493	5,684	479,711	
1963 <sup>5</sup> .....	387,925	31,682	37,394	35,167	12,177	504,583	
1964.....	441,431	19,905	36,027	12,441	59,202	569,140	
1965.....	382,550	32,888	33,069	45,522	77,125	571,686	
1966.....	215,152	26,993	22,206	67,300	39,719	372,821	
1967.....	225,310	31,006	18,309	77,001	118,819	471,168	
1968 <sup>6</sup> .....	82,206	38,008	17,202	48,150	111,818	299,120	

<sup>1</sup> Includes emergency relief, economic development, and World Food Program.

<sup>2</sup> Foreign donations are authorized under Sec. 416 of the Agricultural Act of 1949 as amended, and Sec. 302, Title III, P.L. 480.

<sup>3</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation; Title III, P.L. 480; and other legislation.

<sup>4</sup> Sales for foreign currency and economic aid under the Act for International Development, P.L. 87-195, and Mutual Security Acts, P.L. 665 and 165.

<sup>5</sup> Beginning in 1963, includes bulgur and rolled wheat.

<sup>6</sup> Preliminary.

Foreign Agricultural Service. Data for 1954-58 in *Agricultural Statistics, 1967*, table 9.

Table 10.—International Grains Arrangement: Recorded exports of wheat and flour (grain equivalent), crop year 1968-69<sup>1</sup>

Member countries imports	Member countries exports									
	United States	Argentina	Australia	Canada	European Economic Community	Spain	Sweden	Greece	Others <sup>2</sup>	Total
	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels <sup>(3)</sup>	Thousand bushels
Australia			53	289		2				2
Barbados	37								2	381
Bolivia	3,243	3,348		18						6,609
Canada									3	3
Costa Rica	2,936									2,936
Denmark	2			23	189		21		80	315
Dominican Republic	3,943									3,943
Ecuador	2,317			524						2,841
European Economic Community:										
Belgium	4,809	2,022	262	7,414					1	14,508
France	11,885	310	1	4,283					6	16,485
Germany	12,464	37	1,222	13,276					17	27,016
Italy	16,449	16,230	1	13,683		1,806		1,498	1	49,668
Luxembourg							5			5
Netherlands	14,966	3,757	7,026	5,507					31	31,287
Finland	183			639			( <sup>3</sup> )		( <sup>3</sup> )	822
Greece	470			71		1,936			( <sup>3</sup> )	2,477
Guatemala	2,255			26						2,281
India	92,147	4,364	2,811	26,749					745	126,816
Iran	8			5					1	14
Ireland	456		937	1,075	3,944				53	6,465
Israel	10,494			522	13					11,029
Japan	67,161	650	43,023	45,967	876					157,677
Kenya	1								1	2
Korea	54,608		373	1						54,982
Lebanon	1,462		3,166	23	2,595	839			( <sup>3</sup> )	8,085
Libya	292		314		4,725	110		357	6	5,804
Mexico	5									5
Netherlands Territories	990	18		193		2				1,203
Nigeria	5,899			104		65			1	6,069
Norway	466	486	4,224	588	2,541		2,249		799	11,353
Pakistan	17,983		930	( <sup>3</sup> )					( <sup>3</sup> )	18,913
Peru	4,439	13,402	5,705	9						23,555
Portugal	1,465			26	2,545	2,411			( <sup>3</sup> )	6,447
Portuguese Territories	105	426	616	235	2,300	312			55	4,049
Saudi Arabia	3,897		2,212	36	1,158				( <sup>3</sup> )	7,303
Spain	1				267				6	274
Sweden			134	104	1				48	287
Switzerland	2,172	382	107	5,359	3,973		9		( <sup>3</sup> )	12,002
Trinidad and Tobago	2,324		12	825	200				16	3,377
Tunisia	7,615			692	1,395	956				10,658
United Arab Republic	273			603	35,456	12,278	765	1,921	183	51,479
United Kingdom	7,113	4,651	27,978	58,676	31,770	9,859	6,711		432	147,190
United Kingdom Territories	1,404		4,500	2,438	361				795	9,498
United States				475					7	482
Venezuela	23,980			2,663		155			( <sup>3</sup> )	26,798
Total	382,719	50,083	105,607	193,121	94,313	30,727	9,760	3,776	3,289	873,395

<sup>1</sup> Represents exports during July 1968 through June 1969 under the terms of the International Grains Arrangement.

<sup>2</sup> Denmark, 1,513; Finland, 382; Ireland, 50; Japan, 794; Kenya, 1; Norway, 226; and United Kingdom and Territories, 323.

<sup>3</sup> Less than 500 bushels.

Export Marketing Service. Data from International Wheat Council.

Table 11.—Wheat: Supply and disappearance, United States, 1959–69

Year beginning July	Supply						
	Carryover stocks, July 1				Production	Imports <sup>2</sup>	Total supply
	Controlled by CCC		Privately held	Total			
	Owened	Under loan or reseed <sup>1</sup>					
<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>	
1959	1,146.6	96.1	52.4	1,295.1	1,117.7	7.3	2,420.1
1960	1,195.4	92.0	26.0	1,313.4	1,354.7	8.1	2,676.2
1961	1,242.5	125.4	43.4	1,411.3	1,232.4	5.7	2,649.4
1962	1,096.6	95.0	130.4	1,322.0	1,092.0	5.3	2,419.3
1963	1,082.5	96.6	16.1	1,195.2	1,146.8	4.0	2,346.0
1964	828.9	62.6	9.9	901.4	1,283.4	1.1	2,185.9
1965	607.7	74.7	134.9	817.3	1,315.6	.9	2,133.8
1966	262.1	78.3	194.8	535.2	1,311.7	1.7	1,848.6
1967	123.6	77.7	223.7	425.0	1,522.4	.9	1,948.3
1968 <sup>3</sup>	102.3	220.9	216.2	539.4	1,576.2	1.1	2,116.7
1969 <sup>3</sup>	162.7	453.0	202.9	818.6	1,458.9	2.9	2,280.4

  

Year beginning July	Disappearance						
	Domestic use			Exports of wheat, flour, and other products <sup>6</sup>			Total disappearance
	Food <sup>4</sup>	Seed and feed <sup>5</sup>	Total	Under Government programs <sup>7</sup>	For dollars	Total <sup>8</sup>	
				<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1959	497.3	99.6	596.9	374.6	135.2	509.8	1,106.7
1960	497.2	106.2	603.4	457.7	203.8	661.5	1,264.9
1961	501.5	106.5	608.0	491.1	228.3	719.4	1,327.4
1962	500.3	80.0	580.3	485.4	158.4	643.8	1,224.1
1963	503.3	85.2	588.5	503.4	352.7	856.1	1,444.6
1964	509.2	134.4	643.6	567.3	157.7	725.0	1,368.6
1965	515.4	215.8	731.2	569.0	298.4	867.4	1,598.6
1966	501.9	177.4	679.3	372.8	371.5	744.3	1,423.6
1967	519.2	128.6	647.8	471.2	289.9	761.1	1,408.9
1968 <sup>3</sup>	519.8	234.2	754.0	299.1	245.0	544.1	1,298.1

<sup>1</sup> Under loan on July 1 from year-earlier crop and under reseed from previous crops. Includes small quantities sealed under bond in some years.

<sup>2</sup> Includes full-duty wheat, wheat imported for feed, and dutiable flour and macaroni products in terms of wheat. Excludes wheat imported for milling in bond and export as flour.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes shipments to U.S. Territories and wheat for military food use at home and abroad.

<sup>5</sup> Includes quantities of less than one million bushels used annually in distilled spirits and beer. Includes the quantities, "Totals used for seed," shown in table 6. The residual figure, after taking into account these 2 disappearance items, is assumed to roughly approximate total use for feed. The quantities, "Fed on farms where grown," are shown in table 6.

<sup>6</sup> Includes exports of flour and semolina and macaroni products in terms of wheat. Beginning 1961-62, includes bulgur and rolled wheat in terms of wheat.

<sup>7</sup> A breakdown of wheat and flour exports under the various Government programs is shown in table 9.

<sup>8</sup> Adjusted for transshipments of U.S. wheat through Canada, beginning 1961-62.

Economic Research Service. Foreign trade figures from reports of the U.S. Department of Commerce and U.S. Department of Agriculture. Data for 1944-58 in *Agricultural Statistics, 1967*, table 11.

Table 12.—Wheat: Supply and distribution, by classes, United States, 1959–68

Item	Year beginning July									
	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968 <sup>1</sup>
All wheat:	<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>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
Stocks, July 1.....	1,295	1,313	1,411	1,322	1,195	901	817	535	425	539
Production.....	1,118	1,355	1,232	1,092	1,147	1,284	1,316	1,312	1,522	1,577
Imports.....	7	8	6	5	4	1	1	2	1	1
Supply.....	2,420	2,676	2,649	2,419	2,346	2,186	2,134	1,849	1,948	2,117
Exports <sup>2</sup> .....	510	662	719	644	856	725	867	744	761	544
Domestic disappearance <sup>3</sup> .....	597	603	608	580	589	644	732	680	648	754
Stocks, June 30.....	1,313	1,411	1,322	1,195	901	817	535	425	539	819
Hard red winter:										
Stocks, July 1.....	936	1,001	1,104	1,085	936	670	532	267	257	328
Production.....	620	795	754	535	544	635	673	678	706	811
Supply.....	1,556	1,796	1,858	1,620	1,480	1,305	1,205	945	963	1,139
Exports <sup>2</sup> .....	290	432	486	437	562	498	595	377	373	268
Domestic disappearance <sup>3</sup> .....	265	260	287	247	248	275	343	311	262	324
Stocks, June 30.....	1,001	1,104	1,085	936	670	532	267	257	328	547
Soft red winter:										
Stocks, July 1.....	21	10	12	24	5	4	7	8	15	30
Production.....	156	190	202	156	218	223	185	217	274	224
Supply.....	177	200	214	180	223	227	192	225	289	254
Exports <sup>2</sup> .....	40	54	56	41	84	80	45	68	121	50
Domestic disappearance <sup>3</sup> .....	127	134	134	134	135	140	139	142	138	171
Stocks, June 30.....	10	12	24	5	4	7	8	15	30	33
Hard red spring:										
Stocks, July 1.....	251	218	237	187	195	180	200	186	109	129
Production.....	151	188	116	179	168	180	209	177	230	228
Imports.....	7	8	6	5	4	1	1	2	1	1
Supply.....	409	414	359	371	367	361	410	365	340	358
Exports <sup>2</sup> .....	49	32	42	39	48	25	86	120	73	80
Domestic disappearance <sup>3</sup> .....	142	145	130	137	139	136	138	136	138	138
Stocks, June 30.....	218	237	187	195	180	200	186	109	129	140
Durum:										
Stocks, July 1.....	22	18	20	5	46	41	68	54	29	24
Production.....	20	34	21	70	52	68	70	63	66	100
Supply.....	42	52	41	75	98	109	138	117	95	124
Exports <sup>2</sup> .....	1	6	16	4	29	10	34	47	31	46
Domestic disappearance <sup>3</sup> .....	23	26	20	25	28	31	50	41	40	37
Stocks, June 30.....	18	20	5	46	41	68	54	29	24	41
White:										
Stocks, July 1.....	65	66	38	21	13	6	10	420	415	428
Production.....	171	148	139	152	165	178	179	177	246	214
Supply.....	236	214	177	173	178	184	189	197	261	242
Exports <sup>2</sup> .....	130	138	119	123	133	112	107	132	163	100
Domestic disappearance <sup>3</sup> .....	40	38	37	37	39	62	62	50	70	84
Stocks, June 30.....	66	38	21	13	6	10	420	415	428	58

<sup>1</sup> Preliminary.<sup>2</sup> In addition to wheat grain, includes grain equivalent of flour made from U.S. wheat; also, semolina and macaroni in terms of wheat.<sup>3</sup> Wheat for food (including for military use at home and abroad and shipments to U.S. Territories), feed, seed, and industry.<sup>4</sup> Based largely on Pacific Northwest wheat survey, but includes allowance for white wheat in the East and other West.

Table 13.—Wheat: Stocks on and off farms, United States, 1960-69

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
All wheat								
	<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>
1960.....	550,306	421,909	258,090	137,098	1,794,910	1,645,964	1,448,504	1,274,241
1961.....	466,889	359,251	211,852	102,444	1,849,986	1,623,079	1,430,357	1,219,562
1962.....	406,364	316,600	195,353	95,544	1,663,843	1,500,038	1,309,093	1,099,679
1963.....	410,988	310,198	153,641	75,669	1,532,621	1,304,088	1,052,158	825,716
1964.....	503,656	389,672	263,450	132,515	1,305,655	1,059,621	881,757	684,740
1965.....	558,292	405,314	255,582	130,771	1,145,702	930,676	661,743	404,399
1966.....	540,128	408,539	238,769	145,479	896,351	640,577	461,370	279,525
1967.....	604,612	507,611	362,427	230,379	954,667	704,490	477,090	309,000
1968.....	733,402	581,287	463,416	327,835	951,545	764,411	648,973	490,739
1969 <sup>3</sup> .....	751,745	608,077	454,302	.....	1,118,734	923,375	740,086	.....
Durum wheat <sup>4</sup>								
	<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>
1961.....	.....	11,588	7,361	1,791	.....	6,780	5,400	3,411
1962.....	54,117	48,204	40,587	17,697	16,342	16,967	18,162	28,177
1963.....	52,648	46,968	10,846	1,791	35,649	32,360	50,614	39,178
1964.....	57,043	47,873	39,921	19,519	47,335	46,500	42,213	48,249
1965.....	75,997	57,608	48,993	24,029	48,387	42,402	34,294	30,388
1966.....	61,896	39,769	28,617	18,349	33,806	24,342	16,646	10,530
1967.....	58,269	49,015	32,891	18,181	19,475	14,338	13,386	6,143
1968.....	90,798	64,864	50,664	29,599	18,451	21,030	17,429	11,582
1969 <sup>3</sup> .....	106,031	90,951	70,910	.....	23,187	20,285	16,569	.....

<sup>1</sup> Old crop only.<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins, ships, and other storages under CCC control.<sup>3</sup> Preliminary.<sup>4</sup> Beginning Jan. 1, 1962, reported separately.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 13.

Table 14.—Wheat and flour in terms of grain: International trade, average 1960–64, annual 1967 and 1968

Country	Year beginning July					
	Average 1960-64		1967		1968 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<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>
<b>Principal exporters:</b>						
Canada	404,982		327,473		319,695	
United States <sup>2</sup>	715,683	4,798	742,156	724	539,892	940
Argentina	96,529		50,332		97,959	
Australia	223,791		256,251		195,769	
Uruguay	606	849	37	3,564	1,679	5,200
Bulgaria	478	4,670	15,579	661	7,349	8,500
France	100,042	10,831	155,431	16,920	222,213	22,046
Italy	6,169	34,745	7,998	34,522	12,280	57,775
Romania	4,835	1,812	44,691	8,782	18,372	5,000
Spain	180	20,142	37,552	110	33,069	
Sweden	7,823	4,899	11,865	2,069	13,382	68
U.S.S.R.	135,268	83,951	186,805	77,888	195,330	50,000
Algeria	1,051	10,823				
Morocco	1,073	7,447		33,327		44,500
Syria	1,411	4,918		10,398		21,400
Tunisia	3,230	80,358	174	9,685	33	16,370
Turkey	29	19,178		( <sup>3</sup> )		( <sup>3</sup> )
<b>Total<sup>3</sup></b>	<b>1,703,180</b>	<b>289,421</b>	<b>1,836,344</b>	<b>198,650</b>	<b>1,657,022</b>	<b>231,799</b>
<b>Principal importers:</b>						
Jamaica		4,388		5,512		6,283
Trinidad and Tobago		4,523	10	3,342	15	3,044
Cuba		11,114				
Brazil		400,582		111,301		87,592
Peru		72,336	6	22,728		20,445
Austria	996	1,567	213	4,887	16	1,055
Belgium and Luxembourg	5,545	17,305	8,211	19,881	6,128	30,813
Denmark	1,639	2,323	5	636	989	207
Finland	2,488	7,030		2,125		1,240
Germany, West	32,526	82,000	22,458	67,292	27,622	93,304
Greece		469	12,351	204	2,613	3,210
Ireland	1,852	7,574		8,929		7,572
Netherlands	2,336	32,000	22,377	34,594	20,793	47,000
Norway		12,183		12,328		( <sup>4</sup> )
Switzerland	4	11,053		14,541		13,183
United Kingdom	1,418	165,000	564	149,760	134	168,123
Yugoslavia	794	33,955		15,407	184	184
United Arab Republic	423	59,744	478	102,221	500	139,000
South Africa, Republic of		65,929		8,429		400
India		156,868		238,202		139,486
Indonesia		2,915		( <sup>4</sup> )		( <sup>4</sup> )
Israel	217	9,239		( <sup>4</sup> )		13,510
Japan	2,767	115,302	4,459	148,021	3,020	153,700
Korea, Republic of		19,865		28,076		35,976
Lebanon	66	6,548	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Malaysia	243	10,613	( <sup>4</sup> )	11,229	( <sup>4</sup> )	( <sup>4</sup> )
Pakistan		49,575		79,179	61	27,767
Philippines		11,430		23,977		15,752
<b>Total<sup>3</sup></b>	<b>53,914</b>	<b>1,373,430</b>	<b>71,132</b>	<b>1,112,801</b>	<b>62,075</b>	<b>1,008,846</b>

<sup>1</sup> Preliminary.<sup>2</sup> United States exports exclude exports of flour milled in bond from imported wheat.<sup>3</sup> Total for indicated countries only.<sup>4</sup> Not available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 15.—Wheat and flour:<sup>1</sup> United States exports (domestic) by country of destination, average 1960-64, annual 1967 and 1968

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1967	1968		Average 1960-64	1967	1968
	<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>
	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )				
Wheat:				Wheat flour, wholly of			
Canada				U.S. wheat:			
Central America	4,034	9,428	10,588	Central America	2,547	1,056	699
Caribbean	2,589	6,973	5,820	Jamaica	857	1,010	621
Brazil	45,703	47,489	28,723	Trinidad and Tobago	1,305	1	3
Chile	4,944	4,393	3,416	Other Caribbean	1,134	955	1,823
Colombia	4,486	4,690	7,873	Bolivia	3,848	4,320	2,450
Ecuador	597	1,990	2,180	Brazil	443	614	956
Paraguay	1,300	1,363	1	Chile	1,266	662	684
Peru	5,038	9,079	3,778	Colombia	1,755	442	534
Venezuela	9,320	21,852	24,140	Guyana	1,113	992	814
Other Americas	240	4,393	4,932	Other Americas	2,460	1,059	866
Total Americas	78,251	111,650	91,451	Total Americas	15,728	11,111	9,450
Austria	34			Greece	1,887	35	67
Belgium and Luxembourg	4,886	5,728	7,390	Italy	4,189	11	14
Finland	358	134	184	Netherlands	2,070	490	505
France	5,651	9,631	12,008	Poland	862	649	518
Germany, West	9,431	12,839	11,878	Portugal	702	465	234
Greece	1,733		435	United Kingdom	1,249	87	41
Ireland	442	369	81	Yugoslavia	1,862	45	2
Italy	13,486	7,615	16,513	Other Europe	1,131	414	483
Netherlands	17,672	20,115	22,332	Total Europe	13,952	2,196	1,864
Norway	2,119	2,617	645	Ceylon	2,588	5,382	10,988
Poland	23,466	858		Iran	853	89	10
Portugal	5,582		426	Japan	2,309	48	209
Spain	12,911			Jordan	3,450	1,021	2,079
Sweden	387	12		Korea, Republic of	1,630	4,815	7,134
Switzerland	4,876	2,699	5,498	Lebanon	1,181	2,349	1,647
United Kingdom	13,649	10,407	4,485	Philippines	792	571	502
Yugoslavia	28,272	10,422		Saudi Arabia	3,359	4,872	3,720
Other Europe	17,154	807	9	China (Taiwan)	1,180	216	
Total Europe	162,109	84,253	81,884	Vietnam, South	3,143	5,654	6,097
India	145,014	206,136	85,099	Other Asia	8,307	5,668	11,808
Iran	5,605	1		Total Asia	28,792	30,685	44,194
Israel	8,230	8,354	10,211	Algeria	992		203
Japan	46,085	81,715	67,365	Congo (Kinshasa)	2,079	2,423	1,560
Korea, Republic of	17,445	30,249	48,145	Ghana	409	865	42
Lebanon	323	2,351	1,383	Morocco	2,274	1,540	1,735
Pakistan	47,619	76,387	18,555	Sudan	1,315		
Philippines	7,843	21,919	18,355	United Arab Republic	29,183	34	
Syria	2,088	698	28	Other Africa	2,636	2,261	1,398
China (Taiwan)	10,970	19,173	13,619	Total Africa	38,888	7,123	4,938
Turkey	20,436	785	12,179	Oceania	63	113	100
Other Asia	5,642	7,363	4,926	World total	97,423	51,228	60,546
Algeria	8,561	10,374	9,627	Relief or charity <sup>3</sup>	28,337	11,455	9,285
Morocco	7,753	16,119	2,526				
South Africa, Republic of	1,044						
Tunisia	7,668	8,188	7,531				
United Arab Republic	28,569	864					
Other Africa	7,006	4,349	6,462				
World total	618,261	690,928	479,346				
Relief or charity <sup>3</sup>	4,237	4,571	3,553				

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Transshipments through Canada have been included in data for countries of ultimate destination.<sup>3</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 16.—Wheat: Price-support operations, United States, 1960-70

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million bushels	Percent	Million bushels	Million bushels
1960.....	1.78	75	1.74	424	31.3	261	1,243
1961.....	1.79	76	1.83	271	22.0	120	1,097
1962.....	2.00	83	2.04	300	27.2	245	1,082
1963.....	4 2.00	80	1.85	172	15.0	85	829
1964.....	5 1.73	69	6 1.37	206	16.1	88	646
1965.....	5 1.69	66	6 1.35	173	13.1	11	340
1966.....	5 1.84	72	6 1.63	133	10.1	3	124
1967.....	5 1.73	66	6 1.39	232	18.5	19	102
1968.....	5 1.80	68	6 1.24	452	28.7	62	163
1969.....	5 1.90	69	6 7 1.23	7 400	7 27.4	7 30	
1970.....	5 2.00	71					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Includes price-support payment of 18 cents per bushel to program participants.

<sup>5</sup> Represents the total crop average support level to program participants—loan rate of \$1.30 for the 1964 crop and \$1.25 thereafter, plus the average value of marketing certificates.

<sup>6</sup> Does not include the value of marketing certificates.

<sup>7</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 16.

Table 17.—Wheat and wheat flour: Average price, selected markets and grades, 1959-68

Year beginning July	Wheat, price 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 and Dark Hard Winter	Chicago, No. 2 Soft Red Winter	New York, No. 2 Hard Winter	6 markets, all classes and grades <sup>1</sup>	Canadian, No. 2 Manitoba, Northern	Sydney, Australian fair and average quality <sup>2</sup>	Kansas City, Hard Winter wheat, 95 percent patent	Minneapolis, Spring wheat, standard patents <sup>3</sup>
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1959.....	2.00	2.26	2.46	1.87	2.00	1.90	2.42	2.229	1.70	1.49	5.03	5.44
1960.....	2.04	2.16	2.32	1.84	1.94	1.90	2.46	2.125	1.65	1.51	5.04	5.36
1961.....	2.10	2.40	3.20	1.95	2.05	2.00	2.60	2.344	1.78	1.61	5.37	5.70
1962.....	2.17	2.47	2.56	1.95	2.25	2.14	2.74	2.406	1.81	1.62	5.65	5.92
1963.....	2.08	2.34	2.35	1.73	1.94	1.84	2.62	2.224	1.85	1.69	5.25	5.52
1964.....	1.51	1.79	1.69	1.43	1.57	1.46	2.08	1.683	1.86	1.60	5.41	5.68
1965.....	1.53	1.86	1.75	1.47	1.61	1.50	2.14	1.747	1.82	1.58	5.66	6.01
1966.....	1.76	2.01	2.09	1.82	1.85	1.82	2.33	1.958	1.94	1.72	5.92	6.46
1967.....	1.62	1.88	2.05	1.39	1.59	1.47	2.08	1.834	1.79	1.65	5.46	6.12
1968 <sup>4</sup> .....	1.47	1.76	1.93	.....	1.46	1.25	1.92	1.762	1.80	1.60	5.62	6.05

<sup>1</sup> Markets are Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Duluth.

<sup>2</sup> Basic export selling price of Australian Wheat Board, bulk f.o.b. basis.

<sup>3</sup> Prior to 1960, short patents.

<sup>4</sup> Preliminary.

Economic Research Service. Compiled as follows: Grain Market News (C&MS); Minneapolis Daily Market Record; St. Louis Daily Market Reporter; Kansas City Grain Market Review; Chicago Board of Trade; New York Journal of Commerce; Canadian Grain Statistics; The Wheat Industry of Australia and Bureau of Labor Statistics Wholesale Price Bulletin. Minneapolis, St. Louis, Kansas City, and Chicago prices 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. Data for 1944-58 in *Agricultural Statistics, 1967*, table 17.

Table 18.—Rye: Acreage, yield, production, value, and foreign trade, United States, 1954-69

Year	Acreage seeded for all purposes <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Farm value	Average price per bushel of No. 2 rye at Minneapolis, year beginning July <sup>3</sup>	Foreign trade, including flour and malt, year beginning July <sup>4</sup>	
								Domestic exports <sup>5</sup>	Imports for consumption <sup>6</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels
1954 <sup>1</sup>		<i>1,450</i>	<i>15.1</i>	<i>21,844</i>					
1954	4,178	1,705	14.5	25,063	1.21	31,241	1.32	3,015	3,448
1955	5,133	2,049	14.2	29,089	1.06	30,801	1.10	7,029	3,393
1956	4,546	1,824	13.1	21,288	1.16	24,853	1.41	10,704	3,420
1957	4,415	1,718	16.6	28,516	1.08	30,827	1.30	3,534	3,255
1958	4,390	1,797	18.5	33,182	1.02	34,172	1.24	8,465	3,254
1959		<i>1,392</i>	<i>15.7</i>	<i>21,809</i>					
1959	4,013	1,457	15.8	23,076	1.00	23,354	1.24	5,266	4,222
1960	4,111	1,688	19.6	33,108	.882	29,683	1.09	7,723	2,678
1961	4,157	1,543	17.7	27,336	1.01	27,726	1.25	7,493	743
1962	4,880	1,981	20.5	40,698	.947	39,040	1.19	20,652	548
1963	4,376	1,588	18.4	29,178	1.08	31,891	1.31	10,043	649
1964		<i>1,640</i>	<i>18.9</i>	<i>30,916</i>					
1964	4,552	1,696	19.1	32,476	1.04	34,041	1.19	2,111	2,415
1965	4,212	1,469	22.6	33,223	.975	32,823	1.16	3,814	1,754
1966	3,960	1,275	21.8	27,775	1.07	29,881	1.22	4,382	1,627
1967	3,663	1,071	22.6	24,154	1.07	26,153	1.17	2,837	547
1968	3,454	1,014	23.0	23,365	1.02	24,016	1.16	1,246	1,114
1969 <sup>2</sup>	4,070	1,334	23.5	31,405	.983	31,298			

<sup>1</sup> Includes rye sown in preceding fall and in the spring of year shown.

<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> Averages of daily prices weighted by carlot sales, as reported in the Minneapolis Daily Market Record.

<sup>4</sup> Compiled from reports of the U.S. Department of Commerce. Rye malt converted to grain on the basis of 1 bushel of grain to 1 bushel of malt.

<sup>5</sup> Rye malt not separately reported.

<sup>6</sup> Includes rye malt.

<sup>7</sup> Excludes some minor producing States and parts of other States where rye was not asked separately.

<sup>8</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 18.

**Table 19.—Rye: Acreage, production, and season average price per bushel received by farmers, by States, 1967–69**

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	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
New York.....	130	129	134	14	15	18	406	405	540	0.97	1.00	1.01
New Jersey.....	95	87	90	9	9	10	243	207	220	1.09	1.02	1.14
Pennsylvania.....	69	48	60	18	12	16	558	360	512	1.07	.96	1.01
North Atlantic.....	294	264	284	41	36	44	1,207	972	1,272	.....	.....	.....
Ohio.....	97	105	116	12	11	16	288	297	448	.99	.98	1.04
Indiana.....	104	82	90	19	17	18	437	391	414	1.10	1.02	1.09
Illinois.....	105	105	109	25	25	26	588	525	611	1.03	.98	1.04
Michigan.....	222	189	195	38	34	40	874	833	1,040	.93	.89	.94
Wisconsin.....	72	70	68	20	19	18	460	437	378	1.04	1.00	1.00
Minnesota.....	97	84	94	81	72	84	1,904	1,800	2,142	1.01	.96	.94
Iowa.....	21	16	18	5	4	6	100	92	138	1.09	.96	.97
Missouri.....	120	96	101	17	15	16	340	300	368	1.04	1.00	1.00
North Dakota.....	204	175	268	179	161	238	4,117	4,186	5,355	.90	.87	.83
South Dakota.....	241	219	302	215	191	269	6,450	5,539	7,666	.96	.91	.88
Nebraska.....	184	160	240	88	88	140	1,320	1,320	2,730	.96	.93	.94
Kansas.....	126	94	169	30	33	59	405	512	1,121	.95	.93	.86
North Central.....	1,593	1,395	1,770	729	670	930	17,283	16,232	22,411	.....	.....	.....
Delaware.....	49	52	50	9	7	8	234	161	216	1.18	1.17	1.21
Maryland.....	103	103	98	16	14	15	416	336	420	1.16	1.16	1.21
Virginia.....	280	294	288	20	21	19	490	514	494	1.49	1.34	1.32
North Carolina.....	120	106	106	18	18	16	360	378	304	1.57	1.33	1.26
South Carolina.....	90	95	100	19	21	21	399	452	483	1.71	1.51	1.42
Georgia.....	240	283	325	67	74	72	1,240	1,554	1,692	2.26	1.81	1.85
South Atlantic.....	882	933	967	149	155	151	3,139	3,395	3,609	.....	.....	.....
Kentucky.....	86	74	66	8	7	7	192	175	175	1.25	1.19	1.28
Tennessee.....	58	52	52	5	6	6	95	114	120	1.39	1.34	1.32
Oklahoma.....	237	204	249	43	40	49	559	680	980	1.01	1.00	1.03
Texas.....	248	263	329	25	33	33	350	528	684	1.10	1.06	1.09
South Central.....	629	593	696	81	86	100	1,196	1,497	1,959	.....	.....	.....
Montana.....	12	14	19	5	5	7	95	90	175	.80	.72	.69
Idaho.....	16	10	14	8	5	7	192	100	210	1.19	1.10	1.06
Wyoming.....	27	28	31	14	15	15	210	285	195	1.02	1.02	.93
Colorado.....	63	82	131	12	16	29	192	256	464	.91	.92	.87
Washington.....	52	50	68	16	12	36	352	216	720	1.17	1.10	1.02
Oregon.....	95	85	90	16	14	15	288	322	390	1.16	1.12	1.08
Western.....	265	269	353	71	67	109	1,329	1,269	2,154	.....	.....	.....
United States.....	3,663	3,454	4,070	1,071	1,014	1,334	24,154	23,365	31,405	1.07	1.02	.983

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including spring-sown rye and acreage seeded in preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 20.—Rye: Acreage, yield per acre, and production in specified countries, average 1960–64, annual 1968 and 1969<sup>1</sup>

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
North America:									
Canada.....	616	679	927	17.9	19.2	17.8	274	331	419
United States.....	1,699	1,014	1,334	19.2	23.0	23.6	827	593	798
Total.....	2,315	1,693	2,261	18.7	21.5	21.2	1,101	924	1,217
South America:									
Argentina.....	1,553	1,492	.....	12.0	9.5	.....	474	360	347
Europe:									
Austria.....	451	351	364	35.0	46.3	47.6	401	413	440
Belgium.....	114	67	54	47.3	51.1	53.2	137	87	73
Denmark.....	356	96	96	46.2	53.7	51.7	418	131	126
Finland.....	230	178	183	24.0	29.6	30.1	140	134	140
France.....	620	403	380	23.7	31.9	32.2	373	327	319
Germany, West.....	2,906	2,377	2,157	43.7	52.8	52.7	3,225	3,189	2,889
Greece.....	59	25	20	16.0	14.2	15.8	24	9	8
Italy.....	141	104	94	24.9	28.4	29.7	89	75	71
Netherlands.....	291	185	153	47.9	50.9	53.3	354	239	207
Norway.....	3	2	5	39.3	78.5	39.4	3	4	5
Portugal.....	745	591	563	8.6	13.3	11.5	163	199	164
Spain.....	1,149	917	823	13.5	15.6	16.6	393	364	348
Sweden.....	160	168	173	37.9	49.2	40.5	154	210	178
Switzerland.....	37	42	37	54.3	55.3	57.5	51	59	54
United Kingdom.....	19	10	10	41.4	43.3	43.3	20	11	11
Total Western Europe <sup>5</sup> .....	7,289	5,521	5,124	32.1	38.9	38.7	5,952	5,456	5,037
Bulgaria.....	160	59	59	15.8	15.3	18.7	64	23	28
Czechoslovakia.....	1,071	835	677	33.5	36.3	39.1	911	769	672
Germany, East.....	2,088	1,816	1,581	33.6	42.0	36.9	1,784	1,936	1,480
Hungary.....	621	469	477	17.3	20.0	20.6	273	238	249
Poland.....	11,608	10,625	10,625	25.1	31.6	32.0	7,401	8,520	8,640
Romania.....	216	109	111	16.6	17.3	17.7	91	48	50
Yugoslavia.....	437	326	304	16.7	16.7	17.5	185	138	135
Total Eastern Europe.....	16,201	14,239	13,834	26.0	32.3	32.0	10,709	11,672	11,254
Total Europe <sup>5</sup> .....	23,490	19,760	18,958	27.9	34.1	33.8	16,661	17,128	16,291
U.S.S.R. (Europe and Asia) <sup>6</sup> .....	40,340	30,317	28,416	13.0	16.5	16.1	13,330	12,700	11,870
Asia:									
Turkey.....	1,565	1,705	1,730	17.0	18.0	17.5	672	780	770
World total <sup>5</sup> .....	69,550	55,266	53,139	18.3	22.8	22.7	32,331	31,967	30,581

<sup>1</sup> 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 1969 is combined with preliminary forecasts for the Southern Hemisphere harvests, which begin late in 1969 and end early in 1970.

<sup>2</sup> Harvested acreage as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A metric ton is approximately 39.368 bushels.

<sup>5</sup> Estimated totals include allowances for producing countries not shown.

<sup>6</sup> Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 21.—Rye: Stocks on and off farms, United States, 1960–69**

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	<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>
1960.....	18,186	11,660	7,473	4,583	17,798	14,205	12,774	9,637
1961.....	14,639	7,795	4,337	1,905	15,209	11,685	10,334	5,983
1962.....	20,196	13,694	7,359	2,068	12,990	9,976	7,873	4,855
1963.....	11,189	5,608	3,458	1,712	11,707	9,157	7,369	3,591
1964.....	17,741	11,340	9,216	2,638	11,495	9,643	8,150	10,215
1965.....	18,182	13,141	9,945	3,955	17,822	15,677	14,869	15,056
1966.....	15,527	9,566	7,547	3,588	22,188	18,321	16,756	15,097
1967.....	12,331	8,747	6,829	3,744	20,998	19,010	16,407	14,288
1968.....	13,487	8,911	5,922	2,003	18,314	15,425	14,097	13,967
1969 <sup>3</sup> .....	16,329	11,129	7,650	.....	21,946	18,729	16,895	.....

<sup>1</sup> Old crop only.

<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 21.

**Table 22.—Rye: Supply and distribution, United States, 1959–69**

Year beginning July	Supply				Domestic disappearance					Exports
	Carry-over, July 1	Production	Imports	Total	Food <sup>1</sup>	Feed <sup>2</sup>	Seed	Spirits and alcohol	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>
1959.....	12,651	23,076	4,222	39,949	4,571	8,436	5,641	5,536	24,184	5,266
1960.....	10,499	33,108	2,678	46,285	4,499	9,141	5,712	4,990	24,342	7,723
1961.....	14,220	27,336	743	42,299	4,550	11,279	6,596	4,493	26,918	7,493
1962.....	7,888	40,698	548	49,134	4,660	7,142	6,065	3,692	21,559	20,652
1963.....	6,923	29,178	649	36,750	4,728	6,711	6,282	3,683	21,404	10,043
1964.....	5,303	32,476	2,415	40,194	4,939	10,514	5,976	3,801	25,230	2,111
1965.....	12,853	33,223	1,754	47,830	5,222	9,774	5,616	4,393	25,005	3,814
1966.....	19,011	27,775	1,627	48,413	5,139	10,152	5,382	4,663	25,336	4,392
1967.....	18,685	24,154	547	43,386	5,734	6,979	5,060	4,744	22,517	2,837
1968 <sup>3</sup> .....	18,032	23,365	1,114	42,511	5,528	9,233	5,853	4,681	25,295	1,246
1969 <sup>3</sup> .....	15,970	31,405	415	47,790	.....	.....	.....	.....	.....	.....

<sup>1</sup> From reports of U.S. Department of Commerce.

<sup>2</sup> Residual item; roughly approximates total use as feed.

<sup>3</sup> Preliminary.

Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 22.

**Table 23.—Rye: Production, seed used, and farm disposition, United States, 1960–69**

Crop of—	Production	Total used for seed	Disposition on farms where grown		
			Used for seed	Fed to livestock	Sold from farms
	<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>
1960.....	33,108	5,712	1,775	5,092	26,241
1961.....	27,336	6,596	1,868	4,512	20,956
1962.....	40,698	6,065	1,897	4,345	34,456
1963.....	29,178	6,282	1,855	3,307	24,016
1964.....	32,476	5,976	1,840	3,341	27,295
1965.....	33,223	5,616	1,556	3,331	28,336
1966.....	27,775	5,382	1,444	3,125	23,206
1967.....	24,154	5,060	1,266	2,667	20,221
1968.....	23,365	5,853	1,402	2,486	19,477
1969 <sup>1</sup> .....	31,405	6,279	1,575	3,235	26,595

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 23.

Table 24.—Rye: Production, seed used, and farm disposition, by States, crop of 1969 (preliminary)

State	Pro- duction	Total used for seed	Disposition on farms where grown			State	Pro- duction	Total used for seed	Disposition on farms where grown		
			Used for seed	Fed to live- stock	Sold from farms				Used for seed	Fed to live- stock	Sold from farms
	<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.....	540	284	45	81	414	Virginia.....	494	530	48	114	332
New Jersey.....	220	180	31	26	163	North Carolina.....	304	159	37	79	188
Pennsylvania.....	512	91	44	282	186	South Carolina.....	433	165	35	68	380
Ohio.....	448	230	21	130	297	Georgia.....	1,692	696	132	152	1,408
Indiana.....	414	138	32	87	295	Kentucky.....	175	112	17	21	137
Illinois.....	611	176	28	67	518	Tennessee.....	120	88	11	29	80
Michigan.....	1,040	348	63	208	769	Oklahoma.....	980	329	86	167	727
Wisconsin.....	378	98	16	170	192	Texas.....	684	411	53	89	542
Minnesota.....	2,142	150	92	86	1,964	Montana.....	175	14	5	24	146
Iowa.....	138	40	6	39	93	Idaho.....	210	21	8	32	170
Missouri.....	368	172	28	52	288	Wyoming.....	195	26	8	35	152
North Dakota.....	5,355	241	164	27	5,164	Colorado.....	464	124	29	107	328
South Dakota.....	7,666	398	255	268	7,143	Washington.....	720	92	21	29	670
Nebraska.....	2,730	360	126	300	2,304	Oregon.....	390	102	18	47	325
Kansas.....	1,121	220	62	258	801	United States...	31,405	6,279	1,575	3,235	26,595
Delaware.....	216	99	19	39	158						
Maryland.....	420	185	35	122	263						

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 25.—Rye: Price-support operations, United States, 1960-70

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of pro- duction		
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1960.....	0.90	60	0.88	5.1	15.4	2.0	4.3
1961.....	1.02	69	1.01	1.6	6.0	.6	2.6
1962.....	1.02	70	.95	6.1	15.0	1.4	1.6
1963.....	1.07	75	1.08	1.5	5.3	.4	.8
1964.....	1.07	78	1.04	6.8	20.9	6.6	5.9
1965.....	1.02	73	.98	6.9	20.8	5.2	9.2
1966.....	1.02	73	1.07	2.4	8.6	1.6	7.3
1967.....	1.02	73	1.07	2.7	11.2	2.5	8.0
1968.....	1.02	72	1.02	4.6	19.7	3.0	11.5
1969.....	1.02	69	.98	6.0	19.1		
1970.....	1.02	68					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 25.

## FOOTNOTES FOR TABLE 28

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year shown are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

<sup>2</sup> Preliminary.

<sup>3</sup> A metric ton is 2,204.6 pounds.

<sup>4</sup> Planted acreage.

<sup>5</sup> Totals include allowances for any missing data for countries shown and for other producing countries not shown.

<sup>6</sup> Excluding Sabah and Sarawak.

<sup>7</sup> Excluding mainland China, North Korea, and North Vietnam.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 26.—Rice, rough: Acreage, yield, production, and value, United States, 1954-69

Year	Acreage harvested	Yield per acre	Production	Season average price per cwt. received by farmers <sup>1</sup>	Farm value
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	2,550	2,517	64,193	4.57	293,030
1955	1,826	3,061	55,902	4.81	268,547
1956	1,569	3,151	49,459	4.86	240,293
1957	1,349	3,204	42,935	5.11	219,538
1958	1,415	3,184	44,760	4.68	209,425
1959	1,586	3,382	53,647	4.59	246,317
1960	1,595	3,423	54,591	4.55	248,445
1961	1,589	3,411	54,198	5.14	278,599
1962	1,773	3,726	66,045	5.04	332,624
1963	1,771	3,968	70,269	5.01	352,159
1964	1,786	4,098	73,166	4.90	358,634
1965	1,793	4,255	76,281	4.93	376,227
1966	1,967	4,322	85,020	4.95	421,018
1967	1,970	4,537	89,379	4.97	443,995
1968	2,353.4	4,422	104,075	5.00	520,888
1969 <sup>2</sup>	2,128.4	4,290	91,303	4.92	449,162

<sup>1</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 26.

Table 27.—Rice, rough: Acreage, production, and season average price per hundred-weight received by farmers, by States, 1967-69

State	Acreage planted			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<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 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Missouri	5.2	6.6	5.6	5.1	6.4	5.4	235	288	248	5.09	5.08	5.10
Mississippi	56	68	61	55	67	60	2,365	2,881	2,520	5.34	5.20	5.30
Arkansas	482	578	520	477	572	515	21,704	24,596	24,720	5.12	5.07	5.10
Louisiana	567	681	613	565	679	611	22,035	26,142	20,774	4.91	4.83	4.75
Texas	510	599	550	508	597	548	25,400	27,164	21,646	4.94	4.97	4.75
California	362	434	391	360	432	389	17,640	23,004	21,395	4.84	5.15	5.00
United States	1,982.2	2,366.6	2,140.6	1,970.1	2,353.4	2,128.4	89,379	104,075	91,303	4.97	5.00	4.92

<sup>1</sup> Preliminary.

<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 28.—Rice, rough: Acreage, yield per acre, and production in specified countries, average 1960-64, annual 1968 and 1969 <sup>1</sup>

Continent and country	Acreage			Yield per acre			Production		
	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Costa Rica	132	150	105	1,297	1,367	1,365	62	93	65
Cuba	240	.....	.....	1,700	.....	.....	185	.....	.....
Dominican Republic	206	220	.....	1,284	1,814	.....	120	181	.....
Nicaragua <sup>4</sup>	55	67	.....	1,353	2,205	.....	34	67	.....
Panama	253	335	.....	978	1,063	.....	112	160	.....
Mexico	342	472	432	1,961	2,125	1,531	304	445	300
United States	1,703	2,353	2,130	3,738	4,475	4,233	2,887	4,777	4,090
Total <sup>5</sup>	3,132	3,966	3,686	2,702	3,332	3,084	3,839	5,994	5,156

See footnotes on page 20.

Table 28.—Rice, rough: Acreage, yield per acre, and production in specified countries, average 1960-64, annual 1968 and 1969<sup>1</sup>—Continued

Continent and country	Acreage			Yield per acre			Production		
	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 metric tons <sup>3</sup>	1,000 metric tons <sup>3</sup>	1,000 metric tons <sup>3</sup>
<b>South America:</b>									
Argentina.....	135	237	.....	3,159	3,209	.....	193	345	.....
Brazil.....	9,404	12,000	.....	1,420	1,360	.....	6,058	7,400	.....
Chile.....	82	41	.....	2,440	2,420	.....	91	45	.....
Colombia.....	643	684	647	1,823	2,533	2,453	532	786	720
Ecuador.....	273	247	.....	1,525	1,785	.....	189	200	.....
Guyana.....	247	313	275	2,000	1,493	1,684	224	212	210
Peru.....	196	198	.....	3,562	3,340	.....	317	300	.....
Surinam.....	70	.....	.....	2,486	.....	.....	79	.....	.....
Uruguay.....	51	84	.....	2,841	2,992	.....	66	114	.....
Venezuela.....	165	311	.....	1,476	1,921	.....	111	245	.....
Total <sup>5</sup> .....	11,378	14,328	14,188	1,541	1,524	1,537	7,955	9,904	9,894
<b>Europe:</b>									
France.....	77	62	54	3,474	3,236	4,287	121	91	105
Greece.....	49	52	.....	3,704	4,579	.....	82	108	.....
Italy.....	299	385	423	4,679	3,659	4,430	635	639	850
Portugal.....	92	82	91	4,073	4,114	4,191	170	149	177
Spain.....	157	156	163	5,460	5,130	5,004	389	363	370
Total Western Europe.....	674	737	783	4,569	4,050	4,522	1,397	1,350	1,610
Total Eastern Europe <sup>5</sup> .....	142	161	158	2,282	2,068	2,498	147	151	179
Total Europe <sup>5</sup> .....	816	898	941	4,171	3,695	4,182	1,544	1,505	1,785
<b>U.S.S.R. (Europe and Asia)</b> .....	332	771	806	2,068	2,774	2,667	311	970	975
<b>Africa:</b>									
Congo (Kinshasa).....	130	150	.....	915	1,029	.....	54	70	.....
Guinea.....	1,025	.....	.....	618	.....	.....	287	.....	.....
Ivory Coast.....	614	715	.....	786	1,172	.....	219	380	.....
Malagasy Republic.....	1,996	1,946	.....	1,370	1,586	.....	1,240	1,400	.....
United Arab Republic.....	829	1,250	.....	4,745	4,145	.....	1,784	2,350	.....
Sierra Leone.....	800	750	.....	895	1,205	.....	325	410	.....
Total <sup>5</sup> .....	8,176	8,471	8,560	1,405	1,640	1,679	5,211	6,302	6,518
<b>Asia:</b>									
Iran.....	846	593	618	1,861	3,718	3,731	714	1,000	1,046
Turkey (Europe and Asia).....	129	111	142	2,598	3,436	3,152	152	173	203
Burma.....	12,000	12,402	12,684	1,456	1,439	1,452	7,925	8,023	8,350
Cambodia.....	5,731	5,820	.....	952	853	.....	2,475	2,500	.....
Ceylon.....	1,239	1,657	.....	1,714	1,786	.....	963	1,342	.....
China (Taiwan).....	1,905	1,950	1,950	3,242	3,758	3,556	2,802	3,324	3,145
India <sup>4</sup> .....	86,359	91,343	91,427	1,356	1,441	1,521	53,105	59,701	63,000
Indonesia.....	17,530	20,950	.....	1,600	1,748	.....	12,718	16,615	.....
Japan <sup>4</sup> .....	8,108	8,105	8,090	4,368	4,913	4,787	15,931	18,061	17,568
Korea, Republic of.....	2,837	3,000	3,039	3,647	3,197	4,049	4,693	4,350	5,582
Laos.....	1,606	.....	.....	1,020	.....	.....	740	.....	.....
Malaysia <sup>6</sup> .....	851	1,214	.....	2,176	2,141	.....	840	1,179	.....
Nepal.....	2,800	2,814	.....	1,647	1,818	.....	2,095	2,321	.....
Pakistan <sup>4</sup> .....	24,955	27,915	28,562	1,467	1,586	1,642	16,539	20,084	21,267
Philippines.....	7,821	8,181	8,180	1,096	1,235	1,383	3,883	4,583	5,131
Thailand.....	14,735	17,865	18,582	1,751	1,531	1,661	10,074	12,410	14,000
Vietnam, South.....	6,054	5,881	6,108	1,841	1,649	1,839	5,056	4,400	5,094
Total <sup>5,7</sup> .....	197,086	213,427	215,548	1,586	1,676	1,747	141,787	162,209	170,790
<b>Oceania:<sup>6</sup></b>									
Australia.....	56	84	97	5,429	6,693	6,387	138	255	281
Total <sup>5</sup> .....	86	84	97	4,075	6,693	6,387	159	255	281
<b>World total<sup>5,7</sup>.....</b>	<b>221,000</b>	<b>241,944</b>	<b>243,915</b>	<b>1,606</b>	<b>1,701</b>	<b>1,763</b>	<b>161,000</b>	<b>186,620</b>	<b>195,082</b>

See footnotes on page 20.



Table 29.—Rice, rough: Supply and distribution, United States, 1959-69

Year beginning August	Supply						Distribution					Ending stocks
	Carryover stocks				Production	Total	Disappearance					
	Farm	Mills	Warehouses	Total			Seed	Milled	Exports	Residual <sup>1</sup>	Total	
1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	
1959	218	3,645	3,206	7,069	53,647	60,716	2,092	49,525	385	901	52,903	7,913
1960	389	2,809	4,615	7,813	54,591	62,404	2,119	52,047	379	518	55,063	7,941
1961	85	2,940	4,316	7,341	54,198	61,539	2,350	55,387	79	583	58,399	3,140
1962	201	1,823	1,116	3,140	66,045	69,185	2,383	60,786	143	219	63,531	5,654
1963	187	2,343	3,144	5,654	70,269	75,923	2,458	68,264	105	-91	70,736	5,187
1964	112	2,697	2,378	5,187	73,166	78,353	2,464	70,974	126	-116	73,448	4,905
1965	141	2,402	2,362	4,905	76,281	81,186	2,702	70,595	169	2,240	75,706	5,480
1966	347	2,187	2,966	5,480	85,020	90,500	2,688	80,210	161	1,244	84,303	6,197
1967	226	2,869	3,102	6,197	89,379	95,576	3,235	88,116	205	561	92,117	3,459
1968 <sup>2</sup>	120	2,234	1,105	3,459	104,075	107,534	2,926	89,086	189	2,838	95,039	12,495
1969 <sup>2</sup>	334	4,295	7,866	12,495	91,303	103,798						

<sup>1</sup> Includes feed, waste, loss, and shrinkage. <sup>2</sup> Preliminary.Consumer and Marketing Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 29.

Table 30.—Rice, milled: Supply and distribution, United States, 1959-68

Year beginning August	Supply				Distribution					Ending stocks
	Carryover stocks	Production <sup>1</sup>	Imports <sup>2</sup>	Total	Exports <sup>2</sup>	Shipments to Territories	Consumed at breweries	Remaining for domestic food	Total	
1959	5,990	34,896	550	41,436	20,327	3,630	3,488	10,939	38,384	3,052
1960	3,052	36,928	203	40,183	20,643	2,835	3,482	11,280	38,240	1,943
1961	1,943	39,688	274	41,905	20,835	2,551	3,361	13,586	40,333	1,572
1962	1,572	43,276	27	44,875	25,190	2,970	2,911	12,326	43,397	1,478
1963	1,478	49,146	13	50,637	30,020	2,798	2,767	13,360	48,945	1,692
1964	1,692	51,041	338	53,071	30,489	2,820	3,095	14,672	51,076	1,995
1965	1,995	50,942	482	53,419	31,135	2,752	3,391	14,150	51,428	1,991
1966	1,991	58,382	6	60,379	37,432	2,764	3,828	14,671	58,695	1,684
1967	1,684	64,080	5	65,769	41,219	2,605	3,952	15,575	63,351	2,418
1968	2,418	65,240	8	67,666	39,993	3,089	4,214	17,647	64,943	2,723

<sup>1</sup> Production of heads, second heads, screenings, and brewers' rice.<sup>2</sup> Compiled from reports of the U.S. Department of Commerce.Consumer and Marketing Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 30.

Table 31.—Rice: Production, seed used, and farm disposition, United States, 1960-69

Crop of—	Production	Total used for seed	Disposition on farms where grown			
			Used for seed	Fed to livestock <sup>1</sup>	Home use <sup>1</sup>	Sold from farms
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1960	54,591	2,119	732	33	23	53,803
1961	54,198	2,350	911	30		53,257
1962	66,045	2,383	820			65,225
1963	70,269	2,458	708			69,561
1964	73,166	2,464	692			72,474
1965	76,281	2,702	639			75,642
1966	85,020	2,688	658			84,362
1967	89,379	3,235	576			88,803
1968	104,075	2,932	680			103,395
1969 <sup>2</sup>	91,303	2,493	632			90,671

<sup>1</sup> Discontinued. <sup>2</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 32.—Rice: Production, seed used, and farm disposition, by States, crop of 1969 (preliminary)**

State	Production	Total used for seed	Farm disposition		State	Production	Total used for seed	Farm disposition	
			Used for seed on farms where grown	Sold from farms				Used for seed on farms where grown	Sold from farms
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Missouri.....	248	7	2	246	Texas.....	21,646	519	78	21,568
Mississippi.....	2,520	73	14	2,506	California.....	21,395	498	224	21,171
Arkansas.....	24,720	667	227	24,493	United States.....	91,303	2,493	632	90,671
Louisiana.....	20,774	729	87	20,687					

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 33.—Rice, milled: United States exports under specified Government programs, 1959-68**

Year beginning July	Public Law 480					Mutual security (AID) <sup>4</sup>	Total specified Government programs
	Title I, sales for foreign currency	Title II, disaster relief and other assistance <sup>1</sup>	Title III		Title IV, long-term dollar sales		
			Foreign donations <sup>2</sup>	Barter <sup>3</sup>			
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1959.....	9,873	643	1,417	754	163	12,850	
1960.....	11,873	382	1,751	347	94	14,447	
1961.....	8,246	471			499	9,216	
1962.....	12,696	14			770	13,825	
1963.....	13,634				1,072	14,829	
1964.....	11,187				759	12,012	
1965.....	7,204				716	11,969	
1966.....	15,498				2,763	18,261	
1967.....	12,659				4,434	17,639	
1968 <sup>5</sup> .....	6,276	208			14,343	20,916	

<sup>1</sup> Includes emergency relief and economic development.

<sup>2</sup> Foreign donations are authorized under Sec. 416 of the Agricultural Act of 1949 as amended, and Sec. 302, Title III, P.L. 480.

<sup>3</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation; Title III, P.L. 480; and other legislation.

<sup>4</sup> Sales for foreign currency and economic aid under the Act for International Development, P.L. 87-195, and Mutual Security Acts, P.L. 665 and 165.

<sup>5</sup> Preliminary.

Foreign Agricultural Service. Data for 1954-58 in *Agricultural Statistics, 1967*, table 31.

**Table 34.—Rice, milled No. 2: Average wholesale price per 100 pounds at selected markets, 1959-68**

Year beginning August	Medium grains				Long grains <sup>1</sup>			Short grains <sup>2</sup>
	New Orleans	Houston	Stuttgart, Ark.	New York	New Orleans	Houston	New York	San Francisco
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1959.....	8.25	8.35	8.05	9.65	9.40	9.45	10.95	8.45
1960.....	8.20	8.20	8.05	9.35	9.50	9.55	10.80	8.85
1961.....	9.30	9.40	9.20	10.20	10.15	10.25	11.30	9.50
1962.....	9.35	9.30	9.15	10.25	10.05	10.00	11.25	9.85
1963.....	8.75	8.80	8.55	9.85	10.25	10.30	11.65	9.90
1964.....	8.30	8.35	8.20	9.50	10.15	10.15	11.50	9.80
1965.....	8.20	8.15	8.10	9.55	10.15	10.05	11.45	10.00
1966.....	8.45	8.35	8.20	9.30	10.25	10.00	11.50	10.05
1967.....	8.75	8.65	8.65	9.95	10.25	10.05	12.05	10.25
1968.....	8.45	8.50	8.55	10.25	9.50	9.80	11.80	10.55

<sup>1</sup> Formerly Bluebonnet rice.

<sup>2</sup> Formerly California Pearl.

Consumer and Marketing Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 32.

Table 35.—Rice, rough: Price-support operations, United States, 1960-70

Year beginning August	Support price		Season average price per cwt. received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC July 31 <sup>4</sup>
	Per cwt.	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million cwt.	Percent	Million cwt.	Million cwt.
1960.....	4.42	75	4.55	13.1	24.0	4.9	4.1
1961.....	4.71	78	5.14	6.4	11.8	( <sup>5</sup> )	.3
1962.....	4.71	76	5.04	12.2	18.5	1.8	1.9
1963.....	4.71	73	5.01	10.0	14.3	.8	1.4
1964.....	4.71	74	4.90	7.7	10.6	.8	1.0
1965.....	4.50	68	4.93	10.0	13.1	.4	.6
1966.....	4.50	66	4.95	14.4	16.8	.1	.1
1967.....	4.55	66	4.97	16.4	18.3	( <sup>5</sup> )	.1
1968.....	4.60	66	5.00	24.3	22.7	6.3	6.3
1969.....	4.72	65	4.92	22.4	24.5		
1970.....	<sup>6</sup> 4.81	<sup>6</sup> 65					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Includes milled rice in rough rice equivalent.

<sup>5</sup> Less than 50,000 cwt.

<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 33.

Table 36.—Rice: United States exports, by country of destination, 1967 and 1968

Country of destination	Year beginning July		Country of destination	Year beginning July	
	1967	1968		1967	1968
	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds
Rice, paddy or rough:			Israel.....	10	
Canada.....	50	250	Japan.....	4,434	4,246
Mexico.....	54	991	Kuwait.....	26,165	16,685
Colombia.....	441	573	Malaysia.....	21,534	740
Venezuela.....	15,478	16,332	Nansei and Nanpo Islands.....	71,164	28,756
World total <sup>1</sup> .....	21,363	19,775	Philippines.....	42,043	97
Rice, milled, less than 75% broken:			Saudi Arabia.....	37,533	14,682
Canada.....	39,865	38,985	Vietnam, South.....	1,313,154	511,554
Mexico.....	291	165	British West Pacific Islands.....	2,316	9,371
Costa Rica.....	10,352	217	Total Asia and Oceania <sup>1</sup> .....	2,162,749	1,427,623
Nicaragua.....	431	40	Cameroon.....	1,721	1,428
Bahamas.....	9,040	9,610	Congo (Kinshasa).....	32,111	3,011
Dominican Republic.....	657	13,202	Ghana.....	37,989	68,640
Jamaica.....	32,743	29,801	Guinea.....	13	17,168
Netherlands Antilles.....	8,736	6,610	Ivory Coast.....	30,143	1,176
Chile.....	17,423	22,771	Liberia.....	34,093	22,501
Peru.....	491	155	Senegal.....	122	32
Total Western Hemisphere <sup>1</sup> .....	130,470	130,019	South Africa, Republic of.....	31,029	19,030
Belgium and Luxembourg.....	9,182	5,129	World total <sup>1</sup> .....	2,612,638	1,820,767
France.....	23,014	14,065	Rice, milled, 75% and over broken:		
Germany, West.....	4,435	1,200	Canada.....	3,881	4,079
Netherlands.....	3,938	10,240	Jamaica.....	14	
Portugal.....	27	1,556	Belgium and Luxembourg.....	8,526	1,936
Sweden.....	4,853	5,547	Germany, West.....	4,618	6,758
Switzerland.....	8,890	6,561	United Kingdom.....	2,784	2,459
United Kingdom.....	52,876	8,351	Aden <sup>2</sup> .....	1,031	2,101
Total Europe <sup>1</sup> .....	116,780	104,750	Nansei and Nanpo Islands.....	1,529	2,318
India.....		110,147	South Africa, Republic of.....	305	99
Indonesia.....	383,674	630,738	World total <sup>1</sup> .....	35,966	73,778

<sup>1</sup> Includes countries not shown.

<sup>2</sup> Name changed to Southern Yemen, effective Jan. 1, 1968.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 37.—Rice, milled equivalent: <sup>1</sup> International trade, average 1960-64, annual 1967 and 1968

Continent and country	Average 1960-64		1967		1968 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>						
Canada		122,406		90,046		92,588
El Salvador	896	159	29,994	4,546	50,946	2,981
Honduras	1,112	3,491	516	13,490	4,588	15,895
Mexico	29,984	12,429		441		236
Nicaragua	2,939	9,681	234	26,131	3,922	32,787
Panama		8,048	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
United States	2,387,041	19,864	3,970,983	558	4,070,883	498
Barbados		18,005		17,938		16,341
Cuba		299,742		346,126		300,690
Dominican Republic	4,016	35,866		11,023		30,602
Guadeloupe		22,764				
Jamaica	34	47,419		73,290		52,618
Netherlands Antilles	48	9,989				
Trinidad and Tobago	99	62,330	75	66,610	75	59,763
<b>Total</b>	<b>2,426,169</b>	<b>672,193</b>	<b>4,001,802</b>	<b>650,199</b>	<b>4,130,414</b>	<b>634,999</b>
<b>South America:</b>						
Argentina	13,752	1,458	40,938		47,889	
Bolivia		2,991				
Brazil	91,401		70,288		313,462	
Guyana	134,621		224,018		210,921	
Chile	13,969	24,702		21,030		30,377
Colombia	3,231	19,956	8,818	1,102		( <sup>4</sup> )
Ecuador	45,846				22,046	8,818
Peru		43,983		130,095		105,654
Surinam	43,701	180	54,454		72,753	( <sup>3</sup> )
Uruguay	39,719	24	82,188		42,862	
Venezuela		26,279	139,151			
<b>Total</b>	<b>386,240</b>	<b>119,523</b>	<b>619,855</b>	<b>152,227</b>	<b>709,933</b>	<b>144,849</b>
<b>Europe:</b>						
Austria	1	126,403		81,791		130,754
Belgium and Luxembourg	50,920	188,564	10,137	86,706	27,939	98,137
Denmark	96	22,339		14,110		12,875
Finland		47,940		32,761		23,671
France	55,266	228,433	86,318	329,591	150,596	298,413
Germany, West	30,803	519,596	47,179	276,239	49,862	321,829
Greece	826	16,761	20,831	7,430	19,628	9,475
Italy	564,839	5,581	343,480	13,669	409,482	23,951
Netherlands	82,210	233,152	37,543	132,286	44,423	154,996
Norway	15	21,065		6,206		5,460
Portugal	101	40,567		44,571		77,836
Spain	196,805		241,078		221,249	
Sweden	4	37,666		27,778		26,896
Switzerland	905	101,682		62,358		50,486
United Kingdom		191,872		223,549		273,400
<b>Total Western Europe</b>	<b>982,791</b>	<b>1,781,621</b>	<b>786,566</b>	<b>1,339,045</b>	<b>923,179</b>	<b>1,508,179</b>
Czechoslovakia		246,116	441	132,277	1,100	132,277
Germany, East		103,078		110,231		110,231
Hungary	9,202	34,110		55,115		39,638
Poland	2,832	249,951		143,300		130,073
Romania		71,297		70,548		66,140
Yugoslavia	1,509	112,801		21,323		61,923
<b>Total Eastern Europe and U.S.S.R.</b>	<b>176,589</b>	<b>2,732,400</b>	<b>1,543</b>	<b>1,408,029</b>	<b>2,202</b>	<b>1,201,682</b>
<b>Africa:</b>						
Algeria	1,864	6,661		6,834		
Angola	5,797	1,401	6,495	4,330	4,270	
Cameroon		10,594		19,193		27,243
Comoro Islands		13,490		17,637		( <sup>5</sup> )
Congo (Kinshasa)	6	39,539		51,006		38,969
Dahomey	66	10,174		15,371		( <sup>5</sup> )
Gambia		7,046		17,637		( <sup>5</sup> )
Ghana		93,934		88,366		67,472
Guinea		59,391		88,185		( <sup>5</sup> )
Ivory Coast		86,781	344	53,056	13	104,115
Kenya	297	8,936	309	4,409	3,466	6,614
Liberia	7	53,166		73,090		88,185

See footnotes at end of table.

Table 37.—Rice, milled equivalent: <sup>1</sup> International trade, average 1960-64, annual 1967 and 1968—Continued

Continent and country	Average 1960-64		1967		1968 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Africa—Continued</b>						
Malagasy Republic	66,428	13,972	88,253		152,785	( <sup>3</sup> )
Mauritius		147,415		147,258		135,690
Morocco	7,406	1,456	8,644		15,346	26
Mozambique	5,103	197	11,698		9,658	
Nigeria	175	3,308		3,265		694
Reunion		69,007		88,185		( <sup>3</sup> )
Senegal and Mauritania	121	262,592	342	338,275		385,809
Sierra Leone	165	48,516	82	53,416		( <sup>3</sup> )
Somali Republic	4	16,082		38,202		( <sup>3</sup> )
South Africa, Republic of		116,657	2,205	172,955		174,333
Sudan		7,653		( <sup>4</sup> )		14,927
Togo	281	6,623		5,924		2,851
Tunisia		8,510		4,429		4,359
United Arab Republic	612,455	4,482	958,790	21,605	1,256,414	
Uganda	122	8,047		18,078		2,866
Tanzania (Zanzibar)	7	20,390	686	5,194	( <sup>3</sup> )	33,135
<b>Total</b>	<b>700,304</b>	<b>1,126,020</b>	<b>1,077,848</b>	<b>1,335,900</b>	<b>1,441,952</b>	<b>1,087,288</b>
<b>Asia:</b>						
Southern Yemen <sup>5</sup>	41,761	60,581	22,699	62,772	12,039	62,702
Other Arabian Peninsula		338,344	( <sup>3</sup> )	220,462	( <sup>3</sup> )	( <sup>3</sup> )
Israel		34,182		35,274		43,041
Jordan		47,304		50,140		38,872
Lebanon	445	36,641	( <sup>3</sup> )	44,092	( <sup>3</sup> )	( <sup>4</sup> )
Turkey (Europe and Asia)		6,490	4,974	2,205	3,620	( <sup>3</sup> )
Iraq	52	132,542		2,205		( <sup>3</sup> )
Syria	8	49,664		44,092		( <sup>3</sup> )
Brunei	1	15,026		17,637		( <sup>3</sup> )
North Borneo	1,552	58,643				
Sarawak	15	122,577		136,614		99,708
Burma	3,574,287		794,312		738,548	
Ceylon	610	1,088,550		781,990		815,516
China: Mainland	1,415,274	13,228	6,627,909	169,756	6,259,730	165,350
Taiwan	153,169	32,134	255,439	13,228	149,363	
Hong Kong	89,920	887,311	16,310	927,857	24,939	692,273
India	34,903	1,172,559	( <sup>3</sup> )	1,003,544	5,291	984,143
Cambodia	688,403		448,453		544,540	
Laos		64,698		39,683		73,473
Vietnam, South	418,690	2,080		1,651,262		1,494,730
Indonesia		2,338,839		675,055		972,238
Japan	322	490,862	441	1,122,995	809	597,157
Korea, Republic of	47,257	52,216		306,392	2	544,107
Macao		39,862		40,232		( <sup>3</sup> )
Malaysia and Singapore	189,122	1,393,713	( <sup>3</sup> )	1,227,750	( <sup>3</sup> )	1,169,700
Pakistan	251,875	674,619	268,964	458,985	176,489	78,249
Philippines	764	262,760	3,576	640,335	90,390	
Ryukyu Islands		175,578	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Thailand	3,264,993		3,192,912		2,288,448	
Tibet, Nepal, and Bhutan	32,760	3,977	( <sup>3</sup> )		( <sup>3</sup> )	
<b>Total</b>	<b>10,206,183</b>	<b>9,594,980</b>	<b>7,635,989</b>	<b>9,674,557</b>	<b>6,294,208</b>	<b>7,831,259</b>
<b>Oceania:</b>						
Australia	162,976		216,999	3,307	213,174	2,130
Fiji Islands		11,644		21,065		14,268
New Caledonia		4,332				
New Guinea and Papua		52,205		55,116		( <sup>3</sup> )
New Hebrides		3,978		( <sup>3</sup> )		( <sup>3</sup> )
New Zealand	( <sup>4</sup> )	6,811		11,025		( <sup>3</sup> )
<b>Total</b>	<b>162,976</b>	<b>78,970</b>	<b>216,999</b>	<b>90,501</b>	<b>213,174</b>	<b>16,398</b>
<b>World total</b>	<b>15,041,252</b>	<b>16,105,707</b>	<b>14,340,602</b>	<b>14,650,461</b>	<b>13,715,062</b>	<b>12,424,654</b>

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled.<sup>2</sup> Preliminary.<sup>3</sup> Not available.<sup>4</sup> Less than 500 pounds.<sup>5</sup> Formerly Aden.<sup>6</sup> Returns of importing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 38.—Corn: Acreage, yield, production, value, and foreign trade, United States, 1954-69

Year	Acreage planted, all purposes	Corn for grain					Corn for silage		Foreign acreage harvested	Foreign trade <sup>2</sup>	
		Acreage harvested	Yield per harvested acre	Production	Season average price per bushel <sup>1</sup>	Farm value	Acreage harvested	Production		Do-mestic exports <sup>3</sup>	Imports for consumption
1954		66,793	39.1	2,612,911			6,912	49,425	4,418		
1954	82,185	68,668	39.4	2,707,913	1.43	3,872,433	7,114	52,559	4,404	92,563	1,138
1955	80,932	68,462	42.0	2,872,959	1.35	3,848,649	6,961	52,974	3,944	108,909	1,100
1956	77,828	64,877	47.4	3,075,336	1.29	3,967,290	6,535	54,571	3,835	164,789	920
1957	73,180	63,065	48.3	3,045,355	1.11	3,393,496	6,122	54,072	2,677	183,628	1,869
1958	73,351	63,549	52.8	3,356,205	1.12	3,755,553	6,284	55,612	2,391	214,410	1,138
1959		70,065	52.8	3,697,191			6,828	57,067	2,723		
1959	82,742	72,091	53.1	3,824,598	1.05	4,013,126	7,017	59,708	2,794	211,529	1,152
1960	81,425	71,422	54.7	3,906,949	1.00	3,928,779	7,176	65,429	2,080	276,552	1,221
1961	65,919	57,634	62.4	3,597,803	1.10	3,938,994	6,261	66,064	1,510	415,674	1,357
1962	65,017	55,726	64.7	3,606,311	1.12	4,025,296	7,201	76,753	1,547	397,732	975
1963	68,771	59,227	67.9	4,019,238	1.11	4,454,048	7,692	82,926	1,398	478,789	993
1964		53,751	62.5	3,361,142			8,373	79,340	1,391		
1964	65,823	55,369	62.9	3,484,253	1.17	4,064,208	8,620	83,551	1,399	552,354	1,045
1965	65,119	55,332	73.8	4,084,342	1.16	4,731,871	8,055	84,266	1,198	673,265	885
1966	66,306	56,933	72.3	4,117,355	1.24	5,105,667	7,921	89,257	974	471,336	849
1967	71,093	60,557	78.6	4,760,076	1.03	4,939,670	3,343	94,116	1,078	619,751	915
1968	65,126	55,880	78.6	4,393,273	1.08	4,763,061	7,833	92,059	890	524,767	1,327
1969 <sup>4</sup>	64,257	54,573	83.9	4,577,864	1.13	5,178,781	7,754	96,312	861		

<sup>1</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup> Compiled from reports of the Department of Commerce. Includes cornmeal converted to grain equivalent on the basis of 3.16 bushels of grain to 100 pounds of meal.

<sup>3</sup> Includes shipments under the Army Civilian Supply Program.

<sup>4</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 38.

Table 39.—Corn: Stocks on and off farms, United States, 1960-70

Year	On farms				Off farms <sup>2</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960	2,981,490	2,016,159	1,293,369	451,965	1,362,051	1,319,189	1,228,702	1,335,001
1961	3,055,117	2,093,699	1,454,951	588,107	1,640,573	1,579,538	1,369,483	1,428,356
1962	3,018,577	2,152,626	1,559,048	578,295	1,472,939	1,236,387	923,892	1,074,257
1963	2,958,288	2,008,162	1,401,285	533,801	1,251,748	1,039,612	728,605	831,334
1964	3,209,565	2,269,686	1,513,667	681,101	1,135,189	1,008,777	862,813	855,421
1965	2,737,488	1,866,473	1,243,125	581,449	1,137,392	938,763	650,332	565,593
1966	3,084,863	2,122,751	1,323,576	529,705	956,475	740,542	459,284	310,538
1967	2,898,768	2,043,897	1,337,292	569,155	778,619	671,090	405,683	254,075
1968	3,391,263	2,394,728	1,646,440	781,762	866,061	809,946	530,578	380,493
1969	3,276,322	2,223,680	1,486,739	728,220	957,050	817,228	581,656	385,174
1970 <sup>3</sup>	3,320,292	2,221,699			993,137	767,693		

<sup>1</sup> Old crop only.

<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 42.

Table 40.—Corn: Acreage, production, and season average price per bushel received by farmers, 1967–69

State and division	Acreage planted for all purposes			Acreage harvested for grain			Grain production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	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	Dol-lars	Dol-lars	Dol-lars
Maine	13	14	16									
New Hampshire	14	14	15									
Vermont	56	63	74									
Massachusetts	29	29	31									
Rhode Island	5	5	5									
Connecticut	43	45	46									
New York	754	754	799	276	235	247	21,252	16,920	18,525	1.14	1.20	1.31
New Jersey	113	98	98	72	53	61	6,336	3,551	4,941	1.20	1.23	1.31
Pennsylvania	1,250	1,225	1,250	921	810	907	81,048	56,700	76,188	1.17	1.25	1.29
North Atlantic	2,277	2,247	2,334	1,269	1,098	1,215	108,636	77,171	99,654			
Ohio	3,539	3,121	3,022	3,240	2,884	2,740	249,480	242,256	232,900	1.01	1.07	1.17
Indiana	5,571	4,980	4,816	5,382	4,790	4,646	441,324	407,150	446,016	.99	1.05	1.10
Illinois	11,087	10,379	10,148	10,788	10,088	9,763	1,078,800	897,832	956,774	1.02	1.10	1.14
Michigan	1,833	1,705	1,671	1,407	1,266	1,266	91,455	96,216	93,684	.97	1.03	1.11
Wisconsin	2,770	2,715	2,715	1,703	1,754	1,684	136,240	163,122	139,772	1.06	1.08	1.14
Minnesota	6,069	5,400	4,964	4,943	4,548	4,184	355,896	368,388	355,648	.98	1.02	.99
Iowa	12,171	10,346	10,219	11,145	9,808	9,416	986,332	912,144	922,768	1.01	1.07	1.10
Missouri	3,357	3,189	2,966	2,929	2,958	2,603	202,101	245,514	182,210	1.10	1.09	1.20
North Dakota	729	642	571	140	132	123	5,880	6,468	6,765	1.00	1.02	.97
South Dakota	3,671	3,194	3,290	2,448	2,399	2,447	93,024	110,354	139,479	1.04	1.04	1.02
Nebraska	4,989	4,839	5,106	4,510	4,239	4,663	333,740	313,686	433,659	1.05	1.09	1.10
Kansas	1,866	1,448	1,535	1,060	1,134	1,236	72,080	85,050	91,464	1.06	1.06	1.15
North Central	57,152	51,958	51,023	49,695	46,000	44,771	4,046,352	3,848,180	4,001,131			
Delaware	223	192	184	211	177	170	15,403	8,673	13,260	1.10	1.14	1.23
Maryland	606	570	559	526	484	479	43,132	31,944	38,799	1.07	1.10	1.22
Virginia	675	629	613	484	436	432	35,332	30,956	30,264	1.18	1.12	1.27
West Virginia	87	78	81	56	44	49	3,584	2,376	3,087	1.24	1.27	1.35
North Carolina	1,551	1,520	1,475	1,381	1,348	1,321	104,956	80,880	89,828	1.12	1.12	1.28
South Carolina	452	438	458	391	387	402	22,287	17,415	18,394	1.16	1.16	1.31
Georgia	1,736	1,701	1,701	1,532	1,455	1,426	88,856	58,200	47,058	1.11	1.17	1.36
Florida	531	457	425	449	373	358	22,450	15,666	18,962	1.10	1.19	1.28
South Atlantic	5,861	5,585	5,496	5,030	4,704	4,637	336,000	246,110	258,152			
Kentucky	1,296	1,192	1,144	1,168	1,051	998	93,440	69,366	76,846	1.12	1.17	1.25
Tennessee	900	792	744	783	658	605	44,631	30,926	27,830	1.15	1.18	1.33
Alabama	978	802	738	860	688	619	37,840	22,016	17,332	1.16	1.18	1.37
Mississippi	467	430	390	420	370	318	17,640	14,430	9,858	1.27	1.24	1.36
Arkansas	76	59	62	64	52	47	2,688	1,976	1,504	1.25	1.21	1.26
Louisiana	178	162	162	157	143	134	6,280	5,863	3,886	1.30	1.25	1.35
Oklahoma	52	75	95	27	53	58	1,080	3,392	3,770	1.27	1.15	1.22
Texas	602	602	752	491	501	571	18,658	26,052	25,124	1.32	1.15	1.30
South Central	4,549	4,114	4,087	3,970	3,516	3,350	222,257	174,021	166,150			
Montana	70	70	65	7	4	6	476	300	420	1.30	1.26	1.27
Idaho	82	83	91	22	24	28	1,782	1,968	2,380	1.30	1.24	1.43
Wyoming	56	61	67	20	20	18	1,400	1,400	1,170	1.10	1.16	1.18
Colorado	501	506	541	259	267	283	20,720	22,428	25,753	1.15	1.15	1.21
New Mexico	45	50	52	16	17	17	800	1,020	1,054	1.33	1.36	1.40
Arizona	32	29	31	21	17	16	777	544	432	1.35	1.48	1.47
Utah	46	46	54									
Nevada	6	3	4									
Washington	54	62	72	18	20	28	1,656	1,940	2,940	1.33	1.30	1.37
Oregon	36	32	35	10	8	10	740	616	780	1.39	1.44	1.40
California	326	280	305	220	185	194	18,480	17,575	17,848	1.32	1.36	1.44
Western	1,254	1,222	1,317	593	562	600	46,831	47,791	52,777			
United States	71,093	65,126	64,267	60,557	55,880	54,573	4,760,076	4,393,273	4,577,864	1.04	1.08	1.13

<sup>1</sup> Preliminary.<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 41.—Corn: Utilization for silage, hogging down, grazing, and forage, by States, 1967-69

State and division	Acreage harvested for silage			Silage production			Hogged, grazed, and forage		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	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
Maine	13	14	16	214	203	264			
New Hampshire	14	14	15	238	221	255			
Vermont	56	63	74	868	895	1,110			
Massachusetts	29	29	31	455	415	527			
Rhode Island	5	5	5	68	65	78			
Connecticut	43	45	46	752	698	782			
New York	461	502	532	7,146	6,275	7,448	11	11	14
New Jersey	39	41	33	566	430	446	1	3	3
Pennsylvania	313	398	326	5,008	4,776	4,890	6	7	6
North Atlantic	973	1,111	1,078	15,315	13,978	15,800	18	21	23
Ohio	274	211	243	3,452	2,954	3,451	14	10	9
Indiana	156	136	143	2,028	2,040	2,288	24	24	13
Illinois	255	249	264	3,952	3,735	3,828	22	21	20
Michigan	368	390	378	3,864	4,290	4,347	30	23	18
Wisconsin	1,007	916	953	10,574	10,809	10,483	38	23	29
Minnesota	1,059	794	730	9,531	8,734	7,811	31	27	25
Iowa	528	475	456	7,128	6,888	6,840	60	42	40
Missouri	203	175	189	2,233	2,100	1,980	68	35	37
North Dakota	456	410	353	2,006	2,091	1,765	118	93	89
South Dakota	1,029	705	749	5,351	4,935	5,243	122	63	66
Nebraska	349	464	385	3,839	4,408	5,582	31	40	27
Kansas	240	271	252	3,000	3,388	3,276	24	12	14
North Central	5,924	5,196	5,086	56,958	56,372	56,894	582	413	387
Delaware	9	12	12	108	132	174	2	2	1
Maryland	74	80	74	1,147	960	1,073	4	4	4
Virginia	176	178	165	2,464	2,314	2,475	14	13	11
West Virginia	28	32	29	406	384	450	2	1	2
North Carolina	127	135	116	1,714	1,822	1,624	36	30	31
South Carolina	34	22	26	476	286	299	24	22	20
Georgia	50	65	57	625	715	513	144	154	158
Florida	13	14	11	156	168	121	58	59	46
South Atlantic	511	538	490	7,096	6,781	6,729	284	285	273
Kentucky	96	119	126	1,392	1,606	1,764	15	7	6
Tennessee	81	102	102	1,094	1,173	1,275	22	20	18
Alabama	48	43	37	528	387	352	63	56	60
Mississippi	32	41	38	416	472	399	10	9	9
Arkansas	7	3	5	74	26	42	3	3	6
Louisiana	9	7	10	90	77	90	9	8	6
Oklahoma	21	19	30	357	285	480	3	1	4
Texas	55	77	114	852	1,155	1,596	27	12	23
South Central	349	411	462	4,803	5,181	5,998	152	116	132
Montana	50	43	44	750	580	550	12	21	13
Idaho	57	56	60	1,026	1,008	1,110	2	2	2
Wyoming	32	31	42	480	418	609	4	7	6
Colorado	203	209	223	3,248	3,448	3,680	12	12	11
New Mexico	27	29	29	459	450	450	1	3	4
Arizona	10	10	13	210	195	286	1	1	1
Utah	43	44	52	796	748	910	2	1	1
Nevada	6	3	4	102	48	60			
Washington	34	40	42	612	800	882	2	2	2
Oregon	22	21	22	374	368	374	2	2	2
California	102	91	107	1,887	1,684	1,980	4	4	4
Western	586	577	638	9,944	9,747	10,891	42	55	46
United States	8,343	7,833	7,754	94,116	92,059	96,312	1,078	890	861

<sup>1</sup> Preliminary.

Statistical Reporting Service



Table 42.—Corn: Acreage, yield per acre, and production in specified countries, average 1960-64, annual 1968 and 1969<sup>1</sup>

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
<b>North America:</b>									
Canada	500	958	978	71.0	84.8	75.0	903	2,062	1,864
El Salvador	448	494	544	17.2	20.6	21.7	196	258	300
Guatemala	1,682	1,920	2,050	13.2	15.1	14.8	570	730	770
Honduras	959	1,018	.....	12.5	15.1	.....	303	390	350
Mexico	15,416	18,780	17,915	15.5	18.0	15.9	6,064	8,600	7,000
Nicaragua	353	573	471	13.9	14.2	14.2	142	206	170
United States	59,876	55,707	54,758	62.5	78.5	81.2	94,562	111,121	112,883
Total <sup>5</sup>	80,540	80,790	78,970	50.4	60.3	61.7	103,190	123,790	123,800
<b>South America:</b>									
Argentina	7,008	8,834	.....	28.4	30.7	.....	4,984	6,900	7,000
Brazil	19,308	22,538	24,957	20.6	20.1	22.1	10,112	11,500	14,000
Chile	183	143	.....	37.9	49.6	.....	176	180	.....
Colombia	1,814	1,829	2,039	17.5	17.2	17.4	807	800	900
Ecuador	508	519	531	11.7	13.7	15.6	151	180	210
Peru	833	890	.....	23.2	26.5	.....	497	600	.....
Uruguay	563	435	.....	10.3	11.7	.....	147	130	.....
Venezuela	1,058	1,347	.....	17.2	21.5	.....	461	736	.....
Total <sup>5</sup>	32,280	37,555	40,250	21.7	22.6	23.8	17,820	21,520	24,330
<b>Europe:</b>									
Austria	130	182	290	61.2	86.2	86.2	202	399	634
France	2,229	2,533	2,800	46.4	81.2	77.3	2,625	5,226	5,500
Germany, West	30	143	200	51.2	79.0	78.7	39	287	400
Greece	461	338	357	24.4	43.8	46.5	286	375	421
Italy	2,817	2,389	2,434	51.2	65.7	72.8	3,661	3,988	4,500
Portugal	1,208	1,082	1,030	18.3	19.7	21.3	562	548	557
Spain	1,139	1,292	1,359	37.2	43.9	52.0	1,075	1,440	1,700
Total Western Europe	8,014	7,922	8,470	41.8	60.9	63.7	8,450	12,263	13,712
Bulgaria	1,610	1,376	1,327	40.7	49.6	63.8	1,665	1,731	2,150
Czechoslovakia	509	331	311	39.4	53.8	57.5	509	452	454
Hungary	3,226	3,109	3,262	40.3	47.7	52.6	3,304	3,764	4,356
Romania	8,305	8,263	8,253	27.4	33.9	35.3	5,784	7,105	7,400
Yugoslavia	6,118	6,079	5,916	36.4	44.1	50.4	5,664	6,810	7,580
Total Eastern Europe	19,768	19,158	19,069	33.7	40.8	45.3	16,926	19,862	21,940
Total Europe	27,782	27,080	27,539	36.0	46.7	51.0	25,376	32,125	35,652
<b>U.S.S.R. (Europe and Asia)<sup>6</sup></b>									
	15,518	8,278	12,355	24.3	36.1	39.8	9,564	7,600	12,500
<b>Asia:</b>									
Turkey	1,689	1,656	1,668	21.4	23.8	26.0	916	1,000	1,100
India	11,200	14,124	14,085	15.5	15.9	16.8	4,402	5,701	6,000
Indonesia	7,156	7,937	.....	15.5	14.8	.....	2,823	2,993	3,400
Japan	100	44	40	40.9	45.6	39.4	104	51	40
Pakistan	1,190	1,531	1,614	16.5	16.2	16.1	498	629	662
Philippines	4,759	5,436	.....	10.2	10.5	.....	1,230	1,450	1,630
Thailand	922	.....	.....	30.7	.....	.....	720	1,500	1,700
Total <sup>5</sup>	53,400	59,850	59,970	17.2	18.0	18.7	23,390	27,400	28,540
<b>Africa:</b>									
Morocco	1,122	1,117	1,149	11.4	8.4	11.4	297	240	333
United Arab Republic	1,793	1,564	.....	40.0	57.8	.....	1,823	2,297	.....
Angola	1,465	.....	.....	10.9	.....	.....	409	.....	.....
Kenya	2,743	3,000	.....	18.6	20.2	.....	1,296	1,542	.....
South Africa, Republic of	13,106	12,805	.....	15.5	.....	.....	5,147	4,953	.....
Total <sup>5</sup>	35,890	37,910	37,970	17.4	17.8	19.9	15,840	17,100	19,240
<b>Oceania:</b>									
Australia	206	198	174	33.6	39.3	36.5	176	198	161
New Zealand	8	15	.....	77.8	89.3	.....	16	34	.....
Total <sup>5</sup>	214	213	189	35.3	42.7	.....	192	232	195
World total <sup>5</sup>	245,620	251,680	257,340	31.3	35.9	37.4	195,400	229,770	244,260

See footnotes on page 32.

Table 43.—Corn: Production and farm disposition, United States, 1960-69

Crop of—	Production for grain	Disposition on farms where grown			Crop of—	Production for grain	Disposition on farms where grown		
		Feed and seed	Home use <sup>1</sup>	Sold from farms			Feed and seed	Home use <sup>1</sup>	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960.....	3,906,949	2,127,476	2,425	1,777,048	1965.....	4,084,342	2,077,118	.....	2,007,224
1961.....	3,597,803	2,115,351	.....	1,482,452	1966.....	4,117,355	2,038,496	.....	2,078,859
1962.....	3,606,311	2,043,973	.....	1,562,338	1967.....	4,760,076	2,222,601	.....	2,537,475
1963.....	4,019,238	2,144,106	.....	1,875,132	1968.....	4,393,273	2,066,472	.....	2,326,801
1964.....	3,484,253	1,780,769	.....	1,703,484	1969 <sup>2</sup> .....	4,577,864	2,087,783	.....	2,490,081

<sup>1</sup> Beginning 1961, estimates discontinued.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 43.

Table 44.—Corn: Production and farm disposition, by States, crop of 1969 (preliminary)

State	Production for grain	Disposition on farms where grown		State	Production for grain	Disposition on farms where grown	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
New York.....	18,525	11,671	6,854	Georgia.....	47,058	24,000	23,058
New Jersey.....	4,941	2,125	2,816	Florida.....	13,962	6,562	7,400
Pennsylvania.....	76,188	52,570	23,618	Kentucky.....	76,846	46,108	30,738
Ohio.....	232,900	109,463	123,437	Tennessee.....	27,830	18,090	9,740
Indiana.....	446,016	160,566	285,450	Alabama.....	17,332	11,786	5,546
Illinois.....	956,774	277,464	679,310	Mississippi.....	9,858	8,379	1,479
Michigan.....	93,684	52,463	41,221	Arkansas.....	1,504	978	526
Wisconsin.....	139,772	104,829	34,943	Louisiana.....	3,886	2,876	1,010
Minnesota.....	355,640	181,376	174,264	Oklahoma.....	3,770	1,885	1,885
Iowa.....	922,768	498,295	424,473	Texas.....	25,124	11,306	13,818
Missouri.....	182,210	114,792	67,418	Montana.....	420	323	92
North Dakota.....	6,765	4,397	2,368	Idaho.....	2,380	1,380	1,000
South Dakota.....	139,479	83,687	55,792	Wyoming.....	1,170	725	445
Nebraska.....	433,659	177,800	255,859	Colorado.....	25,753	9,014	16,739
Kansas.....	91,464	23,781	67,683	New Mexico.....	1,054	685	369
Delaware.....	13,260	1,591	11,669	Arizona.....	432	130	302
Maryland.....	38,799	12,416	26,383	Washington.....	2,940	735	2,205
Virginia.....	33,264	20,624	12,640	Oregon.....	780	398	382
West Virginia.....	3,087	2,655	432	California.....	17,843	1,071	16,777
North Carolina.....	89,828	39,524	50,304	United States.....	4,577,864	2,087,783	2,490,081
South Carolina.....	18,894	9,258	9,636				

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 42

<sup>1</sup> 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 1969 is combined with preliminary forecasts for the Southern Hemisphere harvest, which begins late in 1969 and ends early in 1970.

<sup>2</sup> Harvested acreage as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A metric ton is approximately 39,368 bushels.

<sup>5</sup> Estimated totals include allowances for producing countries not shown.

<sup>6</sup> Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 45.—Corn: Supply and disappearance, United States, 1959–69

Year beginning October	Supply										
	Carryover stocks, Oct. 1				Production	Imports <sup>2</sup>	Total supply				
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	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>	<i>Million bushels</i>				
1959.....	325	634	565	1,524	3,825	1	5,350				
1960.....	452	736	599	1,787	3,907	1	5,695				
1961.....	588	813	615	2,016	3,598	1	5,615				
1962.....	579	590	484	1,653	3,606	1	5,260				
1963.....	534	435	396	1,365	4,019	1	5,385				
1964.....	681	442	414	1,537	3,484	1	5,022				
1965.....	581	258	308	1,147	4,084	1	5,232				
1966.....	530	176	134	840	4,117	1	4,958				
1967.....	569	156	98	823	4,760	1	5,584				
1968 <sup>3</sup> .....	782	277	103	1,162	4,393	1	5,556				
1969 <sup>3</sup> .....	728	242	143	1,113	4,578	1	5,692				

  

Year beginning October	Disappearance										
	Processed into food and industrial products						Seed	Live- stock feed <sup>5</sup>	Total domestic use	Total exports <sup>2</sup>	Total disap- pearance
	Break- fast foods	Corn- meal and grits <sup>4</sup>	Wet- process prod- ucts	Alcohol and distilled spirits	For domestic use	Exports of prod- ucts					
<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>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	
1959.....	16	95	154	31	278	18	12	3,043	3,333	230	3,563
1960.....	16	96	155	33	284	16	11	3,092	3,387	292	3,679
1961.....	17	102	169	36	304	20	11	3,212	3,527	435	3,962
1962.....	18	105	179	28	311	19	11	3,157	3,479	416	3,895
1963.....	19	111	195	26	328	23	11	3,009	3,348	500	3,848
1964.....	19	109	201	28	337	20	11	2,957	3,305	570	3,875
1965.....	20	111	204	30	348	17	13	3,344	3,705	687	4,392
1966.....	21	117	205	33	355	21	14	3,279	3,648	487	4,135
1967.....	21	117	210	34	362	20	12	3,415	3,789	633	4,422
1968.....	22	114	217	33	371	15	12	3,524	3,907	536	4,443

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Additional CCC stocks are included in other off-farm positions.

<sup>2</sup> Grain and grain equivalent of corn products. Compiled from reports of the Bureau of the Census.

<sup>3</sup> Preliminary.

<sup>4</sup> Estimated quantities used in producing cornmeal (including farm household use), 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 Internal Revenue Service.

<sup>5</sup> Residual; includes minor uses and waste.

Economic Research Service. Data for 1944–58 in *Agricultural Statistics, 1967*, table 46.

Table 46.—Corn and cornmeal: United States exports (domestic) by country of destination, average 1960-64, annual 1967 and 1968

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1967	1968		Average 1960-64	1967	1968
Corn:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	Cornmeal:	<i>Cwt.</i>	<i>Cwt.</i>	<i>Cwt.</i>
Canada <sup>1</sup> .....	22,992	31,028	31,458	Canada.....	108,740	655,748	589,267
Other Americas.....	9,472	13,368	11,025	Dominican Republic.....	126,902	77,864	222,293
Total Americas.....	32,464	44,396	42,483	Brazil.....	197,158	344,403	188,086
Belgium and Luxembourg.....	23,656	22,151	20,955	Colombia.....	153,169	67,947	38,087
Germany, West.....	25,458	49,073	42,193	Venezuela.....	50,634	3,324	5,368
Greece.....	5,956	7,398	11,393	Other Americas.....	653,184	432,555	377,283
Ireland.....	7,865	3,117	755	Total Americas.....	1,379,787	1,581,841	1,420,384
Italy.....	33,598	73,511	60,427	Portugal.....	29,431	9,037	.....
Netherlands.....	67,162	122,178	102,785	Other Europe.....	234,501	77,968	70,497
Norway.....	3,049	2,295	202	Total Europe.....	263,932	87,005	70,497
Spain.....	23,304	37,578	6,603	India.....	520,901	163,441	10,051
United Kingdom.....	90,093	68,583	65,087	Korea, Republic of.....	1,143,705	572,694	117,364
Other Europe.....	16,750	32,731	33,770	Philippines.....	241,146	44,975	45,848
Total Europe.....	296,891	418,615	344,170	Vietnam, South.....	110,130	452,501	357,473
India.....	4,097	2,855	48	Other Asia and Oceania.....	95,572	162,776	69,608
Israel.....	6,685	6,392	3,475	Morocco.....	2,215	371,504	475,867
Japan.....	45,036	89,726	107,566	Senegal.....	29,748	159,212	65,814
Other Asia and Oceania.....	3,983	5,322	10,641	South Africa, Republic of.....	2,215	26,343	70,265
United Arab Republic.....	9,965	.....	.....	United Arab Republic.....	311,402	12,981	.....
Other Africa.....	5,199	4,183	2,780	Other Africa.....	559,827	379,487	1,522,919
World total.....	404,320	571,489	511,163	World total.....	4,660,580	4,014,969	4,226,090
Relief or charity <sup>2</sup> .....	1,207	95	216	Relief or charity <sup>2</sup> .....	4,047,904	1,898,443	2,656,472

<sup>1</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

<sup>2</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 47.—Corn: Price-support operations, United States, 1960-70

Year beginning October	Support price		Season average price per bushel received by farmers	Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 30
	Per bushel <sup>1</sup>	Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
1960.....	Dollars 1.06	Percent 65	Dollars 1.00	Million bushels 637	Percent 16.3	Million bushels 407	Million bushels 1,371
1961.....	1.20	74	1.10	659	18.3	619	867
1962.....	1.20	75	1.12	591	16.4	450	803
1963.....	<sup>5</sup> 1.25	79	1.11	395	9.8	18	828
1964.....	<sup>5</sup> 1.25	80	1.17	216	6.2	17	540
1965.....	<sup>5</sup> 1.25	80	1.16	215	5.3	8	249
1966.....	<sup>5</sup> 1.30	81	1.24	264	6.4	12	139
1967.....	<sup>5</sup> 1.35	83	1.03	497	10.4	163	182
1968.....	<sup>5</sup> 1.35	82	1.08	404	9.2	11	295
1969.....	<sup>5</sup> 1.35	78	<sup>6</sup> 1.13	<sup>6</sup> 385	<sup>6</sup> 8.4	.....	.....
1970.....	<sup>5</sup> 1.35	<sup>6</sup> 76	.....	.....	.....	.....	.....

<sup>1</sup> Support to cooperators; noncooperators not eligible for support.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Represents loans made, purchases, and purchase agreements entered into.

<sup>4</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Includes price-support payments of 18 cents in 1963, 15 cents in 1964, 20 cents in 1965, and 30 cents in 1966-70 on a designated portion of the crop; proportions vary from year to year.

<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 48.

Table 48.—Corn: Average price per bushel, selected grades and markets, 1959–68

Year beginning October	No. 3 Yellow <sup>1</sup>					No. 2 Yellow, San Francisco <sup>2</sup>	No. 3 White, Kansas City <sup>1</sup>
	Chicago	Kansas City	Minne- apolis	Omaha	St. Louis		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1959	1.17	1.10	1.03	1.07	1.12	1.52	1.15
1960	1.10	1.05	.99	1.01	1.07	1.48	1.23
1961	1.11	1.10	1.02	1.03	1.11	1.50	1.48
1962	1.19	1.20	1.11	1.13	1.22	<sup>3</sup> 1.54	1.22
1963	1.20	1.23	1.13	1.17	1.24	1.58	1.32
1964	1.26	1.30	1.20	1.26	1.28	1.61	1.55
1965	1.27	1.27	1.22	1.23	1.20	1.58	1.37
1966	1.36	1.37	1.29	1.30	1.42	1.60	1.49
1967	1.12	1.18	1.08	1.11	1.10	1.46	1.21
1968 <sup>4</sup>	1.17	1.17	1.14	1.17	1.16	1.53	1.63

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

<sup>2</sup> Average of bulk-of-sales price for a day each week, compiled by Grain Division, Consumer and Marketing Service.

<sup>3</sup> Beginning 1962, prices are quoted at Stockton, California.

<sup>4</sup> Preliminary.

Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 49.

Table 49.—Oats: Acreage, yield, production, value, and foreign trade, United States, 1954-69

Year	Acreage seeded <sup>1</sup>	Acreage har- vested for grain	Yield per har- vested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Farm value	Average price per bushel at Chi- cago, year beginning July <sup>3</sup>	Foreign trade, in- cluding meal, year beginning July <sup>4</sup>	
								Do- mestic exports <sup>5</sup>	Imports for con- sump- tion <sup>6</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels
1954 <sup>7</sup>		<i>37,921</i>	<i>34.7</i>	<i>1,314,149</i>					
1954	46,898	40,551	34.8	1,409,601	71.4	1,002,206	79	15,427	20,024
1955	47,494	39,027	38.3	1,495,978	60.0	889,985	65	29,084	3,088
1956	44,205	33,333	34.5	1,151,398	68.6	792,080	78	27,293	16,799
1957	41,840	34,085	37.9	1,289,880	60.5	783,121	69	28,019	24,532
1958	37,699	31,247	44.8	1,401,410	57.8	811,033	70	31,892	3,460
1959		<i>26,573</i>	<i>37.7</i>	<i>1,001,092</i>					
1959	35,064	27,758	37.8	1,050,051	64.6	677,186	76	45,351	1,987
1960	31,419	26,588	43.4	1,153,332	59.9	692,694	69	29,251	1,332
1961	32,314	23,886	42.3	1,010,314	64.2	649,553	71	21,075	1,145
1962	29,500	22,377	45.2	1,012,197	62.4	635,586	70	24,459	4,357
1963	28,054	21,308	45.3	965,510	62.2	608,219	66	5,711	3,965
1964		<i>18,986</i>	<i>42.7</i>	<i>808,597</i>					
1964	25,634	19,759	43.1	852,257	63.1	540,875	72	4,750	3,806
1965	24,010	18,479	50.2	926,851	62.2	585,453	75	36,975	3,487
1966	23,301	17,861	44.9	801,327	66.5	538,421	77	18,851	3,844
1967	20,646	16,017	49.3	789,186	65.9	525,257	76	10,068	3,205
1968	23,166	17,533	53.6	939,228	59.9	569,114	64	8,114	2,089
1969 <sup>8</sup>	23,636	18,003	52.8	949,874	57.4	552,923			

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

<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> Compiled from reports of the Chicago Board of Trade; average of daily quotations for No. 2 white, weighted by carlot sales.

<sup>4</sup> Compiled from reports of the Department of Commerce. Oatmeal converted to grain equivalent on the basis of a bushel of grain to 13.17 pounds of meal.

<sup>5</sup> Includes shipments under the Army Civilian Supply Program.

<sup>6</sup> Includes "oats, unhulled, ground."

<sup>7</sup> Excludes some minor producing States and parts of other States where oats were not asked separately.

<sup>8</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 50.

Table 50.—Oats: Acreage, production, and season average price per bushel received by farmers, by States, 1967-69

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	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.....	38	39	41	31	32	34	1,395	1,664	1,564	79	74	65
Vermont.....	30	24	18	8	7	6	296	294	240	100	95	95
New York.....	501	461	410	429	420	365	22,308	24,780	20,440	79	70	73
New Jersey.....	16	16	16	11	11	10	473	517	400	86	77	77
Pennsylvania.....	508	508	488	450	477	444	20,250	26,712	22,644	80	71	72
North Atlantic..	1,093	1,043	973	929	947	859	44,722	53,967	45,288			
Ohio.....	544	762	671	488	683	560	24,400	45,078	32,480	73	58	59
Indiana.....	349	475	432	274	359	334	13,152	22,617	19,706	72	62	59
Illinois.....	945	1,115	1,148	756	756	718	43,848	49,896	43,798	67	60	57
Michigan.....	483	589	471	462	559	458	24,486	32,981	26,106	70	57	58
Wisconsin.....	1,838	1,838	1,764	1,757	1,739	1,687	107,177	106,079	102,907	70	65	64
Minnesota.....	3,046	3,655	3,618	2,885	3,289	3,453	157,232	197,340	193,368	61	56	55
Iowa.....	2,535	3,017	2,866	1,860	1,804	1,840	101,370	106,436	92,000	68	63	59
Missouri.....	369	351	260	219	243	170	8,541	10,935	6,290	75	70	70
North Dakota.....	1,910	2,254	2,660	1,702	2,110	2,490	62,974	103,390	139,440	55	51	47
South Dakota.....	2,457	2,580	2,657	2,311	2,357	2,357	107,462	106,065	109,600	60	56	53
Nebraska.....	569	632	683	483	464	548	21,011	12,760	23,838	68	67	63
Kansas.....	218	222	200	161	180	160	5,796	6,840	6,080	76	73	71
North Central..	15,263	17,490	17,430	13,358	14,543	14,775	677,448	800,417	795,613			
Delaware.....	4	3	4	3	2	3	132	80	159	73	70	72
Maryland.....	32	35	33	25	31	28	1,200	1,674	1,540	74	70	72
Virginia.....	112	108	104	55	55	49	2,860	2,640	2,401	78	75	70
West Virginia.....	32	30	23	15	16	12	615	704	504	87	79	83
North Carolina.....	273	265	252	142	131	131	6,532	6,419	6,681	75	71	70
South Carolina.....	191	162	152	95	81	83	3,420	3,200	3,901	82	76	76
Georgia.....	208	200	200	100	90	94	3,500	3,780	4,888	82	79	79
Florida.....	26	26	27	11	11	11	407	440	495	88	82	82
South Atlantic..	878	829	795	446	417	411	18,666	18,937	20,569			
Kentucky.....	75	58	55	19	22	19	760	880	836	75	74	73
Tennessee.....	141	148	148	45	43	43	1,845	1,763	1,892	84	82	84
Alabama.....	136	116	116	30	28	29	1,050	980	1,102	84	80	79
Mississippi.....	130	130	100	60	55	50	3,300	3,025	2,500	73	73	69
Arkansas.....	99	91	117	73	68	68	4,307	4,080	4,556	75	76	70
Louisiana.....	70	75	62	38	30	28	1,558	1,140	1,120	78	75	76
Oklahoma.....	206	241	287	112	132	158	3,360	4,488	6,478	78	74	69
Texas.....	1,357	1,628	1,937	315	583	670	6,615	19,822	25,460	82	74	69
South Central..	2,214	2,487	2,822	692	961	1,065	22,795	36,178	43,944			
Montana.....	244	293	460	140	182	291	5,180	7,280	14,550	64	61	55
Idaho.....	73	85	120	62	74	100	2,976	3,848	5,500	71	68	65
Wyoming.....	118	112	134	92	77	94	4,048	3,465	3,478	68	64	68
Colorado.....	114	135	182	60	71	100	2,610	2,627	4,300	79	75	71
Utah.....	30	34	31	21	21	22	1,281	1,092	1,210	80	79	78
Nevada.....	10	10	10	1	2	3	50	80	144	84	85	83
Washington.....	61	80	112	37	50	75	1,665	2,300	4,200	83	76	68
Oregon.....	155	163	170	94	103	113	3,760	4,532	6,323	83	75	68
California.....	393	404	397	85	85	95	3,995	4,505	4,750	84	82	82
Western.....	1,198	1,317	1,616	592	665	893	25,565	29,729	44,460			
United States..	20,646	23,166	23,636	16,017	17,533	18,003	789,196	939,228	949,874	65.9	59.9	57.4

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

<sup>2</sup> Preliminary.

<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 51.—Oats: Acreage, yield per acre, and production in specified countries, average 1960–64, annual 1968 and 1969<sup>1</sup>

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>
North America:	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
Canada <sup>5</sup> .....	9,210	7,556	7,655	42.7	48.0	48.5	6,070	5,591	5,728
Mexico.....	213	136	91	23.3	15.2	15.1	72	30	20
United States.....	22,784	17,533	18,003	43.9	53.6	52.8	14,496	13,633	13,787
Total.....	32,207	25,225	25,749	44.1	52.6	52.3	20,658	19,254	19,535
South America:									
Argentina.....	1,502	1,095	.....	34.3	30.8	.....	748	490	381
Chile.....	275	200	188	31.4	32.7	33.3	125	95	91
Uruguay.....	204	220	185	22.0	22.9	22.3	65	73	60
Total <sup>6</sup> .....	1,981	1,515	1,273	32.6	29.9	28.8	938	658	532
Europe:									
Austria.....	376	294	252	61.5	75.9	78.6	336	324	288
Belgium.....	308	215	208	93.5	100.9	93.7	418	315	283
Denmark.....	472	539	504	101.2	110.4	104.6	693	863	785
Finland.....	1,153	1,208	1,295	50.5	60.7	61.0	846	1,064	1,146
France.....	3,254	2,345	2,147	55.6	74.3	75.4	2,628	2,528	2,349
Germany, West.....	1,883	2,029	2,125	80.9	98.2	96.5	2,211	2,893	2,376
Greece.....	311	257	235	33.1	28.0	34.9	150	105	119
Ireland.....	352	217	188	71.6	86.6	84.0	366	273	230
Italy.....	1,003	798	771	36.1	33.7	43.9	525	390	491
Luxembourg.....	39	32	35	65.4	73.2	86.6	37	34	44
Netherlands.....	282	188	208	103.8	116.5	109.3	425	318	322
Norway.....	136	124	114	70.4	87.6	69.3	139	176	114
Portugal.....	689	554	531	7.9	16.1	11.1	79	129	95
Spain.....	1,347	1,285	1,231	23.5	28.5	29.8	459	522	533
Sweden.....	1,240	1,147	1,127	70.7	81.5	67.0	1,272	1,523	1,096
Switzerland.....	33	20	25	89.8	105.0	92.0	43	30	34
United Kingdom.....	1,529	944	944	76.8	89.4	98.5	1,705	1,225	1,350
Total Western Europe.....	14,407	12,176	11,935	59.0	71.9	70.6	12,332	12,712	12,225
Bulgaria.....	373	237	188	30.3	20.4	28.6	164	70	78
Czechoslovakia.....	1,097	1,011	988	54.6	59.2	67.4	870	869	907
Germany, East.....	835	633	618	74.3	84.0	82.7	900	864	742
Hungary.....	245	133	116	34.9	35.2	46.9	124	68	79
Poland.....	3,988	3,447	3,212	46.6	57.8	60.3	2,700	2,891	2,810
Romania.....	447	326	321	28.7	24.1	34.6	186	114	161
Yugoslavia.....	801	704	675	30.1	28.9	31.4	350	295	308
Total Eastern Europe.....	7,786	6,491	6,118	46.8	54.9	57.9	5,294	5,171	5,145
Total Europe.....	22,193	18,667	18,053	54.7	66.0	66.3	17,626	17,883	17,370
U.S.S.R. (Europe and Asia) <sup>7</sup> .....	21,050	22,239	22,239	21.5	30.0	30.9	6,560	9,700	9,960
Asia:									
Turkey.....	1,019	902	927	31.3	34.4	35.7	463	450	480
Japan.....	192	101	84	54.3	63.4	54.8	151	93	67
Total <sup>6</sup> .....	4,849	4,433	4,441	21.3	21.1	21.1	1,502	1,359	1,363
Africa:									
Morocco.....	68	49	52	20.2	34.7	21.2	17	25	16
South Africa, Republic of.....	509	688	.....	15.6	14.5	.....	115	145	129
Total <sup>6</sup> .....	710	822	782	16.0	15.9	14.1	165	190	160
Oceania:									
Australia.....	3,383	3,872	4,800	25.0	30.4	24.0	1,228	1,710	1,669
New Zealand.....	33	39	38	85.9	90.1	79.8	41	51	44
Total.....	3,416	3,911	4,838	25.6	31.0	24.4	1,269	1,761	1,713
World total <sup>6</sup> .....	86,400	76,800	77,400	38.8	45.6	45.0	48,700	50,800	50,600

See footnotes on page 38.

Table 52.—Oats: Production and farm disposition, United States, 1960–69

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1960.....	1,153,332	813,298	340,084	1965.....	926,851	612,966	313,885
1961.....	1,010,314	729,629	280,665	1966.....	801,327	525,833	275,494
1962.....	1,012,197	720,484	291,713	1967.....	789,196	523,440	265,756
1963.....	965,510	656,936	308,574	1968.....	939,228	586,071	353,157
1964.....	852,257	570,425	281,832	1969 <sup>1</sup> .....	949,674	577,929	371,945

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 53.

Table 53.—Oats: Production and farm disposition, by States, crop of 1969 (preliminary)

State	Production	Farm disposition		State	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
Maine.....	1,564	516	1,048	South Carolina.....	3,901	2,107	1,794
Vermont.....	240	190	60	Georgia.....	4,888	2,395	2,493
New York.....	20,440	16,148	4,292	Florida.....	495	332	163
New Jersey.....	400	312	88	Kentucky.....	836	686	150
Pennsylvania.....	22,644	18,115	4,529	Tennessee.....	1,892	1,343	549
Ohio.....	32,480	17,864	14,616	Alabama.....	1,102	793	309
Indiana.....	19,706	10,247	9,459	Mississippi.....	2,500	1,100	1,400
Illinois.....	43,798	23,651	20,147	Arkansas.....	4,556	1,048	3,508
Michigan.....	26,106	16,136	9,920	Louisiana.....	1,120	750	370
Wisconsin.....	102,907	86,442	16,465	Oklahoma.....	6,478	4,340	2,138
Minnesota.....	193,368	96,684	96,684	Texas.....	25,460	12,985	12,475
Iowa.....	92,000	67,160	24,840	Montana.....	14,550	10,040	4,510
Missouri.....	6,290	5,472	813	Idaho.....	5,500	2,365	3,135
North Dakota.....	139,440	69,720	69,720	Wyoming.....	3,478	2,295	1,183
South Dakota.....	109,600	70,144	39,456	Colorado.....	4,300	2,193	2,107
Nebraska.....	23,838	16,687	7,151	Utah.....	1,210	920	290
Kansas.....	6,080	4,256	1,824	Nevada.....	144	112	32
Delaware.....	159	142	17	Washington.....	4,200	1,470	2,730
Maryland.....	1,540	1,263	277	Oregon.....	6,328	2,215	4,113
Virginia.....	2,401	1,801	600	California.....	4,750	760	3,990
West Virginia.....	504	471	33				
North Carolina.....	6,681	4,209	2,472	United States.....	949,674	577,929	371,945

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 51

<sup>1</sup> 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 1969 is combined with preliminary forecasts for the Southern Hemisphere harvest, which begins late in 1969 and ends early in 1970. <sup>2</sup> Harvested acreage as far as possible. <sup>3</sup> Preliminary. <sup>4</sup> A metric ton is approximately 68.8944 bushels. <sup>5</sup> Production and yield reported in bushels of 34 pounds. <sup>6</sup> Estimated totals include allowance for any missing data for countries shown and for other producing countries not shown. <sup>7</sup> Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés, and Foreign Service Officers, results of office research and related information.



Table 54.—Oats: Stocks on and off farms, United States, 1960–69

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	<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>
1960.....	960,326	765,414	483,528	267,647	121,272	85,124	74,128	56,791
1961.....	858,326	693,432	431,208	228,401	113,169	80,132	62,968	47,878
1962.....	853,700	688,926	424,174	230,201	109,399	77,099	61,523	42,535
1963.....	820,559	677,593	439,798	249,038	112,871	85,382	71,726	63,328
1964.....	728,806	604,466	389,532	213,738	120,316	87,774	71,050	62,770
1965.....	780,118	659,865	448,355	240,746	138,613	102,605	87,258	75,460
1966.....	677,685	556,765	354,567	198,940	156,250	105,110	87,895	71,346
1967.....	646,183	548,803	361,671	206,173	135,670	104,378	83,534	66,511
1968.....	782,012	660,692	442,890	275,218	154,655	123,227	109,377	99,949
1969 <sup>3</sup> .....	829,616	723,295	528,779	.....	193,728	160,986	143,390	.....

<sup>1</sup> Old crop only.<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 55.

Table 55.—Oats: Supply and disappearance, United States, 1959–69

Year beginning July	Supply							
	Carryover stocks, July 1				Production	Imports <sup>2</sup>	Total supply	
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	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>	<i>Million bushels</i>
1959.....	297	62	7	366	1,050	2	1,418	
1960.....	227	39	1	267	1,153	1	1,421	
1961.....	268	55	1	324	1,010	1	1,335	
1962.....	228	46	2	276	1,012	4	1,292	
1963.....	230	40	3	273	966	4	1,243	
1964.....	249	58	5	312	852	4	1,168	
1965.....	214	56	7	277	927	3	1,207	
1966.....	241	66	9	316	801	4	1,121	
1967.....	199	64	7	270	789	3	1,062	
1968 <sup>3</sup> .....	206	60	7	273	939	2	1,214	
1969 <sup>3</sup> .....	275	93	7	375	950	3	1,328	

  

Year beginning July	Disappearance								
	Breakfast foods <sup>4</sup>		Seed	Live-stock feed <sup>5</sup>	Domestic disappearance	Exports <sup>2</sup>			Total disappearance
	Domestic use	Total				Grain	Oat products	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>	<i>Million bushels</i>	
1959.....	42	44	79	985	1,106	43	2	45	1,151
1960.....	43	45	82	943	1,068	27	2	29	1,097
1961.....	44	46	75	919	1,038	19	2	21	1,059
1962.....	46	47	71	878	995	23	1	24	1,019
1963.....	45	46	65	815	925	5	1	6	931
1964.....	45	46	61	780	886	4	1	5	891
1965.....	45	46	60	749	854	36	1	37	891
1966.....	43	46	53	735	831	17	3	20	851
1967.....	44	48	60	675	779	6	4	10	789
1968.....	46	50	61	724	831	4	4	8	839

See footnotes on page 40.

**Table 56.—Oats and oatmeal: United States exports (domestic) by country of destination, average 1960-64, annual 1967 and 1968**

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1967	1968		Average 1960-64	1967	1968
Oats:	1,000 bushels	1,000 bushels	1,000 bushels	Oatmeal:	1,000 pounds	1,000 pounds	1,000 pounds
Mexico.....	53	122	242	Mexico.....	8,382	5,007	2,336
Belgium and Luxembourg.....	948	568	414	Central America.....	6,124	8,726	8,336
Germany, West.....	2,744	1,076	.....	Colombia.....	2,646	1,200	3,692
Italy.....	1,091	866	.....	Ecuador.....	148	1,684	92
Netherlands.....	7,854	2,089	2,333	Venezuela.....	7,549	2,345	8,193
Switzerland.....	791	582	509	Other Americas.....	1,129	13,860	16,389
Other countries.....	1,983	238	290	United Kingdom.....	.....	565	.....
World total <sup>1</sup> .....	15,464	5,521	3,788	Vietnam, South.....	56	43,627	24,721
				Other countries.....	3,645	7,205	16,355
				World total.....	29,679	84,219	80,114

<sup>1</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 57.—Oats: Price-support operations, United States, 1960-70**

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million bushels	Percent	Million bushels	Million bushels
1960.....	0.50	60	0.599	19.7	1.7	0.5	10.4
1961.....	.62	74	.642	20.6	2.0	8.4	16.7
1962.....	.62	74	.624	32.0	3.2	19.0	18.6
1963.....	.65	77	.622	38.9	4.0	31.9	33.2
1964.....	.65	77	.631	43.1	5.1	25.1	42.2
1965.....	.60	70	.622	44.3	4.8	5.5	50.6
1966.....	.60	69	.665	22.9	2.9	1.5	47.2
1967.....	.63	72	.659	37.1	4.7	2.7	45.2
1968.....	.63	71	.598	94.8	10.1	26.2	64.3
1969.....	.63	67	.574	140.0	14.7	.....	.....
1970.....	.63	66	.....	.....	.....	.....	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 58.

#### FOOTNOTES FOR TABLE 55

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Additional CCC stocks are included in other off-farm positions.

<sup>2</sup> Includes grain and grain equivalent of oat products. Compiled from reports of the Bureau of the Census.

<sup>3</sup> Preliminary. Rough allowance for 1969-70 imports.

<sup>4</sup> Used in production of oatmeal and other cereal preparations. Based on the reports of the Bureau of the Census.

<sup>5</sup> Residual; includes other minor uses and waste.

Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 56.

Table 58.—Barley: Acreage, yield, production, value, and foreign trade, United States, 1954-69

Year	Acreage seeded <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Farm value	Price per bushel at Minneapolis, year beginning August <sup>3</sup>	Foreign trade including barley, flour, and malt, year beginning July <sup>4</sup>	
								Domestic exports <sup>5</sup>	Imports for consumption
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels
1954 <sup>6</sup>		<i>12,556</i>	<i>28.3</i>	<i>354,716</i>					
1954	14,740	13,370	28.4	379,254	1.09	408,828	1.32	43,463	24,109
1955	16,293	14,523	27.8	403,065	.920	369,752	1.15	102,890	28,275
1956	14,732	12,852	29.3	376,661	.990	370,508	1.20	61,842	26,542
1957	16,398	14,872	29.8	442,761	.887	389,461	1.17	91,582	24,387
1958	16,150	14,791	32.3	477,368	.900	426,902	1.15	116,685	14,311
1959		<i>14,199</i>	<i>28.1</i>	<i>398,312</i>					
1959	16,766	14,869	28.3	420,203	.860	357,584	1.09	118,200	17,880
1960	15,527	13,856	31.0	429,005	.840	355,248	1.07	85,702	15,252
1961	15,623	12,806	30.6	392,441	.979	376,112	1.33	84,409	19,543
1962	14,380	12,214	35.0	427,726	.915	385,871	1.11	67,500	5,404
1963	13,452	11,236	35.0	392,833	.897	350,020	1.09	70,650	12,475
1964		<i>9,805</i>	<i>36.9</i>	<i>362,198</i>					
1964	11,652	10,277	37.6	386,059	.947	362,098	1.20	60,662	11,954
1965	10,099	9,144	42.9	392,279	1.02	395,389	1.32	77,029	7,573
1966	11,134	10,205	38.5	393,186	1.05	408,394	1.33	45,241	7,382
1967	10,002	9,177	40.6	372,898	1.00	368,511	1.23	31,288	8,305
1968	10,477	9,709	43.6	422,959	.908	381,227	1.16	13,204	9,967
1969 <sup>7</sup>	10,158	9,388	44.4	417,156	.896	370,429			

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

<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> Price of No. 3 barley; average of daily prices weighted by carlot sales, as reported in the Minneapolis Daily Market Record.

<sup>4</sup> Compiled from reports of the U.S. Department of Commerce. Barley flour converted to grain equivalent on the basis of 22,032 pounds of flour to 1 bushel of grain. Barley malt converted to grain equivalent on the basis of 1 bushel of grain to 1 bushel of malt.

<sup>5</sup> Includes shipments under the Army Civilian Supply Program.

<sup>6</sup> Excludes some minor producing States and parts of other States where barley was not asked separately.

<sup>7</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 59.

**Table 59.—Barley: Acreage, production, and season average price per bushel received by farmers, by States, 1967–69**

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	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
New York.....	13	17	14	12	16	13	588	816	624	0.98	0.87	0.84
New Jersey.....	38	42	42	18	22	20	1,008	1,078	1,100	1.06	.90	.93
Pennsylvania.....	173	190	200	165	185	191	9,900	9,805	9,741	.99	.84	.90
North Atlantic.....	224	249	256	195	223	224	11,496	11,699	11,465	.....	.....	.....
Ohio.....	16	22	24	12	19	20	552	912	920	.87	.84	.85
Indiana.....	14	11	10	11	10	9	462	410	342	.90	.83	.85
Illinois.....	19	25	19	19	23	18	874	1,012	720	.88	.86	.81
Michigan.....	21	29	25	20	27	23	840	1,269	1,081	.90	.79	.79
Wisconsin.....	46	60	36	45	59	35	2,250	3,304	1,925	1.13	.87	.84
Minnesota.....	760	1,011	637	753	979	627	34,638	46,013	28,842	.92	.87	.82
Iowa.....	5	6	5	5	6	5	220	294	230	.92	.84	.85
Missouri.....	31	28	26	26	25	22	962	1,000	770	.99	.94	.89
North Dakota.....	2,751	2,696	2,238	2,653	2,628	2,180	87,549	106,353	92,650	.90	.80	.75
South Dakota.....	327	507	350	319	491	324	13,079	19,149	11,340	.94	.85	.79
Nebraska.....	29	41	33	25	35	25	875	1,155	850	.95	.88	.90
Kansas.....	119	125	200	80	100	165	2,160	3,700	6,105	.98	.91	.81
North Central.....	4,138	4,561	3,603	3,968	4,400	3,453	144,461	184,571	145,775	.....	.....	.....
Delaware.....	29	26	29	22	20	20	1,078	840	960	.92	.79	.86
Maryland.....	110	112	116	92	87	99	4,600	4,365	4,752	.95	.81	.84
Virginia.....	133	140	134	117	121	117	5,967	5,566	5,850	1.00	.90	.89
West Virginia.....	12	12	10	11	10	9	517	380	396	1.01	.89	.83
North Carolina.....	79	74	70	66	65	61	2,772	3,185	2,989	1.00	.90	.92
South Carolina.....	27	23	23	23	20	19	644	720	855	1.01	.92	.96
Georgia.....	11	7	6	9	6	5	279	228	230	.98	.97	.95
South Atlantic.....	401	394	388	340	339	330	15,857	15,284	16,032	.....	.....	.....
Kentucky.....	47	47	52	36	37	41	1,512	1,517	2,050	.99	.93	.85
Tennessee.....	23	22	25	15	17	17	465	527	612	1.06	1.04	.98
Arkansas.....	5	4	4	4	2	2	128	54	62	.98	1.04	.88
Oklahoma.....	221	301	479	167	269	422	3,841	9,684	14,770	1.02	.86	.81
Texas.....	175	192	146	75	124	94	1,350	3,348	3,290	1.00	.89	.86
South Central.....	471	566	706	297	449	576	7,296	15,180	20,784	.....	.....	.....
Montana.....	1,319	1,200	1,680	1,255	1,155	1,617	37,022	42,735	67,914	.86	.78	.75
Idaho.....	542	537	596	529	508	584	25,921	24,384	30,368	.92	.89	.93
Wyoming.....	111	118	132	96	108	116	4,512	5,076	5,916	.98	.90	.98
Colorado.....	279	293	311	237	251	261	11,494	10,918	11,484	.96	.93	.94
New Mexico.....	30	27	26	16	16	14	816	976	812	1.05	.97	1.07
Arizona.....	187	200	166	160	176	144	12,000	12,848	10,224	1.17	1.10	1.22
Utah.....	130	136	135	125	129	128	7,500	6,966	6,912	1.03	1.01	1.07
Nevada.....	19	18	20	17	15	19	986	900	1,102	1.18	1.13	1.23
Washington.....	235	273	393	226	255	370	9,492	10,710	17,020	1.05	.97	.88
Oregon.....	298	336	444	266	279	399	8,645	10,462	17,157	1.11	1.01	.96
California.....	1,618	1,569	1,302	1,450	1,406	1,153	75,400	70,300	54,191	1.13	1.11	1.23
Western.....	4,768	4,707	5,205	4,377	4,298	4,805	193,788	196,275	223,100	.....	.....	.....
United States.....	10,002	10,477	10,158	9,177	9,709	9,388	372,898	422,959	417,156	1.00	.908	.896

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

<sup>2</sup> Preliminary.

<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 60.—Barley: Acreage, yield per acre, and production in specified countries, average 1960-64, annual 1968 and 1969<sup>1</sup>

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
<b>North America:</b>									
Canada	5,866	8,836	9,535	29.4	36.8	39.7	3,752	7,084	8,238
Mexico	572	556	675	13.5	16.4	13.8	169	198	203
United States	12,078	9,709	9,888	33.8	43.6	44.4	8,831	9,209	9,082
<b>Total</b>	<b>18,516</b>	<b>19,101</b>	<b>19,988</b>	<b>31.6</b>	<b>39.7</b>	<b>41.1</b>	<b>12,752</b>	<b>16,491</b>	<b>17,523</b>
<b>South America:</b>									
Argentina	1,517	1,332	.....	22.8	19.1	.....	753	556	593
Chile	169	109	121	33.2	33.7	34.2	122	80	90
Colombia	168	106	141	29.8	30.3	26.1	109	70	80
Ecuador	265	264	272	14.9	19.1	16.9	86	110	100
Peru	449	444	457	19.0	17.6	17.6	186	170	175
Uruguay	120	99	96	13.1	22.3	19.6	34	48	41
<b>Total</b>	<b>2,688</b>	<b>2,354</b>	<b>2,337</b>	<b>22.0</b>	<b>20.2</b>	<b>19.8</b>	<b>1,290</b>	<b>1,034</b>	<b>1,009</b>
<b>Europe:</b>									
Austria	517	588	677	51.2	60.2	63.4	576	770	935
Belgium	305	381	383	69.0	69.2	66.8	458	574	557
Denmark	2,112	3,099	3,222	70.5	74.8	74.9	3,241	5,047	5,255
Finland	560	887	993	31.8	40.0	39.0	387	774	842
France	5,644	6,872	7,035	50.8	61.1	61.0	6,239	9,139	9,342
Germany, West	2,735	3,286	3,425	57.7	69.5	68.8	3,433	4,794	5,130
Greece	456	870	766	25.0	25.7	31.7	248	487	529
Ireland	396	452	455	58.2	69.9	75.6	502	689	750
Italy	516	432	432	23.7	27.4	31.0	266	258	292
Netherlands	227	264	245	75.7	67.7	72.9	374	389	389
Norway	407	435	450	47.7	65.5	46.2	423	621	454
Portugal	305	334	324	8.5	12.9	8.0	56	94	56
Spain	3,536	5,058	5,347	24.6	33.7	33.1	1,893	3,708	3,855
Sweden	933	1,366	1,408	51.6	59.7	49.9	1,049	1,776	1,530
Switzerland	75	74	96	60.3	68.9	64.6	99	112	135
United Kingdom	4,186	5,933	5,963	64.6	64.0	67.7	5,891	8,270	8,788
<b>Total Western Europe<sup>5</sup></b>	<b>22,930</b>	<b>30,366</b>	<b>31,261</b>	<b>50.4</b>	<b>57.1</b>	<b>57.1</b>	<b>25,155</b>	<b>37,729</b>	<b>38,892</b>
Bulgaria	793	996	1,028	37.2	37.4	41.1	643	810	919
Czechoslovakia	1,717	1,759	1,927	43.5	55.2	59.3	1,625	2,113	2,488
Germany, East	1,029	1,470	1,507	54.2	66.3	58.2	1,214	2,121	1,910
Hungary	1,278	954	939	34.5	43.5	44.3	960	904	905
Poland	1,754	1,574	1,890	35.1	43.6	42.2	1,342	1,494	1,735
Romania	603	722	741	30.3	37.5	38.1	398	590	615
Yugoslavia	892	771	741	27.1	26.8	28.5	527	450	459
<b>Total Eastern Europe</b>	<b>8,066</b>	<b>8,246</b>	<b>8,773</b>	<b>38.2</b>	<b>47.2</b>	<b>47.3</b>	<b>6,709</b>	<b>8,482</b>	<b>9,031</b>
<b>Total Europe<sup>5</sup></b>	<b>30,996</b>	<b>38,612</b>	<b>40,034</b>	<b>47.2</b>	<b>55.0</b>	<b>55.0</b>	<b>31,864</b>	<b>46,211</b>	<b>47,923</b>
<b>U.S.S.R. (Europe and Asia)<sup>6</sup></b>	<b>41,513</b>	<b>48,432</b>	<b>54,362</b>	<b>17.8</b>	<b>22.9</b>	<b>20.5</b>	<b>16,117</b>	<b>24,200</b>	<b>24,310</b>
<b>Asia:</b>									
Cyprus	161	.....	.....	19.1	.....	.....	67	50	105
Iran	3,500	4,201	3,954	12.5	13.9	13.9	950	1,270	1,200
Iraq	2,590	.....	.....	15.1	.....	.....	851	750	.....
Israel	165	96	62	18.0	11.5	17.7	65	25	25
Syria	1,859	.....	.....	13.4	.....	.....	542	300	.....
Turkey	6,816	6,746	6,758	22.3	23.8	24.5	3,310	3,500	3,600
India	7,765	8,340	6,815	15.6	19.3	16.3	2,630	3,504	2,424
Japan	1,575	781	699	46.5	60.0	53.4	1,593	1,021	812
Korea, Republic of	2,100	2,417	2,422	29.1	39.6	39.2	1,332	2,084	2,066
Pakistan	541	490	455	11.6	11.6	11.6	136	122	115
<b>Total<sup>5</sup></b>	<b>46,085</b>	<b>44,246</b>	<b>42,345</b>	<b>18.6</b>	<b>20.3</b>	<b>19.9</b>	<b>18,660</b>	<b>19,526</b>	<b>18,357</b>
<b>Africa:</b>									
Algeria	2,254	1,779	.....	11.6	13.9	.....	569	538	.....
Morocco	4,254	4,685	4,124	11.9	21.8	14.6	1,104	2,224	1,309
Tunisia	1,310	840	852	4.8	5.5	3.8	138	100	70
United Arab Republic	133	.....	.....	49.0	.....	.....	142	.....	.....
South Africa, Republic of	84	125	.....	19.7	12.8	.....	36	34	18
<b>Total<sup>5</sup></b>	<b>10,410</b>	<b>9,990</b>	<b>9,117</b>	<b>12.2</b>	<b>17.7</b>	<b>13.3</b>	<b>2,764</b>	<b>3,846</b>	<b>2,647</b>
<b>Oceania:</b>									
Australia	2,263	3,314	4,000	22.3	22.8	21.6	1,097	1,646	1,882
New Zealand	82	148	128	54.8	68.0	61.0	98	219	170
<b>Total</b>	<b>2,345</b>	<b>3,462</b>	<b>4,128</b>	<b>23.4</b>	<b>24.8</b>	<b>22.8</b>	<b>1,195</b>	<b>1,865</b>	<b>2,052</b>
<b>World total<sup>5</sup></b>	<b>152,550</b>	<b>166,200</b>	<b>171,900</b>	<b>25.5</b>	<b>31.3</b>	<b>30.4</b>	<b>84,600</b>	<b>113,200</b>	<b>113,800</b>

See footnotes on page 44.

Table 61.—Barley: Production and farm disposition, United States, 1960–69

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1960.....	429,005	136,715	292,290	1965.....	392,279	92,529	299,750
1961.....	392,441	118,534	273,907	1966.....	393,186	103,503	289,683
1962.....	427,726	130,358	297,368	1967.....	372,898	103,591	269,307
1963.....	392,833	110,814	282,019	1968.....	422,959	108,866	314,093
1964.....	386,059	91,400	294,659	1969 <sup>1</sup> .....	417,156	112,687	304,469

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 62.

Table 62.—Barley: Production and farm disposition, by States, crop of 1969 (preliminary)

State	Production	Farm disposition		State	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
New York.....	624	474	150	South Carolina.....	855	462	393
New Jersey.....	1,100	539	561	Georgia.....	230	150	80
Pennsylvania.....	9,741	7,598	2,143	Kentucky.....	2,050	1,456	594
Ohio.....	920	782	138	Tennessee.....	612	483	129
Indiana.....	342	270	72	Arkansas.....	62	28	34
Illinois.....	720	403	317	Oklahoma.....	14,770	4,874	9,896
Michigan.....	1,081	562	519	Texas.....	3,290	822	2,468
Wisconsin.....	1,925	539	1,386	Montana.....	67,914	12,904	55,010
Minnesota.....	28,842	5,192	23,650	Idaho.....	30,368	11,236	19,132
Iowa.....	230	184	46	Wyoming.....	5,916	3,135	2,781
Missouri.....	770	616	154	Colorado.....	11,484	3,675	7,809
North Dakota.....	92,650	19,456	73,194	New Mexico.....	812	309	503
South Dakota.....	11,340	5,330	6,010	Arizona.....	10,224	2,249	7,975
Nebraska.....	850	450	400	Utah.....	6,912	4,562	2,350
Kansas.....	6,105	2,869	3,236	Nevada.....	1,102	584	518
Delaware.....	960	355	605	Washington.....	17,020	2,213	14,807
Maryland.....	4,752	2,519	2,233	Oregon.....	17,157	3,088	14,069
Virginia.....	5,850	3,861	1,989	California.....	54,191	5,961	48,230
West Virginia.....	396	345	51	United States.....	417,156	112,687	304,469
North Carolina.....	2,989	2,152	837				

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 60

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1969 is combined with preliminary forecasts for Southern Hemisphere harvests, which begin late in 1969 and end early in 1970.

<sup>2</sup> Harvested acreage as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A metric ton is approximately 45.9296 bushels.

<sup>5</sup> Estimated totals include allowances for producing countries not shown.

<sup>6</sup> Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 63.—Barley: Supply and disappearance, United States, 1959-69

Year beginning July	Supply						
	Carryover stocks, July 1				Production	Imports <sup>2</sup>	Total supply
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	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>	
1959	66	110	20	196	420	18	634
1960	56	98	13	167	429	15	611
1961	65	74	13	152	392	20	564
1962	48	68	7	123	428	5	556
1963	67	70	9	146	393	13	552
1964	59	60	13	132	386	12	530
1965	38	55	7	100	392	8	500
1966	46	54	5	105	393	7	505
1967	57	61	4	122	373	8	503
1968 <sup>3</sup>	72	62	4	138	423	10	571
1969 <sup>3</sup>	115	80	4	199	417	10	626

  

Year beginning July	Disappearance								
	Domestic use as malt		Seed <sup>5</sup>	Live-stock feed <sup>6</sup>	Domestic disappearance	Exports			Total disappearance
	For alcohol and alcoholic beverages <sup>4</sup>	For food uses				Grain	Barley products	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>	<i>Million bushels</i>	<i>Million bushels</i>	
1959	87	6	24	232	349	114	4	118	467
1960	85	6	25	257	373	83	3	86	459
1961	87	6	23	241	357	82	2	84	441
1962	86	6	21	230	343	64	3	67	410
1963	91	7	18	233	349	68	3	71	420
1964	95	7	16	251	369	58	3	61	430
1965	97	8	17	196	318	75	2	77	395
1966	103	8	16	211	338	43	2	45	383
1967	104	8	17	205	334	29	2	31	365
1968	108	8	16	227	359	11	2	13	372

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Additional CCC stocks are included in other off-farm positions.

<sup>2</sup> Compiled from reports of the Bureau of the Census.

<sup>3</sup> Preliminary. Rough allowance for 1969-70 imports.

<sup>4</sup> Compiled from reports of the Internal Revenue Service. Includes small quantities of barley grain.

<sup>5</sup> Based on acreage seeded to the following crop.

<sup>6</sup> Residual; includes other minor uses and waste.

Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 64.

Table 64.—Barley: Stocks on and off farms, United States, 1960-69

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	<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>
1960.....	283,462	204,607	128,063	65,029	188,150	152,534	118,068	87,357
1961.....	242,080	179,788	98,269	47,695	191,361	154,298	117,794	75,760
1962.....	276,194	211,329	128,875	66,822	171,741	130,688	102,857	79,265
1963.....	257,340	195,061	126,942	58,527	163,426	130,418	101,794	73,043
1964.....	247,182	180,784	101,466	38,375	148,680	119,853	97,834	61,146
1965.....	243,804	184,514	99,174	46,132	143,530	116,298	93,961	58,631
1966.....	248,463	179,138	114,921	56,974	139,998	115,226	92,240	64,798
1967.....	232,580	184,640	129,092	71,524	148,900	118,539	89,266	66,144
1968.....	303,093	247,666	183,783	114,875	151,139	123,898	99,034	84,609
1969 <sup>3</sup> .....	306,638	257,970	192,825	.....	190,794	162,151	134,310	.....

<sup>1</sup> Old crop only.<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 65.

Table 65.—Barley and malt: United States exports (domestic) by country of destination, average 1960-64, annual 1967 and 1968

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1967	1968		Average 1960-64	1967	1968
	<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>
<b>Barley:</b>				<b>Malt:</b>			
Mexico.....	1,710	72	129	Canada.....	79	33	28
Belgium and Luxembourg.....	1,827	222	47	Mexico.....	148	61	136
Denmark.....	3,853	1,028	1,121	Costa Rica.....	48	27	20
Germany, West.....	14,912	1,283	.....	Honduras.....	120	164	226
Italy.....	5,977	9,264	2,512	Panama.....	80	8	8
Netherlands.....	7,955	344	.....	Dominican Republic.....	92	111	99
Poland.....	6,006	1,279	.....	Jamaica.....	29	68	93
Spain.....	2,177	.....	.....	Colombia.....	77	.....	.....
United Kingdom.....	611	.....	.....	Ecuador.....	14	5	1
Other Europe.....	8,105	566	676	Guyana.....	14	43	30
Israel.....	1,139	.....	.....	Peru.....	62	54	32
Japan.....	4,631	5,549	312	Venezuela.....	1,348	1,044	1,186
Korea, Republic of.....	7,561	7,841	3,226	Other Americas.....	158	39	29
Tunisia.....	904	.....	1,111	Congo (Kinshasa).....	304	62	63
Other countries.....	4,896	2,121	2,329	Japan.....	21	43	68
World total <sup>1</sup> .....	72,264	29,569	11,463	Other countries.....	28	13	7
				World total.....	2,622	1,775	2,026

<sup>1</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 66.—Barley: Average price per bushel for specified grades at selected markets, 1959-68

Year beginning August	Minneapolis <sup>1</sup>		Kansas City <sup>2</sup>	San Francisco <sup>3</sup>	Chicago <sup>2</sup>	Winnipeg <sup>4</sup>
	No. 3	No. 2 Malting	No. 3	Feed barley	Feed barley	No. 3 Western
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1959.....	1.094	1.162	0.934	1.120	0.981	1.017
1960.....	1.073	1.157	.927	1.128	.918	1.020
1961.....	1.330	1.411	1.092	1.130	1.114	1.293
1962.....	1.113	1.181	1.077	1.210	1.042	1.161
1963.....	1.091	1.178	1.042	1.247	.988	1.074
1964.....	1.196	1.268	1.062	1.231	1.016	1.170
1965.....	1.316	1.321	1.132	1.258	1.143	1.221
1966.....	1.328	1.348	1.146	1.345	1.171	1.251
1967.....	1.226	1.236	1.077	1.192	1.007	1.132
1968 <sup>5</sup> .....	1.157	1.153	.952	1.240	.779	.961

<sup>1</sup> Average of daily prices weighted by carlot sales.  
<sup>2</sup> Average of daily prices.  
<sup>3</sup> Beginning 1962, prices are quoted at Stockton, California.  
<sup>4</sup> Average spot price in U.S. currency.  
<sup>5</sup> Preliminary.

Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 67.

Table 67.—Barley: Price-support operations, United States, 1960-70

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1960.....	0.77	61	0.840	47.3	11.0	16.9	53.8
1961.....	.93	75	.979	44.2	11.3	14.0	34.1
1962.....	.93	74	.915	39.9	9.3	26.3	47.0
1963.....	<sup>4</sup> .96	77	.897	28.2	7.2	3.6	27.9
1964.....	<sup>4</sup> .96	78	.947	15.0	3.9	.3	19.5
1965.....	<sup>4</sup> .96	77	1.02	16.6	4.2	.5	10.8
1966.....	<sup>4</sup> 1.00	78	1.05	16.5	4.2	.6	5.9
1967.....	.90	68	1.00	48.3	13.0	4.0	5.9
1968.....	.90	67	.908	123.8	29.3	38.9	29.8
1969.....	<sup>4</sup> 1.03	73	<sup>5</sup> .896	<sup>5</sup> 75.0	<sup>5</sup> 18.0		
1970.....	<sup>4</sup> 1.03	<sup>5</sup> 71					

<sup>1</sup> Percentage of the parity prices as of the beginning of the marketing year.  
<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.  
<sup>3</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.  
<sup>4</sup> Includes price-support payments of 14 cents in 1963, 12 cents in 1964, 16 cents in 1965, and 20 cents in 1966, 1969, and 1970.  
<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 68.

Table 68.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1954–69<sup>1</sup>

Year	Wheat			Rye		Rice milled <sup>4</sup>		Corn					Oats		Barley		
	Total consumed <sup>2</sup>	Per capita consumption of food products		Total consumed <sup>2</sup>	Per capita consumption of rye flour	Total consumed <sup>2</sup>	Per capita consumption	Total consumed <sup>5</sup>	Per capita consumption of food products					Total consumed <sup>6</sup>	Per capita consumption of oat food products	Total consumed <sup>7</sup>	Per capita consumption of food products <sup>8</sup>
		Flour <sup>3</sup>	Cereal						Meal	Cereal	Sirup	Sugar	Starch				
	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million cwt.</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>	<i>Million bushels</i>	<i>Pounds</i>
1954.....	473	126	2.9	5.0	1.4	8.4	5.3	128	9.3	1.7	8.8	3.8	1.8	33	3.2	4	1.1
1955.....	472	123	2.9	5.1	1.4	8.8	5.5	132	8.7	1.7	9.0	3.7	2.0	34	3.3	4	1.0
1956.....	468	121	2.8	4.9	1.3	9.6	5.8	135	8.3	1.7	9.0	3.4	2.0	36	3.3	4	1.0
1957.....	470	119	2.8	4.7	1.2	9.6	5.7	135	7.9	1.7	8.9	3.2	1.9	37	3.4	4	1.0
1958.....	484	121	2.8	4.6	1.2	9.1	5.4	141	7.4	1.8	9.5	3.7	1.9	40	3.6	5	1.0
1959.....	486	120	2.8	4.5	1.2	8.7	5.0	147	7.0	1.8	9.8	3.9	1.9	41	3.6	5	1.0
1960.....	489	118	2.8	4.6	1.1	10.8	6.1	151	6.6	1.9	10.1	3.7	1.8	42	3.6	6	1.1
1961.....	496	118	2.8	4.4	1.1	11.2	6.2	155	6.3	1.9	10.6	3.7	1.8	43	3.6	6	1.1
1962.....	491	115	2.9	4.7	1.1	13.4	7.4	164	6.1	2.0	11.5	3.9	1.8	44	3.7	6	1.1
1963.....	493	113	2.9	4.7	1.1	12.2	6.6	180	5.9	2.1	12.3	4.5	1.8	45	3.7	7	1.1
1964.....	501	114	2.9	4.8	1.1	13.2	7.0	188	6.2	2.1	13.6	4.4	1.8	45	3.6	7	1.1
1965.....	502	113	2.9	5.1	1.1	14.5	7.6	194	6.5	2.2	13.6	4.5	1.8	44	3.4	7	1.1
1966.....	499	111	2.9	5.3	1.2	14.1	7.3	196	6.9	2.2	14.0	4.5	1.8	44	3.3	7	1.2
1967.....	507	112	2.9	5.4	1.2	14.6	7.5	202	7.2	2.3	14.0	4.6	1.8	43	3.2	8	1.2
1968.....	510	112	2.9	5.8	1.3	15.4	7.8	202	7.3	2.3	14.7	4.7	1.8	43	3.2	8	1.2
1969 <sup>9</sup> .....	513	112	2.9	5.4	1.2	16.5	8.3	214	7.4	2.3	15.0	4.8	1.8	44	3.2	8	1.2

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Excludes quantities used in alcoholic beverages.

<sup>3</sup> Includes white, whole wheat, and semolina flour.

<sup>4</sup> Rice consumption for year beginning August previous to the year stated.

<sup>5</sup> Corn used in food products, excluding alcoholic beverages. Includes an allowance or the quantity used as hominy and grits.

<sup>6</sup> Oats used in oatmeal, prepared breakfast foods, infant foods, and minor food products.

<sup>7</sup> Barley used in malt for human food and as pearl barley, excluding quantities used in alcoholic beverages.

<sup>8</sup> Malt equivalent of barley food products.

<sup>9</sup> Preliminary. Estimates of corn sirup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968.

Economic Research Service. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies. Data for 1909-53 in *Agricultural Statistics, 1967*, table 69.

Table 69.—Grains: Estimated stocks in principal exporting countries, July 1, 1960-69

Country and year	Wheat	Rye	Barley	Oats <sup>1</sup>	Corn	Total
	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 tons</i>
United States:						
1960	1,314	10	167	267	2,522	118,596
1961	1,411	14	152	324	2,824	130,626
1962	1,322	8	123	276	2,483	116,776
1963	1,195	7	146	273	2,130	103,558
1964	901	5	132	312	2,376	101,858
1965	817	13	100	277	1,893	84,710
1966	535	19	105	316	1,783	74,079
1967	425	19	122	270	1,743	69,321
1968	539	18	138	273	2,177	85,305
1969 <sup>2</sup>	811	16	198	370	2,053	92,919
Canada:						
1960	630	10	140	130	( <sup>3</sup> )	24,750
1961	645	9	130	145	( <sup>3</sup> )	25,187
1962	425	6	70	110	( <sup>3</sup> )	16,468
1963	520	5	105	180	( <sup>3</sup> )	21,320
1964	535	8	135	210	( <sup>3</sup> )	23,084
1965	547	9	99	158	9	21,980
1966	498	11	114	135	10	20,817
1967	627	10	156	140	11	25,512
1968	721	8	149	83	12	27,179
1969 <sup>2</sup>	890	9	217	137	13	34,873
Argentina:						
1960	140	20	22	23	140	9,576
1961	100	10	20	40	140	8,320
1962	70	10	15	20	145	7,120
1963	95	8	14	25	125	7,310
1964	175	10	20	30	160	10,970
1965	264	9	5	20	138	12,476
1966	107	5	6	14	205	9,458
1967	58	3	7	11	181	7,220
1968	147	3	10	14	180	9,965
1969 <sup>2</sup>	102	4	7	10	168	8,174
Australia:						
1960	145	( <sup>3</sup> )	12	45	( <sup>3</sup> )	5,358
1961	150	( <sup>3</sup> )	25	40	( <sup>3</sup> )	5,740
1962	98	( <sup>3</sup> )	15	35	( <sup>3</sup> )	3,860
1963	155	( <sup>3</sup> )	20	35	( <sup>3</sup> )	5,690
1964	117	( <sup>3</sup> )	12	60	( <sup>3</sup> )	4,758
1965	163	( <sup>3</sup> )	15	23	( <sup>3</sup> )	5,618
1966	120	( <sup>3</sup> )	14	38	( <sup>3</sup> )	4,546
1967	243	( <sup>3</sup> )	16	66	( <sup>3</sup> )	8,769
1968	158	( <sup>3</sup> )	16	25	( <sup>3</sup> )	5,529
1969 <sup>2</sup>	413	( <sup>3</sup> )	26	65	( <sup>3</sup> )	14,077
Total:						
1960	2,229	40	341	465	2,662	158,280
1961	2,306	33	327	549	2,964	169,873
1962	1,915	24	223	441	2,628	144,224
1963	1,965	20	285	513	2,255	137,878
1964	1,728	23	299	612	2,536	140,670
1965	1,791	31	219	478	2,040	124,784
1966	1,260	35	239	526	1,998	108,900
1967	1,354	31	301	496	1,935	110,822
1968	1,565	29	313	395	2,369	127,978
1969 <sup>2</sup>	2,216	29	448	582	2,234	150,044

<sup>1</sup> Canadian oats in bushels of 34 pounds; data for other countries in bushels of 32 pounds.

<sup>2</sup> Preliminary.

<sup>3</sup> Production small, and remaining stocks believed negligible.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information. Data for 1954-59 in *Agricultural Statistics, 1967*, table 70.

Table 70.—Sorghum grain, forage, and silage: Acreage, yield, production, and value, United States, 1954-69

Year	Acreage planted for all purposes <sup>1</sup>		Grain <sup>2</sup>				Forage <sup>4</sup>					Silage		
			Acreage harvested	Yield per harvested acre	Production	Price per bushel <sup>3</sup>	Farm value	Acreage harvested	Yield per harvested acre	Production	Price per ton <sup>5</sup>	Farm value	Acreage harvested	Yield per harvested acre
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons<sup>6</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons<sup>7</sup></i>
1954.....	20,148	<i>11,304</i>	<i>19.8</i>	<i>224,014</i>	1.26	296,063	5,053	1.02	5,172	17.70	91,626	1,359	5.59	7,603
1954.....	23,921	11,718	20.1	235,575	.977	238,005	6,142	1.09	6,725	15.60	104,825	1,758	5.49	9,643
1955.....	21,384	9,209	22.2	204,881	1.15	236,024	6,136	.73	4,457	20.40	90,964	1,463	6.28	9,194
1956.....	26,682	19,682	28.8	567,506	.973	550,599	3,991	1.69	6,729	12.50	84,070	1,989	8.33	16,560
1957.....	20,675	16,524	35.2	581,012	.999	579,635	2,118	1.99	4,209	10.70	45,132	1,418	9.28	13,155
1959.....	19,508	<i>14,561</i>	<i>34.9</i>	<i>508,149</i>										
1959.....	19,598	15,406	36.1	555,441	.858	472,078	2,265	1.69	3,835	15.30	58,837	1,347	8.60	11,640
1960.....	14,294	10,985	43.7	480,208	1.01	483,067	1,701	1.99	3,861	15.70	60,623	1,386	9.10	12,618
1961.....	15,060	11,571	44.1	510,284	1.02	516,518	1,960	2.04	3,991	14.40	57,280	1,227	10.5	12,907
1962.....	17,516	13,326	43.9	585,394	.977	567,785	2,365	1.82	4,299	16.90	72,709	1,273	10.1	12,826
1964.....	16,770	<i>11,168</i>	<i>41.4</i>	<i>468,715</i>										
1964.....	17,079	11,742	41.7	489,796	1.05	511,988	2,809	1.48	4,147	17.90	74,241	1,200	9.40	11,249
1965.....	16,372	13,029	51.6	672,698	1.00	667,967	2,376	1.87	4,451	14.80	65,677	1,195	10.3	12,324
1966.....	18,007	12,813	55.8	714,992	1.03	738,944	2,064	2.07	4,273	15.90	67,728	1,089	10.9	11,851
1967.....	18,014	14,999	50.4	755,936	.991	744,666	2,381	1.75	4,158	16.80	69,676	1,031	9.9	10,182
1968.....	17,438	13,995	52.9	739,695	.949	699,188	2,617	2.01	5,269	17.30	91,247	902	10.8	9,707
1969 <sup>8</sup> .....	17,438	13,463	55.2	743,124	1.08	795,626	2,811					766	11.7	8,984

GRAINS, 1970

<sup>1</sup> Grain and sweet sorghums for all uses, including sirup.

<sup>2</sup> Includes both grain sorghums for grain, and sweet sorghums for grain or seed.

<sup>3</sup> Based on the reported price of grain sorghums. Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>4</sup> Beginning in 1969, forage production estimates discontinued.

<sup>5</sup> Dec. 1 price.

<sup>6</sup> Dry weight.

<sup>7</sup> Green weight.

<sup>8</sup> Preliminary.

Statistical Reporting Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967, table 71.*

Table 71.—Sorghum grain, forage, and silage: Acreage, yield, production, and season average price per bushel and per ton received by farmers, by States, 1967–69

State	Acreage harvested			Yield per acre			Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
Grain												
	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels	Dol-lars <sup>3</sup>	Dol-lars <sup>3</sup>	Dol-lars <sup>3</sup>
Indiana	11	11	11	65.0	66.0	65.0	715	728	715	0.99	0.89	1.01
Illinois	8	10	7	55.0	60.0	60.0	440	600	420	.98	.89	.98
Iowa	47	48	36	65.0	70.0	82.0	3,055	3,360	2,952	.94	.91	1.01
Missouri	248	216	214	58.0	66.0	64.0	14,384	14,256	13,696	.98	.89	1.03
South Dakota	317	244	207	24.0	34.0	44.0	7,608	8,296	9,108	.82	.88	.93
Nebraska	2,193	1,754	1,508	56.5	58.0	76.0	123,904	101,732	114,608	.89	.88	.97
Kansas	3,248	3,475	3,266	46.0	47.0	56.0	149,408	163,325	182,896	.94	.91	1.02
Virginia	8	9	14	50.0	52.0	55.0	400	468	770	1.05	.99	1.09
North Carolina	46	45	49	50.0	52.0	56.0	2,300	2,340	2,744	1.05	1.02	1.09
South Carolina	7	6	9	35.0	33.0	36.0	245	198	324	1.11	1.04	1.15
Georgia	11	10	14	37.0	28.0	40.0	407	280	560	1.10	1.05	1.06
Kentucky	8	8	8	57.0	50.0	49.0	456	400	392	.97	.99	.98
Tennessee	14	11	11	44.0	47.0	47.0	616	517	517	1.06	.98	.98
Alabama	8	10	13	35.0	28.0	33.0	280	280	429	1.09	.98	1.04
Mississippi	10	26	28	45.0	49.0	48.0	450	1,274	1,344	1.05	.96	1.09
Arkansas	47	50	72	43.0	41.0	40.0	2,021	2,050	2,880	1.08	1.00	1.04
Louisiana	25	34	32	36.0	40.0	34.0	900	1,360	1,088	1.07	.96	1.09
Oklahoma	679	638	542	38.0	41.0	47.0	25,802	26,158	25,474	1.00	.95	1.10
Texas	6,735	6,196	6,196	51.0	55.0	50.0	343,485	340,780	309,800	1.01	.95	1.10
Colorado	345	324	305	36.0	36.0	36.0	12,420	11,664	10,980	.96	.99	1.07
New Mexico	314	279	301	61.0	58.0	56.0	19,154	16,182	16,856	.99	.99	1.18
Arizona	246	231	199	81.0	79.0	78.0	19,926	18,249	15,522	1.17	1.14	1.33
California	424	360	421	65.0	70.0	69.0	27,560	25,200	29,049	1.21	1.22	1.32
United States	14,999	13,995	13,463	50.4	52.9	55.2	755,936	739,695	743,124	.991	.949	1.08
Forage <sup>4</sup>												
	1,000 acres	1,000 acres	1,000 acres	Tons <sup>5</sup>	Tons <sup>5</sup>	Tons <sup>5</sup>	1,000 tons <sup>5</sup>	1,000 tons <sup>5</sup>	1,000 tons <sup>5</sup>	Dol-lars	Dol-lars	Dol-lars
Illinois	7	8	9	3.00	3.00	3.00	21	24	24	9.00	9.00	9.00
Iowa	6	7	8	3.00	3.50	3.50	18	24	24	9.00	9.00	9.00
Missouri	49	45	27	3.00	3.50	3.50	147	158	147	9.20	9.40	9.40
North Dakota	8	5	6	1.15	1.50	1.50	9	8	8	10.50	11.50	11.50
South Dakota	124	125	129	1.70	2.50	2.50	211	312	312	10.50	11.00	11.00
Nebraska	130	133	198	2.50	3.00	3.00	325	399	399	9.80	11.00	11.00
Kansas	538	516	462	2.30	2.30	2.30	1,237	1,187	1,187	12.50	12.50	12.50
Virginia	4	1	3	2.00	1.90	1.90	8	8	8	20.00	17.00	17.00
North Carolina	9	11	6	1.80	2.20	2.20	16	24	24	20.00	18.50	18.50
South Carolina	10	10	7	1.50	1.60	1.60	15	16	16	20.00	20.00	20.00
Georgia	22	15	15	1.80	1.70	1.70	40	26	26	22.00	20.00	20.00
Kentucky	8	5	5	2.10	2.20	2.20	17	11	11	15.00	13.00	13.00
Tennessee	9	8	8	2.25	2.00	2.00	20	16	16	15.50	16.50	16.50
Alabama	11	12	10	1.80	1.85	1.85	20	22	22	18.00	17.00	17.00
Mississippi	7	7	7	3.00	3.00	3.00	21	21	21	19.00	19.00	19.00
Arkansas	17	24	17	3.10	2.75	2.75	53	66	66	17.50	18.00	18.00
Louisiana	9	8	7	1.80	2.00	2.00	16	16	16	21.00	21.00	21.00
Oklahoma	317	275	389	1.35	1.50	1.50	428	412	412	18.00	18.50	18.50
Texas	777	1,053	1,096	1.40	2.00	2.00	1,088	2,106	2,106	24.50	22.50	22.50
Colorado	223	262	307	1.10	1.00	1.00	245	262	262	17.50	17.50	17.50
New Mexico	86	79	85	1.90	1.60	1.60	163	126	126	20.50	18.50	18.50
Arizona	1	1	1	4.00	3.00	3.00	4	3	3	14.50	15.50	15.50
California	9	7	9	4.00	4.00	4.00	36	28	28	20.00	21.00	21.00
United States	2,381	2,617	2,811	1.75	2.01	2.01	4,158	5,269	5,269	16.80	17.30	17.30

See footnotes at end of table.

Table 71.—Sorghum grain, forage, and silage: Acreage, yield, production, and season average price per bushel and per ton received by farmers, by States, 1967-69—  
Continued

State	Silage											
	Acreage harvested			Yield per acre			Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969
	1,000 acres	1,000 acres	1,000 acres	Tons <sup>5</sup>	Tons <sup>5</sup>	Tons <sup>5</sup>	1,000 tons <sup>5</sup>	1,000 tons <sup>5</sup>	1,000 tons <sup>5</sup>	Dol-lars	Dol-lars	Dol-lars
Indiana	9	9	10	11.0	12.0	13.0	99	108	130			
Illinois	5	5	5	12.0	12.0	12.5	60	60	62			
Iowa	13	16	13	11.0	12.0	15.0	143	192	195			
Missouri	29	29	23	9.0	13.0	11.5	261	377	264			
North Dakota	1	3	3	2.9	4.5	3.5	3	14	10			
South Dakota	83	76	56	5.0	7.7	7.5	415	585	420			
Nebraska	133	102	104	10.0	10.5	12.0	1,330	1,071	1,248			
Kansas	432	354	269	10.0	10.5	12.5	4,320	3,717	3,362			
Virginia	10	9	5	11.5	11.0	12.0	115	99	60			
North Carolina	16	13	16	12.0	10.5	13.0	192	136	208			
South Carolina	14	10	13	9.0	9.5	9.0	126	95	117			
Georgia	12	15	19	12.5	11.0	11.0	150	165	209			
Kentucky	3	3	2	13.0	12.0	14.0	39	36	28			
Tennessee	4	4	6	10.5	10.0	10.5	42	40	63			
Alabama	20	17	12	11.0	9.5	12.0	220	162	144			
Mississippi	38	32	47	13.0	12.0	13.0	494	384	611			
Arkansas	20	12	18	11.0	11.0	10.5	220	132	189			
Louisiana	5	5	6	10.0	12.5	11.0	50	62	66			
Oklahoma	46	25	26	9.0	9.5	10.0	414	238	260			
Texas	78	113	70	9.0	12.0	10.0	702	1,356	700			
Colorado	30	24	16	10.0	11.0	10.0	300	264	160			
New Mexico	11	8	6	13.0	11.3	11.5	143	90	69			
Arizona	4	4	5	20.5	18.0	21.0	82	72	105			
California	15	14	16	17.5	18.0	19.0	262	252	304			
United States	1,031	902	766	9.9	10.8	11.7	10,182	9,707	8,984			

<sup>1</sup> Preliminary.

<sup>2</sup> For grain, includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States. For forage, price is based on sales to Dec. 1.

<sup>3</sup> Based on the reported price of grain sorghums.

<sup>4</sup> Beginning in 1969, forage production estimates discontinued.

<sup>5</sup> Dry weight for forage; green weight for silage.

Statistical Reporting Service.

Table 72.—Sorghum grain: Production and farm disposition, United States, 1960-69

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1960	619,954	154,469	465,485	1965	672,698	148,371	524,327
1961	480,208	120,753	359,455	1966	714,992	133,420	581,572
1962	510,284	126,127	384,157	1967	755,936	152,164	603,722
1963	585,394	135,636	449,758	1968	739,695	141,275	598,420
1964	489,796	106,215	383,581	1969 <sup>1</sup>	743,124	159,034	584,090

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 73.

Table 73.—Sorghum grain: Production and farm disposition, by States, crop of 1969 (preliminary)

State	Production	Farm disposition		State	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
Indiana	715	343	372	Tennessee	517	377	140
Illinois	420	218	202	Alabama	429	343	86
Iowa	2,952	1,742	1,210	Mississippi	1,344	511	833
Missouri	13,696	6,985	6,711	Arkansas	2,880	864	2,016
South Dakota	9,108	4,827	4,281	Louisiana	1,088	490	598
Nebraska	114,608	30,944	83,664	Oklahoma	25,474	7,642	17,832
Kansas	182,896	62,185	120,711	Texas	309,800	27,882	281,918
Virginia	770	685	85	Colorado	10,980	2,525	8,455
North Carolina	2,744	906	1,838	New Mexico	16,856	3,708	13,148
South Carolina	324	259	65	Arizona	15,522	2,018	13,504
Georgia	560	420	140	California	29,049	2,905	26,144
Kentucky	392	255	137	United States	743,124	159,034	584,090

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 74.—Sorghum grain: Stocks on and off farms, United States, 1960-70

Year	On farms				Off farms <sup>2</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960	186,825	107,112	44,211	22,726	683,152	636,909	591,952	558,495
1961	216,907	108,983	54,390	32,414	815,483	750,808	699,580	669,515
1962	148,825	83,538	41,585	24,241	889,686	767,816	704,363	636,729
1963	177,636	101,716	50,667	34,815	846,514	725,258	643,767	619,811
1964	189,625	110,128	63,091	42,347	833,074	730,349	651,776	606,453
1965	154,258	98,008	61,564	47,442	767,589	669,893	595,677	518,093
1966	212,918	133,587	71,362	50,614	765,142	590,556	461,521	340,587
1967	234,168	133,178	81,980	44,414	586,872	399,312	253,553	199,486
1968	213,026	142,130	80,719	58,145	519,341	374,907	277,408	230,948
1969	221,739	129,823	83,816	53,206	523,364	413,366	302,491	235,040
1970 <sup>3</sup>	188,912	120,261			503,506	385,895		

<sup>1</sup> Old crop only.

<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 75.

Table 75.—Sorghum grain, No. 2 Yellow: Average market price per 100 pounds at selected markets, 1959-68

Year beginning October	Kansas City	Fort Worth	Los Angeles	San Francisco <sup>1</sup>	Year beginning October	Kansas City	Fort Worth	Los Angeles	San Francisco <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1959	1.69	1.98	2.15	2.24	1964	2.08	2.39	2.58	2.59
1960	1.77	2.04	2.23	2.29	1965	1.98	2.27	2.45	2.44
1961	1.87	2.06	2.31	2.38	1966	2.11	2.40	2.56	2.58
1962	1.94	2.13	2.36	2.43	1967	1.96	2.27	2.45	2.44
1963	2.01	2.29	2.47	2.53	1968	1.97	2.31	2.53	2.50

<sup>1</sup> Beginning 1961, prices in Stockton, California.

Consumer and Marketing Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 77.

Table 76.—Sorghum grain: United States exports (domestic) by country of destination, average 1960-64, annual 1967 and 1968

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1967	1968		Average 1960-64	1967	1968
Western Hemisphere:	1,000 bushels	1,000 bushels	1,000 bushels	Asia:	1,000 bushels	1,000 bushels	1,000 bushels
Canada.....	212	573	835	India.....	1,041	36,337	4,969
Mexico.....	2,445	3,356	1,104	Israel.....	6,729	13,916	15,946
Others.....	731	738	567	Japan.....	21,958	76,858	67,497
Total Americas.....	3,388	4,667	2,506	Others.....	548	45	131
Europe:				Total Asia and Oceania.....	30,276	127,156	88,543
Belgium and Luxembourg.....	16,688	12,080	2,667	Africa:			
Germany, West.....	3,717	2,742	702	Ethiopia.....	240	49	.....
Ireland.....	557			Senegal.....	244	262	286
Netherlands.....	29,111	14,626	4,538	South Africa, Republic of.....	24	57	4
Norway.....	1,671	5,121	593	Western Africa <sup>1</sup> .....	31	17	231
Poland.....	5,313	2,402	1,260	Others.....	858	219	62
United Kingdom.....	6,222	44		Total Africa.....	1,397	604	583
Others.....	3,598	3,779	4,710	World total.....	101,938	173,221	106,102
Total Europe.....	66,877	40,794	14,470				

<sup>1</sup> Not elsewhere classified.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 77.—Sorghum grain: Price-support operations, United States, 1960-70

Year beginning October	Support price		Season average price per cwt. received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC Sept. 30
	Per cwt.	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million cwt.	Percent	Million cwt.	Million cwt.
1960.....	1.52	61	1.49	113.6	32.7	97.7	377.1
1961.....	1.93	78	1.80	109.9	40.9	108.5	362.7
1962.....	1.93	77	1.82	122.8	43.0	121.7	342.8
1963.....	<sup>4</sup> 2.00	80	1.74	78.0	23.8	70.0	344.5
1964.....	<sup>4</sup> 2.00	82	1.88	46.5	16.9	37.4	302.1
1965.....	<sup>4</sup> 2.00	81	1.76	59.4	15.8	42.7	215.4
1966.....	<sup>4</sup> 2.05	80	1.82	15.5	3.9	( <sup>5</sup> )	108.2
1967.....	<sup>4</sup> 2.14	83	1.77	36.6	8.6	2.2	107.5
1968.....	<sup>4</sup> 2.15	81	1.69	41.3	10.0	2.7	111.4
1969.....	<sup>4</sup> 2.14	77	<sup>6</sup> 1.93	<sup>6</sup> 22.4	<sup>6</sup> 5.4		
1970.....	<sup>4</sup> 2.14	<sup>6</sup> 73					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Includes price-support payments of 29 cents in 1963, 23 cents in 1964, 35 cents in 1965, and 53 cents in 1966-69.

<sup>5</sup> Less than 50,000 cwt.

<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 78.



Table 78.—Sorghum grain: Supply and disappearance, United States, 1959-69

Year beginning October	Supply			Disappearance					
	Carry-over stocks	Production	Total supply	Food and industrial uses <sup>1</sup>	Seed	Live-stock feed <sup>2</sup>	Domestic disappearance	Exports <sup>3</sup>	Total disappearance
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1959	510	555	1,065	12	2	372	386	98	484
1960	581	620	1,201	11	2	415	428	71	499
1961	702	480	1,182	9	2	411	422	99	521
1962	661	510	1,171	10	2	391	403	113	516
1963	655	585	1,240	11	2	471	484	107	591
1964	649	490	1,139	11	2	412	425	148	573
1965	566	673	1,239	11	2	569	582	266	848
1966	391	715	1,106	11	2	601	614	248	862
1967	244	756	1,000	11	2	532	545	166	711
1968 <sup>4</sup>	289	740	1,029	11	2	622	635	106	741
1969 <sup>4</sup>	288	743	1,031						

<sup>1</sup> Includes an allowance for wet-process products.<sup>2</sup> Residual; includes small quantities for other uses and waste.<sup>3</sup> Compiled from reports of the Bureau of the Census.<sup>4</sup> Preliminary.Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 79.

Table 79.—Commercial feeds: Disappearance for feed, United States, 1959-68

Year beginning October	Oilseed cake and meal						Animal proteins			
	Soy-bean	Cotton-seed	Linseed	Peanut	Copra	Total	Tankage and meat meal	Fish meal	Dried milk <sup>1</sup>	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
1959	8,449	2,350	304	60	133	11,276	1,664	444	153	2,261
1960	8,537	2,498	378	76	162	11,951	1,695	542	170	2,407
1961	9,232	2,622	330	53	135	12,372	1,760	622	155	2,547
1962	9,556	2,585	320	68	113	12,642	1,837	663	202	2,702
1963	9,138	2,696	327	79	94	12,334	1,940	737	214	2,891
1964	9,236	2,680	300	99	100	12,415	1,932	619	236	2,787
1965	10,274	2,562	284	108	108	13,336	1,960	638	275	2,873
1966	10,820	1,755	248	115	90	13,028	2,068	827	255	3,150
1967	10,753	1,462	183	133	118	12,649	2,059	1,083	250	3,392
1968 <sup>2</sup>	11,525	2,086	196	135	110	14,052	2,021	818	235	3,074

  

Year beginning October	Mill products <sup>3</sup>								
	Wheat mill-feeds	Gluten feed and meal	Rice mill-feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>4</sup>	Alfalfa meal	Total	Total commercial feeds
	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
1959	4,833	1,142	268	239	359	746	1,357	8,944	22,481
1960	4,874	1,098	284	249	352	700	1,436	9,083	23,441
1961	4,932	1,237	315	266	380	862	1,513	9,535	24,454
1962	4,834	1,285	347	261	362	1,055	1,589	9,733	25,077
1963	5,051	1,368	373	276	381	1,203	1,613	10,265	25,490
1964	4,716	1,406	395	295	410	1,289	1,633	10,144	25,346
1965	4,612	1,481	395	304	427	1,153	1,652	10,024	26,233
1966	4,499	1,486	451	324	425	1,129	1,599	9,913	26,091
1967	4,490	1,514	476	336	447	1,130	1,550	9,943	25,984
1968 <sup>2</sup>	4,469	1,550	494	333	437	1,516	1,663	10,462	27,588

<sup>1</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms.<sup>2</sup> Preliminary.<sup>3</sup> Other mill products that are not listed include screenings, hominy and oats feeds, etc., for which no statistics are available.<sup>4</sup> Does not include wet sugarbeet pulp.Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 80.

Table 80.—Feed concentrates: Supply, grain-consuming animal units, and supply and quantity fed per animal unit, United States, 1954–69

Year beginning October <sup>1</sup>	Supply					Quantity fed to live-stock	Animal units fed annually <sup>5</sup>	Supply per animal unit	Quantity fed per animal unit
	Carry-over stocks of feed grains <sup>2</sup>	Production of feed grains	Other grains fed <sup>3</sup>	By-product feeds <sup>4</sup>	Total				
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons	Tons
1954	31.7	114.1	2.4	23.7	171.9	116.3	102.5	1.68	1.13
1955	33.1	120.8	2.8	24.1	186.8	121.9	104.0	1.80	1.17
1956	43.2	119.3	2.5	24.5	189.5	119.7	101.6	1.86	1.18
1957	48.8	132.4	2.5	25.9	209.6	129.0	100.0	2.10	1.29
1958	59.0	144.1	2.0	27.2	232.3	139.5	104.6	2.21	1.33
1959	67.5	149.5	2.0	27.8	245.8	144.7	103.6	2.38	1.40
1960	74.6	155.5	2.2	28.0	260.3	149.8	104.7	2.49	1.43
1961	85.0	139.8	2.2	29.0	256.0	151.6	106.0	2.42	1.43
1962	72.2	141.7	1.6	29.7	245.2	150.3	109.0	2.25	1.38
1963	64.4	153.8	2.0	30.2	250.4	148.2	108.3	2.31	1.37
1964	69.3	134.2	3.9	30.2	237.6	145.2	105.9	2.24	1.37
1965	54.8	157.4	3.9	31.1	247.2	161.0	106.3	2.33	1.51
1966	42.1	157.6	4.2	31.2	235.1	160.7	111.5	2.11	1.44
1967	37.1	176.0	4.9	31.1	249.1	161.8	111.4	2.24	1.46
1968 <sup>6</sup>	48.3	168.9	5.8	32.9	256.4	172.2	113.9	2.25	1.51
1969 <sup>6</sup>	50.0	174.2	4.9	33.7	262.8				

<sup>1</sup> October-September feeding year for all items except oats and barley carryover and production, which are for the July-June marketing year.

<sup>2</sup> Corn and sorghum grain, Oct. 1; oats and barley, July 1.

<sup>3</sup> Imported grains and domestic wheat and rye.

<sup>4</sup> Mill byproducts, oilseed meals, animal protein feeds, and molasses.

<sup>5</sup> Animal units fed during the October-September feeding year. For method of calculation, see National and State Livestock-Feed Relationships, U.S. Department of Agriculture Statistical Bulletin No. 446.

<sup>6</sup> Preliminary.

Economic Research Service.

Table 81.—Feed grains: United States exports under specified Government programs, 1959–68

Year beginning July	Public Law 480					Mutual security (AID) <sup>4</sup>	Total specified Government programs
	Title I, sales for foreign currency	Title II, disaster relief and other assistance <sup>1</sup>	Title III		Title IV, long-term dollar sales		
			Foreign donations <sup>2</sup>	Barter <sup>3</sup>			
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1959	1,375	102	271	1,101		288	3,137
1960	1,031	251	327	957		436	3,002
1961	1,038	504	336	1,193		63	3,134
1962	840	79	372	741		13	2,045
1963	993	147	354	277	2	8	1,781
1964	521	196	255	385	340	10	1,707
1965	1,323	178	274	236	336	6	2,353
1966	3,242	428	283	426	258	3	4,640
1967	1,219	277	208	658	540	2	2,904
1968 <sup>5</sup>	61	161	156	932	725		2,035

<sup>1</sup> Includes emergency relief, economic development, and World Food Program.

<sup>2</sup> Foreign donations are authorized under Sec. 416 of the Agricultural Act of 1949 as amended, and Sec. 302, Title III, P.L. 480.

<sup>3</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation; Title III, P.L. 480; and other legislation.

<sup>4</sup> Sales for foreign currency and economic aid under the Act for International Development, P.L. 87-195, and Mutual Security Acts, P.L. 665 and 165.

<sup>5</sup> Preliminary.

Foreign Agricultural Service. Data for 1954-58 in *Agricultural Statistics, 1967*, table 82.

Table 82.—Feed grains: Average price per 100 pounds, selected markets and grades, 1959-68

Year beginning October	Kansas City				Chicago		
	Corn, No. 3 Yellow	Oats, No. 2 White	Barley, No. 3	Grain sor- ghum, No. 2 Yellow	Corn, No. 3 Yellow	Oats, No. 2 White	Barley, feed
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1959.....	1.97	2.25	1.94	1.69	2.09	2.36	2.01
1960.....	1.88	2.21	1.96	1.77	1.96	2.17	1.95
1961.....	1.97	2.36	2.26	1.87	1.98	2.19	2.35
1962.....	2.14	2.27	2.20	1.94	2.12	2.23	2.13
1963.....	2.20	2.31	2.17	2.01	2.14	2.17	2.07
1964.....	2.33	2.28	2.23	2.08	2.25	2.34	2.14
1965.....	2.27	2.46	2.37	1.98	2.27	2.38	2.42
1966.....	2.44	2.41	2.37	2.11	2.43	2.35	2.39
1967.....	2.11	2.25	2.22	1.96	1.99	2.25	2.01
1968.....	2.09	1.90	1.94	1.98	2.09	2.32	1.65

  

Year beginning October	Minneapolis			Los Angeles		
	Corn, No. 3 Yellow	Oats, No. 2 White	Barley, No. 3	Corn, No. 2 Yellow	Barley, No. 2 Western <sup>1</sup>	Grain sor- ghum, No. 2 Yellow
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1959.....	1.83	2.12	2.05	2.79	2.43	2.15
1960.....	1.77	1.99	2.14	2.67	2.53	2.23
1961.....	1.86	2.06	2.46	2.60	2.58	2.31
1962.....	1.99	2.10	2.16	2.76	2.63	2.36
1963.....	2.02	2.02	2.06	2.82	2.67	2.47
1964.....	2.15	2.10	2.38	2.94	2.73	2.58
1965.....	2.19	2.18	2.54	2.89	2.80	2.45
1966.....	2.31	2.19	2.54	2.86	2.79	2.56
1967.....	1.93	2.11	2.26	2.68	2.52	2.45
1968.....	2.03	2.03	2.04	2.79	2.75	2.53

<sup>1</sup> Bulk basis.

Economic Research Service. 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 the average of prices at the close of each day. Prices at Los Angeles are the average of prices on one day each week. Data for 1944-58 in *Agricultural Statistics, 1967*, table 83.

Table 83.—Feedstuffs: Average price per ton, bulk, in wholesale lots, at leading markets, 1959–68

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish meal	Wheat bran
	44% protein	44% protein	41% protein	41% protein	34% protein	20% protein	45% protein	50% protein	60% protein	60% protein	
	Chicago	De-catur	Fort Worth	Memphis	Minneapolis	San Francisco	S.E. mills	Chicago	Chicago	Los Angeles	
1959	Dollars 60.05	Dollars 55.55	Dollars 62.15	Dollars 56.25	Dollars 60.10	Dollars 66.30	Dollars 56.90	Dollars 71.80	Dollars 72.20	Dollars 97.35	Dollars 31.10
1960	64.30	60.60	60.10	56.15	54.15	52.35	56.80	84.20	84.80	101.85	30.70
1961	67.50	63.60	65.30	59.20	66.00	63.70	61.80	86.30	88.70	115.70	32.50
1962	75.20	71.30	72.00	66.90	67.30	70.50	67.40	93.70	96.40	115.60	36.80
1963	75.20	71.00	68.40	62.20	58.00	67.20	62.70	88.20	92.70	119.00	34.60
1964	74.60	70.20	63.20	59.80	61.90	64.20	67.70	83.90	87.70	140.60	37.70
1965	85.80	81.50	73.40	72.40	74.50	70.60	79.50	105.30	111.00	152.20	39.80
1966	83.20	78.80	81.30	77.50	74.40	70.60	82.50	94.00	98.10	129.00	45.70
1967	81.40	76.90	77.50	77.40	76.50	70.50	81.10	88.80	92.50	117.10	39.70
1968	78.60	74.10	67.60	65.20	78.40	70.00	80.00	91.60	94.90	132.20	40.20

  

Year beginning October	Wheat mid-dlings	Wheat shorts	Wheat mill-run	Gluten feed	Hominy feed	Distillers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses	Index numbers Oct. 1957-Sept. 1959 = 100 <sup>1</sup>
				21% protein				Dehydrated, 17% protein	No. 1 fine, sun-cured		
	Minneapolis	Kansas City	Portland	Chicago	Chicago	Buffalo	Milwaukee	Kansas City	Kansas City	New Orleans	
1959	Dollars 33.20	Dollars 33.65	Dollars 38.25	Dollars 37.65	Dollars 39.45	Dollars 56.60	Dollars 38.35	Dollars 47.60	Dollars 37.70	Dollars 16.21	Dollars 96.1
1960	32.45	32.20	38.00	38.30	38.55	62.00	41.85	45.15	36.65	23.11	101.7
1961	34.50	34.00	41.80	37.50	40.10	60.40	37.90	47.60	38.30	22.71	106.4
1962	38.40	38.80	40.40	43.20	42.70	64.90	44.20	48.40	39.00	35.16	118.0
1963	35.30	36.50	38.80	40.70	44.00	61.30	37.90	42.20	38.00	25.60	113.7
1964	39.10	39.40	44.60	43.00	44.60	64.20	42.10	40.30	37.60	14.92	113.3
1965	41.90	42.00	47.70	47.40	44.20	65.40	46.00	49.70	40.00	19.90	128.6
1966	45.30	46.00	46.00	50.10	46.00	69.20	50.70	53.40	43.90	29.29	129.5
1967	39.80	39.70	41.80	44.90	39.00	63.30	45.90	39.10	37.20	25.60	121.3
1968	39.90	40.20	41.60	43.70	41.10	65.00	45.00	42.40	38.30	20.20	118.8

<sup>1</sup> Based on prices of the following commodities at leading producing markets, weighted by average consumption: Soybean, cottonseed, linseed, copra, and peanut meals; bran, middlings, shorts, and millrun; gluten feed and meal; hominy feed; brewers' and distillers' dried grains; alfalfa meal; rice bran, and feeding molasses.

Consumer and Marketing Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 84.

## CHAPTER II

# STATISTICS OF COTTON, SUGAR, AND TOBACCO

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

Much of the information on cotton lint is given in terms of "running" bales. The term "running bale," when applied to weight, is the average weight of a bale as it comes from the gin; when applied to number, it is the number of bales actually ginned.

The name "American Pima" was adopted for extra-long-staple cotton, effective July 1, 1970, and replaces the name "American-Egyptian" used in earlier volumes.

**Table 84.—Cotton: Acreage, yield, production, value, and foreign trade, United States, 1954-69**

Year	Cotton								Cottonseed		
	Acreage planted	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Market price per pound, New Orleans, year beginning August <sup>3</sup>	Foreign trade, year beginning August <sup>4</sup>		Production	Farm value
								Domestic exports <sup>5</sup>	Imports for consumption		
	1,000 acres	1,000 acres	Lb.	1,000 bales	Cents	1,000 dollars	Cents	1,000 bales	1,000 bales	1,000 tons	1,000 dollars
1954		18,868		12,921							
1954	20,052	19,251	341	13,697	33.61	2,301,358	33.96	3,585	150	5,709	344,175
1955	17,991	16,928	417	14,721	32.33	2,379,030	34.28	2,320	137	6,043	269,262
1956	17,077	15,615	409	13,310	31.75	2,112,625	33.64	7,916	191	5,407	288,864
1957	14,310	13,558	388	10,964	29.65	1,625,119	34.50	5,959	141	4,609	235,367
1958	12,379	11,849	466	11,512	33.23	1,912,311	34.31	2,895	137	4,798	210,262
1959		14,618		13,880							
1959	15,833	15,117	461	14,558	31.66	2,304,265	31.47	7,394	145	5,991	232,115
1960	16,080	15,309	446	14,272	30.19	2,154,165	30.55	6,857	159	5,886	249,977
1961	16,588	15,634	438	14,318	32.92	2,356,309	33.39	5,056	159	5,978	305,310
1962	16,293	15,569	457	14,867	31.90	2,370,480	33.17	3,429	137	6,139	293,845
1963	14,843	14,212	517	15,334	32.23	2,469,647	32.82	5,775	135	6,192	314,219
1964		13,915		14,733							
1964	14,835	14,055	517	15,182	29.76	2,258,491	30.37	4,195	118	6,237	293,366
1965	14,152	13,615	527	14,973	28.14	2,106,088	29.35	3,035	118	6,087	284,412
1966	10,349	9,552	480	9,575	20.84	997,467	21.91	4,832	105	3,960	261,008
1967	9,448	7,997	447	7,458	25.59	953,820		4,361	201	3,210	177,406
1968	10,912	10,160	516	10,948	22.15	1,212,021		2,416	113	4,640	234,492
1969 <sup>6</sup>	11,898	11,075	433	10,015	20.80	1,038,964				4,186	172,030

<sup>1</sup> Census of Agriculture figures for all periods are in running bales. U.S. Department of Agriculture figures are in 500-pound gross weight bales for all years.

<sup>2</sup> Gross weight price, including bagging and ties, except that extra-long-staple cotton is included at net weight. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> Prices for middling grade  $1\frac{1}{16}$ -inch staple through July 1956; 1-inch staple beginning August 1956; discontinued in 1967 crop year.

<sup>4</sup> Compiled from reports of the U.S. Department of Commerce. Equivalent bales of 500 pounds, gross weight.

<sup>5</sup> Excluding linters.

<sup>6</sup> Preliminary.

<sup>7</sup> Average price to Apr. 1, 1970, including an allowance for unredeemed loans.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Production figures conform with Census annual ginning enumerations. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 85.

Table 85.—Cotton: Acreage, production, and season average price per pound and per ton of cottonseed received by farmers, by States, 1967-69

State	Cotton												Cottonseed					
	Acreage planted			Acreage harvested			Production <sup>2</sup> (500-pound gross weight bales)			Price <sup>3</sup> for crop of—			Production			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>4</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	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	Cents	Cents	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
North Carolina.....	191	200	184	75	189	166	44	123	100	29.04	23.03	21.30	19	51	41	51.60	49.30	40.70
South Carolina.....	307	354	350	190	340	287	179	251	205	29.83	24.44	21.10	77	105	85	52.60	50.00	40.40
Georgia.....	335	410	410	267	395	385	228	266	282	25.80	21.95	19.30	98	111	117	51.60	49.90	39.20
Tennessee.....	336	394	420	236	360	400	145	325	422	28.36	24.07	21.20	63	137	176	55.10	48.80	40.10
Alabama.....	513	555	566	340	525	545	200	397	461	25.73	23.59	21.00	86	166	191	51.60	48.00	40.20
Missouri.....	245	318	325	90	190	305	59	197	326	29.37	26.21	21.80	26	84	137	53.00	48.80	38.30
Mississippi.....	955	1,155	1,225	890	1,105	1,185	1,054	1,522	1,328	28.38	22.91	21.70	460	645	549	58.30	51.90	43.20
Arkansas.....	830	1,045	1,090	715	980	1,055	497	1,028	1,140	28.95	24.06	21.50	216	435	477	55.60	50.00	42.10
Louisiana.....	348	423	440	330	410	420	428	545	483	28.57	22.69	22.10	182	229	200	55.00	50.60	41.40
Oklahoma.....	425	421	500	370	380	465	194	264	279	20.29	18.85	18.60	84	112	117	56.80	49.10	45.30
Texas.....	3,960	4,450	5,175	3,525	4,125	4,675	2,767	3,525	2,862	19.78	19.52	18.50	1,190	1,490	1,195	55.80	50.50	41.80
New Mexico.....	132	161	163	122	151	146	157	176	157	31.75	24.74	24.70	68	74	64	59.60	52.90	45.50
Arizona.....	248	299	311	245	298	310	454	734	634	29.84	23.56	22.20	194	307	263	53.00	52.50	39.80
California.....	595	695	710	588	687	705	1,040	1,573	1,315	32.00	23.76	22.60	442	685	565	53.00	50.00	37.70
Other States <sup>5</sup> .....	28	32	29	14	25	26	12	22	21	28.82	24.10	21.00	5	9	9	50.30	49.10	39.80
United States.....	9,448	10,912	11,898	7,997	10,160	11,075	7,458	10,948	10,015	25.59	22.15	20.80	3,210	4,640	4,186	55.20	50.50	41.10
Other States:																		
Virginia.....	8.7	8.1	5.5	0.6	6.0	5.0	0.2	3.0	2.1									
Florida.....	11.2	13.4	13.6	10.0	12.5	12.5	7.0	9.9	9.4									
Illinois.....	1.6	2.0	1.8	.2	.3	.4	.1	.2	.4									
Kentucky.....	4.3	5.5	5.7	.9	3.6	5.4	.6	4.3	5.8									
Nevada.....	2.3	2.5	2.3	2.2	2.4	2.3	4.0	4.4	3.1									
American Pima: <sup>6</sup>																		
Texas.....	24.5	24.5	27.5	24.0	24.0	27.0	24.9	22.9	27.7	48.3	41.1	39.9						
New Mexico.....	14.0	14.0	16.0	13.3	13.3	14.5	10.0	11.4	12.2	48.7	41.4	40.4						
Arizona.....	29.5	29.5	33.6	28.7	29.3	33.4	34.5	44.2	37.3	47.5	40.3	40.0						
California.....	.5	.4	.5	.4	.4	.4	.4	.7	.5	45.0	39.0	38.0						
Total American Pima...	68.5	68.4	77.6	66.4	67.0	75.3	69.8	79.2	77.7	47.9	40.7	40.0						

See footnotes on page 61.

Table 86.—Cotton, American upland: Price-support operations, United States, 1960-70

Year beginning August	Support price <sup>1</sup>		Season average price per pound received by farmers	Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC July 31
	Per pound	Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	Cents	Percent	Cents	1,000 bales <sup>5</sup>	Percent	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>
1960.....	<sup>6</sup> 28.97	<sup>6</sup> 75	30.08	8,320	58.6	7,790	1,678
1961.....	31.88	82	32.80	4,833	33.9	3,243	1,449
1962.....	31.88	81	31.74	6,809	46.2	4,719	3,750
1963.....	31.72	78	32.02	7,969	52.5	5,779	4,303
1964.....	<sup>7</sup> 32.80	80	29.62	7,288	48.5	4,824	6,557
1965.....	<sup>7</sup> 32.60	71	28.03	6,926	46.7	5,306	9,715
1966.....	<sup>7</sup> 29.63	73	20.64	3,094	32.6	1,415	6,668
1967.....	<sup>7</sup> 31.00	74	25.39	1,482	20.1	32	559
1968.....	<sup>7</sup> 31.93	.....	22.02	4,415	40.7	2,776	24
1969.....	<sup>7</sup> 34.44	.....	<sup>8</sup> 21.20	<sup>9</sup> 3,613	<sup>9</sup> 36.6	.....	.....
1970.....	<sup>7</sup> 36.95	.....	.....	.....	.....	.....	.....

<sup>1</sup> Basis  $\frac{3}{8}$ -inch Middling through 1960; average of crop for later years.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made and direct purchases.

<sup>4</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Running bales.

<sup>6</sup> For cotton grown by farmers electing Choice A acreage allotments. Corresponding support levels and percentages of parity for Choice B were as follows: For 1959, 24.70 cents and 65 percent; and for 1960, 23.18 cents and 60 percent.

<sup>7</sup> Includes price-support payments as follows: 3.50 cents per pound in 1964 and 4.35 cents in 1965 to producers who planted within domestic allotment; and 9.42 cents in 1966, 11.53 cents in 1967, 12.24 cents in 1968, 14.73 cents in 1969, and 16.80 cents in 1970 to program participants on projected production from farm's domestic allotment.

<sup>8</sup> Average price to Dec. 1, 1969.

<sup>9</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 87.

## FOOTNOTES FOR TABLE 85

<sup>1</sup> Preliminary.

<sup>2</sup> Bales ginned, as reported by the U.S. Department of Commerce with an allowance made for interstate movement of seed cotton for ginning, rounded to thousands, by States. Cotton produced but not ginned is not included in production.

<sup>3</sup> Gross weight price, including bagging and ties, except that American Pima cotton is included at net weight. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>4</sup> Average price to Apr. 1, 1970.

<sup>5</sup> Sums of acreage and production for "Other States" rounded for inclusion in U.S. totals.

<sup>6</sup> Included in State and U.S. totals.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 87

<sup>1</sup> Harvest season beginning Aug. 1.

<sup>2</sup> Preliminary.

<sup>3</sup> Bales of 480 pounds net.

<sup>4</sup> Includes estimates for minor-producing countries not shown above and allowances for countries where data are not yet available.

<sup>5</sup> Formerly Aden.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 87.—Cotton: Acreage, yield, and production in specified countries, average 1963-67, annual 1968 and 1969<sup>1</sup>

Continent and country	Acreage			Yield per acre			Production <sup>3</sup>		
	Average 1963-67	1968	1969 <sup>2</sup>	Average 1963-67	1968	1969 <sup>2</sup>	Average 1963-67	1968	1969 <sup>2</sup>
North America:	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales	1,000 bales	1,000 bales
United States.....	11,887	10,160	11,094	505	517	433	12,504	10,948	10,014
El Salvador.....	195	126	122	633	781	807	257	205	205
Guatemala.....	231	228	190	692	705	594	333	335	235
Honduras.....	31	28	16	650	600	600	42	35	20
Mexico.....	1,859	1,780	1,365	588	661	598	2,277	2,450	1,700
Nicaragua.....	340	325	240	692	598	590	490	405	295
Total <sup>4</sup> .....	14,661	12,773	13,145	522	542	456	15,941	14,414	12,506
South America:									
Argentina.....	1,042	1,000	1,100	217	247	251	470	515	575
Brazil.....	5,520	6,500	6,800	203	244	219	2,330	3,300	3,100
Colombia.....	402	575	660	430	534	451	360	640	620
Ecuador.....	53	50	50	190	240	240	21	25	25
Paraguay.....	145	125	125	166	211	211	50	55	55
Peru.....	598	440	420	439	464	446	547	425	390
Venezuela.....	114	120	120	261	284	280	62	71	70
Total <sup>4</sup> .....	7,890	8,827	9,293	234	274	251	3,851	5,046	4,853
Europe:									
Greece.....	388	340	375	476	473	627	385	335	490
Italy.....	33	20	20	262	192	192	18	8	8
Spain.....	507	336	340	355	500	353	375	350	250
Bulgaria.....	122	106	115	287	235	313	73	52	75
Yugoslavia.....	24	30	28	240	224	240	12	14	14
Total <sup>4</sup> .....	1,134	892	938	375	419	439	887	779	857
U.S.S.R. (Europe and Asia).....	6,060	6,100	6,200	692	732	693	8,740	9,300	8,950
Africa:									
Angola.....	91	125	135	158	269	320	30	70	90
Cameroon.....	183	250	265	210	173	199	80	90	110
Central African Republic.....	281	280	300	92	137	128	54	80	80
Chad.....	730	750	750	112	128	128	171	200	200
Congo (Kinshasa).....	220	250	250	100	173	173	46	90	90
Kenya.....	146	175	150	56	47	58	17	17	18
Malawi.....	70	80	80	151	150	150	22	25	25
Morocco.....	43	35	45	369	343	267	33	25	25
Mozambique.....	884	800	800	97	117	120	178	195	200
Nigeria.....	820	900	1,000	114	139	139	194	260	290
Rhodesia.....	66	200	250	313	480	461	43	200	240
South Africa, Republic of.....	80	110	110	408	436	393	68	100	90
Sudan.....	1,138	1,205	1,250	311	418	422	738	1,050	1,100
Tanzania.....	490	500	500	285	226	312	291	235	325
Uganda.....	2,122	2,000	2,000	76	84	91	338	350	380
United Arab Republic.....	1,790	1,520	1,680	581	633	671	2,166	2,005	2,350
Total <sup>4</sup> .....	9,645	9,921	10,331	231	258	277	4,635	5,325	5,956
Asia and Oceania:									
Afghanistan.....	310	300	300	198	160	160	128	100	100
Australia.....	51	79	80	725	942	900	77	155	150
Burma.....	540	375	375	69	64	64	78	50	50
China (Mainland).....	11,680	12,300	12,300	253	265	265	6,160	6,800	6,800
India.....	19,906	19,200	19,400	119	123	126	4,920	4,900	5,100
Iran.....	910	890	940	291	372	357	651	690	700
Iraq.....	72	75	75	253	288	288	38	45	45
Israel.....	46	75	80	1,002	960	960	96	150	160
Korea, Republic of.....	52	45	45	166	213	213	18	20	20
Pakistan.....	3,925	4,340	4,325	247	269	275	2,018	2,430	2,470
Southern Yemen <sup>5</sup> .....	48	40	40	200	240	240	20	20	20
Syria.....	676	650	650	506	521	480	713	705	650
Thailand.....	1,678	200	80	262	312	336	97	130	55
Turkey.....	1,791	1,760	1,575	437	545	541	1,540	2,000	1,775
Total <sup>4</sup> .....	40,200	40,442	40,378	197	216	216	16,498	18,238	18,143
World total <sup>4</sup> .....	79,590	78,955	80,285	305	323	306	50,552	53,102	51,265
Foreign Free World <sup>4</sup> .....	49,697	50,144	50,431	222	249	242	23,028	25,959	25,383
Communist countries <sup>4</sup> .....	18,007	18,651	18,760	400	417	406	15,020	16,195	15,868

See footnotes on page 61.



Table 88.—Cotton: Supply and distribution, United States, 1959–69

Year beginning August	Supply					Distribution				
	Carryover, be- ginning of season		Ginnings in season <sup>1</sup>	Im- ports <sup>2</sup>	Total supply	Consumption		Ex- ports <sup>3</sup>	Carryover, end of season	
	Foreign	Total				Foreign	Total		Foreign	Total
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1959.....	42	8,885	14,554	140	23,579	107	9,025	7,182	37	7,559
1960.....	37	7,559	14,416	157	22,132	93	8,279	6,632	41	7,228
1961.....	41	7,228	14,448	158	21,834	112	8,954	4,915	42	7,831
1962.....	42	7,831	14,889	137	22,857	103	8,419	3,351	93	11,216
1963.....	93	11,216	15,299	113	26,628	99	8,609	5,662	72	12,378
1964.....	72	12,378	15,246	89	27,713	89	9,171	4,060	67	14,291
1965.....	67	14,291	14,860	104	29,255	91	9,497	2,942	62	16,862
1966.....	62	16,862	9,859	76	26,797	87	9,485	4,669	58	12,533
1967.....	58	12,533	7,215	145	19,893	95	8,982	4,206	46	6,448
1968.....	46	6,448	11,030	66	17,544	75	8,242	2,731	31	6,521
1969 <sup>5</sup> .....	31	6,521	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Ginnings during the 12 months, Aug. 1–July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather.

<sup>2</sup> Total imports minus re-exports.

<sup>3</sup> Total exports minus re-imports.

<sup>4</sup> Domestic in running bales, and foreign in equivalent bales of 500 pounds.

<sup>5</sup> Preliminary.

Consumer and Marketing Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944–58 in *Agricultural Statistics, 1967*, table 89.

Table 89.—Cotton: Mill consumption, by growths, United States, 1959–68

Year beginning August	Domestic			Foreign					All growths
	Upland <sup>1</sup>	American Pima <sup>2</sup>	Total	Egyptian	Peruvian	Indian	Other	Total	
	Bales <sup>3</sup>	Bales <sup>3</sup>	Bales <sup>3</sup>	Bales <sup>3</sup>	Bales <sup>3</sup>	Bales <sup>3</sup>	Bales <sup>3</sup>	Bales <sup>3</sup>	Bales <sup>3</sup>
1959.....	8,862,282	56,031	8,918,313	65,085	16,080	17,099	8,728	106,992	9,025,305
1960.....	8,083,942	75,156	8,159,098	60,019	12,214	( <sup>4</sup> )	21,129	93,362	8,252,460
1961.....	8,862,958	96,563	8,959,521	57,266	18,465	( <sup>4</sup> )	35,779	111,510	9,071,031
1962.....	8,198,178	89,898	8,288,076	49,198	20,927	( <sup>4</sup> )	32,695	102,820	8,390,896
1963.....	8,384,199	70,965	8,455,164	49,661	19,178	( <sup>4</sup> )	29,914	98,753	8,553,917
1964.....	9,000,053	81,336	9,081,389	48,933	22,037	( <sup>4</sup> )	18,506	89,476	9,170,865
1965.....	9,337,728	67,687	9,405,415	47,319	( <sup>4</sup> )	18,201	25,863	91,383	9,496,798
1966.....	9,297,954	64,077	9,362,031	44,626	( <sup>4</sup> )	16,304	25,872	86,802	9,448,833
1967.....	8,923,073	52,571	8,975,644	55,692	( <sup>4</sup> )	19,281	20,509	95,482	9,071,126
1968.....	8,066,550	73,392	8,139,942	38,699	( <sup>4</sup> )	22,218	13,748	74,665	8,214,607

<sup>1</sup> Includes sea island cotton.

<sup>2</sup> Name changed from "American-Egyptian", effective July 1, 1970.

<sup>3</sup> Domestic in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

<sup>4</sup> Not reported separately; shown under "Other."

Consumer and Marketing Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944–58 in *Agricultural Statistics, 1967*, table 90.

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1959-69

Year beginning August	White <sup>1</sup>				Light Spotted			All Spotted	Other colored <sup>2</sup>	All grades <sup>3</sup>
	Strict Middling and higher	Middling	Strict Low Middling	Low Middling and lower	Strict Middling and higher	Middling	Strict Low Middling and lower			
Carryover:	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1959.....	934	2,759	1,590	421	476	791	705	659	383	8,718
1960.....	1,332	2,997	1,225	379	440	469	217	160	171	7,390
1961.....	801	2,095	1,084	288	806	1,294	327	195	280	7,078
1962.....	1,364	2,861	1,121	403	387	650	362	297	188	7,725
1963.....	775	2,397	2,032	874	893	2,103	1,340	441	150	11,005
1964.....	989	2,747	2,080	788	827	2,093	1,561	842	183	12,110
1965.....	868	2,787	3,001	1,162	802	2,249	1,673	1,182	294	14,018
1966.....	445	1,963	2,418	1,214	766	3,772	3,828	1,857	302	16,565
1967.....	244	1,412	1,934	595	464	2,685	2,637	1,999	300	12,270
1968.....	128	876	1,290	486	146	1,107	990	1,002	221	6,246
1969.....	122	1,237	2,192	843	36	652	767	374	124	6,347
Ginnings:										
1959.....	1,306	4,749	3,959	1,358	322	1,218	1,054	166	314	14,446
1960.....	1,099	3,909	3,631	1,275	421	1,649	1,366	333	516	14,199
1961.....	1,663	4,676	2,483	848	483	1,668	1,429	459	554	14,263
1962.....	769	3,501	4,055	1,502	221	1,649	2,303	418	336	14,754
1963.....	919	3,782	4,462	1,637	221	1,989	1,576	256	287	15,129
1964.....	566	3,124	4,880	2,109	98	1,471	1,885	531	368	15,032
1965.....	319	2,791	4,931	2,050	73	1,694	2,282	356	351	14,847
1966.....	126	1,569	2,797	920	33	1,060	1,911	826	249	9,491
1967.....	91	1,378	2,580	680	33	973	1,080	389	166	7,370
1968.....	117	1,763	4,315	1,500	25	1,012	1,626	329	151	10,838
Supply: <sup>5</sup>										
1959.....	2,240	7,508	5,549	1,779	798	2,009	1,789	825	697	23,164
1960.....	2,431	6,906	4,856	1,654	861	2,118	1,553	493	687	21,589
1961.....	2,464	6,771	3,567	1,136	1,289	2,962	1,756	654	742	21,341
1962.....	2,133	6,362	5,176	1,905	608	2,299	2,665	715	616	22,479
1963.....	1,694	6,179	6,494	2,511	1,114	4,092	2,916	697	437	26,134
1964.....	1,555	5,871	6,960	2,897	925	3,564	3,446	1,373	551	27,142
1965.....	1,187	5,577	7,933	3,212	875	3,943	3,956	1,538	645	28,866
1966.....	571	3,532	5,216	2,134	799	4,832	5,738	2,683	551	26,056
1967.....	335	2,790	4,515	1,276	496	3,656	3,717	2,387	467	19,641
1968.....	246	2,639	5,606	1,986	170	2,119	2,616	1,331	372	17,085
Disappearance: <sup>6</sup>										
1959.....	908	4,511	4,324	1,400	358	1,540	1,542	665	526	15,774
1960.....	1,630	4,811	3,772	1,366	55	824	1,256	298	499	14,511
1961.....	1,100	3,910	2,446	733	902	2,312	1,394	357	462	13,616
1962.....	1,358	3,965	3,144	1,031	—285	196	1,325	274	466	11,474
1963.....	705	3,432	4,414	1,723	287	1,999	1,355	—145	254	14,024
1964.....	687	3,084	3,959	1,735	123	1,315	1,773	191	257	13,124
1965.....	742	3,613	5,514	1,998	109	172	128	—319	343	12,300
1966.....	327	2,120	3,282	1,538	336	2,147	3,101	684	251	13,786
1967.....	207	1,915	3,222	790	351	2,550	2,727	1,386	246	13,394
1968.....	124	1,402	3,413	1,143	135	1,467	1,849	957	248	10,738

<sup>1</sup> "Plus" grades of White included with straight grades.<sup>2</sup> Includes all grades of Tinged, Stained, Light Gray, Gray, and Below Grade.<sup>3</sup> U.S. Department of Commerce.<sup>4</sup> Running bales.<sup>5</sup> Carryover at the beginning of the season plus ginnings.<sup>6</sup> Supply minus carryover at the end of the season.<sup>7</sup> Negative disappearance reflected in total.Consumer and Marketing Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 91.

Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance of American upland, by staple lengths, United States, 1959–69

Year beginning August	1 $\frac{1}{8}$ inch and shorter <sup>1</sup>	3 $\frac{1}{8}$ and 2 $\frac{3}{8}$ inch	1 $\frac{3}{8}$ and 1 $\frac{1}{2}$ inch	1 and 1 $\frac{1}{8}$ inches	1 $\frac{1}{8}$ and 1 $\frac{1}{4}$ inches	1 $\frac{1}{4}$ and 1 $\frac{3}{8}$ inches	1 $\frac{3}{8}$ and 1 $\frac{1}{2}$ inches	1 $\frac{1}{4}$ inches and longer	All staple lengths <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
<b>Carryover:</b>									
1959	50	1,491	2,181	2,411	2,347	224	12	2	8,718
1960	6	185	1,239	2,279	3,417	240	21	3	7,390
1961	1	45	552	3,030	3,274	166	9	1	7,073
1962	3	198	1,177	2,154	3,798	373	17	5	7,725
1963	2	633	2,220	3,189	4,730	219	8	4	11,005
1964	13	1,400	2,273	4,253	4,017	142	9	3	12,110
1965	25	1,341	2,973	4,576	4,829	258	14	2	14,018
1966	25	2,074	3,834	5,790	4,483	343	12	4	16,565
1967	8	1,179	3,733	4,243	2,744	323	35	5	12,270
1968	9	490	1,691	1,641	2,002	372	32	9	6,246
1969	0	73	748	1,281	3,317	898	26	4	6,347
<b>Ginnings:</b>									
1959	21	830	2,596	3,808	6,706	479	5	1	14,446
1960	2	340	3,031	4,095	6,222	503	4	2	14,199
1961	2	591	3,261	3,075	6,829	491	9	5	14,263
1962	3	778	3,061	3,645	6,843	408	10	5	14,754
1963	17	1,419	2,436	4,199	6,707	332	17	2	15,129
1964	49	1,196	2,194	4,338	6,820	430	4	1	15,034
1965	9	1,042	2,947	3,555	6,859	418	7	10	14,849
1966	8	735	1,814	1,642	4,888	346	38	20	9,491
1967	2	332	1,321	1,109	3,807	672	51	26	7,370
1968	1	126	1,509	1,707	5,676	1,771	38	10	10,838
<b>Supply:</b> <sup>4</sup>									
1959	71	2,321	4,777	6,219	9,053	703	17	3	23,164
1960	8	525	4,270	6,374	9,639	743	25	5	21,589
1961	3	636	3,813	6,105	10,103	657	18	6	21,341
1962	6	976	4,238	5,799	10,641	781	27	11	22,479
1963	20	2,053	4,656	7,388	11,435	552	25	5	26,134
1964	63	2,596	4,467	8,591	10,837	572	13	4	27,142
1965	35	2,383	5,920	8,132	11,688	676	20	12	28,866
1966	33	2,808	5,647	7,433	9,372	689	51	23	26,056
1967	10	1,561	5,055	5,353	6,550	995	86	31	19,641
1968	9	615	3,200	3,348	7,680	2,143	70	20	17,085
<b>Disappearance:</b> <sup>5</sup>									
1959 <sup>6</sup>	65	2,136	3,538	3,940	5,636	463	-4	0	15,774
1960	7	480	3,718	3,344	6,365	577	16	4	14,511
1961	0	438	2,636	3,951	6,305	284	1	1	13,616
1962	4	343	2,018	2,610	5,911	562	19	7	11,474
1963	7	652	2,383	3,135	7,419	410	16	2	14,024
1964	37	1,255	1,494	4,015	6,008	314	-1	2	13,124
1965	10	310	2,087	2,340	7,203	333	8	9	12,300
1966	24	1,629	1,914	3,189	6,629	367	16	18	13,786
1967	1	1,071	3,364	3,712	4,547	623	54	22	13,944
1968	9	542	2,452	2,067	4,363	1,245	44	16	10,738

<sup>1</sup> Includes "no staple" and "perished staple."<sup>2</sup> U.S. Department of Commerce.<sup>3</sup> Running bales.<sup>4</sup> Carryover at the beginning of the season plus ginnings.<sup>5</sup> Supply minus carryover at the end of the season.<sup>6</sup> Negative disappearance reflected in total.Consumer and Marketing Service. Data for 1944–58 in *Agricultural Statistics, 1967*, table 92.

Table 92.—Cotton, American Pima:<sup>1</sup> Carryover and ginnings, by grade and staple length, United States, 1959-69

Year beginning August	Grade					Staple length (inches)					All grades and all lengths (?)	
	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1 $\frac{1}{8}$ and shorter	1 $\frac{1}{8}$	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$ and longer		
Carryover:	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
1959.....	36.7	79.0	5.3	1.7	0.6	.....	13.7	69.3	39.5	0.8	.....	123.3
1960.....	28.4	89.5	10.7	2.9	1.8	2.3	53.8	72.3	4.3	.....	.....	133.3
1961.....	15.6	85.1	8.4	.3	.....	.....	38.4	61.3	7.8	1.5	.....	109.5
1962.....	26.5	34.6	1.3	1.1	.6	4.6	8.0	45.8	5.4	.....	.....	64.1
1963.....	30.8	71.8	11.0	2.7	1.4	2.0	32.4	69.8	13.1	.4	.....	117.7
1964.....	25.9	144.1	17.1	6.0	2.6	15.5	151.4	24.0	4.8	(4)	.....	195.7
1965.....	30.8	146.4	21.5	4.8	1.6	7.2	179.7	16.3	1.4	.5	.....	205.1
1966.....	10.6	132.2	81.4	9.5	1.8	20.9	162.4	45.6	6.6	(4)	.....	235.5
1967.....	36.4	136.3	27.8	4.3	.3	8.0	151.8	13.3	31.8	.2	.....	205.1
1968.....	27.0	101.1	21.7	4.4	1.4	3.3	77.4	45.8	28.8	.3	.....	155.6
1969.....	17.6	102.6	18.8	2.8	.7	5.8	109.1	19.1	8.5	(4)	.....	142.5
Ginnings:												
1959.....	19.2	40.6	8.3	.8	.2	1.6	26.4	40.6	.5	.....	.....	69.1
1960.....	12.1	47.8	5.1	.6	4.4	1.0	25.9	39.1	(4)	.....	.....	66.0
1961.....	8.7	43.3	6.5	1.6	1.0	2.7	28.4	30.0	(4)	.....	.....	61.1
1962.....	17.5	75.6	10.9	3.8	2.0	4.2	76.5	29.1	(4)	.....	.....	109.8
1963.....	16.2	113.5	20.2	8.6	2.7	18.8	139.1	3.3	(4)	.....	.....	161.2
1964.....	25.0	77.5	7.6	4.3	2.1	12.7	101.0	2.8	(4)	.....	.....	116.5
1965.....	11.3	56.9	13.4	2.6	1.1	7.9	74.5	2.9	.....	.....	.....	85.3
1966.....	11.9	46.9	9.7	2.1	.6	7.0	61.3	2.9	.....	.....	.....	71.2
1967.....	8.2	46.7	8.9	2.7	1.8	5.5	50.0	12.8	.....	.....	.....	68.3
1968.....	5.4	57.7	10.4	2.6	2.1	4.9	56.4	16.9	.....	.....	.....	78.2
1969 <sup>5</sup> .....	4.8	46.8	20.2	3.6	1.4	4.3	60.1	12.4	.....	.....	.....	76.8

<sup>1</sup> Name changed from "American-Egyptian", effective July 1, 1970.

<sup>2</sup> U.S. Department of Commerce. Totals include small quantities of sea and sea island cotton.

<sup>3</sup> Running bales.

<sup>4</sup> Less than 50 bales.

<sup>5</sup> Preliminary.

Consumer and Marketing Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 93.

Table 93.—Cotton, upland: Grade index and average staple length of upland cotton ginned, United States, 1954-69

Year beginning August	Grade index <sup>1</sup>	Average staple <sup>2</sup>	Year beginning August	Grade index <sup>1</sup>	Average staple <sup>2</sup>
1954.....	95.6	32.2	1962.....	93.9	32.8
1955.....	93.2	32.6	1963.....	94.6	32.7
1956.....	96.0	32.7	1964.....	93.2	32.8
1957.....	91.7	32.6	1965.....	93.0	32.8
1958.....	96.7	32.8	1966.....	92.0	33.0
1959.....	95.8	32.8	1967.....	92.8	33.4
1960.....	95.4	32.9	1968.....	92.6	33.9
1961.....	95.7	32.9	1969 <sup>3</sup> .....	91.0	33.6

<sup>1</sup> Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of  $\frac{15}{16}$ -inch staple. Converted to an index with Middling White equaling 100. For 1958 and subsequent years, constants for Plus, Light Spotted, and Light Gray set at mid-points between full grade weights.

<sup>2</sup> Averages calculated on numerical equivalents of the staple-length designation. For example,  $\frac{7}{8}$  inch = 28,  $\frac{15}{16}$  inch = 29, etc. Averages are in terms of thirty-seconds of an inch.

<sup>3</sup> Preliminary.

Consumer and Marketing Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 94.

Table 94.—Cotton, upland: Grade index and average staple length of upland cotton ginned, by States, 1965-69

State	Grade index <sup>1</sup>					Average staple length (32ds of an inch) <sup>3</sup>				
	1965	1966	1967	1968	1969 <sup>2</sup>	1965	1966	1967	1968	1969 <sup>2</sup>
Missouri	91.6	92.5	90.7	94.0	93.3	33.4	34.6	34.4	34.7	34.4
Virginia	98.5	89.9				32.8	33.8			
North Carolina	92.5	91.6	91.2	91.4	88.5	33.4	33.8	34.3	33.8	34.2
South Carolina	92.7	91.7	92.2	91.3	87.4	33.9	34.0	34.6	34.5	34.5
Georgia	90.6	89.8	91.9	91.1	86.0	33.2	33.2	33.7	33.9	33.5
Florida	87.9	91.0	90.5	91.2	88.7	33.1	32.9	33.5	33.9	33.6
Tennessee	93.9	93.2	91.0	93.9	93.2	33.4	34.0	34.1	33.8	33.7
Alabama	93.1	92.2	89.5	93.0	91.2	33.2	33.2	33.3	33.7	33.6
Mississippi	93.5	94.0	92.8	92.0	92.4	34.0	34.2	34.5	34.6	34.6
Arkansas	91.7	91.0	90.1	92.7	92.4	33.8	34.5	34.4	34.6	34.6
Louisiana	93.4	94.3	94.5	93.7	94.7	33.8	33.8	34.0	34.3	34.2
Oklahoma	90.9	89.7	92.9	90.4	91.3	30.4	30.8	31.0	32.1	31.5
Texas	93.0	90.1	93.0	92.2	87.0	30.7	30.8	31.7	32.2	31.6
New Mexico	96.9	96.6	96.1	96.2	94.0	35.5	36.2	36.3	36.2	36.1
Arizona	93.1	91.9	93.6	95.3	93.5	33.6	33.6	34.0	34.7	34.1
California	94.0	94.7	93.6	92.4	94.5	34.5	34.4	35.1	35.7	35.0
All other	92.4	96.2	95.5	96.4	96.2	34.3	35.3	36.4	35.2	35.0
United States	93.0	92.0	92.8	92.6	91.0	32.8	33.0	33.4	33.9	33.6

<sup>1</sup> Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of 1 $\frac{1}{16}$ -inch staple. Converted to an index with Middling White equaling 100.

<sup>2</sup> Preliminary.

<sup>3</sup> Average calculated on numerical equivalents of the staple-length designations. For example,  $\frac{7}{8}$ =28,  $\frac{7}{16}$ =29, etc.

Consumer and Marketing Service.

Table 95.—Cotton: International trade, average 1960-64, crop years 1966-68 <sup>1</sup>

Country	Average 1960-64		1966		1967		1968 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Principal exporting countries:	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>	<i>1,000 bales <sup>3</sup></i>
Nicaragua	328	0	427	0	429	0	452	0
Mexico	1,606	1	1,392	2	1,239	2	1,631	2
United States	5,063	135	4,832	105	4,361	149	2,825	68
Brazil	950	0	1,014	0	836	0	1,765	0
Peru	524	0	381	0	283	0	376	0
U.S.S.R.	1,710	710	2,400	700	2,500	500	2,200	600
British East Africa	459	0	729	0	566	0	460	0
Congo (Kinshasa)	46	6	0	30	0	20	0	0
United Arab Republic	1,399	0	1,428	0	1,171	0	1,087	0
Sudan	610	0	682	0	794	0	848	0
Pakistan	480	13	558	10	887	18	574	1
Syria	573	0	577	0	491	0	549	0
Turkey	535	0	1,049	0	1,040	0	953	0
Total	14,283	865	15,469	847	14,597	689	13,720	671
Principal importing countries:								
Canada	3	385	0	404	0	361	0	347
Austria	0	120	0	101	1	99	0	96
Belgium and Luxembourg	5	385	1	284	3	298	0	302
France	5	1,263	3	1,270	2	1,085	6	1,145
Germany, West	60	1,352	83	1,217	73	1,331	85	1,127
Italy	8	1,005	1	1,185	0	994	0	986
Netherlands	6	365	80	409	95	372	40	286
Poland and Danzig	1	617	0	684	0	624	0	698
Portugal	0	342	0	317	0	360	0	426
Spain	37	180	30	148	60	160	0	300
Sweden	0	105	0	85	2	87	3	64
Switzerland	2	197	0	217	0	186	0	204
United Kingdom	11	1,062	0	832	0	902	0	778
Hong Kong	1	537	0	728	0	760	0	777
India	240	709	189	621	171	644	137	377
Japan	0	3,206	0	3,556	0	3,499	6	3,131
Total	379	11,830	387	12,058	407	11,762	277	11,044

<sup>1</sup> Crop year beginning Aug. 1.

<sup>2</sup> Preliminary.

<sup>3</sup> 480 pounds net.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 96.—Cotton: United States exports by country of destination, average 1960-64, annual 1967 and 1968**

Country of destination	Year beginning August			Country of destination	Year beginning August		
	Average 1960-64	1967	1968		Average 1960-64	1967	1968
	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>		1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>
Austria.....	24	1	0	Australia.....	63	18	0
Belgium and Luxembourg.....	124	46	30	Canada.....	369	151	116
Denmark.....	15	10	1	Chile.....	19	1	( <sup>2</sup> )
Finland.....	18	11	3	Colombia.....	3	0	( <sup>2</sup> )
France.....	330	154	91	Cuba.....	( <sup>2</sup> )	0	0
Germany, West.....	277	104	32	Ethiopia.....	9	23	9
Italy.....	356	266	65	Hong Kong.....	150	310	201
Netherlands.....	113	37	20	India.....	324	355	176
Norway.....	13	7	5	Indonesia.....	42	73	110
Poland and Danzig.....	131	80	112	Israel.....	16	5	1
Portugal.....	22	9	9	Japan.....	1,216	1,146	557
Spain.....	76	7	5	Korea, Republic of.....	267	362	459
Sweden.....	83	78	53	Pakistan.....	14	18	1
Switzerland.....	77	63	33	Philippines.....	126	160	123
United Kingdom.....	251	130	49	South Africa, Republic of.....	42	23	9
Yugoslavia.....	117	70	56	China (Taiwan).....	211	383	264
Other Europe.....	17	26	7	Thailand.....	35	92	68
				Uruguay.....	6	0	0
Total Europe.....	2,044	1,099	571	Other countries.....	107	142	160
				Total.....	5,063	4,361	2,825

<sup>1</sup> 480 pounds net.<sup>2</sup> Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 97.—Cotton and cotton linters: United States imports for consumption, by country of origin, average 1960-64, annual 1967 and 1968**

Country of origin	Year beginning August			Country of origin	Year beginning August		
	Average 1960-64	1967	1968		Average 1960-64	1967	1968
Cotton, raw:	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>	Cotton, linters:	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>	<i>Bales<sup>1</sup></i>
United Arab Republic.....	60,853	28,174	17,384	El Salvador.....	9,693	5,921	4,202
India.....	13,781	10,482	10,883	Guatemala.....	11,052	7,091	4,836
Mexico.....	24,318	38,930	18,255	Mexico.....	83,383	77,712	98,324
Pakistan.....	6,596	4,947	5,952	Nicaragua.....	2,027	13,795	8,656
Peru.....	22,126	23,776	8,519	U.S.S.R.....	26,149	28,609	7,353
Other countries.....	6,799	42,832	6,590	Other countries.....	33,329	12,286	14,510
Total.....	134,473	149,141	67,583	Total.....	165,633	145,414	137,881

<sup>1</sup> 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 98.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1963-69**

Year beginning August	Micronaire groups						
	2.6 and below	2.7 to 2.9	3.0 to 3.2	3.3 to 3.4	3.5 to 4.9	5.0 to 5.2	5.3 and above
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1963.....	0.8	2.5	5.1	4.0	80.0	6.0	1.6
1964.....	.8	1.9	4.9	4.5	76.8	7.9	3.2
1965.....	1.7	4.0	6.4	4.3	73.6	7.5	2.5
1966.....	2.2	4.5	6.8	4.2	66.7	10.9	4.9
1967.....	2.4	6.1	9.8	6.5	69.6	4.6	1.0
1968.....	1.1	3.3	6.2	4.4	76.5	7.0	1.5
1969 <sup>1</sup> .....	.8	1.5	3.1	2.5	76.9	11.5	3.7

<sup>1</sup> Preliminary.

Consumer and Marketing Service.

Table 99.—Cotton, American upland: Spot prices in cents per pound for specified grades of one-inch staple, 1959-68<sup>1</sup>

Year beginning August	White				Light Spotted			Spotted	
	Strict Middling	Middling	Strict Low Middling	Low Middling	Strict Middling	Middling	Strict Low Middling	Strict Middling	Middling
	<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>
1959.....	32.52	31.93	29.16	26.78	30.66	29.12	26.85	28.67	26.51
1960.....	31.51	30.96	28.83	27.31	29.80	28.71	27.32	28.21	26.90
1961.....	34.25	33.67	32.34	31.03	32.99	32.21	31.01	31.42	30.45
1962.....	34.06	33.52	31.93	30.40	32.70	31.88	30.43	30.76	28.78
1963.....	33.64	33.18	31.58	30.02	32.35	31.58	30.13	30.29	29.38
1964.....	31.20	30.73	29.15	27.57	29.90	29.16	27.71	27.78	26.99
1965.....	30.07	29.60	27.94	26.41	28.73	27.97	26.55	26.54	25.81
1966.....	22.51 <sup>1</sup>	22.08	20.25	18.71	21.11	20.32	18.93	18.86	18.20
1967.....	25.38	24.83	22.97	21.25	23.90	23.01	21.42	21.25	20.57
1968.....	23.38	22.90	20.73	19.16	21.97	21.00	19.34	19.46	18.77

<sup>1</sup> Averages for the designated spot markets.Consumer and Marketing Service. Data for 1954-58 in *Agricultural Statistics, 1967*, table 100.Table 100.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Middling, 1959-68<sup>1</sup>

Year beginning August	$\frac{7}{8}$ inch	$\frac{7}{16}$ inch	$1\frac{1}{16}$ inch	$1\frac{1}{8}$ inch	1 inch	$1\frac{1}{2}$ inches	$1\frac{3}{8}$ inches	$1\frac{3}{4}$ inches
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1959.....	28.55	29.28	30.26	31.11	31.93	32.69	33.46	33.94
1960.....	28.16	28.70	29.43	30.20	30.96	31.71	32.43	32.82
1961.....	31.43	31.89	32.43	33.02	33.67	34.46	35.08	35.44
1962.....	31.30	31.76	32.26	32.82	33.52	34.33	34.93	35.28
1963.....	30.88	31.35	31.85	32.42	33.18	34.00	34.68	35.06
1964.....	28.44	28.91	29.39	29.96	30.73	31.69	32.40	32.94
1965.....	27.25	27.73	28.19	28.79	29.60	30.61	31.46	32.09
1966.....	19.22	19.69	20.20	20.84	22.08	23.22	24.73	25.40
1967.....	19.22	19.71	20.53	22.06	24.83	28.22	30.60	31.48
1968.....	18.68	19.22	20.09	21.10	22.90	24.89	26.93	27.52

<sup>1</sup> Averages for the designated spot markets.Consumer and Marketing Service. Data for 1954-58 in *Agricultural Statistics, 1967*, table 101.Table 101.—Cotton, American upland: High, low, and season average spot price per pound for the base quality, 1959-68<sup>1</sup>

Season beginning August	Middling 1 inch			Season beginning August	Middling 1 inch		
	Average	High	Low		Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1959.....	31.93	32.47	31.38	1964.....	30.73	31.71	30.27
1960.....	30.96	32.91	30.09	1965.....	29.60	30.27	29.41
1961.....	33.67	34.18	32.94	1966.....	22.08	22.65	21.82
1962.....	33.52	34.16	32.95	1967.....	24.83	27.13	22.64
1963.....	33.18	33.42	31.78	1968.....	22.90	25.11	21.87

<sup>1</sup> Averages for the designated spot markets.Consumer and Marketing Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 102.

Table 102.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1959-68<sup>1</sup>

Market	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
	<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>
Greenville	32.53	31.47	34.23	34.23	33.76	31.29	29.90	22.29	25.13	23.55
Charleston	32.54	31.42	34.08	34.02	33.59	31.21	29.88	22.25		
Augusta	32.65	31.46	34.39	34.20	33.67	31.18	29.90	22.21	25.47	23.60
Atlanta	32.55	31.23	34.16	34.12	33.58	31.14	30.21	22.37	25.66	23.56
Montgomery	32.61	31.32	34.18	34.08	33.57	31.12	30.24	22.31	26.08	23.55
New Orleans	31.47	30.55	33.39	33.17	32.82	30.37	29.35	21.91		
Little Rock	31.89	30.85	33.62	33.35	33.07	30.80	29.49	22.04	24.71	23.19
Memphis	32.12	31.08	33.66	33.46	33.10	30.66	29.45	22.10	25.32	23.09
Greenwood	31.79	30.99	33.63	33.59	33.32	30.86	29.69	22.19	24.54	23.04
Galveston	31.50	30.68	33.35	33.31	32.93	30.37	29.38	22.02		
Dallas	31.38	30.52	33.36	33.31	32.73	30.29	29.25	21.84	24.47	22.34
Houston	31.51	30.54	33.27	33.30	32.80	30.27	29.35	21.86	24.37	22.50
Lubbock	31.30	30.17	32.94	32.98	32.53	30.18	29.06	21.84	23.92	22.28
Phoenix <sup>2</sup>				32.38	32.28	29.99	28.90	21.55	23.89	21.95
Fresno	31.21	31.16	33.12	33.37	33.89	31.15	30.01	22.37	22.42	22.25
Average	31.93	30.96	33.67	33.52	33.18	30.73	29.60	22.08	24.83	22.90

<sup>1</sup> Year beginning August. Average of monthly averages. Prices are for Middling 1 inch.<sup>2</sup> Designated August 1962.

Consumer and Marketing Service.

Table 103.—Cotton: Average cost per 500-pound gross weight bale to farmers for ginning cotton (including bagging and ties), by States, 1959-68<sup>1</sup>

Kind of cotton and State	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
	<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>
Upland:										
Missouri	17.81	18.52	19.87	19.77	19.52	19.40	18.82	20.70	20.48	20.73
Virginia	9.15	9.58	12.00	11.99	12.21	12.38	12.44	13.25		
North Carolina	12.51	12.45	13.54	13.57	13.73	14.46	15.02	14.99	15.08	17.77
South Carolina	11.73	12.78	13.78	14.17	14.25	14.18	14.84	14.95	15.37	17.07
Georgia	11.23	12.61	13.37	13.28	13.50	13.63	13.79	14.08	13.65	14.26
Florida	13.94	13.23	14.24	13.44	15.86	14.48	14.04	14.40	14.31	14.34
Tennessee	13.96	14.30	15.42	15.71	15.28	15.50	15.00	18.59	18.42	17.62
Alabama	11.43	11.79	12.24	12.44	12.72	12.77	13.26	13.55	13.36	14.32
Mississippi	13.73	13.42	14.47	14.69	14.76	14.50	15.19	15.91	16.08	16.07
Arkansas	15.71	16.26	17.67	17.71	17.20	17.62	17.88	18.31	18.00	18.49
Louisiana	15.08	15.31	15.89	16.31	16.01	16.63	16.53	17.29	17.48	17.17
Oklahoma	15.52	17.26	19.87	19.79	19.20	20.10	19.13	20.70	19.25	19.39
Texas	15.94	16.17	17.94	18.27	18.11	17.96	18.84	19.65	19.48	19.36
New Mexico	14.01	14.97	17.06	17.36	17.65	17.78	19.84	20.27	19.21	19.41
Arizona	16.88	17.08	18.23	18.38	19.48	18.76	18.79	20.78	20.64	20.08
California	15.91	16.30	17.84	18.56	18.58	19.05	18.82	19.41	21.36	21.44
All upland cotton	15.02	15.42	16.83	17.08	16.80	16.78	17.30	18.25	18.60	18.64
American Pima <sup>2</sup>	25.62	26.28	28.76	28.72	27.06	26.30	28.55	27.09	28.13	29.23

<sup>1</sup> Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners.<sup>2</sup> Name changed from "American-Egyptian", effective July 1, 1970.

Consumer and Marketing Service and Economic Research Service.



Table 104.—Cotton: Average spot price per pound in specified foreign countries, 1962-69<sup>1</sup>

Market and description	Year beginning August							
	1962	1963	1964	1965	1966	1967	1968	1969
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Alexandria, Egypt: Giza 66, G/FG <sup>2</sup> .....	29.66	30.44	34.70	29.28	28.45	32.13	36.00	35.29
Alexandria, Egypt: Menoufi, G/FG <sup>2</sup> .....	33.83	37.15	41.70	38.62	40.00	44.37	50.23	50.42
Bombay, India: Vidarba, Fine <sup>3</sup> .....	23.91	25.13	25.30	27.28	22.79	24.14	24.58	26.45
Karachi, Pakistan: 289F Sind, S.G., Fine.....	22.33	22.25	26.54	24.41	22.09	23.37	26.05	25.53
Karachi, Pakistan: 4F Punjab R.G., Fine.....	19.38	19.62	23.74	21.62	19.15	18.78	22.42	22.34
Lima, Peru: Tanguis, Type 5.....	27.58	29.80	28.08	25.39	28.73	27.73	24.18	24.02
Lima, Peru: Pima, Type 1.....	32.19	34.91	35.37	33.39	35.73	39.00	40.32	40.59
Sao Paulo, Brazil: Type 5.....	15.32	14.89	19.82	20.99	21.08	25.19	20.91	20.65
Matamoros, Mexico: Middling 1½ <sup>4</sup> .....	25.06	25.63	25.05	24.09	24.54	26.53	23.46	23.13

<sup>1</sup> All prices are averages of 52 weekly quotations except 1969 which is for 30 weeks. Export taxes are excluded except for Matamoros.

<sup>2</sup> Egyptian Cotton Commission official export selling prices since May 31, 1962. Giza 66 replaced Ashmouni Aug. 5, 1965; Menoufi replaced Karnak July 9, 1964.

<sup>3</sup> Jarila Fine prior to Sept. 2, 1965.

<sup>4</sup> Matamoros District cotton in standard density bales ex-warehouse Brownsville, Texas, gross weight basis. Tampico-Altamira (M 1½) replaced Matamoros (M 1½) June 22, 1967. Torreon-Coahuila district cotton replaced Tampico-Altamira Nov. 2, 1967. Sinaloa-Sonora replaced Torreon-Coahuila June 6, 1969. Torreon-Coahuila replaced Sinaloa-Sonora Nov. 21, 1969.

Foreign Agricultural Service. Data for 1954-61 in *Agricultural Statistics, 1967*, table 105.

Table 105.—Cotton linters: Supply, distribution, and season average price, United States, 1959-69

Year beginning August	Supply				Distribution		Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	Cents	Cents	Cents
1959.....	544	1,665	164	2,373	1,446	329	7.83	5.68	2.92
1960.....	465	1,582	124	2,171	1,281	339	7.95	5.28	3.30
1961.....	468	1,627	183	2,278	1,338	250	8.30	6.66	4.92
1962.....	576	1,646	113	2,335	1,328	351	7.59	6.30	2.91
1963.....	550	1,598	164	2,312	1,358	322	7.90	6.24	2.57
1964.....	601	1,652	153	2,406	1,386	301	7.96	5.98	2.52
1965.....	671	1,580	193	2,444	1,453	283	7.77	5.89	3.13
1966.....	641	1,129	200	1,969	1,157	179	9.39	7.89	5.69
1967.....	637	883	129	1,650	1,090	176	9.28	7.26	4.38
1968.....	365	1,307	131	1,802	1,125	171	8.34	5.88	3.47
1969 <sup>3</sup> .....	432								

<sup>1</sup> Uncompressed in carload lots, f.o.b. mill points.

<sup>2</sup> Bales are running bales except imports, which are 500-pound bales; includes production at oil mills, gins, and other delinting plants. Beginning in 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.

<sup>3</sup> Preliminary.

Consumer and Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce. Data for 1944-58 in *Agricultural Statistics, 1967*, table 107.

## FOOTNOTES FOR TABLE 106

<sup>1</sup> Estimates for Southern Hemisphere countries include unginced cotton.

<sup>2</sup> Includes cotton destroyed or unaccounted for.

<sup>3</sup> Bales of 480 pounds net (500 pounds gross).

<sup>4</sup> Running bales except imports, which are in bales of 480 pounds net.

<sup>5</sup> Ginning in season of 10,990,000 running bales plus city crop of 40,000.

<sup>6</sup> Imports for consumption.

<sup>7</sup> Includes 13,000 bales unaccounted for required to balance supply and distribution.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 106.—Cotton: Supply and distribution, by countries, 1968–69

Country	Beginning stocks Aug. 1 <sup>1</sup>	Production	Imports	Total supply	Con- sump- tion <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distri- bution
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
<b>Exporting countries:</b>								
Mexico.....	575	2,450	2	3,027	712	1,631	684	3,027
Nicaragua.....	92	405	.....	497	32	452	13	497
El Salvador.....	27	205	9	241	50	107	84	241
Guatemala.....	51	335	.....	386	35	325	26	386
Argentina.....	370	515	85	970	450	1	519	970
Brazil.....	1,456	3,300	.....	4,756	1,325	1,765	1,666	4,756
Colombia.....	95	640	5	740	310	295	135	740
Paraguay.....	10	55	.....	65	25	28	12	65
Peru.....	422	425	.....	847	80	376	391	847
Other Western Hemisphere.....	3	49	.....	52	16	28	8	52
Angola.....	.....	70	.....	70	5	52	13	70
Chad.....	40	200	.....	240	1	190	49	240
Central African Republic.....	47	80	.....	127	2	75	50	127
Cameroon.....	12	90	.....	102	.....	94	8	102
Malawi.....	8	25	.....	33	15	10	8	33
Rhodesia.....	15	200	.....	215	60	50	115	215
Sudan.....	771	1,050	.....	1,821	65	848	908	1,821
Uganda.....	56	350	.....	406	40	242	124	406
United Arab Republic.....	244	2,005	.....	2,249	850	1,087	312	2,249
Nigeria.....	40	260	.....	300	155	60	85	300
Tanzania.....	27	235	.....	262	20	208	34	262
Mozambique.....	164	195	.....	359	20	180	159	359
Other Africa.....	44	382	20	446	168	200	78	446
Afghanistan.....	48	100	.....	148	50	50	48	148
Burma.....	10	50	.....	60	30	20	10	60
Iran.....	52	690	.....	742	235	420	87	742
Israel.....	15	150	22	187	115	35	37	187
Pakistan.....	550	2,430	1	2,981	1,670	574	737	2,981
Syria.....	25	705	.....	730	115	549	66	730
Turkey.....	235	2,000	.....	2,235	790	953	492	2,235
Other Asia.....	11	87	.....	98	51	25	22	98
Greece.....	75	335	91	501	205	180	116	501
Total "free world countries" above.....	5,590	20,068	235	25,893	7,687	11,110	7,096	25,893
United States <sup>4</sup> .....	6,448	<sup>5</sup> 11,030	<sup>6</sup> 68	<sup>7</sup> 17,559	8,307	2,731	6,521	17,559
U.S.S.R.....	1,300	9,300	600	11,200	7,800	2,200	1,200	11,200
Total exporting countries.....	13,338	40,398	903	<sup>7</sup> 54,652	23,794	16,041	14,817	54,652
<b>Importing countries:</b>								
Canada.....	91	.....	347	438	375	.....	63	438
Chile.....	7	.....	140	147	135	.....	12	147
Other Western Hemisphere.....	23	123	68	214	186	2	26	214
Austria.....	24	.....	96	120	103	.....	17	120
Belgium.....	114	.....	302	416	300	4	112	416
Finland.....	76	.....	69	145	71	.....	74	145
France.....	257	.....	1,145	1,402	1,150	6	246	1,402
Germany, West.....	455	.....	1,127	1,582	1,125	85	372	1,582
Italy.....	354	8	.....	1,348	1,025	.....	323	1,348
Netherlands.....	94	.....	286	380	290	42	48	380
Portugal.....	56	.....	406	462	350	.....	112	462
Spain.....	75	350	275	700	525	.....	175	700
Sweden.....	63	.....	64	127	68	3	56	127
Switzerland.....	135	.....	204	339	185	.....	154	339
United Kingdom.....	273	.....	778	1,051	812	.....	239	1,051
Yugoslavia.....	89	14	450	553	425	.....	128	553
Other Europe.....	17	.....	66	83	63	.....	20	83
Australia.....	158	155	11	324	135	19	170	324
Hong Kong.....	148	.....	777	925	775	.....	150	925
India.....	2,585	4,900	377	7,862	5,400	137	2,325	7,862
Japan.....	1,176	.....	3,131	4,307	3,500	6	801	4,307
Korea, Republic of.....	93	20	450	563	430	.....	133	563
Philippines.....	30	.....	177	207	180	.....	27	207
China (Taiwan).....	215	3	445	663	400	.....	263	663
Other Asia.....	172	135	294	601	480	31	90	601
Ethiopia.....	9	35	25	69	60	.....	9	69
South Africa, Republic of.....	129	100	132	361	225	6	130	361
Other Africa.....	38	48	105	191	126	28	37	191
Total "free world countries" above.....	6,956	5,891	12,733	25,580	18,899	369	6,312	25,580
Communist importing countries.....	1,529	6,895	3,178	11,602	10,104	.....	1,498	11,602
Total importing countries.....	8,485	12,786	15,911	37,182	29,003	369	7,810	37,182
Afloat.....	400	.....	.....	400	.....	.....	400	400
World total.....	22,223	53,184	16,814	<sup>7</sup> 92,234	52,797	16,410	23,027	92,234
Foreign Free World (all countries).....	12,546	25,959	12,968	51,473	26,586	11,479	13,408	51,473

See footnotes on page 71.

Table 107.—Cotton: Estimated world stocks, by principal surplus and deficit countries, 1965-69<sup>1</sup>

Country	Stocks on hand Aug. 1					Country	Stocks on hand Aug. 1				
	1965	1966	1967	1968 <sup>2</sup>	1969 <sup>2</sup>		1965	1966	1967	1968 <sup>2</sup>	1969 <sup>2</sup>
<b>Surplus countries:</b>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<b>Deficit countries:</b>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>	<i>1,000 bales<sup>3</sup></i>
United States <sup>4</sup> .....	14,291	16,862	12,533	6,448	6,521	Canada.....	92	126	120	91	63
Mexico.....	518	378	520	575	684	Belgium and Luxembourg.....	104	114	107	114	112
El Salvador.....	98	35	35	27	84	France.....	257	252	289	257	248
Nicaragua.....	36	7	91	92	13	Germany, West.....	400	322	331	455	372
Iran.....	31	35	53	52	87	Italy.....	262	293	378	354	323
Pakistan.....	170	295	492	550	737	Netherlands.....	101	87	101	94	48
Syria.....	51	58	36	25	66	Portugal.....	115	105	62	56	112
Turkey.....	240	180	200	235	492	Spain.....	135	200	153	75	175
Argentina.....	580	640	470	370	519	Sweden.....	51	46	53	63	56
Brazil.....	760	1,070	856	1,456	1,868	Switzerland.....	117	101	133	135	154
Peru.....	400	307	315	422	391	United Kingdom.....	306	260	197	273	239
Congo (Kinshasa).....	14	17	22	22	37	Yugoslavia.....	100	88	122	89	128
Tanzania, Kenya, and Uganda.....	91	130	79	88	160	Hong Kong.....	139	130	138	148	150
United Arab Republic.....	372	375	235	244	312	India.....	2,216	2,130	2,112	2,585	2,325
Sudan.....	434	575	725	771	908	Japan.....	820	698	1,013	1,176	801
Others <sup>5</sup> .....	1,942	2,130	2,341	1,961	2,143	Korea, Republic of.....	40	44	71	93	133
Total surplus countries.....	20,038	23,094	19,003	13,338	14,820	Australia.....	67	90	84	158	170
						Others <sup>6</sup> .....	2,136	2,093	2,239	2,269	2,203
						Total deficit countries.....	7,458	7,179	7,703	8,485	7,810
						Afloat.....	200	200	400	400	400
						World total.....	27,696	30,473	27,106	22,223	23,030

<sup>1</sup> Estimates for Southern Hemisphere countries include unginnet cotton.

<sup>2</sup> Preliminary.

<sup>3</sup> In bales of 480 pounds net except United States, which is in running bales.

<sup>4</sup> Running bales.

<sup>5</sup> Mostly U.S.S.R., Mozambique, and Nigeria.

<sup>6</sup> Mostly China and Eastern Europe.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information. Data for 1957-64 in *Agricultural Statistics, 1967*, table 109.

Table 108.—Cotton, wool, silk, rayon, and other synthetic fibers: Consumption, total and per capita, United States, 1954-69

Year	Total					Per capita				
	Cotton	Wool <sup>1</sup>	Silk <sup>2</sup>	Rayon and acetate <sup>3</sup>	Other synthetic fibers <sup>3</sup>	Cotton	Wool <sup>1</sup>	Silk <sup>2</sup>	Rayon and acetate <sup>3</sup>	Other synthetic fibers <sup>3</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1954.....	4,127.3	384.1	8.5	1,175.1	333.2	25.4	2.4	0.1	7.2	2.1
1955.....	4,382.4	413.8	11.0	1,454.6	447.8	26.5	2.5	.1	8.8	2.7
1956.....	4,362.6	440.8	12.7	1,224.8	502.5	25.9	2.6	.1	7.3	3.0
1957.....	4,060.4	368.8	8.3	1,202.7	589.8	23.7	2.2	(*)	7.0	3.4
1958.....	3,866.9	331.1	5.3	1,162.4	601.8	22.2	1.9	(*)	6.7	3.5
1959.....	4,334.5	435.3	8.0	1,293.8	770.9	24.5	2.5	(*)	7.3	4.4
1960.....	4,190.9	411.0	6.9	1,081.7	796.1	23.2	2.3	(*)	6.0	4.4
1961.....	4,081.5	412.1	6.7	1,155.6	905.1	22.2	2.2	(*)	6.3	4.9
1962.....	4,188.0	429.1	6.5	1,291.2	1,127.3	22.4	2.3	(*)	6.9	6.0
1963.....	4,040.2	411.7	6.4	1,471.0	1,316.8	21.3	2.2	(*)	7.8	7.0
1964.....	4,244.4	356.7	6.7	1,555.8	1,617.0	22.1	1.9	(*)	8.1	8.4
1965.....	4,477.5	387.0	5.8	1,593.3	2,027.3	23.0	2.0	(*)	8.2	10.4
1966.....	4,630.5	370.2	4.6	1,623.2	2,368.8	23.5	1.9	(*)	8.2	12.0
1967.....	4,423.0	312.5	2.8	1,520.4	2,716.2	22.2	1.6	(*)	7.6	13.6
1968 <sup>5</sup> .....	4,146.5	329.7	4.0	1,710.8	3,585.0	20.6	1.6	(*)	8.5	17.8
1969 <sup>5</sup> .....	3,925.6	313.9	2.5	1,623.8	3,912.7	19.3	1.5	(*)	8.0	19.3

<sup>1</sup> Apparel and carpet wool, scoured basis.

<sup>2</sup> Imports for consumption.

<sup>3</sup> Domestic shipments plus imports for consumption. Includes producers' waste consumed by mills.

<sup>4</sup> Less than 0.05 pound.

<sup>5</sup> Preliminary.

Economic Research Service. Data on manmade fibers from *Textile Organon*. Calendar year data divided by population on July 1, including Armed Forces overseas, to calculate per capita consumption. Data for 1929-53 in *Agricultural Statistics, 1967*, table 110.

Table 109.—Rayon, raw silk, and cotton yarn: Price per pound; production, imports, exports, and consumption of rayon; imports of raw silk, United States, 1960-69

Year	Rayon <sup>1</sup>						Raw silk		Cotton yarn
	Production	Imports for consumption	Exports <sup>2</sup>	Consumption <sup>3</sup>	Price per pound <sup>4</sup>		Imports for consumption	Price per pound <sup>7</sup>	Price per pound <sup>8</sup>
					Filament yarn <sup>5</sup>	Staple fiber <sup>6</sup>			
	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Million pounds	Dollars	Cents
1960.....	1,028.5	61.6	26.9	1,081.7	82.0	29.9	6.9	4.60	73.3
1961.....	1,095.2	38.8	35.9	1,155.6	82.0	27.2	6.7	5.20	70.7
1962.....	1,272.1	53.5	48.7	1,291.2	82.0	27.0	6.5	6.03	71.7
1963.....	1,348.8	118.2	44.6	1,471.0	82.0	27.2	6.4	7.18	69.8
1964.....	1,431.8	119.7	36.2	1,555.8	78.5	28.0	6.7	5.72	67.9
1965.....	1,527.0	84.0	30.5	1,593.3	79.5	28.0	5.8	6.86	66.9
1966.....	1,519.0	118.5	24.6	1,623.2	80.5	28.0	4.6	8.14	<sup>9</sup> 69.6
1967.....	1,388.1	92.7	22.5	1,520.4	81.0	28.0	2.8	( <sup>10</sup> )	<sup>9</sup> 67.7
1968 <sup>11</sup> .....	1,594.3	139.6	23.0	1,710.8	85.2	28.0	4.0	( <sup>10</sup> )	<sup>9</sup> 71.1
1969 <sup>11</sup> .....	1,576.2	95.3	21.0	1,623.8	89.4	28.0	2.5	( <sup>10</sup> )	<sup>9</sup> 68.1

<sup>1</sup> Includes filament yarn and staple fiber.

<sup>2</sup> Producers' exports.

<sup>3</sup> Domestic shipments plus imports for consumption. Includes producers' waste consumed by mills.

<sup>4</sup> Wholesale prices f.o.b. producer plants.

<sup>5</sup> Viscose, 150 denier, 1st quality.

<sup>6</sup> Viscose, 1½ denier.

<sup>7</sup> Japanese silk, white 20/22.

<sup>8</sup> Carded knitted 30/1 on cones or tubes.

<sup>9</sup> Estimated from Bureau of Labor Statistics seasonal indexes.

<sup>10</sup> Not available.

<sup>11</sup> Preliminary.

Economic Research Service. Compiled as follows: Exports, imports, production, and consumption of rayon from the *Textile Organon*; prices from bulletins of the U.S. Department of Labor and the *Textile Organon*. Data for 1944-59 in *Agricultural Statistics, 1967*, table 111.

Table 110.—Rayon and acetate: Production of filament yarn and staple fiber in selected countries and world total, 1959-68

Year	United States	Canada	Western Germany	Japan	United Kingdom	Italy	France	Netherlands	USSR	Other countries	World
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Filament yarn:											
1959.....	737.7	46.8	160.4	255.9	177.6	163.1	116.4	69.6	194.0	487.5	2,409.0
1960.....	654.5	43.0	164.4	314.7	186.5	179.6	121.2	76.0	223.0	530.6	2,493.5
1961.....	641.7	39.8	166.3	311.2	174.5	184.8	124.5	75.0	231.0	552.9	2,501.7
1962.....	726.1	45.6	171.1	301.1	176.8	193.7	127.9	71.4	249.0	586.0	2,648.7
1963.....	709.7	49.5	173.4	293.6	188.5	196.1	129.1	73.9	290.0	610.7	2,714.5
1964.....	777.5	53.2	172.7	298.8	212.5	201.3	130.7	83.4	335.5	662.3	2,926.9
1965.....	825.0	58.6	172.9	306.9	216.4	188.6	120.8	86.3	362.9	690.6	3,029.0
1966.....	799.8	49.0	171.8	311.0	206.1	192.4	123.0	82.9	399.7	701.8	3,037.5
1967.....	734.7	42.0	144.9	320.6	202.8	199.4	109.5	72.8	422.9	723.9	2,973.5
1968.....	805.2	46.1	157.3	313.6	214.8	201.8	109.5	78.9	454.0	741.0	3,122.2
Staple fiber:											
1959.....	429.1	38.9	361.0	590.1	246.8	179.7	125.7	30.8	171.0	954.9	3,128.0
1960.....	374.0	32.3	371.3	638.4	266.1	176.5	140.2	32.6	209.5	1,014.7	3,255.6
1961.....	453.5	33.9	366.9	664.9	240.3	197.5	147.5	32.9	269.0	1,022.1	3,428.5
1962.....	546.0	42.3	395.9	634.9	258.5	224.9	146.0	30.5	287.5	1,099.6	3,666.1
1963.....	639.1	47.4	437.6	716.2	286.9	245.0	180.7	37.3	296.0	1,143.3	4,029.5
1964.....	654.3	54.4	469.9	763.6	319.0	269.3	192.3	41.6	335.2	1,218.5	4,318.1
1965.....	702.0	55.7	457.3	775.4	302.9	223.4	162.8	42.1	364.3	1,244.6	4,330.5
1966.....	719.2	51.6	430.0	790.5	276.4	205.4	151.3	40.9	398.4	1,269.2	4,332.9
1967.....	653.4	54.2	376.5	809.7	304.7	201.1	128.2	21.7	448.0	1,341.1	4,338.6
1968.....	789.1	55.3	393.0	766.1	356.0	209.2	147.4	.....	480.7	1,456.8	4,653.6

Economic Research Service. Compiled from the *Textile Organon*. Data for 1944-58 in *Agricultural Statistics, 1967*, table 112.

Table 111.—Silk and vegetable fibers (except cotton): United States imports for consumption, by country of origin, 1968 and 1969

Commodity imported and country of origin	1968	1969 <sup>1</sup>	Commodity imported and country of origin	1968	1969 <sup>1</sup>
Raw silk: <sup>2</sup>	1,000 pounds	1,000 pounds	Crin vegetal:	Tons <sup>5</sup>	Tons <sup>5</sup>
Japan.....	492	282	Morocco.....	104	50
Korea, Republic of.....	848	761	Other.....	5	0
Italy.....	791	798	Total.....	109	50
Brazil.....	54	56			
Other.....	4	9	Abaca or manila:		
Total.....	2,189	1,906	Mexico.....	0	0
Waste and advanced waste: <sup>3</sup>			Indonesia.....	0	72
Japan.....	820	806	Philippines.....	19,173	19,439
Italy.....	944	432	Malagasy Republic.....	0	0
Brazil.....		79	Other Asia.....	2,308	1,804
United Kingdom.....		66	Africa.....	0	0
Other.....	25	25	Other America.....	125	75
Total.....	1,789	1,408	Europe.....	64	0
			Total.....	21,670	21,390
Flax, unmanufactured: <sup>4</sup>	Tons <sup>5</sup>	Tons <sup>5</sup>	Sisal and henequen:		
Belgium and Luxembourg.....	1,714	1,333	Mexico.....	37,468	20,781
Netherlands.....	199	132	Haiti.....	6,609	8,480
United Kingdom.....	20	19	Brazil.....	17,209	15,002
Other Europe.....	44	54	Other Americas.....	52	28
United Arab Republic.....	0	0	Europe.....	236	196
Total.....	1,977	1,538	Indonesia.....	1,234	932
Hemp, unmanufactured: <sup>4</sup>			Other Asia and Australia.....	625	179
Yugoslavia.....	0	0	Angola and Portuguese Guinea.....	191	46
India.....	20	0	Tanzania, Kenya, and Uganda.....	8,997	7,089
Malaysia.....	25	0	Mozambique.....	526	50
Philippines.....	63	69	Malagasy Republic.....	843	649
Total <sup>6</sup> .....	108	69	Other Africa.....	0	366
Sunn, unmanufactured:			Total.....	73,990	53,798
India.....	1,531	931	Istle or tampico, unmanufactured:		
Other countries.....	173	250	Mexico.....	510	399
Total <sup>6</sup> .....	1,704	1,181	Other countries.....	72	1
Jute and jute butts, unmanufactured:			Total <sup>6</sup> .....	582	400
Jamaica.....	0	0	Coir, unmanufactured:		
Other Americas.....	470	324	Mexico.....	74	483
Pakistan.....	36,647	24,161	Jamaica.....	7	0
Thailand.....	8,211	4,990	Other Americas.....	0	67
Other Asia.....	3,707	3,505	Ceylon.....	2,930	1,702
Europe.....	735	774	India.....	22	50
Total.....	49,770	33,754	Other Asia and Africa.....	117	3
Kapok:			Other.....	104	56
Ecuador and Mexico.....	14	0	Total.....	3,254	2,361
Indonesia.....	1,834	653	Other vegetable fibers: <sup>7</sup>		
Thailand.....	15,788	8,607	Mexico.....	2,209	2,929
Vietnam, South.....	0	20	Dominican Republic.....	49	59
Other Asia.....	140	518	Brazil.....	340	77
Total.....	17,776	9,798	Other Americas.....	6	36
			Europe.....	80	230
			India.....	16	166
			Sierra Leone.....	904	561
			Nigeria.....	0	25
			Malagasy Republic.....	128	143
			Other Africa and Asia.....	76	27
			Total.....	3,808	4,253

<sup>1</sup> Preliminary.<sup>2</sup> Includes wild or tussah, and raw silk in skeins.<sup>3</sup> Silk waste, noils, and cocoons.<sup>4</sup> Includes all classes; weight added without conversion to an equivalent fiber basis.<sup>5</sup> Long tons of 2,240 pounds.<sup>6</sup> Includes data for countries not shown.<sup>7</sup> Includes broomroot fiber, rice straw and rice fiber, raffia, maguey or cantala, piassava, other palm and palm-type fibers, other unmanufactured fibers, and other crude straw and crude fibrous vegetable substances.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 112.—Silk and vegetable fibers (except cotton): Imports for consumption, United States, 1960-69

Year	Silk		Vegetable fibers, unmanufactured							
	Raw <sup>1</sup>	Waste <sup>2</sup>	Flax <sup>3 4</sup>	Hemp <sup>3 4</sup>	Jute and jute butts	Abaca or manila <sup>3</sup>	Sisal and henequen <sup>3</sup>	Istle or tam-pico <sup>3</sup>	Kapok <sup>3</sup>	Other fibers <sup>3 5</sup>
	1,000 pounds	1,000 pounds	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>
1960.....	6,454	429	2,140	65	54,599	20,804	95,979	3,535	9,450	9,265
1961.....	5,867	824	2,708	61	22,249	28,055	103,308	276	10,208	4,973
1962.....	5,277	1,213	2,541	139	77,864	26,600	108,339	3,257	11,629	9,024
1963.....	4,406	1,988	2,211	34	77,307	28,026	90,992	6,963	11,966	4,679
1964.....	4,423	2,272	2,193	40	72,972	26,299	82,551	875	13,004	4,521
1965.....	3,639	2,665	2,536	64	41,490	34,736	86,860	1,260	23,871	3,376
1966.....	3,510	1,113	2,609	88	51,058	33,406	78,369	341	12,984	3,928
1967.....	2,506	294	1,841	59	43,095	27,459	67,013	495	14,309	4,948
1968.....	2,189	1,789	1,977	108	49,770	21,670	73,990	582	17,776	3,808
1969 <sup>7</sup> .....	1,906	1,408	1,538	69	33,754	21,390	53,798	400	9,798	4,253

<sup>1</sup> Includes wild or tussah, and raw silk in skeins.

<sup>2</sup> Silk waste, noils, and cocoons.

<sup>3</sup> Beginning 1963, not entirely comparable with preceding years because of change in schedule classification.

<sup>4</sup> Includes weights of all classes added without conversion to an equivalent fiber basis.

<sup>5</sup> Includes crin vegetal, New Zealand or phormium fiber, broomroot, rice straw and rice fiber, coir, and other unmanufactured vegetable fiber.

<sup>6</sup> Tons of 2,240 pounds.

<sup>7</sup> Estimated.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 113.

Table 113.—Jute and hard fibers: Imports for consumption in United States, prices at New York, and world production, 1960-69

Year	Jute			Abaca		Sisal and henequen	
	Imports for consumption (raw)	Price per pound—raw jute at New York <sup>1</sup>	World production <sup>2</sup>	Price per pound—raw abaca at New York <sup>3</sup>	World production	Imports for consumption (raw)	World production
	Million pounds	Cents	Million pounds	Cents	Million pounds	Million pounds	Million pounds
1960.....	122	18.2	3,625	31.7	234	216	1,704
1961.....	50	23.2	5,545	29.5	194	231	1,691
1962.....	174	17.6	5,052	23.2	222	243	1,776
1963.....	173	15.6	5,337	22.7	262	204	1,822
1964.....	163	15.8	5,119	23.5	247	185	1,915
1965.....	93	17.4	4,932	23.1	263	195	1,770
1966.....	114	18.9	5,374	22.1	239	173	1,815
1967.....	97	17.8	5,411	21.5	209	150	1,733
1968.....	111	16.2	4,323	19.3	180	165	1,627
1969 <sup>4</sup> .....	76	17.8	6,962	20.3	168	120	1,613

<sup>1</sup> Grade specifications changed from mill firsts to exports firsts, f.o.b. New York, February 1963.

<sup>2</sup> Does not include Communist China, Manchuria, and U.S.S.R. Excludes mesta.

<sup>3</sup> Price for raw abaca Davao Grade I.

<sup>4</sup> Preliminary.

Foreign Agricultural Service. Import data compiled from reports of the U.S. Department of Commerce; price data from reports of the U.S. Department of Labor. Production data prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information. Data for 1944-59 in *Agricultural Statistics, 1967*, table 115.

**Table 114.—Sugarbeets: Acreage, yield, production, season average price per ton received by farmers, value, and products, United States, 1954-69<sup>1</sup>**

Year	Acreage		Yield per harvested acre	Production	Price <sup>2</sup>	Farm value	Products				
	Planted	Harvested					Sugar, refined basis <sup>3</sup>	Pulp			Molasses
								Molasses	Dried	Wet	
1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 gallons	
1954	964	876	16.1	14,082	10.80	152,151	1,909	355	139	1,823	52,351
1955	798	740	16.5	12,231	11.16	136,502	1,625	354	108	1,368	52,061
1956	831	785	16.6	12,995	11.94	155,109	1,837	428	106	1,378	51,955
1957	916	878	17.7	15,505	11.22	173,986	2,045	480	138	1,538	63,121
1958	935	891	17.0	15,150	11.74	177,807	2,056	484	158	1,372	67,324
1959	955	905	18.8	17,015	11.24	191,186	2,187	591	148	1,482	76,920
1960	976	957	17.2	16,421	11.58	190,109	2,290	613	152	1,298	79,079
1961	1,129	1,077	16.4	17,704	11.16	197,547	2,247	712	131	1,276	98,211
1962	1,182	1,103	16.5	18,250	12.78	233,194	2,417	676	316	1,141	96,643
1963	1,285	1,235	18.9	23,328	12.22	285,011	2,893	1,004	183	1,560	124,602
1964	1,459	1,395	16.8	23,989	11.79	275,660	3,073	1,114	160	1,769	143,688
1965	1,314	1,248	16.8	20,318	11.95	249,875	2,705	989	178	1,433	116,589
1966	1,240	1,161	17.5	20,342	12.80	260,355	2,643	933	186	1,390	113,755
1967	1,197	1,122	17.1	19,197	13.55	260,114	2,464	923	188	1,035	99,826
1968	1,476	1,410	18.0	25,363	13.81	350,207	3,240	.....	.....	.....	.....
1969 <sup>4</sup>	1,650	1,575	18.1	28,518	12.90	367,882	3,533	.....	.....	.....	.....

<sup>1</sup> Relates to year of harvest. Includes some acreage harvested the following spring.<sup>2</sup> Prices do not include Government payments under the Sugar Act.<sup>3</sup> Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 116.**Table 115.—Sugarbeets: Acreage, production and season average price per ton received by farmers, by States, 1967-69**

State	Acreage planted			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
Ohio	26,900	36,500	40,000	25,000	36,000	38,800	467	684	660	12.70	12.90	.....
Michigan	79,300	91,200	93,500	72,000	90,000	92,600	1,256	1,708	1,500	13.00	10.70	.....
Minnesota	129,800	163,700	165,500	126,700	161,400	164,300	1,422	2,177	2,366	14.50	13.00	.....
North Dakota	79,000	88,300	95,800	78,300	87,200	95,300	848	1,125	1,363	14.40	13.20	.....
Nebraska	69,300	75,800	92,800	62,900	71,800	88,000	853	1,222	1,707	14.40	15.40	.....
Kansas	25,000	41,200	49,500	23,100	39,100	48,300	417	597	850	14.10	13.70	.....
Texas	32,400	40,000	49,700	29,800	37,900	46,600	663	824	1,035	12.20	12.70	.....
Montana	59,500	67,500	68,900	57,100	65,700	67,500	1,007	1,034	1,215	14.30	15.00	.....
Idaho	157,800	196,300	207,600	146,900	182,300	186,900	2,912	3,288	3,383	13.30	14.40	.....
Wyoming	53,500	64,500	68,700	51,200	62,100	67,700	849	1,003	1,232	14.60	15.40	.....
Colorado	135,800	179,200	204,900	127,600	168,200	193,700	2,105	2,611	3,428	14.10	14.90	.....
Arizona	13,200	19,600	33,600	11,600	16,900	30,800	188	338	557	11.40	12.20	.....
Utah	25,900	30,300	35,200	25,300	29,300	32,300	458	495	539	13.20	15.00	.....
Washington	49,800	61,200	66,500	47,700	54,900	64,600	1,052	1,383	1,628	13.70	14.20	.....
Oregon	20,200	22,300	25,200	19,500	22,000	23,300	488	523	552	12.30	13.30	.....
California <sup>3</sup>	219,700	263,700	320,000	200,800	254,200	305,500	3,983	6,081	6,110	13.00	13.70	.....
Other States	20,100	34,800	32,900	16,600	31,100	29,000	229	270	393	13.90	14.20	.....
United States <sup>4</sup>	1,197,200	1,476,100	1,650,300	1,122,100	1,410,100	1,575,200	19,197	25,363	28,518	13.55	13.81	12.90

<sup>1</sup> Preliminary.<sup>2</sup> Does not include Government payments under the Sugar Act. See table 120.<sup>3</sup> Relates to year of harvest. Includes some acreage harvested the following spring.<sup>4</sup> U.S. total rounded to hundreds for acreage.

Statistical Reporting Service.

**Table 116.—Sugarbeet seed: Acreage, yield, production, average price per pound received by farmers, value, and foreign trade, United States, 1954–69**

Year	Acreage harvested	Yield per acre	Pro-duction	Average price per pound received by farmers	Farm value	Foreign trade	
						Imports	Exports <sup>1</sup>
	<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>
1954	3,489	3,166	110,462	14.39	1,591	300	4,732
1955	3,801	3,004	114,187	14.21	1,622	33	2,531
1956	3,334	2,648	88,279	14.13	1,247	62	149
1957	3,619	2,613	94,547	14.27	1,349	17	453
1958	4,381	2,507	109,832	15.89	1,745	0	1,393
1959	4,157	2,689	111,788	16.22	1,813	0	6,378
1960	4,078	3,054	124,545	17.13	2,134	0	2,491
1961	3,481	2,745	95,541	17.30	1,653	0	5,861
1962	3,174	2,943	93,416	17.58	1,642	3	842
1963	3,372	2,801	94,447	18.01	1,700	20	243
1964	5,021	2,661	133,614	17.78	2,376	226	406
1965	3,296	2,833	93,363	18.13	1,693	1,510	.....
1966	4,741	2,932	139,020	18.34	2,549	860	.....
1967	3,503	2,438	85,412	18.38	1,570	330	.....
1968	3,100	2,244	69,553	18.68	1,299	1,270	.....
1969	5,550	2,548	141,427	18.47	2,612	1,590	.....

<sup>1</sup> Beginning 1965, not maintained as a separate commodity by the Census Bureau.

Agricultural Research Service. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries engaged in sugarbeet seed production. Data on foreign trade from the U.S. Department of Commerce. Data for 1944–53 in *Agricultural Statistics, 1967*, table 118.

**Table 117.—Sugarbeet seed: Acreage, yield, and production, by States, 1967–69 <sup>1</sup>**

State	Acreage harvested			Yield per acre			Production		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>100-pound bags</i>	<i>100-pound bags</i>	<i>100-pound bags</i>
Arizona	1,265	1,367	1,974	2,405	3,040	2,737	30,427	41,550	54,017
Oregon	2,066	1,564	3,302	2,347	1,421	2,442	48,496	22,223	80,645
Utah	172	169	274	3,773	3,420	2,469	6,489	5,780	6,765
All States	3,503	3,100	5,550	2,438	2,244	2,548	85,412	69,553	<sup>2</sup> 141,427

<sup>1</sup> Commercial seed production from fall plantings overwintered in the field.

<sup>2</sup> Includes 340 bags of multigerm seed produced on 12 acres, which amounted to only 0.24 percent of total production. Monogerm seed amounted to 99.76 percent of total production.

Agricultural Research Service. Compiled from reports furnished by beet sugar companies and their subsidiaries engaged in sugarbeet seed production.



Table 118.—Sugarbeets: Acreage, yield, and production in specified countries, average 1960-64, annual 1968 and 1969

Continent and country	Acreage harvested			Yield per acre			Production <sup>2</sup>		
	Average 1960-64	1968	1969 <sup>1</sup>	Average 1960-64	1968	1969 <sup>1</sup>	Average 1960-64	1968	1969 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
North America:									
Canada .....	90	80	80	13.1	13.6	12.6	1,181	1,088	1,008
United States .....	1,153	1,410	1,575	17.2	18.0	18.1	19,819	25,363	28,518
Total .....	1,243	1,490	1,655	16.9	17.7	17.8	21,000	26,451	29,526
South America:									
Chile .....	35	69	86	17.0	17.6	15.1	596	1,212	1,295
Uruguay .....	31	44	22	10.5	12.0	11.1	327	527	245
Total .....	66	113	108	14.0	15.4	14.3	923	1,739	1,540
Europe:									
Austria .....	108	109	114	17.9	19.6	19.4	1,936	2,134	2,217
Belgium .....	151	222	222	19.3	20.4	22.3	2,907	4,528	4,960
Denmark .....	142	129	128	16.9	18.5	18.7	2,400	2,390	2,397
Finland .....	44	37	35	10.5	14.9	8.6	460	425	300
France .....	956	912	823	16.4	19.4	21.4	15,723	17,649	17,637
Germany, West .....	734	745	754	17.3	20.6	19.7	12,693	15,377	14,881
Ireland .....	78	64	60	13.0	18.4	16.5	1,016	1,176	990
Italy .....	573	756	726	14.5	16.7	15.5	8,304	12,632	11,243
Netherlands .....	200	256	254	20.3	22.1	22.1	4,051	5,651	5,622
Spain .....	357	420	479	11.1	11.4	11.7	3,950	4,782	5,622
Sweden .....	114	101	98	15.8	21.7	17.8	1,797	2,191	1,742
Switzerland .....	15	22	23	18.8	21.6	20.8	282	476	479
United Kingdom .....	431	469	457	15.6	16.7	15.9	6,706	7,847	7,280
Total Western Europe .....	3,903	4,242	4,173	15.9	18.2	18.1	62,225	77,258	75,370
Bulgaria .....	175	133	141	9.4	11.5	15.0	1,643	1,525	2,116
Czechoslovakia .....	620	464	442	13.0	19.2	15.0	8,061	8,926	6,649
Germany, East .....	560	504	477	11.3	15.3	10.5	6,315	7,714	4,993
Hungary .....	316	258	242	10.7	14.8	15.9	3,387	3,826	3,841
Poland .....	1,020	1,023	1,013	11.9	15.9	12.3	12,153	16,314	12,456
Romania .....	442	457	469	7.2	9.5	8.9	3,187	4,339	4,189
Yugoslavia .....	205	195	235	12.2	16.4	17.5	2,511	3,208	4,112
Total Eastern Europe .....	3,338	3,034	3,019	11.2	15.1	12.7	37,257	45,852	38,356
Total Europe .....	7,241	7,276	7,192	13.7	16.9	15.8	99,482	123,110	113,726
U.S.S.R. ....	8,495	8,797	8,401	7.2	11.8	9.3	61,208	103,991	78,263
Asia:									
Japan .....	116	133	146	10.8	17.2	15.7	1,248	2,284	2,296
Turkey .....	388	309	250	10.2	16.8	15.7	3,964	5,198	3,930
Total .....	504	442	396	10.3	16.9	15.7	5,212	7,482	6,226
Grand total .....	17,549	18,118	17,752	10.7	14.5	12.9	187,825	262,773	229,281

<sup>1</sup> Preliminary.<sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugarbeets and sugarcane for sugar: Season average price received by farmers and Sugar Act payments, per ton, in continental United States, 1960-69<sup>1</sup>

Crop year	Sugarbeets			Sugarcane for sugar		
	Prices received by farmers	Sugar Act payments	Total	Prices received by farmers	Sugar Act payments	Total
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	11.58	2.31	13.89	7.41	1.13	8.54
1961.....	11.16	2.26	13.42	7.71	1.19	8.90
1962.....	12.78	2.25	15.03	8.40	1.11	9.51
1963.....	12.22	2.20	14.42	10.20	1.15	11.35
1964.....	11.79	2.20	13.99	6.93	1.01	7.94
1965.....	11.95	2.18	14.13	7.90	1.12	9.02
1966.....	12.80	2.16	14.96	8.49	1.11	9.60
1967.....	13.55	2.17	15.72	9.38	1.16	10.54
1968.....	13.81	2.16	15.97	9.29	1.16	10.45
1969 <sup>2</sup> .....	13.30	2.17	15.47	9.96	1.18	11.14

<sup>1</sup> Payments with respect to crop deficiency and acreage abandonment are not included; see table 741 for these data.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 121.

Table 120.—Sugarbeets and sugarcane for sugar: Season average price received by farmers, and Sugar Act payments, per ton, by States, 1967 and 1968<sup>1</sup>

Commodity and State	1967			1968		
	Prices received by farmers	Sugar Act payments	Total	Prices received by farmers	Sugar Act payments	Total
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
<b>SUGARBEETS</b>						
Maine.....	16.00	2.16	18.16	16.10	1.72	17.82
New York.....	14.00	2.14	16.14	13.00	2.23	15.23
Ohio.....	12.70	2.34	15.04	12.90	2.31	15.21
Illinois.....	11.30	2.11	13.41			
Michigan.....	13.00	2.22	15.22	10.70	2.22	12.92
Minnesota.....	14.50	2.23	16.73	13.00	2.25	15.25
Iowa.....	14.70	2.16	16.86	12.90	2.16	15.06
North Dakota.....	14.40	2.29	16.69	13.20	2.30	15.50
Nebraska.....	14.40	2.31	16.71	15.40	2.40	17.80
Kansas.....	14.10	2.09	16.19	13.70	2.06	15.76
Texas.....	12.20	1.93	14.13	12.70	2.01	14.71
Montana.....	14.30	2.35	16.65	15.00	2.33	17.33
Idaho.....	13.30	2.23	15.53	14.40	2.22	16.62
Wyoming.....	14.60	2.36	16.96	15.40	2.39	17.79
Colorado.....	14.10	2.25	16.35	14.90	2.31	17.21
New Mexico.....	12.00	2.06	14.06	12.70	2.03	14.73
Arizona.....	11.40	2.06	13.46	12.20	2.02	14.22
Utah.....	13.20	2.27	15.47	15.00	2.28	17.28
Washington.....	13.70	2.20	15.90	14.20	2.18	16.38
Oregon.....	12.30	2.17	14.47	13.30	2.12	15.42
California.....	13.00	1.91	14.91	13.70	1.88	15.58
<b>SUGARCANE FOR SUGAR</b>						
Florida.....	10.00	1.01	11.01	9.64	.96	10.60
Louisiana.....	8.86	1.28	10.14	9.03	1.30	10.33

<sup>1</sup> Payments with respect to crop deficiency and acreage abandonment are not included; see table 741 for these data.

Statistical Reporting Service.

Table 121.—Sugarcane for sugar and seed: Acreage, yield, production, value, and production of cane sugar and molasses, United States, 1954-69<sup>1</sup>

Year <sup>2</sup>	Acreage harvested			Yield of cane per acre <sup>2</sup>			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
1954	393.1	19.7	412.8	41.5	23.1	40.6	16,315	456	16,771
1955	373.0	17.1	390.1	44.7	25.0	43.9	16,689	427	17,116
1956	341.1	19.1	360.2	46.7	24.6	45.5	15,924	469	16,393
1957	365.3	18.0	383.3	43.2	23.1	42.3	15,782	416	16,198
1958	337.5	21.4	358.9	40.7	23.3	39.7	13,735	499	14,234
1959	406.8	26.0	432.8	40.0	23.3	39.0	16,260	605	16,865
1960	407.5	29.1	436.6	38.7	24.7	37.7	15,750	718	16,468
1961	441.4	29.7	471.1	42.5	28.9	41.6	18,749	858	19,607
1962	477.2	35.9	513.1	40.2	24.0	39.1	19,178	860	20,038
1963	542.8	33.8	576.6	42.4	31.2	41.8	23,034	1,053	24,087
1964	655.9	27.7	683.6	37.1	26.6	36.6	24,317	736	25,053
1965	583.3	33.7	617.0	39.1	26.1	38.4	22,785	878	23,663
1966	590.2	35.0	625.2	40.0	26.4	39.2	23,590	925	24,515
1967	596.2	31.4	627.6	43.1	30.3	42.5	25,699	952	26,651
1968	577.3	28.5	605.8	41.6	28.1	41.0	24,025	800	24,825
1969 <sup>3</sup>	501.2	30.8	532.0	43.4	28.1	42.5	21,728	864	22,592

  

Year <sup>2</sup>	Season average price per ton received by farmers <sup>4</sup>	Farm value		Sugar production			Molasses made		
		Of cane used for sugar	Of cane used for sugar and seed	Raw value <sup>5</sup>		Refined basis <sup>6</sup>	Black-strap (80° Brix)	Edible	Total <sup>7</sup>
				Total	Per ton of cane				
	Dollars	1,000 dollars	1,000 dollars	1,000 tons	Pounds	1,000 tons	1,000 gallons	1,000 gallons	1,000 gallons
1954	6.95	47,846	50,935	1,687	207	1,577	98,658	2,820	101,478
1955	6.51	44,382	47,108	1,714	205	1,602	99,974	3,193	103,167
1956	8.04	48,324	52,052	1,661	209	1,553	92,931	2,384	95,315
1957	6.90	43,732	46,558	1,617	205	1,511	94,465	2,553	97,018
1958	7.48	46,223	49,910	1,344	196	1,256	92,833	3,084	95,917
1959	7.13	48,821	52,138	1,591	196	1,487	99,391	2,714	102,105
1960	7.41	52,919	57,160	1,566	199	1,464	97,694	3,379	101,073
1961	7.71	70,549	75,980	1,950	208	1,822	116,498	3,075	119,573
1962	8.40	78,623	84,350	1,972	206	1,843	122,594	2,772	125,366
1963	10.20	132,975	142,092	2,284	198	2,134	145,249	2,685	147,934
1964	6.83	94,460	98,015	2,326	191	2,174	160,967	2,648	163,615
1965	7.90	95,155	100,516	2,322	204	2,170	143,111	2,563	145,674
1966	8.49	107,199	113,410	2,448	208	2,287	142,724	2,477	145,201
1967	9.38	137,414	144,438	2,648	206	2,475	158,627	2,466	161,093
1968	9.34	119,006	124,755	2,447	204	2,286	150,057	2,532	152,589
1969 <sup>3</sup>	9.67	105,962	112,598	2,265	208	2,118	.....	.....	135,140

<sup>1</sup> Includes Hawaii for acres harvested, yield per acre, and production of sugarcane for sugar and sugar production; includes molasses production for Hawaii. Also includes Hawaii from 1959 to date for acres harvested, yield, and production of sugarcane for seed. Price and value not available for Hawaii.

<sup>2</sup> The growth of 9 months in Louisiana, 12 months in Florida, and 18-24 months in Hawaii. Sugarcane harvest usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and in Hawaii, the harvest takes place throughout the year.

<sup>3</sup> Preliminary.

<sup>4</sup> Prices do not include Government payments under the Sugar Act.

<sup>5</sup> Raw value is the equivalent in terms of 96° sugar as defined in the Sugar Act of 1948.

<sup>6</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>7</sup> Sirup production not included. See table 136.

Statistical Reporting Service. Of the total sugar produced in Louisiana about 25 percent consists of direct consumption sugar, marketed "as made" without further refining. Data for 1949-53 in *Agricultural Statistics, 1967*, table 123.

**Table 122.—Sugarcane for sugar and seed: Acreage, yield, production, season average price per ton received by farmers, and production of cane sugar and molasses, by States, 1967-69**

State	Sugarcane for sugar and seed											
	Acreage harvested			Yield of cane per acre <sup>2</sup>			Cane production			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
For sugar:												
Florida.....	190.6	181.4	153.4	34.3	29.6	33.0	6,542	5,368	5,062	10.02	9.76	10.00
Louisiana.....	293.8	282.4	236.0	27.6	26.1	25.0	8,111	7,377	5,900	8.86	9.03	9.38
Hawaii.....	111.8	113.5	111.8	98.8	99.4	96.3	11,046	11,280	10,766			
United States.....	596.2	577.3	501.2	43.1	41.6	43.4	25,699	24,025	21,728			
For seed:												
Florida.....	5.7	5.7	6.6	34.3	29.6	33.0	196	169	218			
Louisiana.....	20.7	17.4	19.0	27.6	26.1	25.0	571	454	475			
Hawaii.....	5.0	5.4	5.2	37.0	32.8	32.9	185	177	171			
United States.....	31.4	28.5	30.8	30.3	28.1	28.1	952	800	864			
For sugar and seed:												
Florida.....	196.3	187.1	160.0	34.3	29.6	33.0	6,738	5,537	5,280			
Louisiana.....	314.5	299.8	255.0	27.6	26.1	25.0	8,682	7,831	6,375			
Hawaii.....	116.8	118.9	117.0	96.2	96.4	93.5	11,231	11,457	10,937			
United States.....	627.6	605.8	532.0	42.5	41.0	42.5	26,651	24,825	22,592			

  

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value <sup>4</sup> )			Sugar produced (raw value <sup>4</sup> )			Equivalent refined <sup>5</sup>			Molasses <sup>6</sup>		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	Pounds	Pounds	Pounds	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 gallons	1,000 gallons	1,000 gallons
Florida.....	219	203	213	717	546	540	670	510	505	42,547	36,501	34,500
Louisiana.....	182	181	183	740	669	540	692	625	505	57,125	53,152	42,500
Hawaii.....	216	218	220	1,191	1,232	1,185	1,113	1,151	1,108	61,419	62,936	58,140
United States.....	206	204	208	2,648	2,447	2,265	2,475	2,286	2,118	161,091	152,589	135,140

<sup>1</sup> Preliminary.

<sup>2</sup> The growth of 9 months in Louisiana, 12 months in Florida, and 18-24 months in Hawaii. Sugar campaign usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and in Hawaii, the harvest takes place throughout the year. Yield of cane for sugar used in computing production for seed in Florida and Louisiana.

<sup>3</sup> Does not include Government payments under the Sugar Act. See table 120.

<sup>4</sup> Raw value is the equivalent in terms of 96° sugar as defined in the Sugar Act of 1948.

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

<sup>6</sup> Blackstrap (80° Brix), high-test molasses from frozen cane, and edible molasses.

Statistical Reporting Service.

Table 123.—Sugar, cane and beet: Production, United States and Republic of the Philippines, 1954-69

Crop year <sup>1</sup>	United States						Republic of the Philippines, cane sugar <sup>3</sup>
	Beet sugar (raw value <sup>2</sup> ), continental United States	Cane sugar (raw value <sup>2</sup> )				Total cane and beet sugar	
		Continental United States	Puerto Rico	Hawaii	Virgin Islands		
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1954	2,043	610	1,204	1,077	10	4,944	1,434
1955	1,739	572	1,166	1,140	10	4,627	1,372
1956	1,966	557	1,152	1,100	13	4,788	1,219
1957	2,188	531	990	1,085	15	4,809	1,143
1958	2,200	578	934	765	6	4,483	1,378
1959	2,340	615	1,087	975	12	5,029	1,512
1960	2,450	630	1,019	936	7	5,042	1,529
1961	2,404	858	1,110	1,092	17	5,481	1,451
1962	2,586	852	1,009	1,120	11	5,578	1,618
1963	3,096	1,183	989	1,101	16	6,385	1,714
1964	3,288	1,147	989	1,179	16	6,619	1,856
1965	2,894	1,104	897	1,218	4	6,117	1,767
1966	2,828	1,214	883	1,234	5	6,164	1,590
1967	2,636	1,457	818	1,191	.....	6,102	1,718
1968	3,467	1,209	645	1,232	.....	6,553	1,759
1969 <sup>4</sup>	3,350	1,067	483	1,182	.....	6,082	1,755

<sup>1</sup> Crop year generally coincides with the calendar year except that small proportions of continental U.S. beet and cane sugar are processed early in the following year and that the Philippine crop year starts in October of the preceding year.

<sup>2</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>3</sup> Raw sugar, as made.

<sup>4</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 125.

Table 124.—Sugarcane, sugar, and molasses: Acreage, yield, and production, Puerto Rico, 1954-69

Year <sup>1</sup>	Acreage in cane		Sugarcane harvested		Sugar produced (raw value <sup>2</sup> )		Blackstrap molasses produced
	Grown <sup>2</sup>	Harvested	Yield per acre	Total	Total	Per ton of sugarcane	
	1,000 acres	1,000 acres	Tons	1,000 tons	1,000 tons	Pounds	
1954	424	367	29.6	10,880	1,204	221	61,585
1955	439	361	27.3	9,873	1,166	236	56,279
1956	407	353	29.2	10,306	1,152	224	56,900
1957	389	361	24.1	8,709	990	227	52,566
1958	387	328	27.7	9,067	934	206	56,915
1959	383	345	29.5	10,182	1,087	214	60,961
1960	372	328	30.5	10,001	1,019	204	58,631
1961	362	328	32.8	10,754	1,100	206	62,610
1962	343	309	31.3	9,663	1,009	209	56,204
1963	338	303	33.4	10,123	989	195	61,548
1964	329	303	32.3	9,802	989	202	64,563
1965	.....	288	30.6	8,807	897	204	57,278
1966	.....	273	34.7	9,465	883	187	60,846
1967	.....	263	31.0	8,160	818	200	52,099
1968	.....	237	27.8	6,590	645	196	43,977
1969	.....	180	32.7	5,897	483	164	41,459

<sup>1</sup> Grinding generally begins in January; December grindings are included in the following year. About one-third of the crop is 18 months' growth; two-thirds is 12 months' growth.

<sup>2</sup> Beginning 1965, data not reported.

<sup>3</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

Agricultural Stabilization and Conservation Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 126.

Table 125.—Sugarcane, sugar, and molasses: Acreage, yield, and production in Republic of the Philippines, 1954-69

Crop year <sup>1</sup>	Sugarcane				Sugar produced			Molasses
	Acreage		Production for centrifugal sugar		Centrifugal as made	Muscovado and panocha	Centrifugal sugar made per ton sugarcane <sup>5</sup>	
	Total <sup>2</sup>	Harvested for centrifugal sugar	Yield per acre <sup>3</sup>	Total <sup>4</sup>				
1,000 acres	1,000 acres	Tons	1,000 tons	1,000 tons	1,000 tons	Pounds	1,000 gallons	
1954.....	661	528	23.71	12,516	1,372	58	219	62,421
1955.....	596	468	23.23	10,871	1,219	60	224	49,108
1956.....	580	444	22.39	9,941	1,143	73	230	41,812
1957.....	599	463	25.30	11,712	1,378	75	235	60,091
1958.....	623	484	27.82	13,467	1,512	78	225	68,184
1959.....	597	504	27.29	13,754	1,529	64	222	66,053
1960.....	584	525	24.64	12,941	1,563	70	241	63,194
1961.....	592	535	26.74	14,306	1,618	41	226	67,547
1962.....	640	588	26.99	15,685	1,714	50	219	83,553
1963.....	760	722	24.13	17,421	1,856	52	213	101,480
1964.....	870	809	19.38	15,680	1,717	62	219	113,882
1965.....	790	735	19.92	14,640	1,590	63	217	79,042
1966.....	769	708	21.58	15,277	1,718	62	225	83,057
1967.....	810	756	20.52	15,512	1,759	63	227	94,192
1968.....	810	756	20.83	15,750	1,755	68	223	103,019
1969 <sup>6</sup> .....	890	828	20.63	17,080	1,900	70	222	110,511

<sup>1</sup> Harvesting begins in October, the length of the growing season being about 11 months.

<sup>2</sup> Total harvested acreage includes acreage for both centrifugal and noncentrifugal sugar.

<sup>3</sup> Cane production divided by harvested acreage.

<sup>4</sup> Cane production is reported.

<sup>5</sup> As reported from 1954 to 1957; other years computed.

<sup>6</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information. Data for 1945-53 in *Agricultural Statistics, 1967*, table 127.

Table 126.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1954-69

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments <sup>1</sup>	Department of Agriculture net purchases for export	Domestic disappearance		
			Foreign sources	Territories			Live-stock feed and alcohol	Military and civilian use	Per capita consumption (refined) <sup>2</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds	
1954.....	2,611	1,639	3,799	2,096	20	.....	9	8,302	85.6
1955.....	2,387	1,930	4,027	2,155	37	.....	19	8,516	96.3
1956.....	2,511	2,010	4,256	2,249	44	100	19	8,803	97.8
1957.....	2,560	1,905	4,277	1,947	30	.....	7	8,708	95.0
1958.....	2,815	1,880	4,891	1,459	60	.....	33	9,017	96.8
1959.....	2,822	1,878	4,674	1,947	57	.....	34	9,135	96.4
1960.....	4,012	2,083	4,885	903	46	.....	24	9,434	97.6
1961.....	4,268	2,449	4,407	996	55	.....	32	9,612	97.7
1962.....	4,399	2,319	4,682	915	66	.....	31	9,709	97.2
1963.....	4,870	2,377	4,594	891	30	.....	7	9,791	96.6
1964.....	5,587	2,633	3,633	809	21	.....	14	9,917	96.5
1965.....	5,371	2,867	4,028	834	89	.....	41	10,035	96.4
1966.....	5,288	2,857	4,495	717	65	.....	79	10,258	97.4
1967.....	5,297	2,796	4,804	705	72	.....	199	10,338	97.1
1968.....	5,628	2,959	5,131	504	79	.....	82	10,739	99.8
1969 <sup>3</sup> .....	5,480	3,050	4,885	342	82	.....	67	10,835	99.7

<sup>1</sup> Includes sugar used in manufacture of other commodities.

<sup>2</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.

<sup>3</sup> Preliminary.

Economic Research Service and Agricultural Stabilization and Conservation Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 128.

Table 127.—Sugar: Production in specified countries, average 1960–64, annual 1968 and 1969<sup>1</sup>

Continent and country	Average 1960–64	1968	1969 <sup>2</sup>	Continent and country	Average 1960–64	1968	1969 <sup>2</sup>
<b>CENTRIFUGAL SUGAR (raw value)<sup>3</sup></b>				<b>CENTRIFUGAL SUGAR (raw value)<sup>3</sup>—Continued</b>			
North America (cane):	1,000 tons	1,000 tons	1,000 tons	Africa (cane):	1,000 tons	1,000 tons	1,000 tons
Canada (beet).....	155	149	139	Ethiopia.....	67	73	80
Mexico.....	1,899	2,220	2,300	United Arab Republic.....	401	425	450
United States:				Congo (Kinshasa).....	38	50	50
Continental (beet).....	2,774	3,510	3,500	Kenya.....	41	111	100
Continental (cane).....	934	1,214	1,100	Tanzania <sup>6</sup> .....	51	95	100
Hawaii.....	1,122	1,180	1,235	Uganda.....	128	173	175
Puerto Rico.....	999	483	575	Malagasy Republic.....	110	115	120
Virgin Islands of U.S.....	12	0	0	Mauritius.....	559	728	689
British Honduras.....	33	58	50	Mozambique.....	183	276	300
Costa Rica.....	91	144	150	Reunion.....	246	295	275
El Salvador.....	79	120	132	Rhodesia <sup>7</sup> .....	95	132	150
Guatemala.....	137	200	200	South Africa, Republic of <sup>8</sup> .....	1,233	1,659	1,740
Honduras.....	29	65	62	Swaziland <sup>9</sup> .....	105	170	175
Nicaragua.....	97	138	161	Other Africa <sup>10</sup> .....	154	543	576
Panama.....	42	86	90	Total Africa.....	3,411	4,845	4,980
Cuba.....	5,596	5,200	8,000	Asia (cane unless otherwise indicated):			
Dominican Republic.....	852	920	950	Iran (beet and cane).....	185	568	642
Antigua.....	24	0	11	Turkey (Europe and Asia) (beet).....	639	778	695
Bahamas.....	0	15	25	China: Mainland (cane and beet).....	1,026	2,200	2,200
Barbados <sup>4</sup> .....	200	156	207	Taiwan.....	991	834	788
Guadeloupe.....	165	164	198	Burma.....	66	90	90
Haiti.....	70	60	65	India <sup>11</sup> .....	3,694	4,640	4,978
Jamaica.....	524	432	476	Indonesia.....	708	750	800
Martinique.....	85	35	42	Japan (beet and cane).....	229	457	456
St. Kitts.....	47	39	45	Pakistan.....	225	451	509
Trinidad and Tobago.....	258	265	269	Philippines.....	1,704	1,755	1,903
Total North America.....	16,224	16,853	19,982	Ryukyu Islands.....	161	265	275
South America (cane unless otherwise indicated):				Thailand.....	212	370	492
Argentina.....	950	1,019	1,068	Other Asia (cane and beet) <sup>12</sup> .....	101	115	128
Bolivia.....	66	125	125	Total Asia.....	9,941	13,273	13,956
Brazil.....	3,815	4,804	5,048	Oceania (cane):			
Chile (beet).....	88	207	188	Australia.....	1,806	3,055	2,365
Colombia.....	421	784	818	Fiji.....	266	448	347
Ecuador.....	162	240	300	Total Oceania.....	2,072	3,503	2,712
Guyana.....	359	403	420	World total (cane).....	34,374	40,994	44,816
Paraguay.....	40	40	45	World total (beet).....	26,540	34,452	32,646
Peru.....	878	678	827	World total (cane and beet).....	60,914	75,446	77,462
Surinam.....	12	20	20	NON-CENTRIFUGAL SUGAR (as produced) <sup>13</sup>			
Uruguay (beet and cane).....	53	71	37	North America:			
Venezuela.....	325	423	518	Costa Rica.....	76	45	45
Total South America.....	7,169	8,814	9,414	El Salvador.....	24	29	30
Europe (beet unless otherwise indicated):				Guatemala.....	38	53	53
Austria.....	312	322	350	Mexico.....	136	127	125
Belgium and Luxembourg.....	497	661	705	Nicaragua.....	22	11	11
Denmark.....	341	375	335	Panama.....	4	6	6
Finland.....	58	64	46	Total.....	300	271	270
France.....	2,309	2,623	2,741	South America:			
Germany, West.....	1,980	2,174	2,193	Colombia.....	683	728	716
Greece <sup>5</sup> .....	30	105	158	Ecuador.....	38	44	44
Ireland.....	156	178	168	Peru.....	26	13	14
Italy.....	1,082	1,422	1,498	Venezuela.....	53	42	42
Netherlands.....	620	792	797	Total.....	800	827	816
Portugal:				Asia:			
Azores and Madeira.....	19	25	25	Burma.....	163	160	160
Spain (cane and beet).....	560	815	952	China: Mainland.....	417	800	800
Sweden.....	312	323	252	Taiwan.....	24	30	19
Switzerland.....	44	73	74	India.....	4,995	6,063	6,614
United Kingdom.....	988	1,075	1,073	Indonesia.....	334	330	340
Total Western Europe.....	9,308	11,027	11,367	Japan.....	24	6	7
Albania.....	14	17	18	Pakistan.....	768	15	15
Bulgaria.....	207	300	375	Philippines.....	51	711	672
Czechoslovakia.....	1,160	1,005	1,100	Ryukyu Islands.....	15	68	70
Germany, East.....	869	815	1,000	Thailand.....	148	215	231
Hungary.....	492	500	600	Vietnam, South.....	36	9	10
Poland.....	1,693	1,881	1,700	Total.....	6,975	8,407	8,938
Romania.....	408	485	600	Total of above countries.....	8,075	9,505	10,024
Yugoslavia.....	323	477	558				
Total Eastern Europe.....	5,166	5,480	5,951				
Total Europe.....	14,474	16,507	17,318				
U.S.S.R. (Europe and Asia).....	7,623	11,651	9,100				

See footnotes on page 86.

Table 128.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, average 1963-67, annual 1968 and 1969<sup>1</sup>

Country or area of supply	Average 1963-67			Country or area of supply	Average 1963-67		
	1968	1969 <sup>2</sup>			1968	1969 <sup>2</sup>	
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Argentina.....	87	76	79	Peru.....	346	493	300
Australia.....	204	203	193	Philippines.....	1,180	1,124	1,125
Brazil.....	382	620	641	South Africa, Republic of.....	94	60	57
British West Indies and Guyana.....	158	218	227	China (Taiwan).....	77	85	80
Colombia.....	42	66	68	Other.....	87	104	132
Costa Rica.....	51	73	75	Total foreign countries.....	4,143	4,966	4,850
Dominican Republic.....	536	707	693	Domestic areas:			
Ecuador.....	64	90	93	Mainland (beet).....	2,307	3,085	3,216
El Salvador.....	28	45	47	Mainland (cane).....	1,069	1,204	1,170
Fiji Islands.....	47	45	42	Hawaii.....	1,147	1,192	1,160
French West Indies.....	59	66	71	Puerto Rico.....	783	504	341
Guatemala.....	48	62	64	Virgin Islands.....	8	0	0
Haiti.....	27	27	17	Total domestic areas.....	5,914	5,985	5,887
India.....	96	81	77	Grand total.....	10,057	10,951	10,737
Mexico.....	469	634	655				
Nicaragua.....	42	50	70				
Panama.....	19	37	44				

<sup>1</sup> Raw value is the equivalent in terms of 96° sugar. Imports and domestic marketings under annual sugar requirements determinations and quotas, pursuant to the Sugar Act of 1948, as amended. These comprise all sugar marketings except importations for re-export, livestock feed, and alcohol production, which were an average 157,326 tons during 1963-67, 137,280 tons in 1968, and 125,388 tons in 1969.

<sup>2</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

## FOOTNOTES FOR TABLE 127

<sup>1</sup> Years shown are crop-harvesting years. Campaigns beginning not earlier than May of year shown, nor later than April of following year, are included in the same crop year. The entire season's production of each country is credited to the May/April year in which harvesting and sugar production began.

<sup>2</sup> Preliminary.

<sup>3</sup> Centrifugal sugar, as distinguished from noncentrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

<sup>4</sup> Includes 3,000 tons each for St. Lucia and St. Vincent in the 1960-64 average.

<sup>5</sup> No sugar produced prior to 1961-62.

<sup>6</sup> Formerly Tanganyika; beginning 1964-65, includes Zanzibar.

<sup>7</sup> Prior to 1964-65, included Malawi and Zambia.

<sup>8</sup> Beginning 1962-63, Swaziland reported separately.

<sup>9</sup> Two-year average; prior to 1962-63, included in South Africa.

<sup>10</sup> "Other Africa" includes Algeria, Afars-Issas, Somali Republic, Sudan, Angola, Congo (Brazzaville), Liberia, Tunisia, Ghana, Malawi, Zambia, Morocco, and Nigeria.

<sup>11</sup> Includes Khandasari.

<sup>12</sup> "Other Asia" includes Afghanistan, Israel, Syria, South Vietnam, Iraq, Lebanon, Ceylon, Nepal, and the Republic of Korea.

<sup>13</sup> Noncentrifugal sugar includes all types of sugar produced by other than centrifugal process which is largely for consumption in the relatively few areas where produced. The estimates include such kinds known as piloncillo, panela, papelon, chancaca, rapadura, jaggery, gur, muscovado, panocha, etc.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 129.—Sugar, cane (raw):<sup>1</sup> Refiners' stocks, receipts, meltings and direct consumption deliveries, continental United States, 1960-70

Year	Jan. 1 stocks	Receipts <sup>2</sup>	Meltings	Deliveries for direct consumption
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
1960.....	407	6,528	6,490	4
1961.....	441	6,791	6,622	14
1962.....	596	7,048	7,032	12
1963.....	600	7,295	6,846	22
1964.....	1,027	6,165	6,584	10
1965.....	598	6,760	6,830	15
1966.....	513	7,245	7,174	15
1967.....	569	7,629	7,370	17
1968.....	812	7,759	7,720	17
1969 <sup>3</sup> .....	834	7,246	7,368	17
1970 <sup>3</sup> .....	695			

<sup>1</sup> Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>2</sup> Includes refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.

<sup>3</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 131.

Table 130.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1960-70<sup>1</sup>

Item and year	Cane sugar refineries <sup>2</sup>	Beet sugar factories	Importers of direct consumption sugar <sup>3</sup>	Mainland cane sugar mills <sup>4</sup>	Total
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
<b>JAN. 1 STOCKS<sup>5</sup></b>					
1960.....	296	1,143	37		1,476
1961.....	279	1,400	67		1,746
1962.....	229	1,185	58		1,472
1963.....	236	1,278	26		1,540
1964.....	327	958	40		1,325
1965.....	215	1,585	23		1,823
1966.....	208	1,603	24		1,835
1967.....	215	1,423	16		1,654
1968.....	249	1,335	32		1,616
1969.....	256	1,292	11		1,559
1970 <sup>6</sup> .....	251	1,321	9		1,581
<b>PRODUCTION OR RECEIPTS</b>					
1960.....	6,074	2,281	594		8,949
1961.....	6,198	2,222	303		8,723
1962.....	6,586	2,351	281		9,218
1963.....	6,423	2,450	211		9,084
1964.....	6,148	3,150	200		9,498
1965.....	6,368	2,845	207		9,420
1966.....	6,685	2,647	180		9,512
1967.....	6,868	2,551	302		9,721
1968.....	7,209	2,840	193		10,242
1969 <sup>6</sup> .....	6,874	3,034	147		10,055
<b>DELIVERIES<sup>7</sup></b>					
1960.....	6,091	2,023	564	38	8,716
1961.....	6,247	2,437	312	55	9,051
1962.....	6,579	2,258	313	46	9,196
1963.....	6,332	2,771	197	50	9,350
1964.....	6,260	2,523	219	58	9,060
1965.....	6,374	2,827	206	65	9,472
1966.....	6,678	2,826	187	55	9,746
1967.....	6,834	2,639	286	54	9,813
1968.....	7,201	2,883	214	48	10,346
1969 <sup>6</sup> .....	6,879	3,005	148	49	10,081

<sup>1</sup> All sugars converted to refined basis.

<sup>2</sup> Includes Hawaiian sugar for direct consumption.

<sup>3</sup> Includes Puerto Rican sugar for direct consumption.

<sup>4</sup> Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.

<sup>5</sup> Stocks include sugar in bond and in customs custody and control.

<sup>6</sup> Preliminary.

<sup>7</sup> Includes deliveries for export, for livestock feed, and for use in alcohol.

Agricultural Stabilization and Conservation Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 132.

Table 131.—Sugar, centrifugal (raw value): Stocks in specified countries, average 1960-64, annual 1968 and 1969

Country	Date <sup>1</sup>	Sugar-making season			Country	Date <sup>1</sup>	Sugar-making season		
		Average 1960-64	1968	1969 <sup>2</sup>			Average 1960-64	1968	1969 <sup>2</sup>
		1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons	
Chile	Apr. 1	50	127	168	Ireland	Oct. 1	52	127	125
Colombia	May 1	41	54	53	Japan	Oct. 1	169	248	344
South Africa, Republic of	May 1	129	85	61	Netherlands	Oct. 1	107	199	165
Argentina	June 1	204	428	341	Philippines	Oct. 1	202	107	80
Australia	June 1	192	268	198	Sweden	Oct. 1	127	94	155
Brazil	June 1	506	1,818	1,541	Switzerland	Oct. 1	159	213	220
Mauritius	June 1	9	12	12	United States and Insular Areas	Oct. 1	1,220	1,576	1,649
Ecuador	July 1	55	113	123	Uruguay	Oct. 1	3	23	23
Spain	July 1	158	206	253	El Salvador	Nov. 1	2	69	50
Greece	July 1	55	95	92	Guatemala	Nov. 1	4	22	40
Finland	Aug. 1	51	115	130	India	Nov. 1	704	572	1,409
Guyana	Aug. 1	10	5	10	Mexico	Nov. 1	316	536	362
Italy	Aug. 1	371	622	315	Thailand	Nov. 1	108	21	76
Turkey	Aug. 1	145	539	587	United Arab Republic	Nov. 1	105	27	52
Canada	Sept. 1	141	263	254	Dominican Republic	Dec. 1	71	10	80
United Kingdom	Sept. 1	680	530	560	Barbados	Jan. 1	5	3	3
Venezuela	Sept. 1	66	148	126	Haiti	Jan. 1	14	1	1
Yugoslavia	Sept. 1	159	595	486	Jamaica	Jan. 1	13	15	28
Austria	Oct. 1	67	11	43	Nicaragua	Jan. 1	5	5	1
Belgium	Oct. 1	30	39	66	Peru	Jan. 1	85	73	44
Costa Rica	Oct. 1	11	28	42	Trinidad and Tobago	Jan. 1	3	3	4
Denmark	Oct. 1	76	90	87					
France	Oct. 1	496	979	1,078					
Germany, West	Oct. 1	465	1,170	923					
Iran	Oct. 1	421	512	497	Total		8,062	12,796	12,957

<sup>1</sup> All stock carryover dates apply to the year indicated at the head of each column, except for Jan. 1 and Apr. 1, which apply to the following year.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 132.—Sugar, centrifugal (raw value): International trade, average 1960-64, annual 1967 and 1968

Continent and country	Average 1960-64		1967		1968 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
British Honduras	27	( <sup>2</sup> )	61	( <sup>2</sup> )	75	( <sup>2</sup> )
Canada	19	789	23	984	26	951
Costa Rica	32	( <sup>2</sup> )	52	( <sup>2</sup> )	69	( <sup>2</sup> )
El Salvador	18	( <sup>2</sup> )	35	( <sup>2</sup> )	68	( <sup>2</sup> )
Guatemala	31	( <sup>2</sup> )	62	( <sup>2</sup> )	62	( <sup>2</sup> )
Honduras	1	5	11	0	9	0
Mexico	512	( <sup>2</sup> )	606	0	707	0
Nicaragua	43	( <sup>2</sup> )	53	1	46	1
Panama	8	( <sup>2</sup> )	33	0	36	0
United States	5	4,337	5	4,687	1	4,989
Caribbean:						
Antigua	23	0	5	( <sup>2</sup> )	7	( <sup>2</sup> )
Barbados	161	( <sup>2</sup> )	215	( <sup>2</sup> )	177	( <sup>2</sup> )
Cuba	5,483	0	6,264	0	5,085	0
Dominican Republic	372	( <sup>2</sup> )	713	0	672	0
Guadeloupe	178	0	141	0	132	0
Haiti	36	0	29	0	28	0
Jamaica	431	0	395	0	450	0
Martinique	79	0	42	0	39	0
Netherlands Antilles	0	7	0	7	0	7
St. Kitts	46	0	41	0	40	0
Trinidad and Tobago	214	( <sup>2</sup> )	180	( <sup>2</sup> )	226	( <sup>2</sup> )
Other <sup>2</sup>	1	9	0	23	0	13
Total North America	8,220	5,147	8,962	5,702	7,935	5,961
South America:						
Argentina	154	0	77	0	127	0
Bolivia	0	17	10	0	11	0
Brazil	613	0	1,103	0	1,189	0
Chile	0	203	0	182	0	184
Colombia	43	2	208	0	262	0
Ecuador	47	3	74	( <sup>2</sup> )	77	( <sup>2</sup> )
Guyana	323	1	328	( <sup>2</sup> )	348	( <sup>2</sup> )
Paraguay	3	0	( <sup>2</sup> )	0	( <sup>2</sup> )	0
Peru	548	( <sup>2</sup> )	524	0	551	0
Uruguay	0	66	0	53	0	61
Venezuela	12	0	41	0	22	0
Other <sup>2</sup>	3	( <sup>2</sup> )	19	( <sup>2</sup> )	69	( <sup>2</sup> )
Total South America	1,746	292	2,384	235	2,656	245
Europe:						
Austria	2	24	0	1	0	1
Belgium and Luxembourg	106	54	174	32	224	57
Denmark	67	20	53	27	169	1
Finland	0	170	0	232	0	246
France	820	551	519	539	791	415
Germany, West	22	157	22	353	140	314
Greece	0	122	0	70	0	111
Iceland	0	11	0	12	0	13
Ireland	21	48	19	101	18	56
Italy	3	215	( <sup>2</sup> )	105	122	57
Malta	0	15	0	21	0	21
Netherlands	48	212	7	172	15	220
Norway	0	171	0	191	0	215
Portugal	0	174	0	196	0	134
Spain <sup>4</sup>	3	143	0	245	0	348
Sweden	0	77	16	158	20	123
Switzerland	4	252	7	282	11	312
United Kingdom	476	2,584	391	2,357	247	2,224
Total Western Europe	1,572	5,005	1,208	5,094	1,757	4,868
Bulgaria	55	142	110	215	14	342
Czechoslovakia	467	83	470	207	344	220
Germany, East	263	181	174	356	110	328
Hungary	138	0	51	23	20	15
Poland	574	154	419	25	775	23
Romania	166	31	230	0	57	59
Yugoslavia	41	128	14	163	15	83
Total Eastern Europe	1,704	719	1,468	989	1,335	1,070
Total Europe	3,276	5,724	2,676	6,083	3,092	5,938

See footnotes at end of table.

Table 132.—Sugar centrifugal (raw value): International trade, average 1960-64, annual 1967 and 1968—Continued

Continent and country	Average 1960-64		1967		1968 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 tons 645	1,000 tons 2,387	1,000 tons 1,324	1,000 tons 2,737	1,000 tons 1,541	1,000 tons 1,935
U.S.S.R. (Europe and Asia) .....						
Africa:						
Algeria .....	0	251	0	364	0	267
Angola .....	37	0	29	0	15	0
Ethiopia <sup>5</sup> .....	5	2	1	3	1	2
Ghana .....	0	61	0	72	0	77
Kenya .....	( <sup>2</sup> )	33	( <sup>2</sup> )	21	( <sup>2</sup> )	28
Liberia .....	0	3	0	4	0	6
Libya .....	0	29	0	103	0	45
Malagasy Republic .....	61	( <sup>2</sup> )	88	( <sup>2</sup> )	66	( <sup>2</sup> )
Mauritius .....	551	0	569	0	657	0
Morocco .....	11	380	6	331	( <sup>2</sup> )	310
Mozambique .....	126	( <sup>2</sup> )	120	6	145	( <sup>2</sup> )
Nigeria .....	0	70	0	89	0	70
Reunion .....	222	0	287	0	336	0
Rhodesia .....	29	33	60	0	83	0
Sierra Leone .....	0	18	0	27	0	28
Somali Republic .....	0	13	0	0	0	0
South Africa, Republic of <sup>6</sup> .....	486	14	973	( <sup>2</sup> )	1,101	( <sup>2</sup> )
Sudan .....	0	140	0	89	0	190
Tanzania .....	( <sup>2</sup> )	19	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Togo .....	0	5	0	10	0	13
Tunisia .....	0	95	2	100	1	103
Uganda .....	36	( <sup>2</sup> )	36	( <sup>2</sup> )	32	( <sup>2</sup> )
United Arab Republic .....	50	75	12	206	68	63
Other <sup>3</sup> .....	14	274	50	354	55	331
Total Africa .....	1,628	1,515	2,213	1,779	2,560	1,533
Asia:						
Southern Yemen <sup>7</sup> .....	25	49	5	43	4	74
Afghanistan .....	0	44	0	69	0	20
Burma .....	0	22	0	( <sup>2</sup> )	0	0
Ceylon .....	0	220	0	291	0	267
China: Mainland .....	256	852	371	613	257	476
Taiwan .....	845	0	656	0	739	0
Cyprus .....	0	15	0	18	0	15
Hong Kong .....	43	195	38	130	22	168
India .....	328	0	196	0	181	0
Indonesia .....	65	0	0	42	0	132
Iran <sup>8</sup> .....	0	371	0	230	0	135
Iraq .....	0	225	0	387	0	295
Israel .....	0	78	0	106	0	106
Japan .....	13	1,573	25	2,002	56	2,264
Jordan .....	0	50	0	81	0	85
Korea, Republic of .....	0	57	9	159	3	172
Lebanon .....	0	43	0	38	1	25
Malaysia and Singapore .....	30	301	( <sup>2</sup> )	263	1	350
Pakistan .....	0	61	0	0	0	228
Philippines .....	1,174	0	1,040	0	1,124	0
Syria .....	0	77	0	83	0	62
Thailand .....	33	( <sup>2</sup> )	16	2	( <sup>2</sup> )	10
Turkey (Europe and Asia) .....	183	0	94	0	32	0
Vietnam, South .....	0	54	0	189	0	221
Other <sup>3</sup> .....	59	218	96	375	110	331
Total Asia .....	3,052	4,505	2,546	5,121	2,530	5,436
Oceania:						
Australia .....	1,142	0	1,836	0	1,790	0
Fiji .....	255	( <sup>2</sup> )	356	( <sup>2</sup> )	382	( <sup>2</sup> )
New Zealand .....	( <sup>2</sup> )	142	( <sup>2</sup> )	140	( <sup>2</sup> )	172
Other <sup>3</sup> .....	0	18	0	22	0	22
Total Oceania .....	1,397	160	2,192	162	2,172	194
World total .....	19,964	19,730	22,297	21,819	22,486	21,242

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 tons.<sup>3</sup> Includes trade of other countries not shown separately.<sup>4</sup> Canary Islands, Ceuta, and Melilla considered provinces of Spain after Jan. 1, 1953.<sup>5</sup> Ethiopian<sup>6</sup> Beginning 1965, Swaziland is not included. <sup>7</sup> Formerly Aden. <sup>8</sup> Iranian calendar year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 133.—Sugar (raw and refined): Average price per pound at specified markets, 1960-69

Year	Wholesale price, cane sugar				Retail price, granulated, United States <sup>3</sup>	Year	Wholesale price, cane sugar				Retail price, granulated, United States <sup>3</sup>
	Raw, 96° centrifugal			Refined			Raw, 96° centrifugal			Refined	
	Havana, Cuba	New York, c.i.f. basis <sup>1</sup>	New York, duty paid				New York <sup>2</sup>	Havana, Cuba	New York, c.i.f. basis <sup>1</sup>		
1960.....	Cents 3.14	Cents 5.80	Cents 6.3	Cents 9.25	Cents 11.6	1965.....	Cents 2.12	Cents 6.12	Cents 6.8	Cents 10.02	Cents 11.8
1961.....	*2.91	5.68	6.3	9.21	11.8	1966.....	1.86	6.36	7.0	10.15	12.0
1962.....	2.98	5.82	6.4	9.41	11.7	1967.....	1.99	6.65	7.3	10.41	12.1
1963.....	8.50	7.56	8.2	11.70	13.6	1968.....	1.98	6.90	7.5	10.60	12.2
1964.....	5.87	6.27	6.9	10.47	12.8	1969.....	3.37	7.12	7.7	11.22	12.4

<sup>1</sup> Quotations are on a cost, insurance, and freight basis.

<sup>2</sup> Average net wholesale price per pound. Includes excise tax of 0.535 cents per pound.

<sup>3</sup> Averages of prices reported by urban dealers as of the 15th of the month. Derived from reported price for 5-pound container.

\* Beginning 1961, f.o.b. Caribbean and stowed.

Economic Research Service. Compiled from the following sources: New York Journal of Commerce; U.S. Department of Labor retail price series; and reports of the New York Coffee and Sugar Exchange. Data for 1944-59 in *Agricultural Statistics, 1967*, table 135.

Table 134.—Sugar, centrifugal (raw value): United States imports by country of origin, average 1960-64, annual 1968 and 1969<sup>1</sup>

Country of origin	Average 1960-64	1968	1969 <sup>2</sup>	Country of origin	Average 1960-64	1968	1969 <sup>2</sup>
North and South America, including Caribbean area:	1,000 tons	1,000 tons	1,000 tons	Other countries:	1,000 tons	1,000 tons	1,000 tons
Argentina.....	49	108	57	Australia.....	134	206	216
Brazil.....	289	626	695	Fiji.....	23	43	41
Colombia.....	37	115	79	India.....	108	81	65
Costa Rica.....	29	74	68	Netherlands.....	6	0	0
Cuba.....	447	0	0	Philippines.....	1,209	1,023	1,064
Dominican Republic.....	529	695	679	South Africa, Republic of.....	70	61	62
Ecuador.....	39	92	89	China (Taiwan).....	91	84	78
French West Indies.....	51	61	59	Other.....	73	70	84
Guatemala.....	27	69	52	Total other countries.....	1,714	1,568	1,610
Haiti.....	34	27	17	World total.....	4,337	4,989	4,766
Mexico.....	448	625	645				
Nicaragua.....	41	47	59				
Panama.....	9	36	42				
Peru.....	410	483	285				
West Indies and Guyana.....	162	224	218				
Other America.....	22	139	112				
Total.....	2,623	3,421	3,156				

<sup>1</sup> Includes raw sugar imports and refined sugar imports converted to raw basis.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 135.—Sugar, centrifugal (raw value): United States exports by country of destination, average 1960–64, annual 1968 and 1969<sup>1</sup>**

Country of destination	Average 1960-64	1968	1969 <sup>1</sup>	Country of destination	Average 1960-64	1968	1969 <sup>1</sup>
North and South America, including Caribbean areas:				Europe—Continued			
Canada	Tons 847	Tons 103	Tons 166	United Kingdom	Tons 14	Tons 29	Tons 30
Bermuda	252	21	3	Other	38	83	37
Netherlands Antilles	275	79	85	Total	377	342	107
Bahamas	147	64	51	Other countries:			
Mexico	31	1	24	Korea, Republic of	325	0	2
British Honduras	35	0	53	Japan	218	179	47
Other	249	187	119	Liberia	483	5	0
Total	1,836	455	501	Pacific Islands <sup>2</sup>	566	107	181
Europe:				Morocco	78	0	0
Iceland	284	0	0	Vietnam, South	385	28	20
Germany, West	12	204	8	Other	516	296	177
Greece	12	6	2	Total other	2,571	615	427
France	17	20	30	World total	4,784	1,412	1,035

<sup>1</sup> Preliminary.

<sup>2</sup> Nansei, Nanpo, and Trust Territory of the Pacific Islands.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 136.—Sugarcane sirup: Acreage, yield, production, price per gallon received by farmers, and value, United States, 1954–69**

Year	Acreage harvested for sirup	Yield per acre	Production	Price <sup>1</sup>	Farm value	Year	Acreage harvested for sirup	Yield per acre	Production	Price <sup>1</sup>	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1954	24	197	4,730	104	5,107	1962	10	284	2,702	106	3,008
1955	19	263	4,990	105	5,444	1963	8	335	2,814	123	3,556
1956	18	220	3,965	109	4,468	1964	8	360	2,989	111	3,415
1957	14	216	3,135	115	3,746	1965	8	352	2,923	116	3,486
1958	13	270	3,617	110	4,163	1966	6	337	2,121	122	2,653
1959	13	274	3,676	109	4,142	1967	6	398	2,346	125	2,962
1960	13	275	3,519	108	3,968	1968	7	386	2,661	124	3,294
1961	11	303	3,303	108	3,745	1969 <sup>2</sup>					

<sup>1</sup> Based on sales to Dec. 1. Obtained by weighting State prices by quantity sold.

<sup>2</sup> Estimates discontinued.

Statistical Reporting Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 138.

**Table 137.—Sugarcane sirup: Acreage, yield, production, and price per gallon received by farmers, by States, 1967–69**

State	Acreage harvested for sirup			Yield per acre			Production			Price <sup>2</sup>		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Gallons	Gallons	Gallons	1,000 gallons	1,000 gallons	1,000 gallons	Cents	Cents	Cents
Georgia	1	1	.....	260	280	.....	260	280	.....	165	175	.....
Alabama	1	1	.....	220	190	.....	220	171	.....	255	285	.....
Mississippi	1	1	.....	155	150	.....	155	160	.....	235	240	.....
Louisiana	3	4	.....	590	515	.....	1,711	2,060	.....	94	95	.....
United States	6	7	.....	398	386	.....	2,346	2,661	.....	125	124	.....

<sup>1</sup> Estimates discontinued.

<sup>2</sup> Based on sales to Dec. 1 for Georgia, Alabama, and Mississippi. Season average price for Louisiana.

Statistical Reporting Service.

Table 138.—Maple sirup and sugar: Trees tapped, production, season average price received by farmers, value, and imports, United States, 1954-69

Year	Trees tapped <sup>1</sup>	Production		Yield of sirup per tree <sup>1</sup>	Price per gallon of sirup <sup>4</sup>	Farm value <sup>5</sup>	Imports for consumption	
		Sirup <sup>2</sup>	In terms of sugar <sup>3</sup>				Sirup <sup>6</sup>	Sugar
	1,000 trees	1,000 gallons	1,000 pounds	Gallons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds
1954	6,391	1,672	13,376	0.26	4.63	7,741	4,096	6,643
1955	6,138	1,578	12,624	.26	4.68	7,383	5,044	6,024
1956	5,666	1,529	12,282	.27	4.79	7,328	7,090	6,769
1957	5,346	1,697	13,576	.32	4.44	7,545	8,348	4,912
1958	4,612	1,392	11,136	.30	4.51	6,276	7,235	6,006
1959	4,517	1,137	9,096	.25	4.80	5,456	7,620	7,408
1960		1,143	9,144		4.96	5,669	10,009	5,742
1961		1,524	12,192		4.78	7,290	9,967	5,979
1962		1,460	11,680		4.70	6,865	10,252	3,730
1963		1,143	9,144		4.86	5,559	11,778	4,960
1964		1,546	12,368		5.02	7,763	7,349	5,391
1965		1,266	10,128		5.04	6,389	9,700	4,688
1966		1,476	11,808		4.96	7,319	10,341	5,986
1967		979	7,832		5.33	5,213	12,656	4,140
1968		983	7,864		5.48	5,391	10,893	5,238
1969 <sup>7</sup>		1,032	8,256		6.11	6,303	13,069	4,774

<sup>1</sup> Beginning 1960, data discontinued.

<sup>2</sup> Includes sirup later made into sugar.

<sup>3</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.

<sup>4</sup> Obtained by weighting State prices by quantity sold.

<sup>5</sup> Includes value of sirup used in production of sugar.

<sup>6</sup> A gallon of sirup weighs about 11 pounds.

<sup>7</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 140.

Table 139.—Maple sirup: Production, by States, 1967-69

State	Sirup made <sup>1</sup>			State	Sirup made <sup>1</sup>		
	1967	1968	1969		1967	1968	1969
	1,000 gallons	1,000 gallons	1,000 gallons		1,000 gallons	1,000 gallons	1,000 gallons
Maine	9	7	8	Michigan	60	72	78
New Hampshire	45	38	44	Wisconsin	100	100	65
Vermont	310	285	290	Minnesota	8	7	(*)
Massachusetts	28	24	29	Maryland	10	10	(*)
New York	275	300	348	United States	979	983	1,032
Pennsylvania	65	72	86				
Ohio	69	68	84				

<sup>1</sup> Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

<sup>2</sup> Estimates discontinued.

Statistical Reporting Service.

Table 140.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1954–69

Year	Production <sup>1</sup>							Imports				
	Sirups						Honey	Total	Maple sirup	Edible molasses and cane sirup <sup>3</sup>	Honey	Total
	Corn	Cane	Sorghum <sup>(1)</sup>	Maple <sup>(2)</sup>	Refiners	Edible molasses						
	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
1954	133,071	4,805	2,552	1,672	3,814	2,958	18,372	167,244	371	2,015	777	3,163
1955	138,226	4,730	2,405	1,578	3,853	2,820	21,666	175,278	457	2,305	837	3,599
1956	141,504	4,990	3,594	1,529	3,882	3,193	18,169	176,861	643	2,046	406	3,095
1957	142,089	3,985	2,516	1,697	3,620	2,384	20,477	176,748	757	573	404	1,734
1958	153,481	3,135	2,282	1,392	4,992	2,553	22,116	189,851	656	1,286	335	2,277
1959	162,197	3,617	2,286	1,137	3,999	3,084	20,983	196,403	691	2,138	383	3,212
1960	169,776	3,676	1,943	1,143	4,134	2,714	20,811	203,997	908	1,884	1,049	3,841
1961	180,397	3,519	1,524	1,524	3,846	3,379	21,721	214,386	904	911	768	2,583
1962	201,259	3,303	1,460	1,460	2,691	3,075	21,189	232,977	929	3,827	604	5,360
1963	215,573	2,702	1,143	2,769	2,772	2,772	22,647	247,606	1,068	1,706	221	2,995
1964	238,832	2,814	1,546	2,862	2,685	2,685	21,923	270,062	686	2,119	417	3,202
1965	249,682	2,989	1,266	2,994	2,648	2,648	20,954	274,293	879	3,349	1,127	5,355
1966	252,937	2,923	1,476	2,493	2,563	2,563	20,916	282,708	938	3,061	806	4,805
1967	255,860	2,121	979	2,402	2,477	2,477	18,860	282,699	1,147	1,065	1,416	3,628
1968	.....	2,346	983	2,561	2,466	2,466	16,899	25,255	988	3,732	1,427	6,147
1969 <sup>4</sup>	.....	2,661	1,032	2,235	2,532	2,532	23,925	32,385	1,185	2,266	1,244	4,695

  

Year	Exports				Indicated domestic consumption					
	Corn sirup	Edible molasses and sirup, including maple <sup>5</sup>	Honey	Total	Sirups				Honey	Total
					Corn	Maple	Sorghum <sup>1</sup>	Cane and refiners' sirup, and edible molasses		
	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
1954	3,233	272	2,061	5,566	129,838	2,043	2,552	13,320	17,088	164,841
1955	3,386	248	1,739	5,373	134,840	2,035	2,405	13,460	20,764	173,504
1956	2,189	249	1,548	4,986	138,315	2,172	3,594	13,862	17,027	174,970
1957	2,745	250	1,681	4,676	139,344	2,454	2,516	10,292	19,200	173,806
1958	2,396	165	1,902	4,463	151,085	2,048	2,282	11,701	20,549	187,665
1959	2,245	155	1,062	3,462	159,952	1,828	2,286	12,683	19,404	196,153
1960	1,936	182	797	2,815	167,940	2,051	1,943	12,226	20,863	205,023
1961	1,370	173	607	2,150	179,027	2,428	.....	11,452	21,882	214,819
1962	1,514	140	1,158	2,812	199,745	2,389	.....	12,756	20,635	235,525
1963	2,055	192	2,125	4,372	213,518	2,211	.....	9,757	20,743	246,229
1964	1,632	205	760	2,597	237,200	2,212	.....	10,275	20,980	270,667
1965	1,003	.....	1,166	2,169	242,679	2,145	.....	11,980	20,615	277,419
1966	1,038	.....	1,219	2,257	251,299	2,414	.....	11,040	20,503	285,256
1967	1,113	.....	986	2,099	254,747	2,126	.....	8,065	19,290	284,228
1968	.....	1,082	684	1,766	.....	1,971	.....	10,023	17,642	29,636
1969 <sup>4</sup>	.....	2,334	833	3,167	.....	2,217	.....	7,360	24,336	33,913

<sup>1</sup> Production of cane sirup, sorghum sirup, and edible molasses is of the fall of the preceding year. Estimates of sorghum discontinued, beginning 1961; corn sirup estimates discontinued, beginning 1968.

<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

<sup>3</sup> U.S. Department of Commerce molasses and sugar sirups series, less liquid sugar imports reported to Sugar Division, Agricultural Stabilization and Conservation Service.

<sup>4</sup> Preliminary.

<sup>5</sup> Assumed to be largely refiners' sirup. Beginning 1965, data not available because of change in export classification.

Economic Research Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 142.



Table 141.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1954–69

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1954	46,050	52,351	31,236	8,804	17,873	156,914	46,530	37,558	84,088
1955	49,187	52,061	32,954	8,422	15,502	158,126	50,413	44,232	94,645
1956	38,067	51,955	35,343	7,878	16,851	150,094	49,401	34,726	84,127
1957	42,532	63,171	32,024	10,474	16,249	164,450	54,140	20,439	74,579
1958	40,300	67,324	32,293	6,328	20,336	166,521	43,974	26,611	70,585
1959	42,826	76,920	33,416	7,669	21,494	182,325	60,239	24,238	84,477
1960	46,686	79,079	32,224	5,155	23,324	186,468	49,692	30,289	79,981
1961	60,075	98,211	35,620	5,949	23,153	223,008	50,653	38,618	89,271
1962	65,274	96,643	37,679	9,581	23,595	232,772	54,911	27,471	82,382
1963	89,876	124,602	35,150	5,396	27,939	282,963	51,563	16,590	68,153
1964	103,287	132,093	34,898	4,469	29,992	304,739	52,653	18,190	70,843
1965	84,722	116,589	36,915	8,564	26,740	273,530	51,861	21,104	72,965
1966	82,952	113,755	39,443	9,788	23,125	269,063	60,271	8,124	68,395
1967	97,208	103,649	37,936	17,291	20,400	276,484	55,662	5,619	61,281
1968	87,127	135,145	46,113	9,063	21,000	298,448	66,157	7,008	73,165
1969 <sup>1</sup>	72,250	152,000	42,700	13,732	23,000	303,682	48,430	4,778	53,208

Year	United States imports from foreign countries					Mainland exports <sup>2</sup>	Total market supplies available
	Cuba	Dominican Republic	Mexico	Other	Total		
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1954	202,940	23,516	37,810	76,142	340,408	4,843	576,567
1955	232,696	34,573	43,277	67,266	377,812	4,863	625,720
1956	232,329	31,652	29,820	58,288	352,089	879	585,431
1957	117,471	21,789	40,059	52,217	231,536	2,545	468,020
1958	188,428	24,761	46,539	74,580	334,308	2,166	569,248
1959	90,497	47,426	61,651	82,563	282,137	2,372	546,567
1960	228,643	62,281	75,635	83,087	449,646	3,032	713,063
1961	12,417	53,834	70,807	123,437	260,495	2,220	570,554
1962	3	51,705	63,987	148,368	264,063	2,265	576,952
1963		42,926	93,175	134,322	270,423	5,475	616,064
1964		32,591	86,404	147,426	266,421	4,339	637,664
1965		41,329	95,564	131,123	268,016	2,536	611,975
1966		47,533	99,312	167,312	314,157	1,586	650,029
1967		40,171	130,705	179,672	350,548	996	687,317
1968		28,914	94,335	244,842	368,091	3,077	736,627
1969 <sup>1</sup>		44,363	112,481	204,819	361,663	2,992	715,561

<sup>1</sup> Preliminary. <sup>2</sup> Does not include exports from Hawaii and Puerto Rico.Consumer and Marketing Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 143.

**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, 1954-69<sup>1</sup>**

Year	Number of colonies	Honey yield per colony	Production		Prices		Honey imports and shipments for consumption <sup>2</sup>	Honey domestic exports
			Honey	Beeswax	All honey	Beeswax		
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1954	5,461	39.7	216,789	4,018	17.0	44.1	9,152	24,280
1955	5,252	48.6	255,222	4,620	17.8	51.2	9,856	20,458
1956	5,195	41.2	214,035	4,096	19.0	54.6	4,781	18,240
1957	5,199	46.4	241,218	4,452	18.7	57.0	4,755	19,799
1958	5,152	50.6	260,522	4,695	17.4	46.0	3,947	22,409
1959	5,109	46.3	236,578	4,215	17.0	44.4	4,509	12,507
1960	5,005	48.5	242,802	4,372	17.9	44.0	12,363	9,394
1961	4,992	51.3	255,868	4,720	18.0	44.1	9,042	7,151
1962	4,900	50.9	249,608	4,805	17.4	44.1	7,111	13,646
1963	4,849	55.0	266,778	4,828	18.0	44.2	2,601	25,035
1964	4,840	51.9	251,188	4,672	18.6	44.3	4,917	8,949
1965	4,783	51.1	244,549	4,749	17.8	44.9	13,344	13,806
1966	4,772	51.9	247,642	4,739	17.4	46.6	9,538	14,333
1967	4,819	46.3	223,300	4,541	15.6	58.8	16,767	11,674
1968	4,770	41.9	200,081	3,960	16.9	61.6	16,898	8,104
1969 <sup>3</sup>	4,762	59.5	283,268	5,460	17.5	61.1	14,726	9,868

<sup>1</sup> Includes Hawaii.

<sup>2</sup> Compiled from reports of the U.S. Department of Commerce.

<sup>3</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Data for 1944-53 in *Agricultural Statistics 1967*, table 144.

**Table 143.—Honey: United States imports for consumption, by country of origin, average 1960-64, annual 1968 and 1969**

Continent and country of origin	Average 1960-64	1968	1969 <sup>1</sup>	Continent and country of origin	Average 1960-64	1968	1969 <sup>1</sup>
North America:				Europe:			
Canada	105	1,834	871	Germany, West	51	121	88
Dominican Republic	108	10	9	Greece	51	50	72
Guatemala	86	42	203	Ireland	3	5	18
Haiti	51	0	0	Italy	4	4	8
Mexico	3,872	11,670	9,122	Spain	86	0	7
Other	21	447	421	United Kingdom	11	15	18
South America:				Other	42	49	66
Argentina	2,645	1,988	3,288	Africa, total	11	0	0
Brazil	21	0	127	Asia, total	2	368	15
Chile	7	264	353	Oceania, total	30	31	40
Other	0	0	0	Total	7,207	16,898	14,726

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the Bureau of the Census.

FOOTNOTES FOR TABLE 147

<sup>1</sup> Preliminary.

<sup>2</sup> Includes Kenya, Uganda, and Tanzania.

Foreign Agricultural Service. Compiled from reports of the Bureau of the Census.

Table 144.—Honey: Colonies of bees, yield per colony, and production of honey and beeswax, by States, 1968 and 1969

State and division	1968				1969			
	Number of colonies	Honey yield per colony	Production		Number of colonies	Honey 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.....	5	16	80	2	5	25	125	3
New Hampshire.....	5	15	75	2	5	19	95	3
Vermont.....	8	16	128	3	7	42	294	5
Massachusetts.....	10	22	220	4	10	32	320	6
Rhode Island.....	2	20	40	1	2	22	44	1
Connecticut.....	10	21	210	5	9	17	153	4
New York.....	157	42	6,594	112	149	58	8,642	156
New Jersey.....	35	35	1,225	28	35	47	1,645	30
Pennsylvania.....	110	28	3,080	71	108	31	3,348	74
North Atlantic.....	342	34	11,652	228	330	44	14,666	282
Ohio.....	146	31	4,526	86	150	34	5,100	92
Indiana.....	95	32	3,040	67	88	53	4,664	98
Illinois.....	88	42	3,696	78	87	50	4,350	91
Michigan.....	120	75	9,000	171	121	83	10,043	161
Wisconsin.....	139	55	7,645	138	129	115	14,835	237
East North Central.....	588	48	27,907	540	575	68	38,992	679
Minnesota.....	183	57	10,431	229	196	110	21,560	353
Iowa.....	142	70	9,940	209	138	80	11,040	232
Missouri.....	99	40	3,960	81	101	42	4,242	81
North Dakota.....	55	90	4,950	89	53	125	6,625	113
South Dakota.....	104	107	11,128	189	110	135	14,850	252
Nebraska.....	103	70	7,210	130	104	81	8,424	177
Kansas.....	49	45	2,205	44	49	35	1,715	34
West North Central.....	735	68	49,824	971	751	90	68,456	1,242
Delaware.....	4	40	160	3	4	40	160	3
Maryland.....	29	46	1,334	23	28	45	1,260	25
Virginia.....	101	19	1,919	33	97	24	2,328	44
West Virginia.....	91	17	1,547	31	92	18	1,656	41
North Carolina.....	219	19	4,161	125	226	23	5,198	156
South Carolina.....	64	13	832	19	63	18	1,134	26
Georgia.....	180	29	5,220	120	176	34	5,984	102
Florida.....	321	65	20,865	376	337	75	25,275	455
South Atlantic.....	1,009	36	36,038	730	1,023	42	42,995	852
Kentucky.....	83	18	1,494	37	81	26	2,106	42
Tennessee.....	139	17	2,363	47	146	27	3,942	79
Alabama.....	91	23	2,093	44	89	28	2,492	60
Mississippi.....	52	24	1,248	31	56	32	1,792	54
Arkansas.....	90	25	2,250	50	92	28	2,576	52
Louisiana.....	83	38	3,154	57	84	42	3,528	60
Oklahoma.....	55	36	1,980	34	60	33	1,980	38
Texas.....	227	42	9,534	200	232	50	11,600	325
South Central.....	820	29	24,116	500	840	36	30,016	710
Montana.....	80	85	6,800	136	77	125	9,625	183
Idaho.....	220	46	10,120	201	218	54	11,772	188
Wyoming.....	32	51	1,632	31	32	78	2,496	42
Colorado.....	46	41	1,886	46	45	70	3,150	69
New Mexico.....	15	61	915	18	15	48	720	12
Arizona.....	83	57	4,731	90	75	42	3,150	82
Utah.....	50	21	1,050	24	49	50	2,450	51
Nevada.....	8	65	520	9	7	105	735	13
Washington.....	97	39	3,783	95	90	39	3,510	91
Oregon.....	74	32	2,368	43	71	53	3,763	75
California.....	565	29	16,385	295	559	83	46,397	882
Western.....	1,270	40	50,190	933	1,238	71	87,768	1,688
48 States.....	4,764	41.9	199,727	3,952	4,757	59.5	282,893	5,453
Hawaii.....	6	59	354	8	5	75	375	7
United States.....	4,770	41.9	200,081	3,960	4,762	59.5	283,268	5,460

Table 145.—Honey and beeswax: Average price per pound received by beekeepers, by States, 1968 and 1969

State and division	Honey prices								Beeswax prices, 1969
	Wholesale, extracted, 1969			Retail, extracted, 1969	All <sup>1</sup> comb, 1969	All <sup>1</sup> chunk, 1969	All honey		
	Bulk	Packaged	All				1968	1969	
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Maine.....		40	40	47	62	55	44.6	46.6	59
New Hampshire.....	17	37	36	47	59	56	40.8	42.7	59
Vermont.....		31	31	36	54	48	34.2	36.2	59
Massachusetts.....		35	35	47	60	57	42.7	44.8	56
Rhode Island.....		34	34	43	59		38.8	40.2	56
Connecticut.....		34	34	43	62	55	39.8	41.8	56
New York.....	14	26	15	29	46		15.6	16.5	62
New Jersey.....	15	24	21	43	60	55	27.4	28.5	65
Pennsylvania.....	15	28	18	33	42	40	21.2	21.6	63
Ohio.....	14	21	16	30	43	40	20.2	19.5	61
Indiana.....	15	27	17	32		43	17.6	19.3	62
Illinois.....	17	24	18	30	42		19.3	20.2	61
Michigan.....	14	21	15	30	44		15.4	16.2	62
Wisconsin.....	14	25	16	27			16.0	16.3	62
Minnesota.....	17	24	18	29	44	36	17.4	19.3	59
Iowa.....	14	24	15	33	44	36	15.2	16.3	63
Missouri.....	16	21	17	31	42		16.7	18.5	64
North Dakota.....	14	22	14	26			13.7	14.6	64
South Dakota.....	14	20	14	24			14.7	14.6	65
Nebraska.....	14	19	14	26			13.8	14.5	59
Kansas.....	14	26	15	22	42	40	16.6	16.6	62
Delaware.....	18	23	28	37	50	48	32.8	34.6	60
Maryland.....	17	28	28	39	50	46	29.8	31.5	60
Virginia.....	17	30	20	38	36	34	28.5	29.5	63
West Virginia.....	18	25	22	42	38	38	32.2	32.0	60
North Carolina.....	16	31	18	38	38	37	23.2	23.9	55
South Carolina.....	18	31	25	43	40	39	29.7	33.1	60
Georgia.....	13	32	13	33		26	17.0	17.0	60
Florida.....	13	25	16	31		30	19.0	20.1	62
Kentucky.....	17	35	25	40	38	38	32.2	35.6	58
Tennessee.....	16	32	20	36	38	36	21.7	22.4	54
Alabama.....	11	29	14	35	33	37	21.6	22.5	57
Mississippi.....	12	24	15	31	32	31	21.7	20.8	62
Arkansas.....	15	26	21	32	32	35	25.0	26.4	67
Louisiana.....	11	21	12	28			15.4	14.6	62
Oklahoma.....	16	25	22	37	44	39	26.7	30.0	67
Texas.....	12	23	14	32	41	40	15.7	16.8	57
Montana.....	14	18	14	27			13.2	14.2	61
Idaho.....	14	21	14	23			13.9	14.7	60
Wyoming.....	15	24	15	26			13.6	15.6	66
Colorado.....	14	25	17	22	45	34	18.1	18.8	60
New Mexico.....	12	34	12	30			11.0	13.0	58
Arizona.....	12	19	12	20			11.2	12.2	58
Utah.....	17	17	17	21			14.7	17.5	58
Nevada.....	15	21	15	20			14.3	15.3	69
Washington.....	14	24	15	30			13.5	15.4	64
Oregon.....	14	17	14	25	50		15.2	15.8	61
California.....	12	20	13	29			12.8	13.4	62
48 States.....	13.8	24.0	15.2	31.6	41.1	32.3	16.9	17.4	61.1
Hawaii.....	13	25	16	31			15.4	17.1	68
United States.....	13.8	24.0	15.2	31.6	41.1	32.3	16.9	17.4	61.2

<sup>1</sup> Prices for wholesale and retail comb and chunk honey discontinued.

Statistical Reporting Service.

Table 146.—Honey and beeswax: Average wholesale prices for specified types and locations, 1960-69<sup>1</sup>

Item and location	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
<b>EXTRACTED HONEY, PER POUND<sup>2</sup></b>										
Florida White to Extra Light Amber										
Orange:										
Florida Points <sup>3</sup> .....	Cents 14.1	Cents 14.6	Cents 14.0	Cents 14.5	Cents 14.7	Cents 13.2	Cents 12.5		Cents 15.5	Cents 17.8
New York City <sup>4</sup> .....	15.8	15.8	15.9	17.5	17.2	17.4	16.3			20.7
California White to Water White										
Orange:										
Southern California Points <sup>3</sup> .....	12.6	11.9	12.7	13.3	13.6	11.6	11.3	11.7	12.1	13.1
New York City <sup>4</sup> .....	16.2	17.9	17.5	18.1	19.5	18.3	16.7			
California Light Amber to Extra										
Light Amber Alfalfa:										
Imperial Valley Points <sup>3</sup> .....	10.0	10.4	10.5	14.1	13.0	10.5	10.0	10.5	11.3	12.3
White to Water White Sweetclover										
Alfalfa: <sup>5</sup>										
Intermountain Points.....	12.7	12.9	12.8	14.7	14.0	13.2	13.3	13.2	13.6	15.0
White Clover:										
New York and North Central										
States <sup>6</sup> .....	13.0	12.9	14.7	13.5	14.0	13.7	14.0	14.0	14.2	14.8
Northeastern Buckwheat:										
New York and Pennsylvania										
Points <sup>6</sup> .....	14.5	16.0	14.0	15.5						
<b>COMB HONEY, PER 24-SECTION CASE</b>										
White Clover No. 1 and Fancy, wrapped:										
New York and North Central States <sup>6</sup> .....	Dollars 9.01	Dollars 8.84	Dollars 9.26	Dollars 9.69	Dollars 9.77	Dollars 9.86	Dollars 9.82	Dollars 9.95	Dollars 10.83	Dollars 10.71
<b>BEESWAX, PER POUND<sup>7</sup></b>										
Southern California.....	Cents 42.6	Cents 42.0		Cents 42.2	Cents 42.0	Cents 43.1	Cents 47.0	Cents 60.1	Cents 61.1	Cents 66.0
Intermountain Region.....	42.3	41.6	42.4	42.9	45.2	44.1	46.2	55.1	61.3	65.3
White Clover Belt (North Central and Northeastern States).....	43.1	41.6	44.0	44.5	46.0	46.0	48.6	57.5	63.2	66.3
Weighted average.....	42.7	41.7	43.2	43.2	44.4	44.4	47.2	57.6	61.9	65.8

<sup>1</sup> Simple average of average monthly prices.  
<sup>2</sup> Except where otherwise stated, price to beekeepers, f.o.b. shipping point or delivered nearby market.  
<sup>3</sup> Price paid beekeepers in large lots, mostly trucklots.  
<sup>4</sup> Sales by original receivers to bottlers, confectioners, bakers, or jobbers.  
<sup>5</sup> Price paid beekeepers or other shippers, mostly in trucklots or earlots.  
<sup>6</sup> Price paid beekeepers for large lots but mostly less than trucklots.  
<sup>7</sup> "Average yellow" or lighter beeswax price to beekeepers, f.o.b. shipping point or delivered nearby market.  
 Consumer and Marketing Service.

Table 147.—Beeswax, crude: United States imports for consumption, by country of origin, average 1960-64, annual 1968 and 1969

Continent and country of origin	Average 1960-64			1968 and 1969 <sup>1</sup>		
	1,000 pounds	1,000 pounds	1,000 pounds	1968	1969	1969 <sup>1</sup>
<b>North America:</b>						
Mexico.....	614	878	837			
Cuba.....	139	0	0			
Dominican Republic.....	457	350	323			
Haiti.....	96	94	68			
Guatemala.....	82	7	0			
Canada.....	39	235	207			
Other.....	27	46	48			
<b>South America:</b>						
Brazil.....	743	128	602			
Chile.....	641	686	610			
Argentina.....	102	15	22			
Peru.....	16	16	7			
Other.....	10	0	3			
<b>Africa:</b>						
Ethiopia.....	633	755	806			
Angola.....	519	600	569			
United Arab Republic.....	139	56	110			
Morocco.....	79	0	0			
Other Portuguese West Africa.....	26	0	0			
<b>Africa—Continued</b>						
Mozambique.....		2	16			0
British East Africa <sup>2</sup> .....		59	28			45
Equatorial Africa.....		4	0			0
French West Africa.....		5	0			0
South Africa, Republic of.....		3	0			10
Somali Republic.....		17	0			0
Other.....		70	57			53
<b>Europe:</b>						
Portugal.....		115	0			22
Germany, West.....		14	0			0
Turkey (Europe and Asia).....		176	66			44
Other.....		32	81			48
<b>Asia:</b>						
India.....		1	0			0
Lebanon.....		0	0			0
Other.....		1	11			0
<b>Oceania, total.....</b>		3	9			2
<b>Total.....</b>		4,864	4,134			4,436

See footnotes on page 96.

Table 148.—Tobacco: Acreage, yield, production, value, and foreign trade, United States, 1954–69

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Farm value	Foreign trade, year beginning July <sup>2</sup>	
						Domestic exports	Imports for consumption
	<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>
1954	1,557,289	1,834	1,921,528				
1954	1,667,500	1,346	2,243,735	51.1	1,146,830	461,550	109,753
1955	1,495,400	1,466	2,192,852	53.2	1,165,643	577,655	115,336
1956	1,363,500	1,596	2,175,556	53.7	1,168,841	500,677	121,638
1957	1,121,800	1,486	1,667,544	56.1	935,992	472,824	125,656
1958	1,077,900	1,611	1,736,418	59.9	1,040,386	473,288	152,038
1959	1,108,274	1,486	1,646,513				
1959	1,152,780	1,558	1,796,415	58.3	1,048,043	456,647	156,875
1960	1,141,530	1,703	1,944,175	60.9	1,183,802	504,231	164,206
1961	1,174,390	1,755	2,061,392	63.8	1,314,861	520,010	165,338
1962	1,224,080	1,891	2,314,782	58.9	1,363,822	473,294	161,969
1963	1,175,720	1,994	2,343,799	57.7	1,352,053	532,060	165,613
1964	1,085,162	1,938	1,987,804				
1964	1,077,810	2,067	2,227,932	59.2	1,317,943	483,987	183,919
1965	976,900	1,898	1,854,568	65.1	1,206,734	472,184	173,919
1966	973,900	1,937	1,886,819	66.4	1,252,890	626,635	184,898
1967	959,800	2,050	1,967,911	66.8	1,315,500	564,802	218,886
1968	880,280	1,943	1,710,398	69.5	1,188,644	515,610	210,716
1969 <sup>3</sup>	921,890	1,960	1,806,656	71.8	1,296,781		

<sup>1</sup> Production figures are on a farm-sales-weight basis.

<sup>2</sup> Includes all unmanufactured on a declared weight basis.

<sup>3</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Foreign trade data compiled from reports of the U.S. Department of Commerce. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 150.

Table 149.—Tobacco: Acreage, production, and season average price per pound received by farmers, by States, 1967–69

State	Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<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>Cents</i>	<i>Cents</i>	<i>Cents</i>
Massachusetts	2,580	2,660	2,300	3,225	3,531	3,166	291.0	235.9	325.0
Connecticut	7,400	7,300	5,600	9,020	9,499	7,318	294.0	231.0	311.0
Pennsylvania	21,000	21,000	20,000	38,325	37,275	37,500	28.0	30.0	30.0
Ohio	9,700	9,450	9,100	21,061	18,779	21,890	63.3	66.0	64.7
Indiana	5,800	5,800	5,900	13,833	13,253	14,750	70.0	73.7	70.4
Wisconsin	8,300	7,700	7,400	16,127	14,043	12,932	34.2	37.3	71.4
Missouri	2,100	2,200	2,150	4,652	5,434	5,203	67.6	72.3	70.0
Maryland	31,500	30,000	30,000	32,445	31,950	30,600	62.4	69.8	( <sup>3</sup> )
Virginia	70,100	66,600	73,000	131,986	112,682	134,629	63.1	65.9	70.2
West Virginia	1,900	1,950	1,950	3,515	3,305	3,578	70.6	73.0	68.0
North Carolina	403,200	358,400	386,400	834,675	667,375	715,968	64.1	66.6	72.1
South Carolina	75,500	62,600	68,500	165,722	122,383	136,658	64.5	66.4	72.8
Georgia	72,400	67,350	60,600	150,284	107,731	97,890	87.2	71.8	77.3
Florida	16,700	15,300	15,650	31,590	26,470	26,028	103.0	115.0	121.2
Kentucky	173,000	172,500	173,400	400,060	413,945	436,802	70.1	71.9	68.0
Tennessee	57,800	58,740	59,160	110,258	121,691	120,797	67.7	69.9	65.0
Alabama	560	520	530	1,008	884	800	65.5	58.5	66.0
Louisiana	230	210	250	115	168	140	75.0	77.0	79.0
United States	959,770	880,280	921,890	1,967,911	1,710,398	1,806,656	66.8	69.5	71.8

<sup>1</sup> Preliminary.

<sup>2</sup> For prices on a type basis, see tables 150 and 152.

<sup>3</sup> Evaluated at 75.0 cents per pound, the average auction sales through May 6, 1970, to obtain 1969 farm value in table 148.

Statistical Reporting Service.

Table 150.—Tobacco: Acreage, production, and season average price per pound received by farmers, by class and type, 1967-69

Class and type	Type No.	Acreage harvested			Production			Price for crop of—		
		1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>Flue-cured:</b>		<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>Cents</i>	<i>Cents</i>	<i>Cents</i>
Old and Middle Belts .....	11	204,850	186,800	204,000	397,572	308,948	381,220	62.3	64.6	71.5
Eastern North Carolina Belt .....	12	182,000	171,000	185,000	409,320	334,305	350,575	64.9	67.6	72.6
N.C. Border and S.C. Belt .....	13	128,900	107,100	116,000	280,799	211,161	224,058	65.0	66.7	72.8
Georgia-Florida Belt .....	14	84,560	68,120	71,830	174,868	127,227	116,952	65.6	68.4	73.5
<b>Total</b> .....	11-14	610,260	533,020	576,830	1,263,159	981,541	1,052,805	64.2	66.6	72.4
<b>Fire-cured:</b>										
Virginia Belt .....	21	5,400	4,900	5,000	6,966	5,904	6,700	40.9	46.9	53.1
Eastern District .....	22	13,200	13,700	14,300	23,035	25,329	25,819	46.9	51.5	48.4
Western District .....	23	4,100	4,190	4,660	6,416	7,269	8,253	43.7	50.0	47.3
<b>Total</b> .....	21-23	22,700	22,790	23,960	36,417	38,502	40,772	45.2	50.5	48.9
<b>Air-cured (light):</b>										
Burley Belt .....	31	237,700	237,550	237,700	540,635	563,367	591,395	71.8	73.7	69.6
Southern Maryland Belt .....	32	31,500	30,000	30,000	32,445	31,950	30,600	62.4	69.8	(?)
<b>Total</b> .....	31-32	269,200	267,550	267,700	573,080	595,317	621,995	71.3	73.5	69.9
<b>Air-cured (dark):</b>										
One Sucker Belt .....	35	6,500	6,750	7,100	10,452	12,642	13,279	42.3	49.5	40.7
Green River Belt (Ky.) .....	36	3,000	3,100	3,000	5,025	5,394	4,830	37.9	42.7	39.4
Virginia Sun-cured Belt .....	37	1,200	1,100	1,100	1,308	1,204	1,348	45.2	53.2	52.8
<b>Total</b> .....	35-37	10,700	10,950	11,200	16,785	19,240	19,457	41.2	47.8	41.2
<b>Cigar filler:</b>										
Pennsylvania Seed-leaf .....	41	21,000	21,000	20,000	38,325	37,275	37,500	28.0	30.0	30.0
Ohio Miami Valley types .....	42-44	2,300	2,050	1,700	3,634	3,424	2,805	29.0	31.0	32.5
<b>Total</b> .....	41-44	23,300	23,050	21,700	41,959	40,699	40,305	28.1	30.1	30.2
<b>Cigar binder:</b>										
Connecticut Valley Broadleaf .....	51	1,100	1,200	1,200	1,964	2,118	1,752	55.0	60.0	59.0
Connecticut Valley Havana seed .....	52	380	360	400	728	702	620	53.0	58.0	56.0
Southern Wisconsin .....	54	3,800	3,700	3,700	7,239	7,363	6,438	34.4	36.8	40.2
Northern Wisconsin .....	55	4,500	4,000	3,700	8,888	6,680	6,494	34.1	37.9	42.5
<b>Total</b> .....	51-55	9,780	9,260	9,000	18,819	16,863	15,304	37.1	41.0	44.0
<b>Cigar wrapper:</b>										
Connecticut Valley shade-grown .....	61	8,500	8,400	6,300	9,553	10,210	8,112	360.0	280.0	390.0
Georgia-Florida shade-grown <sup>2</sup> .....	62	5,100	5,050	4,950	8,024	7,858	7,766	245.0	270.0	280.0
<b>Total</b> .....	61-62	13,600	13,450	11,250	17,577	18,068	15,878	308.0	275.7	336.2
<b>Total cigar types</b> .....	41-62	46,680	45,760	41,950	78,355	75,630	71,487	92.9	91.2	101.1
<b>Miscellaneous:</b>										
Louisiana-Perique .....	72	230	210	250	115	168	140	75.0	77.0	79.0
<b>United States</b> .....	All	959,770	880,280	921,890	1,967,911	1,710,398	1,806,656	66.8	69.5	71.8

<sup>1</sup> Preliminary.<sup>2</sup> Evaluated at 75.0 cents per pound, the average auction sales through May 6, 1970.<sup>3</sup> Includes fire-cured wrapper.

Statistical Reporting Service.

Table 151.—Tobacco: Acreage, yield, and production in specified countries, average 1960-64, annual 1968-69<sup>1</sup>

Continent and country	Acreage harvested			Yield per acre			Production		
	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>									
Canada	121	135	132	1,625	1,622	1,799	196,295	218,807	237,340
Mexico	91	58	87	1,058	1,761	1,576	96,364	101,412	136,906
United States	1,159	880	921	1,880	1,943	1,958	2,178,400	1,710,362	1,802,611
Puerto Rico	28	8	6	1,115	1,419	1,277	31,180	10,786	7,920
Costa Rica	3	3	3	826	1,050	1,059	2,676	3,560	3,600
El Salvador	2	1	1	1,074	1,415	1,356	2,311	1,682	1,239
Guatemala	5	6	4	680	1,219	1,296	3,738	6,834	4,734
Honduras	11	11	11	560	562	562	6,013	6,210	6,200
Nicaragua	3	3	3	915	954	954	2,417	3,300	3,300
Panama	2	2	2	771	889	876	1,666	2,000	2,150
Cuba	113			769			87,000		
Dominican Republic	63	37	44	983	982	1,064	61,729	36,155	46,297
Haiti	6	6	6	410	405	405	2,440	2,500	2,500
Jamaica	3	12	12	827	861	868	2,450	10,500	10,750
<b>Total</b>	<b>1,610</b>	<b><sup>2</sup>1,253</b>	<b><sup>3</sup>1,321</b>				<b>2,674,679</b>	<b><sup>2</sup>2,191,108</b>	<b><sup>3</sup>2,340,547</b>
<b>South America:</b>									
Argentina	109	138	146	974	982	736	106,262	135,834	107,454
Bolivia	3	2	2	748	893	893	2,165	2,206	2,206
Brazil	481	535	471	698	626	868	336,211	334,793	409,202
Chile	8	7	7	1,996	1,795	1,816	15,666	13,161	12,350
Colombia	45	56	59	1,721	1,654	1,645	76,950	91,490	96,980
Paraguay	28	32	32	1,081	1,398	1,375	30,731	44,092	44,000
Peru	7	8	8	874	892	918	5,872	7,055	7,716
Uruguay	1	1	1	564	563	563	418	400	400
Venezuela	16	22	23	1,244	1,189	1,200	20,075	26,129	28,000
<b>Total</b>	<b>698</b>	<b>801</b>	<b>749</b>				<b>594,350</b>	<b>655,160</b>	<b>708,308</b>
<b>Europe:</b>									
Austria	1	1	1	1,677	1,880	1,644	1,466	1,393	1,279
Belgium and Luxembourg	3	1	1	2,299	2,793	2,751	6,024	4,050	4,079
France	55	50	48	1,667	2,345	2,273	92,090	117,018	110,230
Germany, West	11	9	9	2,001	1,758	2,116	22,158	16,011	18,300
Greece	301	268	268	727	726	667	218,741	194,362	178,919
Italy	117	128	115	1,072	1,276	1,452	125,595	163,425	167,285
Spain	45	34	43	1,410	1,629	1,293	63,492	55,596	55,115
Switzerland	2	2	2	1,911	2,134	2,200	4,037	4,145	4,500
<b>Total Western Europe</b>	<b>535</b>	<b>493</b>	<b>487</b>				<b>533,603</b>	<b>558,006</b>	<b>539,707</b>
Germany, East	12			1,058			12,526		
Hungary	45			1,060			48,192	59,524	
Poland	95	114		1,354	1,599		127,783	182,982	
Bulgaria	276			766			211,393		
Yugoslavia	108	141	124	788	687	749	88,965	96,561	92,593
<b>Total Eastern Europe</b>	<b><sup>3</sup>682</b>	<b><sup>3</sup>744</b>	<b><sup>3</sup>695</b>				<b><sup>3</sup>581,687</b>	<b><sup>3</sup>725,430</b>	<b><sup>3</sup>672,221</b>
<b>Total Europe</b>	<b>1,217</b>	<b>1,237</b>	<b>1,182</b>				<b>1,115,290</b>	<b>1,281,436</b>	<b>1,211,928</b>
<b>U.S.S.R. (Europe and Asia)</b>	<b>365</b>	<b>425</b>	<b>431</b>	<b>1,009</b>	<b>1,323</b>	<b>1,323</b>	<b>368,206</b>	<b>562,200</b>	<b>570,000</b>
<b>Africa:</b>									
Algeria	38	53	53	431	564	564	16,301	30,000	30,000
Libya	3	2	2	889	1,961	1,690	2,301	3,406	3,550
Morocco	4	4	4	1,115	831	997	4,126	3,309	4,189
Tunisia	5	7	7	592	897	896	2,671	6,086	6,000
Angola	9	22	23	650	691	695	5,644	15,000	16,000
Congo (Kinshasa)	3	1	1	732	646	625	2,503	320	500
Rwanda and Burundi	5	5	5	604	660	660	3,020	3,500	3,500
Cameroon	11	14	14	496	588	588	5,666	8,000	8,000
Gabon, Central African Rep. and Congo (Braz- zaville)	8	10	10	558	590	590	4,250	5,700	5,700
Kenya	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	1,370	225	225
Mauritius	1	1	1	1,239	1,433	1,399	1,093	1,165	1,300
Malagasy Republic	18	16	16	608	605	606	10,862	9,921	10,000
Mozambique	10	13	14	519	553	592	5,093	7,187	8,598

See footnotes at end of table.



Table 151.—Tobacco: Acreage, yield, and production in specified countries, average 1960-64, annual 1968 and 1969<sup>1</sup>—Continued

Continent and country	Acreage harvested			Yield per acre			Production		
	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>	Average 1960-64	1968 <sup>2</sup>	1969 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Africa—Continued</b>									
Nigeria.....	46	48	42	581	573	580	26,946	27,508	24,640
Zambia.....	23	16	14	827	878	860	19,126	14,748	12,038
Malawi.....	131	82	79	272	324	336	35,492	32,035	26,522
Rhodesia.....	219	105	115	1,033	1,261	1,198	226,233	132,180	137,300
Tanzania.....	12	47	46	462	490	473	5,651	23,000	22,000
Uganda.....	10	19	18	533	562	583	5,128	10,680	10,332
South Africa, Republic of.....	86	76	105	703	1,115	807	60,480	84,300	84,500
<b>Total.....</b>	<b>3 665</b>	<b>3 572</b>	<b>3 602</b>				<b>3 451,176</b>	<b>3 429,688</b>	<b>3 426,394</b>
<b>Asia:</b>									
Cyprus.....	6	6	5	357	319	443	2,009	1,804	1,997
Iran.....	52	45	46	507	967	1,074	26,137	43,166	49,824
Iraq.....	33	45	44	618	661	660	20,639	30,000	29,000
Israel.....	7	10	10	459	453	468	3,259	4,365	4,630
Jordan.....	10	15	15	304	263	259	3,045	3,862	3,800
Lebanon.....	12	16	16	847	902	905	9,795	14,771	14,771
Syria.....	28	52	52	540	500	500	15,055	26,000	26,000
Turkey (Europe and Asia).....	487	679	566	572	525	567	278,771	356,325	321,100
China (Mainland).....	1,603			873			1,399,820		
Burma.....	118	179	142	747	665	668	88,212	119,048	94,797
Ceylon.....	18	27	27	491	582	582	8,839	16,000	16,000
China (Taiwan).....	20	28	27	1,875	1,653	1,622	38,439	45,512	44,092
India.....	1,016	1,046	1,019	725	777	751	736,399	812,836	765,437
Indonesia.....	439	533	530	363	434	416	159,569	231,500	220,500
Japan.....	166	203	187	2,014	2,103	2,077	333,382	426,365	389,328
Korea, Republic of.....	56	96	105	1,372	1,600	1,680	76,291	153,654	176,368
Pakistan.....	209	295	288	1,018	1,391	1,387	212,912	410,000	400,000
Philippines.....	243	288	257	629	673	667	152,708	194,159	171,606
Thailand.....	129	154	159	500	566	563	64,750	87,014	89,252
Vietnam, South; Laos; and Cambodia.....	56	81	83	608	616	608	34,035	49,877	50,500
<b>Total.....</b>	<b>4,708</b>	<b>3 5,692</b>	<b>3 5,398</b>				<b>3,664,066</b>	<b>3 4,793,258</b>	<b>3 4,599,002</b>
<b>Oceania:</b>									
Australia.....	27	23	23	1,003	1,076	1,457	26,856	24,721	33,500
New Zealand.....	5	5	5	1,742	1,207	1,300	8,302	6,154	7,000
<b>Total.....</b>	<b>32</b>	<b>28</b>	<b>28</b>				<b>35,158</b>	<b>30,875</b>	<b>40,500</b>
<b>World total.....</b>	<b>9,295</b>	<b>10,008</b>	<b>9,711</b>				<b>8,902,925</b>	<b>9,943,725</b>	<b>9,896,679</b>

<sup>1</sup> Production harvested within the calendar year specified. Farm-sales weight is about 10 percent above dry weight which is normally reported in trade statistics.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes estimates for countries where data are not yet available, and producing countries not shown.

<sup>4</sup> Not available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 152.—Tobacco: Acreage, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1965-69 (farm-sales-weight basis)

Type and crop year	Acreage	Yield per acre	Pro- duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
<b>Total flue-cured, types 11-14:</b>									
1965.....	562,300	1,883	1,058,970	2,555,353	3,614,323	1,175,488	423,116	752,372	64.6
1966.....	607,000	1,825	1,107,861	2,438,835	3,546,696	1,274,172	587,116	687,056	66.9
1967.....	610,260	2,070	1,263,159	2,272,524	3,535,683	1,220,970	533,261	687,709	64.2
1968.....	533,020	1,841	981,541	2,301,535	3,283,076	1,197,067	525,288	671,782	66.6
1969 <sup>4</sup> .....	575,830	1,829	1,053,323	2,100,113	3,153,436				72.4

See footnotes on page 107.

Table 152.—Tobacco: Acreage, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1965-69 (farm-sales-weight basis)—Continued

Type and crop year	Acreage	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total fire-cured, types 21-23:</b>									
1965	30,850	1,497	46,180	120,338	166,518	53,822	32,857	20,965	42.9
1966	26,950	1,772	47,742	112,696	160,438	54,313	31,003	23,310	42.1
1967	22,700	1,604	36,417	106,125	142,542	52,001	33,785	18,216	45.2
1968	22,790	1,689	38,502	90,541	129,043	46,521	24,299	22,222	50.5
1969 <sup>4</sup>	23,860	1,740	41,515	82,522	124,037				48.9
<b>Virginia fire-cured, type 21:</b>									
1965	7,600	1,260	9,576	15,588	25,164	8,271	5,298	2,973	39.9
1966	6,000	1,255	7,530	16,893	24,423	9,584	7,339	2,245	41.2
1967	5,400	1,290	6,966	14,839	21,805	10,070	6,677	3,393	40.9
1968	4,900	1,205	5,904	11,735	17,639	7,788	4,676	3,112	46.9
1969 <sup>4</sup>	4,900	1,300	6,370	9,851	16,221				53.1
<b>Kentucky and Tennessee fire-cured, types 22-23:</b>									
1965	23,250	1,574	36,604	104,750	141,354	45,551	27,559	17,992	43.6
1966	20,950	1,910	40,212	95,803	136,015	44,729	23,664	21,065	42.2
1967	17,900	1,702	29,451	91,286	120,737	41,931	27,108	14,823	46.2
1968	17,890	1,822	32,598	78,806	111,404	38,733	19,623	19,110	51.1
1969 <sup>4</sup>	18,960	1,854	35,145	72,671	107,816				48.1
<b>Burley, type 31:</b>									
1965	277,100	2,116	586,299	1,415,710	2,002,009	606,665	57,128	549,537	67.0
1966	240,700	2,437	586,672	1,395,344	1,982,016	600,477	56,388	544,089	66.9
1967	237,700	2,274	540,635	1,381,539	1,922,174	598,069	53,376	544,693	71.8
1968	237,550	2,372	563,367	1,324,105	1,887,472	570,997	54,923	516,074	73.7
1969 <sup>4</sup>	237,650	2,450	582,150	1,316,475	1,898,625				69.6
<b>Maryland, type 32:</b>									
1965	33,500	1,150	38,525	98,932	137,457	37,716	10,972	5,967	65.5
1966	35,000	1,030	36,050	96,741	135,791	40,209	16,479	23,730	48.6
1967	31,500	1,030	32,445	95,582	128,027	36,046	15,733	20,313	62.4
1968	30,000	1,065	31,950	91,981	123,931	48,685	10,351	38,334	69.8
1969 <sup>4</sup>	30,000	1,050	31,500	75,246	106,746				
<b>Total dark air-cured, types 35-37:</b>									
1965	13,100	1,566	20,511	66,207	86,718	21,768	3,921	17,847	37.2
1966	12,100	1,880	22,754	64,950	87,704	23,048	4,740	18,308	37.6
1967	10,700	1,569	16,785	64,656	81,441	19,340	3,317	16,023	41.2
1968	10,950	1,757	19,240	62,101	81,941	18,484	2,302	16,182	47.8
1969 <sup>4</sup>	11,300	1,782	20,140	62,857	82,997				41.2
<b>One Sucker, type 35:</b>									
1965	7,500	1,585	11,891	39,594	51,485	13,538	2,910	10,628	37.5
1966	7,200	1,976	14,228	37,947	52,175	14,823	3,310	11,513	37.8
1967	6,500	1,608	10,452	37,352	47,804	11,370	2,387	8,983	42.3
1968	6,750	1,873	12,642	36,434	49,076	10,428	1,477	8,951	49.5
1969 <sup>4</sup>	7,100	1,873	13,295	38,648	51,943				40.7
<b>Green River, type 36:</b>									
1965	3,800	1,745	6,631	22,294	28,925	6,230	732	5,498	36.1
1966	3,500	2,010	7,035	22,695	29,730	6,583	1,044	5,539	36.3
1967	3,000	1,675	5,025	23,147	28,172	6,428	579	5,849	37.9
1968	3,100	1,740	5,394	21,744	27,138	6,720	579	6,141	42.7
1969 <sup>4</sup>	3,100	1,800	5,580	20,418	25,998				39.4
<b>Virginia sun-cured, type 37:</b>									
1965	1,800	1,105	1,989	4,319	6,308	2,000	279	1,721	39.2
1966	1,400	1,065	1,491	4,308	5,799	1,642	386	1,256	42.3
1967	1,200	1,090	1,308	4,157	5,465	1,542	351	1,191	45.2
1968	1,100	1,095	1,204	3,923	5,127	1,336	246	1,080	53.2
1969 <sup>4</sup>	1,100	1,150	1,265	3,791	5,056				52.8
<b>Total continental cigar filler, types 41-44:</b>									
1965	30,700	1,848	56,720	146,390	203,110	59,118	1,784	57,334	24.2
1966	26,200	1,701	44,557	143,982	188,549	60,738	1,495	59,243	25.4
1967	23,300	1,801	41,959	127,811	169,770	48,164	645	47,519	28.1
1968	23,050	1,766	40,699	121,606	162,305	46,291	855	45,436	30.1
1969 <sup>4</sup>	21,700	1,880	40,805	116,014	156,819				30.2
<b>Pennsylvania Seedleaf filler, type 41:</b>									
1965	27,000	1,900	51,300	129,420	180,720	52,973	1,784	51,189	24.0
1966	23,000	1,675	38,525	127,747	166,272	53,981	1,495	52,486	25.0
1967	21,000	1,825	38,325	112,291	150,616	41,920	645	41,275	28.0
1968	21,000	1,775	37,275	108,696	145,971	40,896	855	40,041	30.0
1969 <sup>4</sup>	20,000	1,900	38,000	105,075	143,075				30.0

See footnotes on page 107.

Table 152.—Tobacco: Acreage, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1965-69 (farm-sales-weight basis)—Continued

Type and crop year	Acreage	Yield per acre	Pro-duction	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
Miami Valley (Ohio) filler, types 42-44:	<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>
1965	3,700	1,465	5,420	16,970	22,390	6,145		6,145	26.2
1966	3,200	1,885	6,032	16,245	22,277	6,757		6,757	28.0
1967	2,300	1,580	3,634	15,520	19,154	6,244		6,244	29.0
1968	2,050	1,670	3,424	12,910	16,334	5,395		5,395	31.0
1969 <sup>4</sup>	1,700	1,650	2,805	10,939	13,744				32.5
Puerto Rican filler, type 46: <sup>4</sup>									
1965	17,000	951	16,174	62,634	78,808	27,024		27,024	32.1
1966	9,000	1,338	12,038	51,784	63,822	23,355		23,355	31.3
1967	7,600	1,419	10,786	40,467	51,253	16,903		16,903	33.1
1968	5,950	1,282	7,626	34,350	41,976	16,152		16,152	33.3
1969 <sup>4</sup>	5,125	1,600	8,200	25,824	34,024				
Total cigar binder, types 51-55:									
1965	13,500	1,793	24,206	70,759	94,965	25,057	2,451	22,606	32.7
1966	11,120	1,804	20,061	69,908	89,969	23,549	1,899	21,650	36.7
1967	9,780	1,924	18,819	66,420	85,239	25,250	2,555	22,695	37.1
1968	9,260	1,817	16,827	59,989	76,816	27,565	753	26,812	41.0
1969 <sup>4</sup>	9,010	1,834	16,525	49,251	65,776				44.0
Connecticut Valley Broadleaf, type 51:									
1965	1,900	1,830	3,477	14,679	18,156	4,247			46.5
1966	1,300	2,075	2,698	13,909	16,607	4,761			52.0
1967	1,100	1,785	1,964	11,846	13,810	5,248			55.0
1968	1,200	1,735	2,082	8,462	10,544	4,312			60.0
1969 <sup>4</sup>	1,200	1,850	2,220	6,232	8,452				59.0
Connecticut Valley Havana Seed, type 52:									
1965	700	2,125	1,488	6,591	8,079	2,667			44.5
1966	520	2,200	1,144	5,412	6,556	2,013			49.5
1967	380	1,915	728	4,543	5,271	2,520			53.0
1968	360	1,950	702	2,751	3,453	752			58.0
1969 <sup>4</sup>	410	1,950	800	2,701	3,501				56.0
Southern Wisconsin, type 54:									
1965	4,700	1,805	8,484	22,672	31,156	8,733			29.7
1966	3,900	1,895	7,390	22,423	29,813	9,112			34.3
1967	3,800	1,905	7,239	20,701	27,940	8,071			34.4
1968	3,700	1,990	7,363	19,869	27,232	7,641			36.8
1969 <sup>4</sup>	3,700	1,900	7,030	19,591	26,621				40.2
Northern Wisconsin, type 55:									
1965	6,200	1,735	10,757	26,817	37,574	9,410			28.9
1966	5,400	1,635	8,829	28,164	36,993	7,663			32.4
1967	4,500	1,975	8,888	29,330	38,218	9,311			34.1
1968	4,000	1,670	6,680	28,907	35,587	14,860			37.9
1969 <sup>4</sup>	3,700	1,750	6,475	20,727	27,202				42.5
Total cigar wrapper, types 61-62:									
1965	15,600	1,468	22,898	21,557	44,455	19,987	5,116	14,871	241.0
1966	14,600	1,440	21,018	24,468	45,486	20,789	4,226	16,563	257.0
1967	13,600	1,292	17,577	24,697	42,274	19,491	4,935	14,556	308.0
1968	13,450	1,343	18,068	22,783	40,851	19,504	3,868	15,636	275.7
1969 <sup>4</sup>	11,050	1,495	16,521	21,347	37,868				336.2
Connecticut Valley shadegrown, type 61:									
1965	9,300	1,567	14,576	14,258	28,834	12,551	3,262	9,289	250.0
1966	8,800	1,555	13,682	16,283	29,965	13,953	3,483	10,470	295.0
1967	8,500	1,124	9,563	16,012	25,565	12,844	3,287	9,557	360.0
1968	8,400	1,215	10,210	12,721	22,931	10,789	1,729	9,060	280.0
1969 <sup>4</sup>	6,100	1,435	8,755	12,142	20,897				390.0
Georgia-Florida shadegrown, type 62:									
1965	6,300	1,321	8,322	7,299	15,621	7,436	1,854	5,582	225.0
1966	5,900	1,265	7,336	8,185	15,521	6,836	743	6,093	185.0
1967	5,100	1,573	8,024	8,685	16,709	6,647	1,648	4,939	245.0
1968	5,050	1,556	7,858	10,062	17,920	8,715	2,139	6,576	270.0
1969 <sup>4</sup>	4,950	1,569	7,766	9,205	16,971				280.0
Total tobacco, types 11-72: <sup>7</sup>									
1965	993,900	1,882	1,870,742	4,558,677	6,429,419	2,026,873	537,708	1,489,165	64.8
1966	982,900	1,932	1,898,857	4,402,546	6,301,403	2,120,837	703,599	1,417,238	66.2
1967	967,370	2,045	1,978,697	4,180,566	6,159,263	2,036,458	647,793	1,388,665	66.7
1968	886,230	1,939	1,717,988	4,109,627	5,827,615	1,991,509	622,795	1,368,714	69.5
1969 <sup>4</sup>	925,765	1,956	1,810,811	3,850,210	5,661,021				71.8

See footnotes on page 107.

Table 153.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1966-70 (farm-sales-weight basis)<sup>1</sup>

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	Miami Valley (Ohio) filler, types 42-44:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1966	2,941,996	2,679,523	2,438,835	2,736,413	1966	15,380	19,244	17,723	16,245
1967	2,819,584	2,574,347	2,272,524	2,620,959	1967	15,549	18,201	17,812	15,520
1968	2,343,634	2,588,334	2,301,535	2,627,902	1968	14,177	15,322	14,476	12,910
1969	2,611,821	2,387,964	2,100,113	2,492,552	1969	11,417	13,674	11,954	10,939
1970	2,461,331				1970	9,600			
Virginia fire-cured, type 21:					Puerto Rican filler, type 46: <sup>2</sup>				
1966	17,956	21,050	19,129	16,893	1966	56,391	59,293	59,560	51,784
1967	16,251	17,861	16,525	14,839	1967	48,252	50,313	50,640	40,467
1968	14,568	16,489	14,462	11,735	1968	37,144	36,559	38,593	34,360
1969	13,343	14,317	12,231	9,851	1969	29,548	30,159	31,051	25,824
1970	9,754				1970	23,244			
Kentucky and Tennessee fire-cured, type 22:					Connecticut Valley Broadleaf, type 51:				
1966	69,093	88,047	82,064	74,319	1966	13,665	15,797	14,738	13,909
1967	66,894	84,177	78,128	71,430	1967	13,991	14,335	13,954	11,846
1968	62,946	80,774	71,878	63,225	1968	9,019	11,293	9,506	8,462
1969	56,923	75,244	65,218	58,929	1969	7,011	7,950	6,986	6,232
1970	48,553				1970	6,080			
Kentucky and Tennessee fire-cured, type 23:					Connecticut Valley Havana Seed, type 52:				
1966	18,334	26,436	24,049	21,484	1966	7,386	6,571	5,885	5,412
1967	19,617	25,946	22,875	19,856	1967	6,018	5,472	4,829	4,543
1968	17,458	21,484	18,673	15,581	1968	4,678	4,229	2,930	2,751
1969	13,734	16,596	15,023	13,742	1969	2,746	3,058	2,848	2,701
1970	11,262				1970	3,014			
Burley, type 31:					Southern Wisconsin, type 54:				
1966	1,676,315	1,694,728	1,562,890	1,395,344	1966	20,066	26,390	24,103	22,423
1967	1,570,039	1,676,788	1,526,145	1,381,539	1967	20,370	25,500	22,976	20,701
1968	1,665,768	1,625,801	1,480,082	1,324,105	1968	18,468	23,515	21,905	19,869
1969	1,606,885	1,607,897	1,462,720	1,316,475	1969	18,709	23,489	21,833	19,591
1970	1,588,174				1970	17,579			
Maryland, type 32:					Northern Wisconsin, type 55:				
1966	90,146	81,474	108,206	99,741	1966	24,956	32,749	30,032	28,164
1967	89,683	82,215	103,963	95,582	1967	27,349	32,354	30,735	29,330
1968	86,276	78,560	97,135	91,981	1968	29,089	34,020	31,457	28,907
1969	81,520	69,959	83,700	75,246	1969	24,586	27,064	24,069	20,727
1970	66,665				1970	19,376			
One Sucker, type 35:					Connecticut Valley shadegrown, type 61:				
1966	39,687	44,353	42,328	37,947	1966	19,555	18,825	16,283	20,491
1967	38,301	44,263	40,401	37,352	1967	20,690	17,955	16,012	18,634
1968	38,376	41,781	39,074	36,434	1968	19,897	15,862	12,721	16,267
1969	38,411	44,846	40,682	38,648	1969	17,145	16,039	12,142	14,929
1970	39,715				1970	15,590			
Green River, type 36:					Georgia and Florida shadegrown, type 62:				
1966	23,242	25,237	23,753	22,695	1966	10,943	10,323	8,185	10,476
1967	23,249	26,298	24,329	23,147	1967	10,116	9,873	8,685	10,895
1968	23,078	24,516	23,029	21,744	1968	11,651	11,125	8,799	9,150
1969	21,815	23,672	21,796	20,418	1969	9,666	8,642	7,523	9,709
1970	20,067				1970	10,250			
Virginia sun-cured, type 37:					Perique, type 72:				
1966	4,613	5,280	4,854	4,308	1966	698	1,027	863	828
1967	4,614	5,004	4,657	4,157	1967	674	871	821	745
1968	4,461	4,771	4,385	3,923	1968	583	754	706	636
1969	4,341	4,535	4,209	3,791	1969	488	682	607	561
1970	3,821				1970	550			
Pennsylvania Seedleaf, type 41:									
1966	112,423	142,760	137,122	127,747					
1967	112,276	138,280	123,246	112,291					
1968	100,298	129,836	120,025	108,696					
1969	96,573	122,254	115,218	105,075					
1970	91,780								

See footnotes at end of table.

Table 153.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1966-70 (farm-sales-weight basis)<sup>1</sup>—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Foreign-grown cigar-leaf, types 81-89:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Foreign-grown cigarette and smoking tobacco, type 90:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1966.....	126,470	122,747	113,726	108,549	1966.....	289,255	352,963	365,028	324,582
1967.....	96,224	91,065	91,710	84,871	1967.....	328,516	392,043	404,522	372,149
1968.....	77,896	83,122	97,865	90,918	1968.....	408,337	459,448	441,833	452,542
1969.....	90,948	93,898	93,228	96,075	1969.....	416,477	408,160	451,246	423,025
1970.....	94,807				1970.....	412,221			

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

<sup>2</sup> Stocks on the Island of Puerto Rico are included.

Consumer and Marketing Service.

Table 154.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1960-69

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 <sup>1</sup>	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 <sup>2</sup>	Plug	Twist	Fine-cut	Scrap			
	Millions	Millions	Millions	Millions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1960.....	6,991	149	( <sup>3</sup> )	506,944	26,408	3,419	3,072	31,972	73,839	34,599	173,309
1961.....	6,642	158	( <sup>3</sup> )	528,332	26,024	3,268	3,200	32,747	74,162	33,759	173,150
1962.....	6,683	164	( <sup>3</sup> )	535,496	25,990	2,903	3,255	32,541	70,935	33,170	168,794
1963.....	6,716	281	( <sup>3</sup> )	550,558	24,948	2,935	3,343	34,007	70,447	31,844	167,524
1964.....	8,737	974	( <sup>3</sup> )	539,908	25,852	2,813	3,523	34,013	82,437	31,443	180,081
1965.....	7,899	441	( <sup>3</sup> )	556,896	24,651	2,850	3,710	33,918	71,782	29,710	166,621
1966 <sup>4</sup> .....	7,165	445	( <sup>3</sup> )	567,264	24,285	2,739	3,916	34,256	67,347	29,501	162,044
1967.....	6,859	434	( <sup>3</sup> )	576,183	23,741	2,572	4,065	34,028	64,766	29,323	158,495
1968.....	7,184	523	1.0	579,493	22,926	2,567	4,268	35,666	66,275	27,057	158,759
1969 <sup>5</sup> .....	6,937	743	1.0	557,647	23,349	2,466	4,480	39,494	63,865	27,585	161,239

<sup>1</sup> Cigars produced in bonded manufacturing warehouses are included.

<sup>2</sup> "King size" cigarettes included in this category.

<sup>3</sup> Less than 500,000.

<sup>4</sup> Excise tax on chewing and smoking tobacco and snuff discontinued after 1965. Data now reported by Consumer and Marketing Service, U.S. Department of Agriculture, and are not strictly comparable with prior year.

<sup>5</sup> Preliminary.

Consumer and Marketing Service. Compiled from reports of the Internal Revenue Service, U.S. Treasury Department. Data for 1949-59 in *Agricultural Statistics, 1967*, table 157.

## FOOTNOTES FOR TABLE 152

<sup>1</sup> July 1 for flue-cured types 11-14 and cigar types 61 and 62; Oct. 1 for all other types.

<sup>2</sup> Farm-sales weight of exports is subject to revision. Exports by rehanding trade included in totals of types from which they are made. Exports and domestic use not separately available for individual types 51, 52, 54, and 55.

<sup>3</sup> Domestic disappearance adjusted for 1967 tobacco still on farms at end of marketing year.

<sup>4</sup> Preliminary.

<sup>5</sup> Includes fire loss of an estimated 4.7 and 2.0 million pounds, respectively.

<sup>6</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

<sup>7</sup> Includes Perique.

Economic Research Service. Basic export data from the official reports of the Department of Commerce. Data for 1954-64 in *Agricultural Statistics, 1967*, table 154.

Table 155.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1954-69<sup>1</sup>

Year	Cigarettes		Cigars <sup>2</sup>		Smoking, chewing, and snuff <sup>3</sup>		All tobacco products <sup>3</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Billions	Number	Billions	Number	Million pounds	Pounds	Million pounds	Pounds
1954.....	387	3,546	6.0	55	134	1.23	1,322	12.12
1955.....	396	3,597	6.1	55	135	1.22	1,322	11.99
1956.....	406	3,650	6.0	54	125	1.12	1,298	11.65
1957.....	422	3,755	6.2	55	121	1.07	1,287	11.44
1958.....	449	3,953	6.5	57	121	1.07	1,332	11.73
1959.....	467	4,073	7.0	61	117	1.02	1,346	11.73
1960.....	484	4,171	7.1	61	115	.99	1,372	11.82
1961.....	503	4,266	7.0	60	116	.98	1,414	12.00
1962.....	508	4,265	7.1	59	113	.95	1,407	11.80
1963.....	524	4,345	7.3	60	111	.92	1,421	11.78
1964.....	511	4,194	9.1	75	120	.99	1,406	11.53
1965.....	529	4,258	8.6	70	110	.88	1,429	11.51
1966.....	541	4,287	8.3	66	108	.86	1,404	11.12
1967.....	540	4,280	8.1	63	107	.83	1,385	10.79
1968.....	546	4,186	7.9	61	108	.83	1,380	10.59
1969 <sup>4</sup> .....	529	3,993	8.0	60	110	.83	1,338	10.10

<sup>1</sup> Includes Alaska, Hawaii, and consumption by overseas forces.

<sup>2</sup> Weighing over 3 pounds per 1,000.

<sup>3</sup> Unstemmed-processing weight equivalent.

<sup>4</sup> Preliminary.

Economic Research Service. No adjustments made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals. Data for 1949-53 in *Agricultural Statistics, 1967*, table 158.

Table 156.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1960-69

Year	Cigarettes				Cigars <sup>3</sup>			
	Total output	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>		Total output <sup>4</sup>	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>	
			Total	Exports			Total	Exports
	Billions	Billions	Billions	Billions	Millions	Millions	Millions	Millions
1960.....	506.9	470.1	37.0	20.2	7,187	6,953	105	11
1961.....	528.3	488.1	39.6	22.2	6,998	6,936	118	16
1962.....	535.5	494.5	41.1	24.1	7,269	6,950	126	19
1963.....	550.6	509.6	41.1	23.6	7,344	7,171	143	33
1964.....	539.9	497.4	42.6	25.1	9,566	8,959	193	44
1965.....	556.8	511.5	44.2	23.1	8,841	8,513	180	55
1966.....	567.3	522.5	46.1	23.4	8,243	8,175	193	73
1967.....	576.2	527.8	49.0	23.7	8,061	7,972	197	76
1968.....	579.5	523.0	53.8	26.5	8,235	7,827	169	66
1969 <sup>5</sup> .....	557.6	510.5	47.1	25.0	8,025	7,841	169	65

<sup>1</sup> As indicated by taxable removals and imports.

<sup>2</sup> In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores.

<sup>3</sup> Includes cigarillos but excludes small (approximately cigarette-size) cigars.

<sup>4</sup> Includes cigars shipped to mainland United States from Puerto Rico.

<sup>5</sup> Preliminary.

Economic Research Service. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department. Data for 1944-59 in *Agricultural Statistics, 1967*, table 159.

Table 157.—Tobacco: Price-support operations, United States, 1960-70<sup>1</sup>

Year	Flue-cured, types 11-14				Burley, type 31			
	Support price per pound	Season average price per pound received by farmers	Put under support <sup>2</sup>		Support price per pound	Season average price per pound received by farmers	Put under support <sup>3</sup>	
			Quantity	Percentage of production			Quantity	Percentage of production
	Cents	Cents	Million pounds	Percent	Cents	Cents	Million pounds	Percent
1960.....	55.5	60.4	52	4.1	57.2	64.3	8	1.7
1961.....	55.5	64.3	70	5.6	57.2	66.5	10	1.8
1962.....	56.1	60.1	237	16.8	57.8	58.6	64	9.4
1963.....	56.6	58.0	277	20.2	58.3	59.2	202	26.8
1964.....	57.2	58.5	286	20.7	58.9	60.3	110	17.8
1965.....	57.7	64.6	71	6.8	59.5	67.0	42	7.2
1966.....	58.8	66.9	75	6.7	60.6	66.9	63	10.6
1967.....	59.9	64.2	282	22.6	61.8	71.8	64	11.9
1968.....	61.6	66.6	128	12.9	63.5	73.7	56	10.0
1969.....	63.8	<sup>3</sup> 72.4	97	9.2	65.8	<sup>3</sup> 69.6	155	26.7
1970.....	66.6				68.6			

<sup>1</sup> This table does not show support operations for all tobacco. Only burley and flue-cured are shown because they are substantially more important in the total tobacco picture than other types which are also supported.

<sup>2</sup> Title to the tobacco obtained under the price-support program is retained in most cases by the Producers' Cooperative Association handling price-support loans.

<sup>3</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 156.

Table 158.—Tobacco, unmanufactured: International trade, average 1960-64, annual 1967 and 1968

Continent and country	Average 1960-64		1967 <sup>1</sup>		1968 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:						
Canada	43 135	2 769	42 909	6 503	47 377	3 926
United States	497 190	165 081	571 561	197 109	598 800	221 471
Costa Rica	25	125	275	188	110	175
El Salvador	37	3 708	382	4 062	300	4 000
Guatemala	86	496	735	197	500	200
Honduras <sup>2</sup>	3 650	103	5 293	202	5 000	200
Mexico	12 604	5 894	15 601	1 323	9 899	1 401
Nicaragua		500	778	697	584	567
Cuba	39 434		30 000		30 000	
Dominican Republic	42 941	116	44 076	2 108	33 733	1 861
Jamaica	491	1 827	1 021	2 210	1 400	2 200
Trinidad and Tobago		1 785		1 429	2	1 415
Total	639 593	182 404	712 631	216 028	727 705	237 416
South America:						
Argentina	17 709	1 302	23 452	1 021	30 467	2 025
Brazil	99 979	14	99 921	10	84 932	10
Guyana		746		655		700
Chile		2 032		4 824		2 939
Colombia	23 027	10	26 333	3	23 148	
Paraguay	<sup>2</sup> 20 553	2	<sup>2</sup> 25 490	5	<sup>2</sup> 33 084	2
Peru	217		1	4 012	551	4 409
Surinam		197		294		300
Uruguay		8 708		9 275		6 691
Venezuela	153	1 327	252	248	13	88
Total	161 638	14 338	175 449	20 347	172 195	17 164
Europe:						
Austria	1 040	21 766	406	25 790	479	30 869
Belgium and Luxembourg	3 830	64 742	2 390	82 264	4 560	66 517
Denmark	<sup>8</sup> 606	29 641	<sup>8</sup> 739	38 308	<sup>8</sup> 599	40 715
France	5 950	85 698	1 737	121 621	2 110	105 318
Germany, West	2 169	253 968	12 365	333 799	10 388	306 194
Greece	135 648	4	178 041		154 777	207
Ireland		14 609		13 255		17 870
Italy	28 778	45 100	14 832	22 727	15 507	13 482
Netherlands	<sup>3</sup> 5 668	91 317	<sup>3</sup> 11 036	103 202	<sup>3</sup> 14 136	101 830
Norway	<sup>3</sup> 302	13 291	<sup>3</sup> 562	11 940	<sup>3</sup> 483	16 678
Portugal	<sup>1</sup> 1	13 378		13 753		21 128
Spain	34	56 019		74 127		66 557
Sweden	60	24 295	216	24 418	79	22 998
Switzerland	124	35 339	31	43 575	28	47 245
United Kingdom	<sup>3</sup> 3 570	325 514	<sup>3</sup> 2 990	279 573	<sup>3</sup> 3 600	328 431
Malta		814		600		700
Finland	<sup>5</sup> 4	14 416	<sup>5</sup> 23	17 402		13 554
Yugoslavia	39 550	10 476	42 413	647	32 555	134
Total	227 334	1 100 387	267 781	1 207 001	239 291	1 200 427
Africa:						
Algeria	7 489	12 415	3 054	7 831	2 000	8 000
Morocco	408	8 318		10 231		9 636
Tunisia	106	5 762	441	3 953	441	5 500
United Arab Republic	75	26 690		30 128		30 000
Angola	2 389	465	5 750	527	6 000	500
Cameroon	2 318	2 021	3 500	2 000	3 500	2 000
Canary Islands	2	14 229	657	30 322	700	30 000
Congo (Brazzaville)	744	2 016	1 000	700	1 000	700
Congo (Kinshasa)	24	4 988	187	8 233	100	8 000
Ghana	5	2 632		2 584		3 600
Malagasy Republic	7 901	1 698	4 835	1 091	5 500	1 012
Mozambique	1 854	996	2 703	584	3 000	500
Nigeria	30	4 456	567	2 018	408	915
Malawi	26 042	52	32 614	8 849	35 506	7 156
Rhodesia	178 730		67 600	8 100	56 600	
Zambia	17 623		9 707		7 808	
Sierra Leone		2 061		2 734		2 000
South Africa, Republic of	14 208	4 634	19 935	20 482	22 113	2 810
Total	259 948	93 433	152 550	140 367	144 676	112 329

See footnotes at end of table.



Table 158.—Tobacco, unmanufactured: International trade, average 1960-64, annual 1967 and 1968—Continued

Continent and country	Average 1960-64		1967 <sup>1</sup>		1968 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asia:						
Southern Yemen <sup>4</sup> .....	<sup>3</sup> 5,239	8,920	<sup>3</sup> 2,952	8,076	<sup>3</sup> 3,000	8,000
Cyprus.....	1,631	1,280	1,245	1,236	2,000	1,500
Lebanon.....	3,744	564	9,296	1,429	7,211	1,444
Turkey.....	147,444		202,317		173,202	
Syria.....	1,458	424	3,100	800	2,000	800
Korea, Republic of.....	627	1	23,913	174	21,120	200
Cambodia.....		1,049		600		600
Ceylon.....	169	2,680	942	305	1,300	275
China (Taiwan).....	4,467	2,705	6,279	13,837	6,863	3,624
Hong Kong.....	<sup>3</sup> 553	16,182	<sup>3</sup> 731	15,348	<sup>3</sup> 377	10,200
India.....	129,381	1,682	122,880	1,544	114,812	727
Indonesia.....	34,816	1,796	35,000		35,000	
Japan.....	14,588	35,374	12,982	65,277	14,875	60,082
Laos.....		934		2,000		2,000
West Malaysia and Singapore.....	<sup>3</sup> 4,434	19,302	<sup>3</sup> 2,388	19,628	<sup>3</sup> 3,018	57,853
Pakistan.....	240	1,820	8,000	2,000	9,000	2,000
Philippines.....	46,305	1,879	50,073	5,373	94,015	7,436
Thailand.....	6,785	9,214	18,875	20,523	22,992	29,959
Vietnam, South.....	62	5,686		11,557		11,000
Total.....	401,943	111,492	500,973	169,707	510,785	197,700
Oceania:						
Australia.....	234	29,276	858	23,345	815	27,900
New Zealand.....	65	5,649	100	6,578	100	7,000
Total.....	299	34,925	958	29,923	915	34,900
World total.....	1,690,755	1,536,979	1,810,342	1,783,373	1,795,567	1,799,936

<sup>1</sup> Preliminary. <sup>2</sup> Includes manufactured. <sup>3</sup> Re-exports. <sup>4</sup> Formerly Aden.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 159.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, average 1960-64, annual 1968 and 1969

Classification and country of origin	Average 1960-64	1968	1969 <sup>1</sup>	Classification and country of origin	Average 1960-64	1968	1969 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Cigarette leaf:				Cigar wrapper:			
Greece.....	31,707	41,377	29,231	Cuba.....	412		
Italy.....	1,661	57	121	Honduras.....	10	146	216
Yugoslavia.....	7,810	16,029	14,627	Indonesia.....	5	56	11
Cyprus.....	811	471	318	Other countries.....	29	606	562
Syria.....	595	383	217	Total.....	456	808	789
Lebanon.....	1,839	2,953	3,179	Scrap:			
Turkey.....	78,427	98,097	94,210	Canada.....	266	488	902
Other countries.....	1,019	5,314	5,909	Cuba.....	7,653	229	110
Total.....	123,869	164,681	147,812	Dominican Republic.....	3,822	6,125	5,622
Cigar filler:				Colombia.....	3,611	3,793	4,654
Unstemmed:				Philippines.....	11,472	19,089	22,789
Cuba.....	2,917	72		Other countries.....	4,736	19,109	21,163
Philippines.....	90	150	101	Total.....	31,560	48,833	55,240
Other countries.....	1,438	2,792	2,224	Stems:			
Stemmed:				Cuba.....	41		
Cuba.....	3,317	174	102	Ireland.....	53	290	54
Philippines.....	369			United Kingdom.....	267		75
Other countries.....	522	2,368	2,355	Other countries.....	182	1,303	963
Total.....	8,653	5,556	4,782	Total.....	543	1,593	1,092
				Grand total.....	165,081	221,471	209,715

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 160.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, average 1960-64, annual 1968 and 1969

Type and country of destination	Average 1960-64	1968	1969 <sup>1</sup>	Type and country of destination	Average 1960-64	1968	1969 <sup>1</sup>
<b>Total unmanufactured:</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<b>Flue-cured—Continued</b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada	1,405	3,180	1,797	Japan	25,970	41,925	34,708
Mexico	5,155	569		Malaysia	3,724	6,108	6,715
Chile	1,365	1,836	2,200	Pakistan	1,716	1,967	
Uruguay	1,708	758	1,058	Philippines	1,276	5,648	6,696
Austria	3,647	3,475	3,604	Thailand	8,486	24,120	21,564
Belgium and Luxembourg	17,379	20,130	17,442	Australia	16,323	16,539	18,515
Denmark	13,272	19,212	19,113	New Zealand	4,262	5,209	2,134
France	5,953	6,876	8,628	Other countries	12,273	20,160	16,773
Germany, West	79,164	88,635	101,794	<b>Total</b>	<b>397,181</b>	<b>443,538</b>	<b>429,750</b>
Ireland	14,851	15,026	10,501	<b>Burley:</b>			
Italy	11,326	5,016	19,546	Mexico	3,236		
Netherlands	32,198	44,034	33,564	Austria	645	797	541
Norway	7,655	9,651	7,174	Belgium and Luxembourg	904	1,746	1,725
Portugal	7,338	4,645	6,333	Denmark	1,379	3,164	2,550
Spain	1,651	5,532	4,128	France	546	620	973
Sweden	16,621	16,914	13,900	Germany, West	9,662	8,311	13,813
Switzerland	12,971	24,829	26,352	Italy	4,027	1,890	7,829
United Kingdom	138,082	146,697	134,198	Netherlands	2,129	2,647	1,637
Finland	7,273	5,525	5,886	Norway	774	875	636
Germany, East	900	1,350	1,304	Portugal	2,816	1,544	2,293
Canary Islands	1,017	814	473	Sweden	4,483	4,926	3,037
Congo (Kinshasa)	2,609	2,561	2,452	Switzerland	703	2,908	5,218
Ghana	1,361	3,740	306	United Kingdom	182	106	72
Nigeria	2,629	869	395	Finland	1,630	1,158	1,199
South Africa, Republic of	98	221	2,582	Hong Kong	918	1,557	674
United Arab Republic	11,452	555	505	Philippines	511	2,211	3,289
Western Africa <sup>2</sup>	453	1,142		United Arab Republic	2,419		153
Cambodia	278	11	92	Australia	601	964	284
Laos	204	129	219	Other countries	4,089	7,369	6,065
Vietnam, South	5,930	10,439	10,809	<b>Total</b>	<b>41,554</b>	<b>42,793</b>	<b>51,988</b>
Ceylon	474	359	257	<b>Dark-fired Kentucky—</b>			
China (Taiwan)	2,683	6,335	9,049	Tennessee:			
Hong Kong	6,463	5,624	4,204	Belgium and Luxembourg	1,262	1,678	1,349
India	1,403	407	451	Denmark	441	332	223
Indonesia	1,415	724	1,050	France	3,324	1,473	3,409
Japan	26,080	48,762	40,935	Germany, West	547	552	563
Pakistan	1,725	1,990		Ireland	259	132	188
Philippines	1,800	7,933	10,137	Italy	190	4	
Thailand	9,212	28,859	24,260	Netherlands	6,954	9,422	10,451
Australia	17,222	19,713	20,169	Norway	222	184	241
New Zealand	4,454	5,938	2,461	Portugal	108		
Other countries	18,313	27,785	27,908	Sweden	875	1,440	652
<b>Total</b>	<b>497,189</b>	<b>598,800</b>	<b>577,236</b>	Switzerland	1,660	1,849	1,327
<b>Flue-cured:</b>				United Kingdom	139	50	22
Canada	391	1,441	482	Canary Islands	190	68	16
Mexico	1,826	569		Congo (Kinshasa)	955	1,431	502
Uruguay	1,474	624	924	Ghana	14	676	225
Austria	2,740	2,405	2,952	United Arab Republic	176		
Belgium and Luxembourg	13,453	15,278	12,685	Cambodia	51		
Denmark	10,402	12,898	13,502	Japan	10		3
France	1,546	3,795	2,642	Vietnam, South	432	98	107
Germany, West	65,300	73,521	79,759	Indonesia	103		1
Ireland	14,402	13,110	8,838	Other countries	1,312	1,140	1,864
Italy	7,063	3,122	11,642	<b>Total</b>	<b>19,224</b>	<b>20,529</b>	<b>21,143</b>
Netherlands	21,238	30,011	18,917	<b>Black Fat:</b>			
Norway	4,799	5,849	4,351	Ghana	1,061	15	
Portugal	3,249	1,804	2,381	Nigeria	1,917	493	89
Spain	996	3,922	3,305	Western Africa <sup>2</sup>	409	944	439
Sweden	9,134	6,205	6,778	Other countries	673	1,096	598
Switzerland	3,546	9,720	12,987	<b>Total</b>	<b>4,060</b>	<b>2,548</b>	<b>1,126</b>
United Kingdom	129,775	112,194	111,388	<b>Dark-fired Virginia and sun-cured:</b>			
Finland	5,559	3,983	3,434	Austria	126	51	103
Nigeria	711	376	286	Belgium and Luxembourg	16	44	24
United Arab Republic	8,855	555	2,429	Germany, West	517	576	562
Cambodia	227	11	92				
Laos	199	120	219				
Vietnam, South	4,962	8,709	8,900				
Ceylon	474	359	257				
China (Taiwan)	2,653	6,333	8,770				
Hong Kong	5,504	3,830	3,230				
India	1,382	394	446				
Indonesia	1,291	724	1,049				

See footnotes at end of table.

Table 160.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, average 1960-64, annual 1968 and 1969—Con.

Type and country of destination	Average 1960-64	1968	1969 <sup>1</sup>	Type and country of destination	Average 1960-64	1968	1969 <sup>1</sup>
Dark-fired Virginia and sun-cured—Continued	1,000 pounds	1,000 pounds	1,000 pounds	Cigar binder—Continued	1,000 pounds	1,000 pounds	1,000 pounds
Netherlands	123	139	123	Dominican Republic	47	21	21
Norway	1,744	2,439	1,843	Venezuela	25	5	32
Sweden	483	315	400	Belgium and Luxembourg	109	9	.....
Switzerland	243	169	209	Denmark	51	26	17
United Kingdom	1,085	575	517	Germany, West	467	404	171
Australia	93	80	15	Netherlands	18	270	82
New Zealand	44	.....	.....	Spain	370	1,224	380
Other countries	368	614	587	Sweden	5	.....	.....
Total	4,842	5,002	4,383	Switzerland	16	6	18
Maryland:				Germany, East	155	.....	40
Belgium and Luxembourg	1,004	843	1,435	Canary Islands	228	133	99
France	349	.....	.....	Other countries	124	20	6
Germany, West	575	1,511	2,172	Total	1,623	2,152	868
Netherlands	922	120	73	Cigar filler:			
Portugal	1,138	1,095	1,250	Canada	110	302	327
Spain	155	386	221	France	107	169	252
Switzerland	6,595	9,355	4,918	Sweden	.....	.....	( <sup>2</sup> )
Vietnam, South	135	35	.....	United Kingdom	.....	.....	.....
Tunisia	219	.....	.....	New Zealand	.....	1	24
Other countries	272	441	346	Vietnam, South	127	115	.....
Total	11,364	13,786	10,415	Other countries	21	20	9
One sucker:				Total	365	607	612
Belgium and Luxembourg	347	311	106	Perique:			
France	10	.....	.....	Canada	7	2	16
Congo (Kinshasa)	78	87	115	Norway	29	59	.....
Other countries	117	644	214	Denmark	7	7	5
Total	552	1,042	435	Germany, West	16	18	31
Green River:				United Kingdom	54	40	33
Belgium and Luxembourg	106	32	.....	Australia	38	57	.....
Ireland	9	25	4	Other countries	19	23	29
United Kingdom	282	179	146	Total	170	206	114
Congo (Kinshasa)	208	78	127	Trimnings, stems, and scrap:			
Other countries	149	204	163	Canada	255	722	461
Total	754	518	440	Mexico	26	.....	.....
Cigar wrapper:				Uruguay	12	.....	.....
Canada	567	579	451	Austria	20	192	8
Brazil	19	10	5	Belgium and Luxembourg	120	27	39
Venezuela	18	14	7	Denmark	895	2,679	2,797
Belgium and Luxembourg	55	160	79	Germany, West	62	2,067	3,798
Denmark	28	.....	.....	Ireland	174	1,750	1,464
Germany, West	2,018	1,530	835	Netherlands	649	1,302	2,281
Netherlands	162	35	.....	Norway	36	168	21
Sweden	67	.....	.....	Spain	81	.....	56
Switzerland	49	191	50	Sweden	1,574	4,028	3,018
United Kingdom	244	655	127	Switzerland	150	631	1,625
Germany, East	610	199	43	United Kingdom	6,291	32,897	21,859
Canary Islands	342	579	298	Canary Islands	112	.....	43
Other countries	261	613	320	Morocco	180	.....	.....
Total	4,440	4,565	2,222	Hong Kong	8	165	300
Cigar binder:				Japan	83	6,785	6,171
Canada	8	34	2	Jordan	194	266	158
				Australia	5	1,887	1,146
				Other countries	133	5,948	8,495
				Total	11,060	61,514	53,740

<sup>1</sup> Preliminary.<sup>2</sup> Not elsewhere classified.<sup>3</sup> Less than 500 pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## CHAPTER III

### STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, tung nuts, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

A table on sales of soap and synthetic detergents was substituted for the table on supply and disposition of soap and detergents as data for updating are not available.

**Table 161.—Cottonseed: Cotton acreage, cottonseed yield, production, farm disposition, season average price per ton received by farmers, and value, United States, 1954-69**

Year	Harvested acreage of cotton	Cottonseed					
		Yield of seed per harvested acre	Production	Total sales to oil mills	Other <sup>1</sup>	Price <sup>2</sup>	Farm value
	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	19,251	593	5,709	5,229	480	60.30	344,175
1955	16,928	714	6,043	5,556	487	44.60	269,262
1956	15,815	692	5,407	4,980	427	53.40	288,864
1957	13,558	680	4,609	4,274	335	51.10	235,367
1958	11,849	810	4,798	4,382	416	43.80	210,262
1959	15,117	794	5,991	5,505	486	38.80	232,115
1960	15,309	766	5,886	5,402	484	42.60	249,977
1961	15,634	765	5,978	5,622	356	51.10	305,310
1962	15,569	789	6,139	5,803	336	47.90	293,845
1963	14,212	872	6,192	5,851	341	50.70	314,219
1964	14,055	867	6,237	5,929	308	47.10	293,838
1965	13,615	527	6,087	5,836	251	46.70	284,412
1966	9,552	829	3,960	3,743	217	65.90	261,008
1967	7,997	803	3,210	3,017	193	55.20	177,406
1968	10,160	913	4,640	4,441	199	50.50	234,492
1969 <sup>3</sup>	11,075	756	4,186	3,981	205	41.10	172,030

<sup>1</sup> Includes planting seed, some sales between farms, shrinkage, losses, and other uses.

<sup>2</sup> Obtained by weighting State prices by quantity sold.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 163.

**Table 162.—Cottonseed: Production and season average price per ton received by farmers and farm disposition, by States, 1967-69**

State	Production			Total sales to oil mills			Other <sup>2</sup>			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	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	Dollars	Dollars
North Carolina.....	19	51	41	17	48	38	2	3	3	51.60	49.30	40.70
South Carolina.....	77	105	85	70	97	79	7	8	6	52.60	50.00	40.40
Georgia.....	98	111	117	92	105	111	6	6	6	51.60	49.90	39.20
Tennessee.....	63	137	176	57	131	170	6	6	6	55.10	49.80	40.10
Alabama.....	86	166	191	78	156	181	8	10	10	51.60	48.00	40.20
Missouri.....	26	84	137	23	79	131	3	5	6	53.00	48.50	38.30
Mississippi.....	460	645	549	420	608	510	40	37	39	58.30	51.90	43.20
Arkansas.....	216	435	477	199	418	459	17	17	18	55.80	50.00	42.10
Louisiana.....	182	229	200	175	222	193	7	7	7	50.00	50.60	41.40
Oklahoma.....	84	112	117	77	105	108	7	7	9	56.80	49.10	45.30
Texas.....	1,190	1,490	1,195	1,121	1,420	1,123	69	70	72	55.80	50.50	41.80
New Mexico.....	68	74	64	65	71	61	3	3	3	59.60	52.90	45.50
Arizona.....	194	307	263	189	302	258	5	5	5	53.00	52.50	39.80
California.....	442	685	505	429	671	551	13	14	14	53.00	50.00	37.70
Other States <sup>3</sup> .....	5	9	9	5	8	8	.....	1	1	50.30	49.10	39.80
United States.....	3,210	4,640	4,186	3,017	4,441	3,981	193	199	205	55.20	50.50	41.10

<sup>1</sup> Preliminary.<sup>2</sup> Includes planting seed, exports, some sales between farms, shrinkage, losses, and other uses.<sup>3</sup> Virginia, Florida, Illinois, Kentucky, and Nevada.

Statistical Reporting Service.

**Table 163.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1959-68 <sup>1</sup>**

Year beginning August	Cottonseed quality analysis <sup>2</sup>						Quantity <sup>3</sup>	Quality <sup>4</sup>	Average grade <sup>5</sup>	Samples graded <sup>6</sup>
	Oil	Ammonia	Linters	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1959.....	18.8	3.89	10.2	11.4	1.3	0.9	102.10	97.1	100.0	87,772
1960.....	18.6	3.98	9.7	11.7	1.6	1.1	100.70	95.7	96.0	83,410
1961.....	18.8	3.83	10.1	10.9	0.9	1.2	101.16	98.0	99.5	92,251
1962.....	18.2	3.96	10.1	11.1	1.4	1.1	98.54	97.6	96.5	98,390
1963.....	18.7	4.05	10.3	9.3	0.7	1.1	103.55	99.2	103.0	86,035
1964.....	18.4	3.98	10.4	10.6	0.9	1.1	102.07	98.5	100.5	91,881
1965.....	18.0	4.00	10.3	11.1	1.2	1.2	100.49	97.9	98.5	108,828
1966.....	18.2	3.97	10.8	10.7	0.9	1.3	101.84	98.8	101.0	71,072
1967.....	18.4	3.89	10.7	10.1	0.9	1.3	101.97	98.5	100.5	45,838
1968.....	18.0	3.91	11.2	10.6	0.7	1.2	100.91	98.9	100.0	67,254

<sup>1</sup> United States averages not fully representative of entire crop because of relatively small volume of seed graded in some areas.<sup>2</sup> These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades.<sup>3</sup> The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, protein, and linters.<sup>4</sup> The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter.<sup>5</sup> The average grade is the product of the quantity index times the quality index. The base grade is 100.0.<sup>6</sup> Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture.Consumer and Marketing Service. Data for 1949-58 in *Agricultural Statistics, 1967*, table 165.

Table 164.—Cottonseed: Production in specified countries and the world, average 1960-64, annual 1968 and 1969

Continent and country	Year beginning August <sup>1</sup>			Continent and country	Year beginning August <sup>1</sup>		
	Average 1960-64	1968	1969 <sup>2</sup>		Average 1960-64	1968	1969 <sup>2</sup>
North America:	1,000 tons	1,000 tons	1,000 tons	Africa—Continued	1,000 tons	1,000 tons	1,000 tons
United States	6,084	4,640	4,274	Central African Republic	23	39	
El Salvador	139	96	98	Chad	71	97	
Guatemala	103	156	110	Congo (Kinshasa)	436	39	39
Honduras	12	16	9	Malawi	11	12	
Mexico	1,059	1,176	830	Mozambique	80	95	97
Nicaragua	175	207	158	Nigeria	106	134	140
Other	16	22	20	Rhodesia	4	97	
Total	7,588	6,313	5,499	South Africa, Republic of	24	49	
South America:				Sudan	311	425	
Argentina	269	253	230	Tanzania	91	114	158
Brazil	1,089	1,607	1,704	United Arab Republic	926	832	915
Colombia	163	312	340	Uganda	140	170	170
Paraguay	26	27		Other	63	170	171
Peru	295	198	198	Total <sup>3</sup>	1,927	2,356	2,529
Venezuela	19	34		Asia and Oceania:			
Other	9	20	21	Afghanistan	60	51	
Total <sup>3</sup>	1,870	2,451	2,551	Australia	8	72	75
Europe:				Burma	46	27	
Greece	192	171	230	China (Mainland)	2,570	3,170	3,075
Italy	11	4	4	India	2,532	2,357	2,501
Spain	208	170	146	Iran	241	336	341
Bulgaria	32	26		Iraq	17	22	
Other	21	18	17	Israel	35	58	63
Total <sup>3</sup>	464	389	435	Pakistan	807	1,193	1,218
U.S.S.R. (Europe and Asia)	3,435	4,335	4,100	Syria	320	343	317
Africa:				Thailand	34	69	29
Angola	12	34		Turkey	446	772	716
Cameroon	29	49	54	Other	57	44	44
				Total <sup>3</sup>	7,173	8,514	8,478
				World total <sup>3</sup>	22,457	24,358	23,592

<sup>1</sup> Years shown refer to years of harvest.<sup>2</sup> Preliminary.<sup>3</sup> Includes estimates for countries for which data are not available.<sup>4</sup> Including Burundi.

Foreign Agricultura Service. Data for countries other than the United States, the United Arab Republic, and the Sudan were calculated from lint-production estimates.

Table 165.—Cottonseed: Crushings and output of products, United States, 1959-68

Year beginning August	Quantity crushed	Cottonseed products				Year beginning August	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls			Crude oil	Cake and meal	Linters <sup>1</sup>	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
1959	5,491	1,861	2,547	1,652	1,257	1964	5,926	1,999	2,770	1,656	1,357
1960	5,352	1,808	2,505	1,582	1,217	1965	5,734	1,896	2,695	1,580	1,299
1961	5,539	1,865	2,506	1,627	1,325	1966	3,791	1,261	1,801	1,103	867
1962	5,833	1,942	2,734	1,661	1,352	1967	3,107	1,036	1,450	935	734
1963	5,887	1,981	2,790	1,597	1,340	1968 <sup>2</sup>	4,363	1,424	1,985	1,306	1,025

<sup>1</sup> Production of linters is the output at oil mills only; this is slightly smaller than total output, including that at delinting plants.<sup>2</sup> Preliminary.Economic Research Service. Compiled from annual reports of the U.S. Department of Commerce. Data for 1944-58 in *Agricultural Statistics, 1967*, table 167.

**Table 166.—Cottonseed oil and cottonseed cake and meal: United States exports by continent and country of destination, years beginning October, 1966–68**

Continent and country of destination	Cottonseed oil <sup>1</sup>			Cottonseed cake and meal		
	1966	1967	1968 <sup>2</sup>	1966	1967	1968 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons	Tons
<b>North America:</b>						
Bermuda.....	16	29	21	0	0	0
Canada.....	8,396	7,486	15,442	2,749	2,428	2,445
Panama Canal Zone.....	0	0	0	0	0	0
Costa Rica.....	1	4	0	0	0	0
Dominican Republic.....	1,765	20	10	0	0	0
Guatemala.....	20	14	5	0	0	0
Haiti.....	185	0	1	0	0	0
Jamaica.....	7	68	2	60	20	40
Mexico.....	30	23	6	290	0	335
Netherlands Antilles.....	16	12	7	3	0	0
Panama.....	270	398	198	0	0	0
Other.....	1,215	1,232	952	39	13	10
<b>Total.....</b>	<b>11,921</b>	<b>9,286</b>	<b>16,644</b>	<b>3,141</b>	<b>2,461</b>	<b>2,830</b>
<b>South America:</b>						
Brazil.....	1	24	3	0	44	0
Colombia.....	0	23	1	0	0	0
Ecuador.....	922	287	230	0	0	0
Peru.....	0	0	3	0	0	0
Surinam.....	0	0	0	0	0	0
Venezuela.....	30,872	34,889	70,414	0	0	0
Other.....	0	6	8	0	0	56
<b>Total.....</b>	<b>31,795</b>	<b>35,229</b>	<b>70,659</b>	<b>0</b>	<b>44</b>	<b>56</b>
<b>Europe:</b>						
Austria.....	0	0	0	0	0	0
Belgium and Luxembourg.....	25	11	6	0	0	0
Denmark.....	3	2	1	0	0	0
France.....	8	17	24	308	0	0
Germany, West.....	0	385	15,319	134	143	76
Poland.....	0	0	0	0	0	0
Ireland.....	0	0	0	0	0	0
Italy.....	18	6	17	8	89	0
Netherlands.....	621	478	10,201	0	0	0
Norway.....	0	0	0	3,525	0	0
Sweden.....	1,279	182	7,456	0	0	0
Switzerland.....	0	1	4	9	0	0
United Kingdom.....	1,332	78	54	0	0	0
Yugoslavia.....	0	0	0	0	18	21
Other.....	66	33	6	112	0	0
<b>Total.....</b>	<b>3,352</b>	<b>1,193</b>	<b>33,088</b>	<b>4,096</b>	<b>250</b>	<b>97</b>
<b>Africa:</b>						
Morocco.....	32	0	0	0	0	0
United Arab Republic.....	25,508	0	17,158	0	55	0
Other.....	104	8	17	0	0	0
<b>Total.....</b>	<b>25,644</b>	<b>8</b>	<b>17,175</b>	<b>0</b>	<b>55</b>	<b>0</b>
<b>Asia:</b>						
Hong Kong.....	268	293	73	18	36	18
India.....	0	0	0	0	0	0
Indochina.....	47	0	12	0	0	0
Iran.....	190	11	7	0	0	0
Israel.....	40	0	18	0	0	0
Japan.....	1,049	1,843	316	0	11	11,975
Korea, Republic of.....	66	68	127	0	0	0
Nansei and Nanpo Islands.....	407	149	144	0	0	0
Pakistan.....	0	10	0	0	0	0
Philippines.....	153	133	122	0	0	0
Saudi Arabia.....	280	233	49	0	20	24
Turkey.....	0	0	185	0	0	0
Other.....	892	334	301	8	23	28
<b>Total.....</b>	<b>3,392</b>	<b>3,074</b>	<b>1,354</b>	<b>26</b>	<b>90</b>	<b>12,045</b>
<b>Oceania.....</b>	<b>280</b>	<b>169</b>	<b>213</b>	<b>4</b>	<b>0</b>	<b>0</b>
<b>Grand total.....</b>	<b>76,384</b>	<b>48,959</b>	<b>139,133</b>	<b>7,267</b>	<b>2,900</b>	<b>15,028</b>

<sup>1</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Census Bureau.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 167.—Cottonseed oil, meal, and linters: Average price at specified points, 1959-68

Year beginning August	Oil, per pound		Meal, per ton <sup>3</sup>	Linters <sup>4</sup>	Year beginning August	Oil, per pound		Meal, per ton <sup>3</sup>	Linters <sup>4</sup>
	Crude <sup>1</sup>	Refined <sup>2</sup>				Crude <sup>1</sup>	Refined <sup>2</sup>		
	Cents	Cents	Dollars	Cents		Cents	Cents	Dollars	Cents
1959.....	10.03	11.86	55.65	3.85	1964.....	11.60	12.99	59.90	3.90
1960.....	11.79	13.64	55.10	4.10	1965.....	13.00	14.58	68.80	4.20
1961.....	12.50	14.09	59.25	5.25	1966.....	13.00	14.68	77.50	6.60
1962.....	10.50	12.51	65.60	3.85	1967.....	12.80	14.14	77.40	5.60
1963.....	10.00	11.58	63.35	3.50	1968.....	11.60	12.96	65.20	4.60

<sup>1</sup> In tank, f.o.b. southeastern mills.

<sup>2</sup> Nearby futures. Prime summer yellow, bleachable, tank-car deliveries, New York.

<sup>3</sup> On basis of 41 percent protein, bulk, carlots, Memphis.

<sup>4</sup> Weighted average price of linters per pound.

Economic Research Service. Compiled from the Oil, Paint, and Drug Reporter; and reports of the U.S. Labor and Agriculture Departments. Data for 1944-58 in *Agricultural Statistics, 1967*, table 169.

Table 168.—Flaxseed: Acreage, yield, production, value, and foreign trade, United States, 1954-69

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>1</sup>	Farm value	Average price per bushel of No. 1 flaxseed at Minneapolis, year beginning August <sup>2</sup>	Foreign trade, including linseed oil in terms of seed, year beginning July <sup>3</sup>	
								Domes- tic ex- ports	Imports for con- sumption
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels
1954.....		<i>5,179</i>	<i>6.9</i>	<i>35,495</i>					
1954.....	5,947	5,663	7.3	41,274	3.05	125,937	3.39	24,378	( <sup>4</sup> )
1955.....	5,148	4,914	8.2	40,415	2.90	117,349	3.19	17,463	1
1956.....	5,786	5,473	8.6	47,037	2.99	140,846	3.26	6,373	1
1957.....	5,481	4,793	5.2	25,113	2.94	73,744	3.30	13,481	4
1958.....	3,862	3,679	10.2	37,409	2.69	100,582	3.01	6,414	( <sup>4</sup> )
1959.....		<i>2,848</i>	<i>6.9</i>	<i>19,597</i>					
1959.....	3,268	2,932	7.2	21,237	3.00	63,795	3.38	11,129	( <sup>4</sup> )
1960.....	3,437	3,342	9.1	30,402	2.65	80,533	3.02	8,145	( <sup>4</sup> )
1961.....	2,975	2,514	8.8	22,178	3.26	72,405	3.57	1,584	2
1962.....	3,102	2,808	11.5	32,230	2.83	91,252	3.05	4,765	2
1963.....	3,379	3,172	9.8	31,041	2.76	85,702	3.01	4,288	1
1964.....		<i>2,651</i>	<i>8.2</i>	<i>27,739</i>					
1964.....	2,965	2,825	8.6	24,401	2.82	68,901	3.09	7,517	2
1965.....	2,868	2,775	12.8	35,402	2.80	99,168	3.06	9,373	2
1966.....	2,679	2,576	9.1	23,390	2.89	67,620	3.19	13,332	1
1967.....	2,061	1,975	10.1	20,086	2.95	59,099	3.20	7,576	3
1968.....	2,183	2,098	12.9	27,067	2.81	75,930	3.08	13,472	( <sup>4</sup> )
1969 <sup>5</sup> .....	2,762	2,704	13.5	36,448	2.63	95,999			

<sup>1</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup> Prices are averages of daily prices weighted by carlot sales, compiled from Minneapolis Daily Market Record.

<sup>3</sup> Compiled from reports of the U.S. Department of Commerce. Linseed oil converted to flaxseed equivalent on the basis of oil yield per bushel of flaxseed crushed.

<sup>4</sup> Less than 500 bushels.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 170.



Table 169.—Flaxseed: Acreage, yield, and production in specified countries and the world, average 1960–64, annual 1968 and 1969 <sup>1</sup>

Continent and country	Harvested acreage			Yield per acre			Production		
	Average 1960–64	1968	1969 <sup>2</sup>	Average 1960–64	1968	1969 <sup>2</sup>	Average 1960–64	1968	1969 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:									
Canada .....	1,940	1,524	2,441	9.7	12.9	12.6	18,907	19,666	30,748
United States .....	2,932	2,098	2,704	9.6	12.9	13.5	28,050	27,067	36,448
Mexico .....	57	28	30	12.5	13.9	13.3	715	394	394
Total .....	4,929	3,650	5,175	9.7	12.9	13.1	47,672	47,127	67,590
South America:									
Argentina .....	2,839	2,000	1,947	10.6	10.0	11.7	29,956	20,078	22,833
Brazil <sup>3</sup> .....	132	110		10.5	10.1		1,384	1,111	
Chile <sup>3</sup> .....	11	2	2	13.7	11.9	12.2	155	30	26
Uruguay <sup>3</sup> .....	329	202	287	9.1	11.0	11.1	2,996	2,223	3,198
Total <sup>4</sup> .....	3,311	2,314	2,346	10.4	10.1	11.6	34,491	23,442	27,177
Europe:									
Belgium <sup>5</sup> .....	80	36	38	10.1	9.9	10.5	809	357	405
Denmark .....	2	( <sup>6</sup> )	( <sup>6</sup> )	15.5	13.6		36	5	5
France <sup>7</sup> .....	154	105	100	12.4	9.3	9.5	1,899	975	945
Italy <sup>5</sup> .....	16	3	3	12.6	14.4	14.0	202	48	43
Netherlands <sup>5</sup> .....	63	26	22	15.8	15.5	11.8	1,000	398	260
Spain <sup>5</sup> .....	18			9.9			177		
Sweden .....	2			17.2			41		
Other .....	2	2	2	4.5	2.0	2.0	9	4	4
Total Western Europe <sup>8</sup> .....	337	185	178	12.4	10.2	9.9	4,173	1,887	1,762
Czechoslovakia <sup>5</sup> .....	125	91		4.7	6.0		591	551	
Germany, East <sup>5</sup> .....	54	27	27	5.6	7.0	8.7	302	186	235
Hungary .....	17	33	32	10.7	8.9	8.0	176	398	435
Poland .....	286	238	297	8.2	8.9	8.0	2,348	2,559	2,360
Romania .....	84	164	161	7.1	7.2	9.9	598	1,190	1,585
Other .....	1			13.0			13		
Total Eastern Europe <sup>8</sup> .....	567	603	612	7.1	8.1	8.4	4,028	4,884	5,170
Total Europe <sup>8</sup> .....	904	788	790	9.1	8.6	8.8	8,201	6,771	6,932
U.S.S.R. (Europe and Asia) <sup>5</sup> .....	4,690	3,914	3,914	4.0	5.3	5.5	18,700	20,668	21,650
Africa:									
Ethiopia <sup>9</sup> .....	255			7.9			2,000		
Morocco .....	28	15	15	7.0	13.3	10.6	197	197	157
Tunisia .....	16			4.3			68	96	
United Arab Republic <sup>5</sup> .....	28	37		15.7	15.9		447	591	
Total <sup>4</sup> .....	327	339	342	8.3	9.6	9.4	2,712	3,246	3,214
Asia:									
Iran .....	17	12	15	15.9	15.9	15.9	276	197	236
Iraq .....	27	37		8.9	12.7		236	472	
Turkey (Europe and Asia) <sup>5</sup> .....	75	40	40	10.0	12.4	12.4	746	492	492
India <sup>5</sup> .....	4,767	4,390	4,219	3.5	3.9	3.3	16,683	17,243	13,858
Japan <sup>5</sup> .....	25	1		4.9	6.4		124	8	
Pakistan <sup>9</sup> .....	70	55	53	7.7	8.2	7.9	536	446	418
Other .....	1	( <sup>6</sup> )	( <sup>6</sup> )	7.0			7	3	3
Total <sup>8</sup> .....	4,982	4,535	4,364	3.7	4.2	3.5	18,608	18,861	15,479
Oceania:									
Australia <sup>9</sup> .....	101	71	<sup>3</sup> 128	10.1	11.0	11.6	1,024	780	1,480
New Zealand .....	18			20.2			360		
Total <sup>4</sup> .....	119	87	144	11.6	12.6	12.5	1,384	1,100	1,800
World total <sup>8</sup> .....	19,262	15,627	17,075	6.8	7.8	8.4	131,768	121,215	143,842

See footnotes on page 120.

Table 170.—Flaxseed: Acreage, production, and season average price per bushel received by farmers, by States, 1967–69

State	Acreage planted <sup>1</sup>			Acreage harvested			Production			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	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
Minnesota.....	300	372	435	291	329	418	3,783	4,606	6,270	3.01	2.86	2.70
Iowa.....	2	2	1	2	2	2	40	38	19	2.95	2.84	2.75
North Dakota.....	1,202	1,190	1,547	1,144	1,155	1,513	9,381	13,860	19,064	2.90	2.78	2.60
South Dakota.....	515	551	656	507	548	652	6,591	7,672	9,454	2.99	2.82	2.65
Texas.....	35	58	102	25	55	100	150	742	1,300	2.69	2.75	2.65
Montana.....	6	8	18	5	7	17	40	77	221	2.63	2.53	2.50
California.....	1	2	3	1	2	3	51	72	120	3.39	3.45	3.35
United States....	2,061	2,183	2,762	1,975	2,098	2,704	20,036	27,067	36,448	2.95	2.81	2.63

<sup>1</sup> Includes acreage planted in preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 171.—Flaxseed: Production, seed used, and farm disposition, by States, crop of 1969 (preliminary)

State	Production	Total used for seed	Disposition on farms where grown		State	Production	Total used for seed	Disposition on farms where grown	
			Used for seed	Sold from farms				Used for seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Minnesota.....	6,270	406	240	6,030	Montana.....	221	11	4	217
Iowa.....	19	1	1	18	California.....	120	2	.....	120
North Dakota.....	19,064	1,106	664	18,400	United States.....	36,448	2,177	1,297	35,151
South Dakota.....	9,454	603	374	9,080					
Texas.....	1,300	48	14	1,286					

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 169

<sup>1</sup> 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 1969 is combined with the Southern Hemisphere harvest which began late in 1969 and ended early in 1970. Estimates do not include China where annual production probably varies from 1 to 2 million bushels.

<sup>2</sup> Preliminary.

<sup>3</sup> Seeded area.

<sup>4</sup> Includes estimates for the above countries for which data are not available.

<sup>5</sup> Includes fiber flax area and seed production.

<sup>6</sup> Less than 500 acres.

<sup>7</sup> Acreage includes that harvested for seed and that portion of fiber acreage which is harvested for seed as well as fiber. Production includes seed from fiber flax.

<sup>8</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

<sup>9</sup> Flaxseed from acreage grown for seed only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 172.—Flaxseed: Supply and disappearance, United States, 1959-69

Year beginning July	Supply				Disappearance					
	Stocks, July 1	Production	Imports	Total	Total used for seed	Farm disposition		Exports	Crushings <sup>2</sup>	Total domestic disappearance <sup>3</sup>
						Used for seed on farms where grown <sup>1</sup>	Sold			
	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
1959	14,615	21,237	( <sup>4</sup> ) 0	35,852	2,398	1,390	19,847	8,326	23,218	24,564
1960	2,962	30,402		33,364	2,082	1,278	29,134	6,963	19,953	21,105
1961	5,296	22,178	( <sup>4</sup> )	27,474	2,195	1,272	20,906	1,502	19,046	22,364
1962	3,608	32,230	( <sup>4</sup> )	35,838	2,383	1,379	30,851	4,335	21,010	23,115
1963	8,388	31,041	0	39,429	2,084	1,296	29,745	3,576	19,447	22,737
1964	13,116	24,401	0	37,518	2,023	1,232	23,169	6,524	20,775	20,067
1965	10,927	35,402	0	46,329	1,929	1,183	34,219	5,270	22,714	25,741
1966	15,318	23,390	( <sup>4</sup> )	38,708	1,480	944	22,446	7,465	19,657	21,990
1967	9,254	20,036	( <sup>4</sup> )	29,290	1,576	930	19,106	5,044	15,918	17,278
1968	6,968	27,067	( <sup>4</sup> )	34,035	1,958	1,122	25,945	9,736	14,400	14,500
1969 <sup>5</sup>	9,799	36,448	( <sup>4</sup> )	46,247	2,177	1,297	35,151			

<sup>1</sup> Included in total used for seed.

<sup>2</sup> From domestic and imported seed.

<sup>3</sup> Total supply minus exports and stocks July 1 of following year.

<sup>4</sup> Less than 500 bushels.

<sup>5</sup> Preliminary.

Economic Research Service and Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-58 in *Agricultural Statistics, 1967*, table 174.

Table 173.—Flaxseed: Stocks on and off farms, United States, 1960-69

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960	12,553	9,261	5,273	1,410	13,555	12,148	10,041	3,886
1961	8,589	6,859	4,379	1,328	9,317	8,884	4,978	2,280
1962	15,165	11,407	7,492	1,587	11,811	13,037	11,335	6,801
1963	12,618	10,443	7,697	1,443	23,070	19,160	16,509	11,673
1964	12,720	8,571	6,540	2,467	18,400	14,645	10,994	8,460
1965	20,487	13,953	10,809	3,448	14,879	18,812	15,828	11,870
1966	9,838	7,508	5,523	1,399	18,856	14,300	13,369	7,855
1967	8,796	6,785	4,324	1,304	14,549	11,424	9,027	5,664
1968	14,796	9,065	5,994	2,093	12,442	12,449	9,945	7,706
1969 <sup>3</sup>	19,135	13,539	10,876		20,918	18,693	17,757	

<sup>1</sup> Old crop only.

<sup>2</sup> Stocks at mills, elevators, and warehouses, at processing plants, and at terminals.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1947-59 in *Agricultural Statistics, 1967*, table 175.

Table 174.—Linseed oil and meal: Average price, New York and Minneapolis, 1960-69

Year beginning July	Oil, per pound		Meal, per ton		Year beginning July	Oil, per pound		Meal, per ton	
	New York <sup>1</sup>	Minneapolis <sup>1</sup>	New York <sup>2</sup>	Minneapolis <sup>3</sup>		New York <sup>1</sup>	Minneapolis <sup>1</sup>	New York <sup>2</sup>	Minneapolis <sup>3</sup>
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1960	14.0	12.9	71.35	53.35	1965	14.0	12.9	86.80	70.55
1961	16.3	15.2	80.45	62.70	1966	13.8	12.8	96.05	76.40
1962	14.1	13.0	85.60	67.50	1967	14.2	13.1	94.35	75.50
1963	14.0	13.0	79.90	61.20	1968	13.2	12.1	91.50	71.10
1964	14.7	13.7	75.10	59.10	1969 <sup>4</sup>	12.8	11.8	90.40	70.05

See footnotes on page 122.

Table 175.—Flaxseed: Price-support operations, United States, 1960–70

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
1960	2.38	62	2.65	3,136	10.3	8	1
1961	2.80	74	3.26	914	4.1	( <sup>4</sup> )	
1962	2.90	76	2.83	7,023	21.8	5,853	5,327
1963	2.90	75	2.76	12,923	41.6	11,219	10,616
1964	2.90	76	2.82	6,394	26.2	4,023	2,449
1965	2.90	75	2.80	11,303	31.9	9,430	12,382
1966	2.90	73	2.89	2,255	9.6	1,034	4,553
1967	2.90	73	2.95	2,707	13.5	1,207	2,115
1968	2.90	72	2.81	6,240	23.1	4,990	6,925
1969	2.75	64	<sup>5</sup> 2.63	<sup>5</sup> 12,051	<sup>5</sup> 33.1		
1970	2.50	58					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>3</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Less than 500 bushels.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 176.

Table 176.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and July 1 stocks of oil, United States, 1959–69

Year beginning July	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	Total	Stocks, July 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	Million pounds	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1959	7,839	6,539	5,133	3,707	23,218	97	465	( <sup>1</sup> )	55	426	2	67
1960	4,082	5,467	4,761	5,643	19,953	90	399	0	24	378	2	39
1961	5,225	5,282	4,788	3,771	19,046	94	391	0	2	358	2	16
1962	4,314	6,029	5,217	5,450	21,010	105	428	0	9	388	1	54
1963	3,476	5,389	5,068	5,514	19,447	131	394	0	14	360	1	33
1964	5,614	5,836	5,257	4,068	20,775	144	418	( <sup>1</sup> )	20	381	1	80
1965	5,036	5,861	5,792	6,025	22,714	198	463	( <sup>1</sup> )	84	398	1	115
1966	4,807	5,539	4,593	4,718	19,657	241	405	( <sup>1</sup> )	121	363	6	111
1967	3,650	4,811	4,046	3,411	15,918	196	331		53	293	( <sup>1</sup> )	92
1968 <sup>2</sup>	3,119	4,432	3,714	3,135	14,400	201	300		77	262	1	86
1969 <sup>2</sup>	3,364	3,882				131	300		25			

<sup>1</sup> Less than 500,000 pounds.

<sup>2</sup> Preliminary.

Economic Research Service. Data from the U.S. Department of Commerce. Data for 1944-58 in *Agricultural Statistics, 1967*, table 178.

## FOOTNOTES FOR TABLE 174

<sup>1</sup> Raw oil in tank cars.

<sup>2</sup> Bulk, carlots, 34 percent protein.

<sup>3</sup> Bulk, carlots, 32 to 37 percent protein.

<sup>4</sup> Preliminary.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 177.

Table 177.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, years beginning July 1, 1966–68

Continent and country of destination	Flaxseed			Linseed oil <sup>2</sup>			Linseed cake and meal		
	1966	1967	1968 <sup>1</sup>	1966	1967	1968 <sup>1</sup>	1966	1967	1968 <sup>1</sup>
North America:	<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>Tons</i>	<i>Tons</i>	<i>Tons</i>
Canada	490	683	1,085	636	469	804	59	63	50
Mexico	1	0	6	308	229	5,940	6	0	0
Panama	( <sup>3</sup> )	0	0	9	8	3	0	0	0
Trinidad	0	0	0	0	0	0	0	0	0
Other	0	0	0	20	32	31	23	5	6
Total	491	683	1,091	973	738	6,778	88	68	56
South America:									
Colombia	0	0	0	68	4	0	0	0	0
Ecuador	0	0	0	7	0	0	0	0	0
Peru	0	0	0	19	15	26	0	9	0
Venezuela	0	0	0	446	248	318	0	0	8
Other	0	0	0	21	22	15	0	0	0
Total	0	0	0	561	289	359	0	9	8
Europe:									
Belgium and Luxembourg	942	516	809	22	2	2	680	0	0
Denmark	0	0	41	2	0	0	386	0	0
France	0	26	109	13	6	13	3,483	4,935	2,628
Germany, West	2,188	1,257	4,313	9	95	212	38,324	30,550	4,007
Italy	0	0	0	35	146	941	22	0	0
Netherlands	3,791	2,350	2,430	92,519	42,569	56,677	32,527	20,638	76,372
Poland	0	0	0	0	0	0	6,039	7,456	0
Spain	0	0	505	0	0	0	0	0	0
Sweden	0	0	0	13	25	15	0	0	0
Switzerland	53	212	85	0	0	0	5,394	1,907	860
United Kingdom	0	0	0	24,635	7,822	8,640	23,662	26,598	0
Other	0	0	354	0	0	0	0	0	1,513
Total	6,974	4,361	8,646	117,248	50,665	66,500	110,517	92,084	85,380
Africa	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	1,904	32	2,322	0	0	0
Asia:									
Japan	0	0	0	16	35	28	0	9	54
Korea, Republic of	0	0	0	0	0	0	0	0	0
Philippines	0	0	0	55	114	106	0	0	0
Other	( <sup>3</sup> )	0	0	25	36	208	0	0	0
Total	( <sup>3</sup> )	0	0	96	185	342	0	9	54
Oceania:									
Australia	0	0	0	73	255	663	0	0	0
Other	0	0	0	3	5	2	13	0	0
Total	0	0	0	76	260	665	13	0	0
Grand total	7,465	5,044	9,737	120,858	52,169	76,966	110,618	92,170	85,498

<sup>1</sup> Preliminary.

<sup>2</sup> Crude and refined combined as such.

<sup>3</sup> Less than 500 bushels.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 178.—Peanuts: Acreage, yield, production, season average price per pound received by farmers, value, and foreign trade, United States, 1954–69**

Crop of—	Acreage grown alone for all purposes	Acreage not harvested for nuts <sup>1</sup>	Peanuts harvested for nuts <sup>2</sup>					Foreign trade, year beginning July <sup>4</sup>	
			Acreage harvested	Yield per acre	Production	Price <sup>3</sup>	Farm value	Exports	Imports for consumption
	1,000 acres	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds
1954	1,824	494	1,387	727	1,008,495	12.2	122,792	11,846	126,618
1955	1,882	244	1,669	928	1,548,326	11.7	181,985	2,251	65,730
1956	1,834	478	1,384	1,161	1,607,462	11.2	179,922	100,978	5,900
1957	1,746	296	1,481	969	1,435,549	10.4	148,855	62,700	2,680
1958	1,702	210	1,516	1,197	1,814,242	10.6	192,979	61,374	2,247
1959	1,576	163	1,435	1,061	1,523,218	9.56	145,842	84,830	613
1960	1,526	151	1,395	1,232	1,718,011	10.0	171,991	84,602	66
1961	1,524	140	1,398	1,185	1,657,099	10.9	181,543	40,593	2,567
1962	1,507	120	1,400	1,228	1,719,320	11.0	189,314	42,142	2,496
1963	1,498	115	1,396	1,391	1,942,088	11.2	217,788	101,434	2,132
1964	1,487	90	1,397	1,502	2,099,144	11.2	235,006	190,672	2,261
1965	1,517	82	1,435	1,661	2,383,971	11.4	272,248	281,487	1,344
1966	1,488	70	1,418	1,700	2,410,391	11.3	217,702	245,580	2,428
1967	1,472	71	1,402	1,765	2,473,385	11.4	282,661	225,041	2,563
1968	1,493	57	1,436	1,771	2,542,841	11.9	302,258	124,231	2,114
1969 <sup>5</sup>	1,504	56	1,448	1,743	2,523,399	12.2	308,934	.....	.....

<sup>1</sup> Mostly hogged.<sup>2</sup> For data on peanut-vine hay, see table 391.<sup>3</sup> Obtained by weighting State prices by quantity sold.<sup>4</sup> Compiled from reports of the U.S. Department of Commerce. Trade data are on the basis of "in the shell," converted at ratio of 1 to 1.55.<sup>5</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 180.**Table 179.—Peanuts, farmers' stock: Price-support operations, United States, 1960–70**

Year beginning August	Support price		Season average price per pound received by farmers	Put under support <sup>2,3</sup>		Owned by CCC July 31 <sup>3</sup>
	Per pound	Percentage of parity <sup>1</sup>		Quantity	Percentage of production	
	Cents	Percent	Cents	Million pounds	Percent	Million pounds
1960	10.062	79	10.0	352	20.5	103
1961	11.05	86	10.9	245	14.8	70
1962	11.07	82	11.0	360	20.9	105
1963	11.2	80	11.2	451	23.2	106
1964	11.2	79	11.2	645	30.7	64
1965	11.2	77	11.4	733	30.7	88
1966	11.35	77	11.3	814	33.8	114
1967	11.35	75	11.4	685	27.7	( <sup>4</sup> )
1968	12.012	78	11.9	699	36.4	2
1969	12.375	76	<sup>5</sup> 12.2	<sup>5</sup> 626	<sup>5</sup> 20.2	.....
1970	12.750	75	.....	.....	.....	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made and direct purchases.<sup>3</sup> Includes shelled peanuts converted to farmers' stock basis.<sup>4</sup> Less than 50,000 pounds.<sup>5</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 189.

Table 180.—Peanuts: Acreage, yield, production, and season average price per pound received by farmers, by States, 1967-69

State and area	Acreage grown alone for all purposes			Peanuts harvested for nuts <sup>2</sup>					
				Acreage harvested			Yield per acre		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds
Virginia.....	103	103	103	102	102	102	2,505	2,320	2,325
North Carolina.....	172	170	167	167	167	164	2,080	2,075	2,060
Total (Va.-N.C. area).....	275	273	270	269	269	266	2,241	2,168	2,162
South Carolina.....	11.5	13	13.5	11	12.8	13	1,870	1,625	1,550
Georgia.....	493	513	518	478	497	502	2,040	1,880	1,885
Florida.....	79	77	77	49	51	53	1,610	1,680	1,605
Alabama.....	183	186	192	176	181	187	1,340	1,360	1,525
Mississippi.....	2.5	2	2	2.5	2	2	650	600	600
Total (S.E. area).....	769.0	791	802.5	716.5	743.8	757	1,831	1,732	1,767
Oklahoma.....	125	123	123	123	121	120	1,700	1,880	1,700
Texas.....	295	298	301	285	294	297	1,170	1,450	1,310
New Mexico.....	8.1	8.1	7.8	8	7.9	7.7	1,990	2,240	2,270
Total (S.W. area).....	428.1	429.1	431.8	416	422.9	424.7	1,342	1,588	1,438
United States.....	1,472.1	1,493.1	1,504.3	1,401.5	1,435.7	1,447.7	1,765	1,771	1,743

  

State and area	Peanuts harvested for nuts—Continued					
	Production <sup>3</sup>			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
Virginia.....	255,510	236,640	237,150	11.8	12.1	12.9
North Carolina.....	347,360	346,525	337,840	11.6	12.4	12.8
Total (Va.-N.C. area).....	602,870	583,165	574,990	11.7	12.3	12.8
South Carolina.....	20,570	20,800	20,150	12.1	12.5	12.5
Georgia.....	975,120	934,360	946,270	11.5	11.8	12.2
Florida.....	78,890	85,680	85,065	11.2	11.4	12.0
Alabama.....	235,840	246,160	285,175	11.2	11.7	11.7
Mississippi.....	1,625	1,200	1,200	22.0	22.0	22.0
Total (S.E. area).....	1,312,045	1,288,200	1,337,860	11.4	11.8	12.1
Oklahoma.....	209,100	227,480	204,000	10.7	11.7	12.2
Texas.....	333,450	426,300	389,070	11.2	11.7	11.8
New Mexico.....	15,920	17,696	17,479	14.2	14.0	14.3
Total (S.W. area).....	558,470	671,476	610,549	11.1	11.8	12.0
United States.....	2,473,385	2,542,841	2,523,399	11.4	11.9	12.2

<sup>1</sup> Preliminary.<sup>2</sup> For data on peanut-vine hay, see table 391.<sup>3</sup> Net weight basis.

Statistical Reporting Service.

Table 181.—Peanuts: <sup>1</sup> Acreage and production in specified countries and the world, average 1960-64, annual 1968 and 1969

Continent and country	Harvested acreage <sup>2</sup>			Production		
	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons
North America:						
United States .....	1,397	1,436	1,448	914	1,271	1,262
Mexico .....	184	96	106	99	52	61
Cuba .....	40	37	.....	15	17	.....
Dominican Republic .....	<sup>4</sup> 124	126	<sup>5</sup> 171	56	52	68
Other .....	24	26	28	5	7	.....
Total <sup>6</sup> .....	1,769	1,721	1,790	1,089	1,399	1,431
South America:						
Argentina .....	627	710	606	342	312	239
Brazil <sup>5</sup> .....	1,016	1,498	.....	598	831	745
Paraguay .....	57	57	.....	23	19	.....
Uruguay .....	22	6	8	7	1	3
Other .....	45	58	62	26	25	28
Total <sup>6</sup> .....	1,767	2,329	2,434	996	1,188	1,035
Europe:						
Total (including U.S.S.R.) .....	39	32	31	30	23	23
Africa:						
Sudan .....	677	810	895	251	276	.....
United Arab Republic .....	48	52	.....	44	36	.....
Angola .....	104	.....	.....	30	.....	.....
Cameroon .....	301	.....	.....	123	143	.....
Chad .....	440	.....	.....	150	.....	.....
Congo (Brazzaville) .....	74	.....	.....	12	.....	.....
Central African Republic .....	213	.....	.....	59	.....	.....
Ghana .....	<sup>4</sup> 150	.....	.....	50	.....	.....
Congo (Kinshasa) .....	545	.....	.....	146	.....	.....
Dahomey .....	<sup>4</sup> 182	.....	.....	26	.....	.....
Gambia .....	328	.....	.....	90	<sup>7</sup> 105	<sup>7</sup> 135
Guinea .....	<sup>4</sup> 85	.....	.....	25	.....	.....
Ivory Coast .....	128	.....	.....	31	37	.....
Malagasy Republic .....	95	99	.....	34	39	.....
Mali .....	434	.....	519	171	110	132
Mozambique <sup>7</sup> .....	96	.....	.....	49	110	120
Niger .....	796	.....	.....	201	290	.....
Nigeria .....	3,000	3,000	3,000	1,445	1,515	1,655
Portuguese Guinea .....	<sup>4</sup> 222	.....	.....	71	.....	.....
Malawi .....	<sup>4</sup> 457	.....	.....	155	144	105
Rhodesia .....	<sup>4</sup> 379	.....	.....	132	39	134
Zambia .....	<sup>4</sup> 70	.....	83	74	29	84
Upper Volta .....	561	.....	.....	129	.....	.....
Senegal .....	2,570	2,225	2,225	1,050	850	980
Tanzania .....	<sup>4</sup> 124	770	.....	28	.....	.....
Uganda .....	561	770	.....	181	.....	.....
South Africa, Republic of <sup>8</sup> .....	719	840	846	247	247	379
Other .....	274	371	380	73	117	124
Total <sup>6</sup> .....	13,633	14,159	14,479	5,077	4,999	5,618
Asia:						
Israel .....	<sup>4</sup> 10	7	6	15	10	10
Turkey (Europe and Asia) .....	23	32	35	23	36	36
China: Mainland .....	4,135	4,695	4,900	2,065	2,425	2,645
Taiwan .....	<sup>4</sup> 240	235	.....	112	117	.....
Burma <sup>9</sup> .....	1,388	1,627	.....	414	370	.....
India .....	16,922	17,522	.....	5,673	4,934	5,732
Indonesia .....	909	988	1,112	399	408	512
Japan <sup>9</sup> .....	153	146	147	151	135	148
Pakistan <sup>9</sup> .....	58	169	.....	33	116	.....
Philippines .....	55	73	69	14	17	15
Thailand .....	224	<sup>5</sup> 249	<sup>5</sup> 252	133	149	165
Other .....	226	240	241	98	128	128
Total <sup>6</sup> .....	24,343	25,983	26,827	9,130	8,845	10,036
Oceania: Australia .....	40	60	72	21	32	15
World total <sup>6</sup> .....	41,591	44,284	45,633	16,343	16,486	18,158

See footnotes on page 127.



**Table 182.—Peanuts: Production, seed used, and farm disposition, United States, 1960-69<sup>1</sup>**

Crop of—	Production harvested for nuts	Total used for seed <sup>2</sup>	Disposition on farms where grown			
			For seed <sup>2</sup>	Fed and lost	Household use	Sold
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1960	1,718,011	102,103	32,915	2,216	7,340	1,675,540
1961	1,657,099	114,095	32,767	2,309	6,398	1,615,625
1962	1,719,320	119,976	33,871	2,201	5,837	1,677,411
1963	1,942,088	123,688	33,580	2,326	5,123	1,901,059
1964	2,099,144	130,791	33,023	2,520	4,443	2,059,158
1965	2,383,971	137,044	31,900	2,825	4,044	2,345,202
1966	2,410,391	139,777	27,339	2,675	3,463	2,376,914
1967	2,473,385	145,645	26,600	2,740	3,074	2,440,971
1968	2,542,841	153,685	22,405	2,275	2,773	2,515,388
1969 <sup>3</sup>	2,523,399	161,075	21,869	1,867	2,699	2,496,964

<sup>1</sup> Net weight basis.<sup>2</sup> Seed used for planting the crop of the following year. The difference between total seed and seed used on farms where grown represents peanuts purchased for seed and is duplicated under "Sold."<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 183.**Table 183.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1959-69**

Year beginning August	Peanuts crushed (shelled oil stock)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 <sup>1</sup>	Production of crude	Imports	Exports <sup>2</sup>	Stocks Aug. 1 <sup>3</sup>	Production
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1959	210,813	21,400	86,149	0	12,106	4,390	126,561
1960	258,009	14,100	104,439	1	11,965	9,644	153,469
1961	182,303	24,200	70,113	4,883	160	6,630	111,296
1962	214,568	18,500	86,262	728	3,389	9,356	131,067
1963	268,376	33,800	111,287	0	52,565	5,341	154,945
1964	340,672	20,500	141,327	1	86,798	11,329	192,698
1965	373,547	19,800	155,591	2	23,273	5,195	206,610
1966	418,292	51,900	172,840	4	3,536	6,360	232,796
1967	483,992	47,800	199,205	(4)	5,752	19,122	266,341
1968	491,447	34,500	205,222	(4)	25,747	9,148	275,210
1969		33,700				8,876	

<sup>1</sup> Crude plus refined.<sup>2</sup> Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting.<sup>3</sup> Holding at producing mills only.<sup>4</sup> Less than 500 pounds.Statistical Reporting Service and Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 184.

## FOOTNOTES FOR TABLE 181

<sup>1</sup> Peanuts in the shell. Southern Hemisphere peanut crop, which is harvested from April to June, is combined with that of the Northern Hemisphere harvested from September through December of the same year.<sup>2</sup> Harvested areas as far as possible.<sup>3</sup> Preliminary.<sup>4</sup> Less than 5 years.<sup>5</sup> Planted area.<sup>6</sup> Includes estimates for the above countries for which data are not available.<sup>7</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 184.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1960-69

Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>1,3</sup>	Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>1,3</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1960.....	7,204	1,718,011	1,725,215	1,577,998	1965.....	7,444	2,383,971	2,391,415	2,239,764
1961.....	11,040	1,657,099	1,668,139	1,531,270	1966.....	11,515	2,410,391	2,421,906	2,157,124
1962.....	8,161	1,719,320	1,727,481	1,595,394	1967.....	6,514	2,473,385	2,479,899	2,258,972
1963.....	13,994	1,942,088	1,956,082	1,782,550	1968.....	7,359	2,542,841	2,550,200	2,275,008
1964.....	10,652	2,099,144	2,109,796	1,971,510	1969 <sup>4</sup> .....	9,056	2,523,399	2,532,455	.....

<sup>1</sup> Beginning Aug. 1, 1966, net weight basis.<sup>2</sup> Net weight basis.<sup>3</sup> Excludes peanuts milled for seed.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 185.

Table 185.—Shelled peanuts (all grades): Supply and disposition, United States, 1959-69

Year beginning August	Supply						Disposition			
	Stocks, Aug. 1		Production		Imports	Total	Ex-ports <sup>1</sup>	Crushed	Edible use	
	Edible	Oil stock	Edible	Oil stock					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
1959.....	278,552	14,374	816,759	155,154	0	1,264,839	48,768	210,813	740,926	4.1
1960.....	255,505	8,827	885,500	179,951	73	1,329,856	57,172	258,009	794,596	4.4
1961.....	216,924	3,155	889,037	137,405	1,415	1,247,936	24,161	182,308	808,705	4.4
1962.....	231,082	1,680	894,119	181,672	570	1,309,123	28,978	214,568	826,617	4.4
1963.....	236,871	2,089	951,296	243,028	214	1,433,498	67,594	268,376	849,228	4.4
1964.....	245,571	2,729	1,098,481	259,299	501	1,606,581	122,476	340,672	913,507	4.7
1965.....	225,965	3,961	1,229,627	317,001	383	1,776,937	175,221	373,547	969,893	5.0
1966.....	249,316	8,960	1,176,829	361,026	577	1,796,708	166,316	418,292	947,326	4.8
1967.....	245,678	19,096	1,272,713	347,543	557	1,885,587	148,295	483,992	1,004,966	5.0
1968.....	219,717	28,617	1,252,042	352,057	1,526	1,853,959	79,623	491,447	1,032,697	5.2
1969.....	226,758	23,434	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Includes shipments to Puerto Rico; 1959-64 data include shipments to Virgin Islands.Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce. Data for 1944-58 in *Agricultural Statistics, 1967*, table 186.

Table 183.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1959-69

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports <sup>1</sup>	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1959.....	12,715	90,774	613	104,102	4,228	79,732	0.45
1960.....	20,142	80,094	9	100,245	399	80,229	.44
1961.....	19,617	84,624	531	104,772	369	82,349	.44
1962.....	22,054	77,600	1,455	101,109	1,860	84,287	.45
1963.....	14,982	86,731	1,801	103,514	1,981	84,164	.44
1964.....	17,369	83,050	1,485	101,904	9,143	78,243	.40
1965.....	14,518	93,837	751	109,106	4,553	90,846	.46
1966.....	13,707	92,173	1,512	107,392	964	92,850	.47
1967.....	13,578	93,328	1,708	108,614	363	92,879	.46
1968.....	15,372	103,380	871	119,623	992	103,766	.51
1969.....	14,865						

<sup>1</sup> Includes shipments to Puerto Rico; data through 1964 include shipments to Virgin Islands.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce. Data for 1944-58 in *Agricultural Statistics, 1967*, table 187.

Table 187.—Peanuts: Average f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1959-68<sup>1</sup>

Classification	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968
Virginia-North Carolina area (Virginia and North Carolina):										
Cleaned Virginias:	<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>
Jumbo.....	23½	19½	19	23½	21½	24	21½	23½	22½	24½
Fancy.....	17½	17½	17½	18½	19	18½	18½	21	19½	21½
Shelled Virginias:										
Extra large.....	23½	24½	23½	22½	24½	25½	23½	27½	26½	25½
Medium.....	19½	21½	21½	20½	21½	21½	20½	22½	24½	24½
No. 1.....	18½	18½	19½	19½	19½	19½	19½	19½	21	22½
No. 2.....	14½	15½	16½	16½	16½	18½	18½	18½	18½	19½
Southeastern area (Georgia, Alabama, and Florida):										
Shelled:										
Spanish No. 1.....	17½	17½	18½	18½	20	20½	19½	19½	20½	21½
Spanish No. 2.....	15½	15½	17½	16½						
U. S. Splits <sup>2</sup> .....					17½	18½	18½	18½	18½	18½
Runner, No. 1.....	17½	17½	18½	18½	19½	20½	19½	19½	20½	21½
Runner, No. 2.....	14½	15½	17	16½						
U. S. Splits <sup>2</sup> .....					17½	18½	18½	18½	18½	19½
Southwestern area (Texas and Oklahoma):										
Shelled:										
Spanish No. 1.....	17	17½	18½	18½	19½	20½	19½	19½	19½	21½
Spanish U. S. Splits <sup>2</sup> .....			17½	16½	17½	18½	18½	18½	18½	19½
New Mexico handpicked Valencias <sup>3</sup> .....		17	17½	16½	17½	17½	17½	18	18½	19½

<sup>1</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August in the Southeastern and the Southwestern States. Prices are for prompt shipment.

<sup>2</sup> U. S. Splits replace U. S. No. 2 due to change in marketing practices. No information available for prior years.

<sup>3</sup> No U. S. grade standards apply to Valencia peanuts.

Consumer and Marketing Service.

Table 188.—Peanuts, farmers' stock: Average price per pound to growers, 1960-69<sup>1</sup>

Crop year <sup>2</sup>	Vir- ginia type (Va.- N.C.)	South- eastern Runner	South- eastern Spanish	South- western Spanish	New Mexico Valen- cias	Crop year <sup>2</sup>	Vir- ginia type (Va.- N.C.)	South- eastern Runner	South- eastern Spanish	South- western Spanish	New Mexico Valen- cias
	Cents	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents	Cents
1960.....	11.2	9.2	10.1	10.2	10.8	1965.....	12.1	11.0	12.0	11.3	12.0
1961.....	12.1	10.7	11.5	11.7	14.3	1966.....	12.2	10.6	11.6	11.3	11.4
1962.....	12.2	10.3	11.5	10.6	12.8	1967.....	11.9	11.4	11.8	10.9	12.4
1963.....	11.5	10.9	12.0	11.3	12.3	1968.....	13.0	11.5	12.5	11.8	13.0
1964.....	12.8	11.0	12.0	11.2	12.7	1969 <sup>3,4</sup> .....	13.4	12.4	12.2	12.4	13.6

<sup>1</sup> Prices are based on average quality factors for each crop year as described in USDA peanut price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service.

<sup>2</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina section; in August in the Southeastern and in the Southwestern States.

<sup>3</sup> Principal quality factors for the 1969 crop are as follows: Virginia type—71 percent sound mature kernels and 26 percent extra large kernels; Spanish type—Southeast, 68 percent sound mature kernels and Southwest, 69 percent sound mature kernels; Runner type—66 percent sound mature kernels; Valencias—66 percent sound mature kernels.

<sup>4</sup> Preliminary.

Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 190.

Table 189.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1959-68

Type, and year beginning August	Shelled uses						Apparent disappearance (cleaned in shell) <sup>2</sup>
	Peanut butter <sup>1</sup>	Peanut butter sandwiches	Salted	Candy	Other	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Virginia:							
1959.....	55,014	5,313	134,478	43,993	2,981	241,784	
1960.....	57,702	5,010	133,105	48,037	3,948	247,802	
1961.....	41,640	5,395	133,905	44,069	3,651	228,660	
1962.....	50,343	6,191	139,038	40,794	3,640	240,006	
1963.....	51,987	6,951	141,860	40,255	4,312	245,375	
1964.....	55,221	6,253	141,283	44,870	4,200	251,827	
1965.....	69,871	7,565	150,476	51,389	5,506	284,807	
1966.....	68,663	7,970	163,676	54,861	5,371	300,541	
1967.....	48,585	7,925	168,652	58,815	5,533	289,510	
1968.....	38,415	8,548	173,447	57,444	4,940	282,794	
Runner:							
1959.....	172,285	7,738	1,327	17,491	6,989	205,830	
1960.....	219,727	9,009	2,225	17,995	6,594	255,550	
1961.....	239,742	8,542	2,260	25,097	7,748	283,389	
1962.....	226,986	9,172	2,697	27,878	9,770	276,503	
1963.....	241,020	9,580	2,930	32,601	7,582	293,713	
1964.....	241,217	9,988	4,199	29,546	7,399	292,349	
1965.....	235,617	9,925	3,965	32,093	8,668	290,268	
1966.....	210,146	9,890	5,116	41,144	7,703	273,999	
1967.....	239,313	10,335	5,087	51,096	8,449	314,280	
1968.....	212,443	9,795	6,408	62,177	9,608	300,431	
Spanish:							
1959.....	138,812	4,503	54,491	79,797	3,610	281,213	
1960.....	144,011	3,698	54,302	78,685	3,729	284,425	
1961.....	152,386	3,751	52,219	79,245	3,935	291,536	
1962.....	151,101	3,716	55,265	78,123	4,147	292,352	
1963.....	169,068	4,146	54,649	76,540	3,361	307,764	
1964.....	183,655	4,024	56,966	86,118	4,253	335,016	
1965.....	194,002	4,012	58,918	96,577	4,139	357,648	
1966.....	201,578	4,756	59,929	102,422	4,325	373,010	
1967.....	225,830	4,133	58,891	106,235	3,259	398,348	
1968.....	273,892	3,735	60,168	106,751	3,954	448,500	
All types:							
1959.....	366,111	17,554	190,296	141,286	13,580	728,827	83,347
1960.....	421,440	17,717	189,632	144,717	14,271	787,777	80,619
1961.....	433,768	17,688	188,384	148,411	15,334	803,585	81,989
1962.....	428,430	19,079	197,000	146,795	17,557	808,861	84,672
1963.....	462,075	20,677	199,439	149,406	15,255	846,852	84,344
1964.....	480,093	20,265	202,448	160,534	15,852	879,192	85,901
1965.....	499,490	21,502	213,359	180,059	18,313	932,723	94,648
1966.....	480,387	22,616	228,721	198,427	17,399	947,550	92,302
1967.....	513,728	22,393	232,630	216,146	17,241	1,002,138	91,534
1968.....	524,750	22,078	240,023	226,372	18,502	1,031,725	103,887

<sup>1</sup> Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.

<sup>2</sup> Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year. Statistical Reporting Service. Data for 1949-58 in *Agricultural Statistics, 1967*, table 191.

Table 190.—Soybeans: Acreage, yield, production, value, and foreign trade, United States, 1954-69

Year	Acreage grown alone for all purposes	Acreage grazed, plowed under, etc. <sup>1</sup>	Soybeans for beans						Foreign trade, year beginning July		
			Acreage harvested	Yield per acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Farm value	Domestic exports	Imports		
										1,000 acres	Bushels
1954	18,541	949	16,444	19.7	324,065						
1954	18,541	949	17,047	20.0	341,075	2.46	840,767	51,087		1	
1955	19,674	656	18,620	20.1	373,682	2.22	830,909	71,097		2	
1956	21,700	854	20,620	21.8	449,251	2.18	980,299	76,686	( <sup>3</sup> )		
1957	21,928	885	20,857	23.2	483,425	2.07	1,002,641	87,936		2	
1958	25,108	885	23,993	24.2	580,250	2.00	1,160,112	102,829		2	
1959			22,080	23.4	515,828						
1959	23,349	597	22,631	23.5	532,899	1.96	1,046,468	131,891		1	
1960	24,440	543	23,655	23.5	555,085	2.13	1,184,910	143,171		4	
1961	27,787	541	27,003	25.1	678,554	2.28	1,543,909	147,473	( <sup>3</sup> )		
1962	28,418	497	27,608	24.2	669,186	2.34	1,564,352	171,001	( <sup>3</sup> )		
1963	29,462	470	28,615	24.4	699,165	2.51	1,755,076	187,568		1	
1964			29,846	22.4	669,714						
1964	31,605	465	30,793	22.8	700,921	2.62	1,836,441	208,666	( <sup>3</sup> )		
1965	35,227		34,449	24.5	845,608	2.54	2,151,305	256,584	( <sup>3</sup> )		
1966	37,294		36,546	25.4	928,481	2.75	2,553,407	251,785	( <sup>3</sup> )		
1967	40,776	1,009	39,767	24.5	976,060	2.49	2,432,564	265,237	( <sup>3</sup> )		
1968	42,037	933	41,104	26.8	1,103,129	2.43	2,679,210	290,712	( <sup>3</sup> )		
1969	42,088	1,231	40,857	27.3	1,116,876	2.31	2,580,029				

<sup>1</sup> For data on soybean hay, see table 391. Beginning in 1965, estimates discontinued.

<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> Less than 500 bushels.

<sup>4</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Foreign trade from the U.S. Department of Commerce. Data for 1924-53 in *Agricultural Statistics, 1967*, table 192.

Table 191.—Soybeans: Price-support operations, United States, 1960-70

Year beginning September <sup>1</sup>	Support price		Season average price per bushel received by farmers	Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Aug. 31 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
1960	1.85	64	2.13	25,617	4.6	7	
1961	2.30	80	2.28	132,465	19.5	60,506	42,517
1962	2.25	76	2.34	68,780	10.3	1,186	1,654
1963	2.25	75	2.51	72,835	10.4	12,191	3,039
1964	2.25	74	2.62	28,573	4.1	8	9
1965	2.25	74	2.54	86,573	10.2	29	9
1966	2.50	78	2.75	153,849	16.6	<sup>5</sup> 18,055	7,340
1967	2.50	76	2.49	201,875	20.7	<sup>5</sup> 62,924	29,435
1968	2.50	74	2.43	339,691	30.8	<sup>5</sup> 135,407	171,423
1969	2.25	62	<sup>5</sup> 2.31	<sup>5</sup> 178,173	<sup>5</sup> 16.0		
1970	2.25	<sup>5</sup> 60					

<sup>1</sup> Year beginning October through 1964; CCC-owned stocks as of Sept. 30 through 1965.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>4</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 201.

Table 192.—Soybeans: Acreage, yield, production, and season average price per bushel received by farmers, by States, 1967-69

State	Grown alone for all purposes			Soybeans for beans					
				Acreage harvested			Yield per acre		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels
New York.....	4	6	5	4	6	5	23.0	22.0	21.0
New Jersey.....	40	48	49	37	45	46	26.0	24.0	23.0
Pennsylvania.....	25	25	27	22	22	25	27.0	24.0	30.0
Ohio.....	2,266	2,288	2,380	2,231	2,276	2,344	22.5	30.5	29.0
Indiana.....	2,917	3,267	3,300	2,898	3,246	3,278	24.5	32.0	32.0
Illinois.....	6,045	6,717	6,710	6,009	6,663	6,596	31.0	31.5	33.5
Michigan.....	522	480	528	509	463	514	20.0	26.0	23.0
Wisconsin.....	192	165	180	185	161	174	18.0	22.0	19.0
Minnesota.....	3,644	3,286	3,214	3,591	3,232	3,167	19.5	22.0	24.0
Iowa.....	5,361	5,576	5,464	5,246	5,561	5,283	27.5	32.0	33.0
Missouri.....	3,519	3,895	3,252	3,423	3,663	3,150	22.0	28.0	26.0
North Dakota.....	300	219	188	290	215	185	13.0	15.5	16.5
South Dakota.....	377	305	271	370	300	258	16.5	17.5	24.5
Nebraska.....	801	801	825	782	782	813	22.5	23.5	33.0
Delaware.....	846	973	866	825	957	852	22.5	25.0	23.0
Maryland.....	149	159	165	146	156	162	26.0	19.0	29.0
Virginia.....	193	214	210	187	209	205	28.5	25.0	33.0
North Carolina.....	416	399	383	383	372	361	21.5	19.0	25.0
South Carolina.....	1,264	1,163	1,058	1,117	972	933	24.5	17.5	26.0
Georgia.....	1,077	1,023	992	1,046	931	959	22.5	12.5	22.5
Florida.....	583	525	514	542	472	467	24.0	15.0	24.0
Kentucky.....	102	145	174	100	143	169	28.0	24.0	27.0
Tennessee.....	420	491	520	388	466	485	28.0	26.5	28.0
Alabama.....	1,185	1,268	1,268	1,115	1,193	1,193	25.0	21.0	24.0
Mississippi.....	512	594	683	484	557	641	27.0	22.0	23.0
Arkansas.....	2,204	2,182	2,357	2,120	2,120	2,290	23.5	27.0	22.0
Louisiana.....	4,025	4,025	4,307	3,989	3,989	4,228	23.0	22.0	20.5
Oklahoma.....	1,353	1,475	1,696	1,306	1,436	1,608	23.0	27.0	19.0
Texas.....	174	191	220	164	184	204	22.0	21.0	17.0
United States.....	40,776	42,037	42,088	39,767	41,104	40,857	24.5	26.8	27.3

State	Soybeans for beans—Continued					
	Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars	
New York.....	92	132	105	2.34	2.25	2.10
New Jersey.....	962	1,080	1,288	2.48	2.37	2.35
Pennsylvania.....	594	528	750	2.39	2.32	2.30
Ohio.....	50,198	69,418	67,976	2.52	2.40	2.30
Indiana.....	71,001	103,872	104,896	2.48	2.40	2.30
Illinois.....	186,279	209,884	220,966	2.53	2.48	2.35
Michigan.....	10,180	12,038	11,822	2.47	2.39	2.30
Wisconsin.....	3,330	3,542	3,306	2.45	2.36	2.30
Minnesota.....	70,024	71,104	76,008	2.49	2.42	2.25
Iowa.....	144,285	177,952	174,339	2.50	2.44	2.25
Missouri.....	75,306	102,564	81,900	2.47	2.40	2.30
North Dakota.....	3,770	3,332	3,052	2.40	2.33	2.20
South Dakota.....	6,105	5,250	6,321	2.44	2.37	2.20
Nebraska.....	17,595	18,377	26,829	2.44	2.38	2.20
Kansas.....	18,562	23,925	19,596	2.42	2.30	2.20
Delaware.....	3,796	2,964	4,698	2.44	2.40	2.30
Maryland.....	5,330	5,225	6,765	2.44	2.39	2.30
Virginia.....	8,234	7,068	9,025	2.44	2.44	2.35
North Carolina.....	27,366	17,010	24,258	2.47	2.44	2.35
South Carolina.....	23,535	11,638	21,578	2.51	2.47	2.35
Georgia.....	13,008	7,080	11,208	2.46	2.45	2.40
Florida.....	2,800	3,432	4,563	2.51	2.44	2.35
Kentucky.....	10,864	12,349	13,580	2.45	2.39	2.30
Tennessee.....	27,875	25,053	28,632	2.43	2.39	2.30
Alabama.....	13,068	12,254	14,743	2.50	2.42	2.30
Mississippi.....	49,820	57,240	50,380	2.52	2.45	2.40
Arkansas.....	91,747	87,758	86,674	2.49	2.45	2.40
Louisiana.....	30,038	38,772	30,552	2.50	2.44	2.35
Oklahoma.....	3,608	3,864	3,468	2.37	2.29	2.20
Texas.....	6,708	8,424	7,598	2.36	2.33	2.20
United States.....	976,060	1,103,129	1,116,876	2.49	2.43	2.31

<sup>1</sup> Preliminary. <sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

**Table 193.—Soybeans: Acreage, yield, and production in specified countries and the world, average 1960-64, annual 1968 and 1969<sup>1</sup>**

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>	Average 1960-64	1968	1969 <sup>3</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
North America:									
Canada	224	295	322	27.0	30.6	23.8	6,044	9,027	7,664
United States <sup>4</sup>	27,535	41,104	40,857	24.0	26.8	27.3	660,582	1,103,129	1,116,876
Mexico	27	334	395	26.1	29.7	24.2	699	9,921	9,553
South America:									
Argentina	21	50	70	15.9	16.2	16.8	338	808	1,168
Brazil	704	1,784	2,297	15.1	13.5	15.2	10,657	24,048	34,906
Colombia	41	116	101	23.4	27.5	27.2	964	3,197	2,756
Paraguay <sup>5</sup>	8	35	69	23.7	14.9	15.9	179	514	1,102
Europe:									
Romania	28	121	124	6.5	14.4	14.3	184	1,731	1,764
Yugoslavia	26	11		17.1	9.6		443	108	66
Other Europe (excluding U.S.S.R.)	11			10.4			114		
U.S.S.R. (Europe and Asia)	1,820	2,093	2,095	6.4	10.0	10.2	11,692	20,944	21,310
Africa:									
Nigeria <sup>6</sup>		135			1.9		638	260	300
Rhodesia <sup>7</sup>	1			8.2			12	7	10
Tanzania <sup>8</sup>	10			10.2			104	147	147
South Africa, Republic of <sup>5,7</sup>	21	33	33	5.2	6.5	9.1	110	213	298
Asia:									
Iran		20			4.7			93	121
Turkey (Europe and Asia)	14	17	20	13.3	18.1	16.7	184	312	331
China:									
Mainland	20,660	19,770	19,770	13.4	12.0	12.3	278,000	233,100	244,000
Taiwan	130	122	124	14.3	21.9	19.9	1,982	2,682	2,462
Cambodia	29	23	25	13.1	12.5	13.4	382	294	331
Indonesia	1,473	1,483	1,606	9.2	8.3	10.1	13,507	12,236	16,241
Japan <sup>9</sup>	647	302	254	19.3	20.3	19.7	12,478	6,155	4,986
Korea, Republic of	700	775		8.1	11.6		5,660	9,012	8,414
Philippines <sup>9</sup>	<sup>5</sup> 5	4	4	<sup>9</sup> 14.5	12.6	12.5	<sup>9</sup> 72	46	48
Thailand	68	<sup>5</sup> 47	<sup>5</sup> 51	15.5	<sup>5</sup> 17.0	<sup>5</sup> 21.4	1,060	808	1,102
Total, excluding Romania, "Other Europe," U.S.S.R., mainland China, North Korea, and North Vietnam <sup>10</sup>	31,896	46,786	47,268	22.5	25.3	25.6	716,779	1,183,790	1,209,690
World total <sup>10</sup>	55,477	69,780	70,280	18.3	20.8	21.2	1,014,991	1,454,223	1,486,606

<sup>1</sup> Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year. <sup>2</sup> Harvested acreage as far as possible. <sup>3</sup> Preliminary. <sup>4</sup> Acreage harvested for beans. <sup>5</sup> Planted area. <sup>6</sup> Quantities purchased by the Nigerian Marketing Boards for export. <sup>7</sup> European farms only. <sup>8</sup> Sales. <sup>9</sup> Less than 5 years. <sup>10</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 194.—Soybeans for beans: Production, seed used, and farm disposition, United States, 1960-69**

Crop of—	Production	Total used for seed	Disposition on farms where grown			Crop of—	Production	Total used for seed	Disposition on farms where grown		
			For seed	Fed to live-stock	Sold from farms				For seed	Fed to live-stock	Sold from farms
	<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>
1960	555,085	32,520	18,580	1,267	535,238	1965	845,608	42,867	21,890	866	822,852
1961	678,554	33,319	19,303	1,332	657,919	1966	928,481	47,057	23,262	957	904,262
1962	669,186	34,614	19,681	1,148	648,357	1967	976,060	47,840	22,641	948	952,471
1963	639,165	36,011	20,117	898	678,150	1968	1,103,129	47,653	21,671	846	1,080,612
1964	700,921	40,285	21,219	853	678,849	1969 <sup>1</sup>	1,116,876	48,753	22,114	940	1,093,822

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 195.

Table 195.—Soybeans for beans: Production, seed used, and farm disposition, by States, crop of 1969 (preliminary)

State	Production	Total used for seed	Disposition on farms where grown		
			For seed	Fed to livestock	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York	105	8	2	6	97
New Jersey	1,288	92	41	13	1,234
Pennsylvania	750	53	25	30	695
Ohio	67,976	3,186	1,734	136	66,056
Indiana	104,896	3,594	1,905	105	102,886
Illinois	220,966	7,455	4,249	0	216,717
Michigan	11,822	697	432	24	11,366
Wisconsin	3,306	235	106	66	3,134
Minnesota	76,008	3,818	2,062	76	73,870
Iowa	174,339	6,623	3,047	87	171,205
Missouri	81,900	3,935	1,692	0	80,208
North Dakota	3,052	182	82	0	2,970
South Dakota	6,321	312	172	25	6,124
Nebraska	26,829	1,030	577	27	26,225
Kansas	19,596	1,020	561	39	18,996
Delaware	4,698	168	101	9	4,588
Maryland	6,765	220	121	14	6,630
Virginia	9,025	412	251	45	8,729
North Carolina	24,258	1,037	207	73	23,978
South Carolina	21,578	1,032	619	43	20,916
Georgia	11,208	529	212	45	10,951
Florida	4,563	181	27	9	4,527
Kentucky	13,580	686	254	14	13,312
Tennessee	28,652	1,552	388	29	28,215
Alabama <sup>3</sup>	14,743	852	230	15	14,498
Mississippi	50,380	2,748	1,824	0	49,556
Arkansas	86,674	4,785	1,914	0	84,760
Louisiana	30,552	1,764	83	0	30,464
Oklahoma	3,468	209	84	10	3,374
Texas	7,598	338	57	0	7,541
United States	1,116,876	48,753	22,114	940	1,093,822

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 196.—Soybeans: Stocks on and off farms, United States, 1960–70

Year	On farms				Off farms <sup>2</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960	196,648	141,710	41,758	3,404	255,677	166,645	94,155	19,814
1961	171,858	72,392	11,395	1,623	249,453	189,252	80,905	4,368
1962	257,700	164,380	40,688	13,753	262,168	191,375	111,446	43,806
1963	225,921	134,600	36,289	3,946	303,282	207,489	101,551	11,096
1964	260,421	190,607	72,598	15,144	297,510	185,825	98,216	16,767
1965	190,728	98,001	22,982	7,568	334,820	249,035	108,465	22,131
1966	284,310	149,747	19,155	4,412	334,554	225,888	114,867	31,227
1967	344,394	217,410	84,610	41,626	377,041	240,500	114,170	48,511
1968	350,634	235,811	120,586	60,699	432,333	301,182	164,442	105,618
1969	409,127	276,142	141,138	71,772	547,779	449,748	314,153	252,637
1970 <sup>3</sup>	367,594	207,092			683,425	522,728		

<sup>1</sup> Old crop only. Beginning 1965, estimates are for Sept. 1.

<sup>2</sup> Stocks at mills, elevators, and warehouses, at processing plants, commercial stocks at terminals, and those owned by Commodity Credit Corporation which are in transit to ports or stored in their own bins.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1942-59 in *Agricultural Statistics, 1967*, table 197.



Table 197.—Soybeans: Supply and disappearance, United States, 1959-69

Year <sup>1</sup>	Supply						
	Stocks by position					Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>2</sup>	Crushing plants <sup>3</sup>	Total		
1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1959.....	17,072	39,922	873	4,217	62,084	532,899	594,983
1960.....	3,404	13,590	843	5,381	23,218	555,085	578,303
1961.....	1,626	4,368	0	0	5,994	678,554	684,548
1962.....	13,759	43,547	259	0	57,565	669,186	726,751
1963.....	3,959	11,085	11	0	15,055	699,165	714,220
1964.....	15,171	16,745	22	0	31,938	700,921	732,859
1965.....	7,568	22,131	0	0	29,699	845,608	875,307
1966.....	4,412	31,227	0	0	35,639	928,481	964,120
1967.....	41,626	48,511	0	0	90,137	976,060	1,066,197
1968 <sup>4</sup> .....	60,699	105,589	29	0	166,317	1,103,129	1,269,446
1969 <sup>4</sup> .....	71,772	252,137	0	0	324,409	1,116,876	1,441,285

  

Year <sup>1</sup>	Disappearance				
	Seed	Crushed <sup>5</sup>	Feed and residual	Net exports <sup>6</sup>	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1959.....	29,292	393,417	7,670	141,382	571,761
1960.....	32,520	402,217	7,173	130,064	571,974
1961.....	33,319	438,838	1,513	153,154	626,824
1962.....	34,614	474,498	22,411	180,347	711,870
1963.....	36,011	440,917	13,706	191,158	681,792
1964.....	40,285	473,074	16,248	205,879	735,486
1965.....	42,867	537,477	8,733	250,591	839,668
1966.....	47,057	559,403	5,932	261,591	873,983
1967.....	47,840	576,390	9,073	266,577	899,830
1968 <sup>4</sup> .....	49,409	605,920	5,421	296,776	947,526

<sup>1</sup> Marketing year October-September through 1964; beginning 1965, September-August.<sup>2</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in the estimates by positions.<sup>3</sup> Included with "Terminal market, interior mill, elevator, and warehouse," beginning in 1961.<sup>4</sup> Preliminary.<sup>5</sup> Reported by the U.S. Department of Commerce.<sup>6</sup> Imports negligible.Economic Research Service. Data for 1942-58 in *Agricultural Statistics, 1967*, table 199.

Table 198.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1959-69

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal			
	Oct.-Dec.	Jan.-Mar.	Apr.-June	July-Sept.	Total	Stocks Oct. 1	Production	Exports	Stocks Oct. 1	Production	Imports <sup>1</sup>	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1959.....	105,462	99,877	97,761	90,317	393,417	298	4,338	953	58	9,152	0	649
1960.....	110,801	108,347	99,113	83,956	402,217	308	4,420	<sup>3</sup> 721	83	9,452	0	590
1961.....	113,729	116,116	109,380	99,613	438,838	677	4,790	<sup>3</sup> 1,308	78	10,342	0	1,064
1962.....	125,530	123,507	116,044	109,417	474,498	613	5,091	<sup>3</sup> 1,165	94	11,127	0	1,476
1963.....	119,137	104,343	106,671	110,766	440,917	920	4,822	<sup>3</sup> 1,106	159	10,509	0	1,478
1964.....	131,139	121,617	116,197	104,121	473,074	378	5,146	<sup>3</sup> 1,357	122	11,286	0	2,036
1965.....	141,237	144,717	138,699	117,730	542,383	297	5,800	948	106	12,901	0	2,602
1966.....	143,653	142,106	145,507	135,054	566,130	462	6,075	1,105	132	13,483	0	2,657
1967.....	152,600	148,090	140,960	130,777	572,427	596	6,032	993	138	13,660	0	2,899
1968.....	162,479	149,442	155,465	147,837	615,223	540	6,531	899	145	14,581	0	3,044
1969 <sup>4</sup> .....	186,968	.....	.....	.....	.....	415	.....	.....	157	.....	.....	.....

<sup>1</sup> Imports for consumption. <sup>2</sup> Less than 500 tons.<sup>3</sup> Includes estimates of foreign donations, not reported by the U.S. Department of Commerce.<sup>4</sup> Preliminary.Economic Research Service. Data from the U.S. Department of Commerce. Data for 1944-58 in *Agricultural Statistics, 1967*, table 198.

Table 199.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1966–68<sup>1</sup>

Continent and country of destination	Soybeans			Soybean oil <sup>2</sup>			Soybean oilseed cake and meal		
	1966	1967	1968 <sup>2</sup>	1966	1967	1968 <sup>2</sup>	1966	1967	1968 <sup>2</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons	Tons
North America:									
Barbados.....	0	0	0	3	0	10	150	448	0
Canada.....	24,201	21,736	37,856	21,743	25,075	29,049	238,399	277,828	262,857
Haiti.....	4	0	0	14,509	16,604	19,155	0	0	0
Jamaica.....	0	( <sup>4</sup> )	( <sup>4</sup> )	8,459	9,389	11,589	4,143	4,219	7,325
Mexico.....	259	308	824	116	11,332	4,168	16,985	2,673	870
Netherlands Antilles.....	0	0	0	1,210	1,439	871	482	0	0
Panama.....	0	0	0	13,208	10,814	352	2,536	1,085	1,358
Total <sup>5</sup> .....	24,469	22,044	38,680	78,145	128,483	98,893	280,215	253,220	285,983
South America:									
Bolivia.....	1	0	0	819	514	300	0	0	0
Chile.....	0	0	0	14,108	33,237	30,513	0	0	0
Colombia.....	0	0	0	18,493	8,502	7,514	0	0	0
Ecuador.....	0	0	0	10,055	5,662	8,793	99	0	0
Peru.....	( <sup>4</sup> )	0	0	13,904	4,878	9,473	275	2	0
Surinam.....	0	0	0	26	24	13	108	50	200
Venezuela.....	1,249	1,336	1,650	4,609	2,275	2,724	105	64	88
Total <sup>5</sup> .....	1,252	1,343	1,654	93,233	77,325	71,254	984	368	319
Europe:									
Belgium and Luxembourg.....	8,812	8,698	10,237	174	15	11	221,447	240,691	166,856
Czechoslovakia.....	761	149	240	0	0	0	16,622	11,574	2,205
Denmark.....	14,843	15,516	11,797	94	0	33	109,392	66,010	18,267
France.....	2,241	551	284	233	18	50	431,484	495,417	471,844
Germany, West.....	32,657	31,966	30,515	57	234	121	458,100	508,191	636,521
Greece.....	( <sup>4</sup> )	1	0	23,427	0	0	6,275	2,095	272
Iceland.....	0	0	0	736	480	45	65	0	0
Ireland.....	0	0	0	0	0	0	22,697	31,012	43,154
Italy.....	18,041	14,788	16,428	192	133	113	192,019	190,507	231,901
Netherlands.....	35,991	36,835	40,660	46	332	309	417,919	546,921	515,845
Norway.....	5,730	4,959	4,247	4	21	0	0	0	2
Poland.....	1,714	1,256	1,381	13,766	15,645	4,332	51,225	80,633	102,994
Spain.....	27,356	29,498	31,172	6,288	1,491	0	8,089	14,974	96,082
Sweden.....	2	1	3	194	20	14	233	527	298
Switzerland.....	422	431	380	0	0	0	20,227	9,446	64,336
United Kingdom.....	3,840	3,919	4,840	9	48	1,355	86,113	81,963	38,539
Yugoslavia.....	362	0	0	114,721	0	7	159,292	113,676	143,311
Total <sup>5</sup> .....	153,692	148,568	152,731	166,548	21,897	7,484	2,282,859	2,525,988	2,639,543
Africa:									
Algeria.....	0	0	0	13,995	0	2,700	0	0	0
Morocco.....	0	0	0	11,459	54,790	28,136	0	0	0
South Africa, Republic of.....	0	0	0	918	404	131	21	27	4
United Arab Republic.....	0	0	0	58,226	0	0	832	497	1,750
Total <sup>5</sup> .....	0	0	( <sup>4</sup> )	196,964	164,483	107,277	7,491	531	1,754
Asia:									
India.....	1	4	0	228,760	195,813	327,946	1,335	2,351	553
Israel.....	9,434	9,515	6,541	32,516	49,427	34,199	66	47	28
Japan.....	60,717	73,739	69,883	38	0	1,512	2,396	16,274	19,931
Korea, Republic of.....	801	639	632	756	2,534	2,111	0	111	3,923
Pakistan.....	0	0	0	146,619	223,728	113,799	0	0	0
Philippines.....	11	0	0	10,469	3,212	64	30,399	47,679	43,844
China (Taiwan).....	10,976	10,632	16,590	12,695	4,727	0	0	0	0
Turkey.....	0	0	0	7,545	3,139	369	0	0	0
Total <sup>5</sup> .....	82,173	94,617	93,703	535,838	567,171	582,296	48,729	92,258	91,288
Oceania:									
New Zealand.....	0	0	1	33	9	72	0	0	0
Total <sup>5</sup> .....	5	5	6	5,543	7,866	2,358	36,340	27,098	25,441
Grand total.....	261,591	266,577	286,774	1,076,271	967,225	869,562	2,666,618	2,899,463	3,044,328

<sup>1</sup> For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.<sup>2</sup> Preliminary.<sup>3</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Census Bureau.<sup>4</sup> Less than 500 bushels.<sup>5</sup> Includes small quantities exported to countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 200.—Soybeans, soybean oil, and meal: Average price at specified markets, 1959-68

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 <sup>1</sup>	Crude, tanks, mid-western mills	Edible, drums, New York	44 percent protein, bulk, Decatur		No. 2 Yellow, Chicago <sup>1</sup>	Crude, tanks, mid-western mills	Edible, drums, New York	44 percent protein, bulk, Decatur
	Dollars	Cents	Cents	Dollars		Dollars	Cents	Cents	Dollars
1959.....	2.16	8.3	<sup>2</sup> 10.1	55.55	1964.....	2.82	11.4	13.2	70.20
1960.....	2.17	11.3	13.1	60.60	1965.....	2.63	11.8	13.8	81.50
1961.....	2.43	9.5	11.4	63.60	1966.....	2.92	10.1	12.1	78.80
1962.....	2.54	8.9	10.7	71.25	1967.....	2.64	8.4	10.7	76.90
1963.....	2.74	8.5	10.3	71.00	1968.....	2.56	8.3	10.2	74.10

<sup>1</sup> Prices are weighted by carlot sales.

<sup>2</sup> Beginning January 1959, quotations are price-per-pound tanks.

Economic Research Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 202.

Table 201.—Olive oil: <sup>1</sup> Production in specified countries and the world, 1966-69

Country	1966	1967	1968	1969 <sup>2</sup>	Country	1966	1967	1968	1969 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:					Africa:				
France.....	2	2	2	2	Algeria.....	16	22	17	21
Greece.....	180	194	154	150	Morocco.....	18	18	50	18
Italy.....	320	537	384	420	Tunisia.....	20	51	55	25
Portugal.....	38	81	53	63	Libya.....	5	23	6	13
Spain.....	437	258	480	358	Total.....	59	114	128	77
Yugoslavia.....	5	7	2	5	Others <sup>3</sup> .....	14	20	11	17
Total.....	982	1,079	1,075	998	World total.....	1,201	1,328	1,381	1,190
Middle East:									
Israel.....	1	3	2	2					
Jordan.....	7	18	12	18					
Syria.....	23	22	22	21					
Lebanon.....	5	12	5	7					
Turkey.....	110	60	126	50					
Total.....	146	115	167	98					

<sup>1</sup> Production in marketing year beginning Nov. 1; excludes sulfur oil.

<sup>2</sup> Preliminary.

<sup>3</sup> Largely Argentina.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 202.—Tung nuts: Production, season average price per ton received by growers, value, tung oil production, stocks, domestic disappearance, and foreign trade, United States, 1954–69**

Year	Tung nuts <sup>1</sup>			Tung oil				
	Production	Price	Farm value	Production	Stocks Dec. 31	Domestic disappearance	Imports for consumption	Exports and re-exports
	<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>
1954.....	51,050	59.40	3,032	32,647	51,468	48,365	36,478	238
1955.....	6,200	64.00	397	10,224	28,537	50,601	21,054	3,608
1956.....	103,460	53.40	5,524	13,174	20,052	51,261	31,306	1,704
1957.....	82,650	52.30	4,323	30,315	30,107	48,464	29,170	966
1958.....	146,700	53.20	7,810	30,751	47,900	40,882	28,352	426
1959.....	110,600	52.40	5,797	40,600	39,100	48,474	23,316	24,243
1960.....	42,600	62.50	2,661	29,900	30,700	39,715	23,358	21,944
1961.....	111,540	87.30	9,741	16,000	11,800	40,358	26,894	21,436
1962.....	22,800	122.00	2,786	28,000	17,400	33,529	21,219	10,090
1963.....	73,500	65.50	4,814	11,800	15,300	30,663	19,466	2,703
1964.....	123,300	61.70	7,607	24,500	35,700	31,290	29,149	1,959
1965.....	33,300	60.50	2,016	26,700	52,400	32,277	23,266	988
1966.....	32,900	57.90	4,804	14,300	63,700	32,569	30,373	802
1967.....	40,100	66.10	2,650	25,400	70,700	36,754	19,934	1,580
1968.....	17,000	67.00	1,139	5,000	60,700	37,736	16,673	1,942
1969 <sup>2</sup> .....	18,900	60.50	1,143	5,000	54,902	31,404	22,464	1,848

<sup>1</sup> Data on tung nuts in Florida, Alabama, Mississippi, and Louisiana; includes Georgia in 1954-61.<sup>2</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Data on tung oil from reports of the U.S. Department of Commerce. Data for 1939-53 in *Agricultural Statistics, 1967*, table 203.**Table 203.—Tung nuts: Production and season average price per ton received by growers, 4 principal States, 1967–69**

State	Production <sup>1</sup>			Price for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>3</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Florida.....	9,500	12,000	14,000	65.00	67.00	65.00
Alabama.....	700	( <sup>3</sup> )	900	62.00	( <sup>3</sup> )	41.00
Mississippi.....	25,300	4,100	2,000	67.00	67.00	49.00
Louisiana.....	4,600	900	2,000	64.00	67.00	49.00
United States.....	40,100	17,000	18,900	66.10	67.00	60.50

<sup>1</sup> Production and price in terms of air-dried nuts in the husk.<sup>2</sup> Preliminary.<sup>3</sup> Production too small to warrant quantitative estimate.

Statistical Reporting Service. The yield of oil from unhusked 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 202.

Table 204.—Margarine, actual weight: Supply and disposition, United States, 1954-69

Year	Supply			Disposition			
	Production	Stocks, Jan. 1	Total supply	Exports and shipments	Domestic disappearance		
					Military	Civilian	
						Total	Per capita
<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>Pounds</i>	
1954.....	1,364	22	1,386	8	5	1,346	8.5
1955.....	1,334	27	1,361	8	6	1,323	8.2
1956.....	1,370	24	1,394	9	4	1,354	8.2
1957.....	1,463	28	1,490	10	8	1,446	8.6
1958.....	1,573	26	1,599	9	3	1,549	9.0
1959.....	1,611	38	1,649	10	2	1,604	9.2
1960.....	1,695	34	1,729	10	11	1,676	9.4
1961.....	1,724	33	1,756	8	7	1,708	9.4
1962.....	1,726	33	1,759	9	2	1,709	9.3
1963.....	1,794	39	1,833	9	2	1,785	9.6
1964.....	1,857	36	1,893	9	2	1,835	9.7
1965.....	1,904	48	1,952	8	11	1,891	9.9
1966.....	2,110	42	2,152	14	46	2,038	10.5
1967.....	2,114	53	2,167	15	47	2,046	10.5
1968.....	2,141	60	2,201	10	12	2,130	10.8
1969 <sup>1</sup> .....	2,182	49	2,231	12	13	2,154	10.8

<sup>1</sup> Preliminary.Economic Research Service. Totals and per capita estimates computed from unrounded numbers. Data for 1944-53 in *Agricultural Statistics, 1967*, table 206.

Table 205.—Margarine: Fats and oils used in manufacture, United States, 1960-69

Year	Vegetable oils							Animal fats and oils		Total
	Soy-bean oil	Cotton-seed oil	Peanut oil	Corn oil	Coco-nut oil	Safflower oil	Other	Lard	Beef fats	
								<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>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	
1960.....	1,105	136	4	55	4		1	56	6	1,367
1961.....	1,062	139	3	89	3		11	72	6	1,386
1962.....	1,058	106	4	99	5	6	37	70	10	1,394
1963.....	1,049	104	4	136	4	22	36	84	11	1,451
1964.....	1,139	101	10	150	6	12	5	64	13	1,500
1965.....	1,112	114	4	161	5	10	14	100	14	1,535
1966.....	1,294	106	6	157	12	46	1	82	5	1,710
1967.....	1,249	78	5	176	15	42	4	125	10	1,703
1968.....	1,240	70	4	179	14	42	3	153	15	1,720
1969 <sup>1</sup> .....	1,334	76	3	172	15	43	3	86	12	1,744

<sup>1</sup> Preliminary.Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1944-59 in *Agricultural Statistics, 1967*, table 207.

Table 206.—Shortening: Supply and disposition, United States, 1954-69

Year	Supply			Disposition				
	Factory and warehouse stocks, Jan. 1	Production	Total supply <sup>1</sup>	Exports	Shipments to U.S. Territories <sup>2</sup>	Domestic disappearance		
						Military	Civilian	Civilian, per person
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1954.....	94	1,961	2,055	14	3	45	1,870	11.8
1955.....	120	1,975	2,095	39	3	47	1,803	11.5
1956.....	143	1,842	1,985	9	3	54	1,797	10.9
1957.....	122	1,808	1,930	13	4	37	1,756	10.4
1958.....	120	2,006	2,126	29	4	30	1,935	11.3
1959.....	127	2,252	2,380	32	5	32	2,196	12.6
1960.....	115	2,313	2,428	26	5	39	2,238	12.6
1961.....	120	2,456	2,576	<sup>3</sup> 87	5	51	2,311	12.8
1962.....	123	2,689	2,812	<sup>3</sup> 131	8	39	2,469	13.4
1963.....	165	2,684	2,749	<sup>3</sup> 61	5	39	2,525	13.5
1964.....	119	2,684	2,783	16	5	43	2,598	13.7
1965.....	121	2,792	2,913	40	5	57	2,695	14.0
1966.....	117	3,191	3,298	30	12	59	3,079	15.9
1967.....	119	3,226	3,345	28	11	58	3,108	15.9
1968.....	139	3,312	3,451	34	10	53	3,211	16.2
1969 <sup>4</sup> .....	143	3,485	3,628	23	9	54	3,404	17.0

<sup>1</sup> Includes imports, which are negligible.

<sup>2</sup> Shipments to Puerto Rico and Virgin Islands only.

<sup>3</sup> Includes estimates of foreign donations, not reported by the U.S. Department of Commerce.

<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments. Data for 1944-53 in *Agricultural Statistics, 1967*, table 208.

Table 207.—Shortening: Fats and oils used in manufacture, United States, 1960-69

Year	Vegetable oils						Animal fats and oils		Total primary and secondary fats and oils
	Cotton-seed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
1960.....	365	1,169	10	2	4	3	480	268	2,302
1961.....	356	1,160	26	3	14	22	530	348	2,459
1962.....	367	1,362	27	1	7	23	571	338	2,696
1963.....	330	1,228	19	3	3	22	594	413	2,611
1964.....	378	1,388	18	5	8	19	446	430	2,693
1965.....	403	1,471	20	3	8	19	456	388	2,768
1966.....	370	1,734	38	14	8	46	491	491	3,192
1967.....	273	1,741	40	24	12	70	576	506	3,243
1968.....	248	1,842	41	21	10	76	601	487	3,326
1969 <sup>1</sup> .....	250	2,088	48	16	13	120	477	484	3,495

<sup>1</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1944-59 in *Agricultural Statistics, 1967*, table 209.

Table 208.—Food fats and oils (including fat content of butter): Supply and disposition, United States, 1960-69<sup>1</sup>

Year	Stocks, Jan. 1	Production <sup>2</sup>	Imports	Food uses of other fats and oils <sup>3</sup>	Total supply	Exports <sup>2,4</sup>	Nonfood use	Net domestic disappearance of fats and oils for food <sup>5</sup>	
								Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1960.....	1,313	12,321	71	224	13,929	3,944	546	8,168	45.2
1961.....	1,272	12,334	84	279	13,969	3,358	531	8,299	45.2
1962.....	1,782	13,331	90	336	15,538	4,463	544	8,513	45.6
1963.....	2,018	13,681	49	307	16,054	4,319	579	8,759	46.3
1964.....	2,398	14,051	72	307	16,826	5,633	572	9,124	47.5
1965.....	1,497	14,267	49	347	16,160	5,205	621	9,294	47.8
1966.....	1,041 <sup>1</sup>	14,504	65	488	16,098	4,273	685	9,821	49.9
1967.....	1,363	14,546	78	587	16,574	4,579	635	9,794	49.2
1968.....	1,583	14,919	91	552	17,145	4,799	675	10,248	50.9
1969 <sup>6</sup> .....	1,424	15,818	62	600	17,905	5,326	625	10,479	51.6

<sup>1</sup> Includes butter (fat content), lard, and beef fats; cottonseed, peanut, soybean, corn, and olive oils; and minor oils such as sesame. Stocks and exports also include margarine, shortening, vegetable stearine, and secondary edible oils.

<sup>2</sup> Production and exports also include oil equivalent of exported soybeans, cottonseed, and peanuts for crushing abroad.

<sup>3</sup> Chiefly coconut, palm kernel, and palm oils.

<sup>4</sup> Includes shipments to U.S. Territories.

<sup>5</sup> In some years, disappearance cannot be computed from data contained in this table, as adjustments have been made because additional items have been incorporated in stock data.

<sup>6</sup> Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers. Data for 1944-59 in *Agricultural Statistics, 1967*, table 210.

Table 209.—Drying-oil industries: Fats and oils used, United States, 1960-69

Year	Linseed oil	Soybean oil	Tung oil	Fish oil	Castor oil	Oiticica oil	Other primary fats and oils	Secondary fatty materials	Tall oil	Total <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	351	172	38	49	85	15	7	31	86	833
1961.....	365	163	38	73	75	7	6	32	96	855
1962.....	374	166	32	70	92	16	9	28	104	891
1963.....	388	178	31	22	101	5	17	31	105	879
1964.....	372	188	31	41	111	10	23	24	102	902
1965.....	328	208	34	80	107	8	4	23	117	909
1966.....	310	214	33	130	89	8	1	24	114	923
1967.....	315	192	37	65	92	1	5	43	107	859
1968.....	251	193	38	122	89	11	8	47	109	868
1969 <sup>2</sup> .....	278	185	32	62	65	12	9	43	90	775

<sup>1</sup> Excludes fats and oils used in fatty acids, many of which are used in drying-oil products.

<sup>2</sup> Preliminary.

Economic Research Service. These estimates include utilization 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 Commerce and Interior Departments. Totals computed from unrounded numbers. Data for 1944-59 in *Agricultural Statistics, 1967*, table 211.

Table 210.—Total fats and oils (including fat content of butter): Supply, disposition, and utilization, United States, 1960–69

Year	Supply				Disposition	
	Production from domestic materials <sup>1</sup>	Imports and production from imported materials	Stocks, Jan. 1	Total	Exports <sup>1,2</sup>	Domestic disappearance
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	17,352	1,075	2,325	20,752	5,965	12,649
1961.....	17,611	1,145	2,138	20,894	5,194	12,898
1962.....	18,712	1,171	2,814	22,697	6,007	13,735
1963.....	19,338	1,104	3,193	23,635	6,551	13,584
1964.....	20,672	1,131	3,599	25,402	8,211	14,368
1965.....	20,532	1,189	2,721	24,442	7,481	14,538
1966.....	21,013	1,359	2,445	24,817	6,725	15,312
1967.....	21,004	1,316	2,794	25,114	7,248	15,145
1968.....	21,501	1,385	2,668	25,554	7,356	15,799
1969.....	22,432	1,410	2,405	26,247	7,613	16,413

  

Year	Utilization (not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries)									
	Food uses						Nonfood uses			
	Butter (fat content)	Lard (direct)	Shortening	Margarine	Other	Total	Soap <sup>4</sup>	Drying-oil products	Other industrial	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	1,112	1,361	2,302	1,367	2,004	8,236	892	833	2,694	4,419
1961.....	1,112	1,398	2,459	1,386	2,260	8,614	855	855	2,598	4,308
1962.....	1,131	1,320	2,696	1,394	2,534	9,075	796	876	3,147	4,819
1963.....	1,083	1,194	2,611	1,451	2,470	8,809	797	860	3,186	4,843
1964.....	1,098	1,197	2,693	1,500	2,855	9,343	803	903	3,366	5,072
1965.....	1,040	1,226	2,768	1,535	2,955	9,524	746	909	3,317	4,972
1966.....	911	1,072	3,191	1,710	2,950	9,832	731	926	3,749	5,406
1967.....	881	1,066	3,243	1,704	3,428	10,312	737	859	3,763	5,359
1968.....	957	1,108	3,326	1,720	3,481	10,592	726	868	3,760	5,354
1969.....	908	1,018	3,496	1,744	3,624	10,790	711	775	4,038	5,524

<sup>1</sup> Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.

<sup>2</sup> Includes commercial exports, voluntary or civilian relief, re-exports, and shipments to U.S. Territories.

<sup>3</sup> Includes General Services Administration stockpile of coconut oil.

<sup>4</sup> Excludes an estimate of oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."

Economic Research Service. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals computed from unrounded numbers. Data for 1944-59 in *Agricultural Statistics, 1967*, table 212.



Table 211.—Fats, oils, and oilseeds (fat or oil equivalent): World production and exports, average 1960–64, annual 1967–69

Commodity	World production <sup>1</sup>				World exports <sup>3</sup>		
	Average 1960-64	1967	1968	1969 <sup>2</sup>	Average 1960-64	1967	1968 <sup>2</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
<b>Edible vegetable oils: <sup>4</sup></b>							
Cottonseed	2,485	2,390	2,415	2,730	336	198	202
Peanut	2,857	3,300	3,505	2,955	1,021	1,214	1,287
Soybean	4,087	5,340	5,540	5,940	1,574	2,192	2,232
Sunflower	2,274	3,595	3,975	3,980	<sup>5</sup> 348	1,181	1,250
Rapeseed	1,262	1,740	1,880	1,840	120	401	438
Sesame	601	620	655	600	92	95	99
Safflower	154	275	235	185	58	61	40
Olive <sup>6</sup>	<sup>7</sup> 1,289	1,479	1,479	1,487	<sup>8</sup> 77	<sup>8</sup> 77	<sup>8</sup> 89
Corn	225	275	265	275	10	9	17
<b>Total</b>	<b>15,234</b>	<b>19,014</b>	<b>19,949</b>	<b>19,992</b>	<b>3,633</b>	<b>5,428</b>	<b>5,654</b>
<b>Palm oils: <sup>9</sup></b>							
Coconut	2,342	2,314	2,260	2,242	1,412	1,305	1,357
Palm kernel	464	380	395	430	416	307	347
Palm	1,322	1,275	1,480	1,650	608	602	736
Babassu kernel <sup>10</sup>	59	57	60	65	2	5	12
<b>Total</b>	<b>4,187</b>	<b>4,026</b>	<b>4,195</b>	<b>4,387</b>	<b>2,438</b>	<b>2,219</b>	<b>2,452</b>
<b>Industrial oils: <sup>4</sup></b>							
Linseed	1,101	1,030	865	1,035	482	477	356
Castor	319	400	395	405	195	190	255
Oiticica	16	2	39	7	13	6	9
Tung	<sup>11</sup> 133	156	134	144	47	59	44
<b>Total</b>	<b>1,569</b>	<b>1,588</b>	<b>1,433</b>	<b>1,591</b>	<b>737</b>	<b>732</b>	<b>664</b>
<b>Animals fats:</b>							
Butter (fat content)	4,350	4,835	5,180	5,100	501	580	530
Lard <sup>12</sup>	4,060	4,410	4,440	4,325	451	390	405
Tallow and grease	3,841	4,595	4,655	4,645	1,361	1,755	1,750
<b>Total</b>	<b>12,251</b>	<b>13,840</b>	<b>14,275</b>	<b>14,070</b>	<b>2,313</b>	<b>2,725</b>	<b>2,685</b>
<b>Marine oils:</b>							
Whale	356	113	100	90	356	113	100
Sperm whale	137	165	165	165	137	165	160
Fish (including liver)	685	1,190	1,230	1,125	<sup>8</sup> 347	720	759
<b>Total</b>	<b>1,178</b>	<b>1,468</b>	<b>1,495</b>	<b>1,380</b>	<b>840</b>	<b>998</b>	<b>1,019</b>
<b>Total all commodities</b>	<b>34,419</b>	<b>39,936</b>	<b>41,347</b>	<b>41,420</b>	<b>9,961</b>	<b>12,102</b>	<b>12,474</b>

<sup>1</sup> Years indicated are those in which the predominant share of the given oil or fat was produced from its related raw material.

<sup>2</sup> Preliminary.

<sup>3</sup> Exports from producing countries.

<sup>4</sup> Estimates of U.S. oil production include oil produced plus the oil equivalent of exported oilseeds; estimates for other countries are based upon the production of various oilseeds times the estimated normal proportions crushed for oil.

<sup>5</sup> Includes exports of "edible vegetable oils" from the U.S.S.R. and Romania, believed to be mainly sunflower-seed oil.

<sup>6</sup> Excludes sulfur oil.

<sup>7</sup> 1960-63 average.

<sup>8</sup> Net exports.

<sup>9</sup> Production estimated on the basis of exports and information available on consumption in the various producing areas.

<sup>10</sup> Mill production only.

<sup>11</sup> Includes revised estimate for mainland China.

<sup>12</sup> Production relates to rendered lard only in most countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 212.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1959–68

Year beginning July	Lard	Inedible animal tallow, greases, and oils <sup>1</sup>	Tallow, edible	Oilseeds and nuts				
				Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	<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>
1959	673,600	1,721,308	16,338	17,004	466,236	4,600	51,761	7,913,440
1960	490,059	1,660,256	5,946	11,118	389,917	375	54,340	8,590,249
1961	432,879	1,830,170	5,624	11,868	84,089	380	25,944	8,848,395
1962	444,276	1,664,842	4,716	22,414	242,758	1,860	25,988	10,260,086
1963	668,412	2,193,907	3,686	14,928	200,237	1,013	64,788	11,254,106
1964	442,514	2,298,427	4,952	13,792	365,358	8,773	117,354	12,519,947
1965	182,505	1,985,906	3,362	18,040	295,104	5,866	177,820	15,395,030
1966	168,940	2,149,508	6,122	10,424	418,026	852	157,889	15,107,093
1967 <sup>2</sup>	189,405	2,352,758	4,756	6,528	282,456	390	144,936	15,914,237
1968 <sup>2</sup>	208,941	2,113,330	9,704	7,562	545,196	721	79,684	17,442,706

  

Year beginning July	Vegetable oils						Oilseed cake and meal		
	Cocoa butter	Coconut oil	Cottonseed oil <sup>3</sup>	Linseed oil	Margarine	Peanut oil	Soybean oil <sup>4</sup>	Soybean	Other
	<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>Tons</i>	<i>Tons</i>
1959	141	8,885	560,870	54,949	4,326	13,051	1,039,709	638,904	228,566
1960	356	4,467	404,462	23,640	3,595	10,332	856,879	595,063	104,506
1961	111	2,114	426,492	1,684	3,024	<sup>5</sup> 11,016	1,026,345	966,134	28,163
1962	230	986	406,823	8,770	2,904	2,014	1,292,642	1,391,469	159,566
1963	112	5,576	475,351	14,382	2,995	41,150	1,032,454	1,320,040	85,389
1964	68	2,332	684,425	19,949	2,967	94,539	1,386,960	2,124,110	234,216
1965	300	4,502	389,210	83,702	3,509	21,732	1,009,898	2,524,447	283,741
1966	364	4,530	76,212	120,858	3,973	3,469	1,051,727	2,504,689	149,296
1967 <sup>2</sup>	249	5,212	50,652	52,171	5,042	6,172	1,016,808	2,856,790	154,489
1968 <sup>2</sup>	526	4,770	113,701	76,966	3,754	11,206	892,027	2,990,221	169,797

<sup>1</sup> Includes inedible tallow, inedible animal oils not otherwise specified, animal greases and fats, neat's-foot oil and stock, oleic acid or red oil, and stearic acid, through 1964. Beginning 1965, data include inedible tallow, grease (except wool grease), choice white grease, and animal fats and oils, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) (thousand pounds): 12,232 in 1960, 69,932 in 1961, 39,207 in 1962, 1,438 in 1963, and 107,705 in 1964. Beginning January 1965, donations included as reported by the Census Bureau.

<sup>4</sup> Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) (thousand pounds): 18,128 in 1960, 152,781 in 1961, 92,466 in 1962, 18,004 in 1963, and 74,379 in 1964. Beginning January 1965, donations included as reported by the Census Bureau.

<sup>5</sup> Includes an estimated 10,192 thousand pounds exported under Title III, P.L. 480 (Foreign Donations).

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments. Data for 1949-58 in *Agricultural Statistics, 1967*, table 214.

Table 213.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1959–68

Year beginning July	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled <sup>1</sup>	Poppysseed
	<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>
1959.....	11,912	724,222	11	613	10	8,805
1960.....	457	791,850	0	9	112	7,288
1961.....	15,515	714,805	3	528	1,475	7,414
1962.....	11,005	631,830	71	1,458	782	2,703
1963.....	2,814	517,874	24	1,801	356	6,810
1964.....	9	624,234	70	1,485	670	8,081
1965.....	2,940	580,323	0	751	617	6,573
1966.....	79	546,194	40	1,512	591	6,737
1967 <sup>2</sup> .....	21	669,772	146	1,708	552	7,139
1968 <sup>2</sup> .....	8	590,735	19	871	764	7,449

  

Year beginning July	Oilseeds—Continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	<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>
1959.....	622	15,920	28	11,650	115,421	171,915	2
1960.....	1,494	23,758	260	13,946	106,071	137,403	3
1961.....	702	18,036	30	20,141	119,104	204,333	42
1962.....	3,282	24,067	25	22,449	97,935	373,051	6
1963.....	513	23,935	33	12,697	86,997	415,017	17
1964.....	1,097	23,746	16	17,133	126,721	443,922	18
1965.....	1,074	28,292	28	18,385	123,376	446,694	40
1966.....	438	31,482	24	22,297	93,967	501,809	39
1967 <sup>2</sup> .....	1,756	34,899	46	19,645	87,691	430,443	15
1968 <sup>2</sup> .....	1,677	35,605	12	15,899	140,232	443,094	6

  

Year beginning July	Vegetable oils—Continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	<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>
1959.....	55,108	35,681	84,050	0	2,313	22,201	96,403
1960.....	54,013	51,667	81,436	1	3,474	22,502	107,320
1961.....	55,825	56,621	88,862	4,882	3,657	25,198	200,149
1962.....	44,115	28,800	85,542	728	5,025	14,980	109,786
1963.....	54,351	7,105	74,970	0	4,400	26,038	110,374
1964.....	55,792	6,077	90,401	1	3,876	30,397	57,432
1965.....	45,558	25,923	101,935	2	6,291	24,612	108,685
1966.....	56,708	95,235	106,913	4	8,658	26,425	165,566
1967 <sup>2</sup> .....	57,947	54,497	107,254	7	7,761	18,405	103,845
1968 <sup>2</sup> .....	60,237	132,303	114,147	33	11,410	16,703	76,702

<sup>1</sup> Includes blanched or roasted peanuts.<sup>2</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-58 in *Agricultural Statistics, 1967*, table 215.

Table 214.—Inedible animal tallow, greases, and oils: <sup>1</sup> United States exports by country of destination, average 1960-64, annual 1968 and 1969 <sup>2</sup>

Continent and country	Average 1960-64	1968	1969 <sup>2</sup>	Continent and country	Average 1960-64	1968	1969 <sup>2</sup>
	<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—Continued			
Canada	28,475	9,598	14,111	Poland	72,093	44,261	11,545
Cuba	3,684			Yugoslavia	20,688		
Dominican Republic	7,106	12,701	17,935	Other	5,277	1,410	5,116
El Salvador	12,539	23,228	24,114	Total	859,602	647,760	446,613
Guatemala	15,070	40,200	11,345	U.S.S.R. (Europe and Asia)	83,802		
Haiti	8,359	15,490	13,281	Africa:			
Honduras	3,640	14,254	8,126	Algeria	3,574	28,503	26,246
Jamaica	3,812	5,389	8,297	Ghana	8,308	44,401	47,345
Mexico	4,966	12,338	43,790	Ivory Coast	2,846	441	1,361
Other	2,782	7,471	14,922	Morocco	20,690	32,380	23,515
Total	90,433	143,669	155,921	Nigeria	994	6,487	2,568
South America:				Senegal	110	8,529	6,846
Chile	1,170	449	45	United Arab Republic	90,213	101,689	105,593
Colombia	26,920	56,849	57,864	South Africa, Republic of	37,375	33,277	23,620
Ecuador	21,063	41,112	25,672	Other	6,209	4,481	11,745
Peru	24,313	33,772	21,911	Total	170,319	260,188	248,839
Venezuela	15,219	22,897	12,856	Asia:			
Other	8,901	2,027	768	Iran	29,489	49,084	28,444
Total	97,586	157,106	119,116	Iraq	6,821	4,826	3,635
Europe:				China (Taiwan)	38,201	49,448	43,734
Belgium and Luxembourg	26,954	12,136	12,323	India	603	154,923	193,678
France	17,349	6,323	5,523	Japan	372,676	560,391	457,345
Germany, West	98,026	61,592	45,770	Korea, Republic of	32,098	73,464	85,348
Italy	215,995	104,656	50,584	Pakistan	47,312	101,339	46,608
Netherlands	236,362	191,231	89,039	Philippines	20,451	15,686	13,357
Total (European Economic Community)	594,686	375,938	203,239	Turkey (Europe and Asia)	28,891	14,107	51,152
Greece	5,340	2,580		Other	3,564	1,310	848
Norway	2,984	4,776	3,294	Total	580,106	1,024,578	924,149
Portugal	6,307	31,383	17,335	Oceania	120	661	87
Spain	89,386	114,537	144,462	Grand total	1,881,968	2,233,962	1,894,725
Switzerland	27,206	14,586	10,539				
United Kingdom	33,225	58,289	51,083				
Hungary	2,410						

<sup>1</sup> Includes inedible tallow, inedible animal greases and fats, and inedible animal oils, n.e.c.; beginning in 1965, includes choice white grease.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 215.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1960-69.

Year	Supply				Disposition				Price of inedible tallow, No. 1, at Chicago, per pound
	Stocks, Jan. 1	Apparent production <sup>1</sup>	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Other use	
	<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>Cents</i>
1960	325	3,507		3,832	1,696	1,832	746	1,086	4.5
1961	305	3,645		3,951	1,805	1,737	721	1,016	5.4
1962	408	3,745	2	4,155	1,596	2,163	683	1,479	4.5
1963	397	4,058	3	4,458	1,874	2,206	684	1,522	4.7
1964	377	4,688	2	5,067	2,399	2,301	691	1,610	5.9
1965	366	4,383	2	4,751	2,127	2,210	651	1,559	7.2
1966	414	4,480	1	4,895	1,975	2,473	667	1,806	6.5
1967	447	4,753	6	5,206	2,222	2,559	643	1,916	4.6
1968	425	4,745	6	5,176	2,237	2,580	639	1,941	4.2
1969	359	4,655	6	5,020	1,896	2,779	639	2,140	6.0

<sup>1</sup> Computed from factory consumption, foreign trade, and stocks; beginning October 1966, production as reported by the Census Bureau. <sup>2</sup> Less than 500,000 pounds.

Economic Research Service. Computed from unrounded numbers. Stocks, consumption, and trade from the U.S. Department of Commerce. Prices from the National Provisioner and Wall Street Journal (Chicago edition). Data for 1944-59 in *Agricultural Statistics, 1967*, table 217.

Table 216.—Fats and oils: Use in products for civilian consumption, United States, 1960-69

Year	Food products											
	Butter (actual weight)		Lard, excluding use in margarine, shortening, and nonfood products		Margarine (actual weight)		Shortening		Edible oils <sup>1</sup>		All food products <sup>2</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1960	1,332	7.5	1,358	7.7	1,076	9.4	2,238	12.6	2,034	11.5	8,054	45.2
1961	1,335	7.4	1,393	7.7	1,708	9.4	2,311	12.8	2,022	11.2	8,173	45.1
1962	1,342	7.3	1,314	7.2	1,709	9.3	2,460	13.4	2,155	11.7	8,599	45.7
1963	1,281	6.9	1,190	6.4	1,785	9.6	2,525	13.5	2,450	13.1	8,539	46.3
1964	1,297	6.8	1,193	6.3	1,835	9.7	2,598	13.7	2,724	14.4	8,994	47.5
1965	1,232	6.4	1,225	6.4	1,891	9.9	2,695	14.0	2,711	14.1	9,147	47.7
1966	1,099	5.7	1,071	5.5	2,038	10.5	3,079	15.9	2,973	15.3	9,659	49.8
1967	1,076	5.5	1,055	5.4	2,046	10.5	3,108	15.9	2,956	15.1	9,632	49.2
1968	1,117	5.7	1,106	5.6	2,130	10.8	3,211	16.2	3,133	16.0	10,083	51.0
1969 <sup>3</sup>	1,081	5.4	1,017	5.1	2,154	10.8	3,404	17.0	3,336	16.7	10,350	51.8

  

Year	Industrial products								All products		
	Soap <sup>4</sup>		Drying-oil products <sup>5</sup>		Other industrial products <sup>4</sup>		All industrial products		Weight		Per capita <sup>2</sup>
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Including actual weight of butter and margarine	Including only fat content of butter and margarine	
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1960	860	4.8	821	4.6	2,590	14.5	4,271	24.0	12,911	12,325	69.2
1961	830	4.6	846	4.7	2,546	14.1	4,223	23.3	12,994	12,399	68.4
1962	774	4.2	867	4.7	3,073	16.7	4,714	25.6	13,706	13,117	71.4
1963	775	4.2	852	4.6	3,154	16.9	4,780	25.6	14,030	13,422	71.9
1964	773	4.1	838	4.7	3,313	17.5	4,972	26.3	14,574	13,969	73.8
1965	706	3.7	895	4.6	3,215	16.8	4,816	25.1	14,201	13,963	72.8
1966	719	3.7	908	4.7	3,703	19.1	5,329	27.5	15,253	14,988	77.3
1967	706	3.6	844	4.3	3,684	18.8	5,234	26.7	15,475	14,868	76.0
1968	689	3.5	850	4.3	3,705	18.8	5,245	26.5	15,962	15,327	77.6
1969 <sup>3</sup>	678	3.4	765	3.8	3,982	19.9	5,425	27.2	16,416	15,774	79.0

<sup>1</sup> Mainly salad and cooking oils. Includes all food fats and oils used other than butter, lard, margarine, or shortening.

<sup>2</sup> Including only the fat content of butter, estimated at 80.5 percent of total weight, and of margarine for which the fat content varies slightly each year.

<sup>3</sup> Preliminary.

<sup>4</sup> Fat equivalent of soap used in synthetic rubber is included with "Other industrial products."

<sup>5</sup> Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking, and other protective coatings.

Economic Research Service. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers. Data for 1944-59 in *Agricultural Statistics, 1967*, table 218.

Table 217.—Fats, oils, tall oil, and glycerin: Wholesale price per pound, average 1957-59, annual 1965-69

Item and market	Average 1957-59	1965	1966	1967	1968	1969
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Butter, creamery, Grade A, (92-score) bulk, New York	60.3	61.2	67.3	67.7	67.9	68.5
Butter, creamery, Grade B, (92 & 93-score) bulk, Chicago	58.6	60.4	67.0	66.8	66.8	67.4
Butter, creamery, Grade A, (92-score) prints, San Francisco	67.9	72.0	79.8	79.8	79.9	81.4
Castor oil, dehydrated, tanks, New York	26.9	24.6	25.0	27.3	31.4	29.0
Castor oil, No. 1 tanks, f.o.b. New Jersey mills	21.4	15.4	16.4	16.7		
Coconut oil, crude, tank cars, Pacific Coast mills <sup>1</sup>	15.7	14.9	12.2	13.5	16.7	13.6
Coconut oil, refined, tanks, New York					17.3	15.6
Cod oil, Newfoundland, drums, New York	10.0	12.6	11.1	9.1	8.2	8.0
Codliver oil, medicinal, U.S.P., barrels, New York	18.7	19.0	19.5	19.5	19.5	19.5
Corn oil, refined, tanks, New York	16.0	16.8	19.2	15.4	18.5	17.2
Corn oil, crude, tank cars, f.o.b. midwestern mills	13.0	14.0	16.1	12.4	15.2	14.0
Cottonseed oil, crude, tank cars, f.o.b. southeastern mills	12.5	11.7	14.3	11.8	13.1	11.0
Cottonseed oil, crude, tank cars, f.o.b. Mississippi Valley	11.6	11.6	14.1	11.8	13.0	10.8
Cottonseed oil, crude, tank cars, Texas	12.0	11.6	14.1	11.7	12.7	10.7
Cottonseed oil, p.s.y., bleachable, tank cars, New York <sup>2</sup>	14.4	13.1	15.9	13.5	14.2	12.6
Cottonseed oil, refined, tanks, New York	14.5	14.2	16.9	14.5	16.4	15.0
Degras, lanolin, technical, drums, New York	21.0	39.8	28.5	25.0	22.0	22.0
Glycerin, soaplye, tanks, New York <sup>3</sup>	16.5	12.7	14.4	16.1	16.3	16.2
Grease, A white, tank cars, delivered Chicago	7.0	7.8	7.8	5.5	5.0	6.9
Grease, yellow, tank cars, delivered Chicago	6.3	7.2	6.5	4.6	4.2	6.0
Lard, loose, tank cars, Chicago	10.5	11.7	11.2	7.8	6.2	9.7
Lard, prime steam, tierces, Chicago	11.4	11.7	11.2	7.8	6.2	9.7
Lard, refined, 1-pound cartons, Chicago	15.3	17.6	17.1	13.6	12.2	15.4
Linseed oil, raw, tank cars, Minneapolis	13.5	13.4	12.8	12.9	12.7	12.0
Linseed oil, raw, tanks, New York	14.9	14.5	13.8	14.0	13.8	13.1
Margarine, colored, delivered Eastern United States	26.7	26.1	26.6	25.7	25.6	26.0
Margarine, yellow quarters, f.o.b. Chicago	27.3	26.2	26.2	25.8	23.9	17.2
Margarine, white, domestic vegetable, Chicago	26.0	24.2	23.2	22.8	21.2	15.6
Menhaden oil, light pressed, tanks, New York	10.8	11.3	11.3	10.7	9.6	9.5
Neat's-foot oil, 30°, drums, carlots, New York	28.0	27.0	27.0	27.0		
Oiticica oil, drums, f.o.b. New York	19.4	23.8	21.4	19.0	13.8	14.6
Oiticica oil, tanks, New York	17.9	21.6	19.2	17.0	10.4	12.6
Oleo oil, extra, drums, Chicago	17.4	18.2	19.1	19.8		
Olive oil, imported, edible, drums, New York	35.1	36.8	36.8	38.1	38.7	38.7
Palm oil, Congo, drums, f.o.b. New York	14.7	15.8	15.1	14.8	14.5	12.5
Peanut oil, crude, tank cars, f.o.b. southeastern mills	14.7	13.5	13.7	11.9	13.2	13.7
Peanut oil, refined, tanks, New York	22.2	16.2	16.4	14.4	15.9	16.6
Rapeseed oil, refined (denatured), tanks, New York	15.7	15.4	15.4	15.2	14.4	13.8
Safflower oil, nonbreak tanks, East Coast	15.9	15.3	16.2	14.6	14.7	15.6
Sesame oil, refined, drums, New York	38.0	33.0	34.8	39.2	36.0	35.0
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York	20.9	23.3	21.8	20.7	20.8	21.9
Shortening, all vegetable, hydrogenated, 3-lb. tins, delivered Eastern United States	27.8	26.4	27.1	26.5	25.5	25.9
Soybean oil, crude, tank cars, f.o.b. midwestern mills	10.6	11.2	11.7	9.6	8.2	9.1
Soybean oil, refined, tanks, New York	13.1	13.4	13.5	11.8	10.2	11.0
Sperm oil, natural, 45°, drums, New York	15.6	14.9	14.5	14.5	14.5	15.5
Tall oil, crude, tanks, works	2.7	3.5	3.2	3.1	3.4	3.4
Tall oil, refined, tanks, works	5.5	7.5	7.5	7.5	7.5	7.5
Tallow, edible, loose, Chicago	10.3	11.6	11.3	7.5	6.3	9.3
Tallow, inedible, packers' prime, tank cars, c.a.f. Chicago	7.0	7.8	7.0	5.1	4.6	6.4
Tallow, No. 1, inedible, Chicago	6.4	7.2	6.5	4.6	4.2	6.0
Tung oil, imported, drums, carlots, f.o.b. New York	23.9	27.8	23.3	16.5	15.4	17.1
Tung oil, imported, tanks, New York	22.4	25.8	21.0	14.4	11.8	15.1

<sup>1</sup> Prices as originally quoted have been adjusted to include the 3-cent-per-pound tax on first domestic processing. Public Law 89-388 suspends the 3-cent tax imposed by section 4511 (as beginning Oct. 1, 1957).

<sup>2</sup> Nearby futures.

<sup>3</sup> Beginning January 1965, average of weekly prices, New York Journal of Commerce.

Economic Research Service. Compiled from Oil, Paint, and Drug Reporter; the National Provisioner; The Journal of Commerce (New York); Wall Street Journal (Chicago edition); and the U.S. Department of Labor. Excise taxes and duties are included where applicable.

Table 218.—Soap: Fats, oils, rosin, and tall oil used in manufacture, United States, 1960-69

Year	Inedible tallow and greases	Palm oil	Coconut oil	Palm kernel oil	Soft oils <sup>1</sup>	Secondary fats and oils <sup>2</sup>	Rosin	Tall oil	Total saponifiable materials
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	746	10	145	12		23	3	15	953
1961.....	721		140	14		23		12	911
1962.....	683	1	141	5	1	19		10	859
1963.....	684	3	152			14		8	861
1964.....	691		158			19		8	875
1965.....	651		145			16		9	820
1966.....	667		150			13		9	839
1967.....	643		146			17		8	813
1968.....	639		154			10		9	812
1969 <sup>3</sup> .....	639		151			8		4	802

<sup>1</sup> Includes the following oils: Soybean, cottonseed, corn, castor, peanut, inedible olive and foots, edible olive, neatsfoot, linseed, perilla, sesame, tung, and "other vegetable oils."

<sup>2</sup> Includes inedible animal stearine, grease (lard) oil, tallow oil, foots and other soap stock, red oil, and stearic acid and other fatty acids.

<sup>3</sup> Preliminary.

Economic Research Service. Fats, oils, and tall oil compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1944-59 in *Agricultural Statistics, 1967*, table 220.

Table 219.—Soap and synthetic detergents: Estimated sales, total and per capita, 1954-68<sup>1</sup>

Year	Estimated sales						Percentage distribution	
	Total			Per capita			Soap	Synthetic detergent
	Soap (non-liquid) <sup>2</sup>	Synthetic detergent <sup>3</sup>	Total	Soap <sup>2</sup>	Synthetic detergent <sup>3</sup>	Total		
Million pounds	Million pounds	Million pounds	Pounds	Pounds	Pounds	Percent	Percent	
1954.....	1,692	2,468	4,160	10.4	15.1	25.5	41	59
1955.....	1,590	2,780	4,370	9.6	16.8	26.3	36	64
1956.....	1,540	3,230	4,770	9.1	19.1	28.2	32	68
1957.....	1,430	3,500	4,930	8.3	20.3	28.7	29	71
1958.....	1,370	3,550	4,920	7.8	20.3	28.1	28	72
1959.....	1,250	3,820	5,070	7.0	21.5	28.5	25	75
1960.....	1,230	3,940	5,170	6.8	21.8	28.6	24	76
1961.....	1,180	4,110	5,290	6.4	22.4	28.8	22	78
1962.....	1,210	4,420	5,630	6.5	23.7	30.2	22	78
1963.....	1,190	4,540	5,730	6.3	24.0	30.3	21	79
1964.....	1,140	4,730	5,870	5.9	24.6	30.6	19	81
1965.....	1,110	4,870	5,980	5.7	25.0	30.7	19	81
1966.....	1,100	5,000	6,100	5.6	25.4	31.0	18	82
1967.....	1,110	5,200	6,310	5.6	26.1	31.7	18	82
1968 <sup>4</sup> .....	1,110	5,350	6,460	5.5	26.6	32.1	17	83

<sup>1</sup> Estimates of the Soap and Detergent Association. Data are on the built, finished-weight basis.

<sup>2</sup> Excludes scouring cleansers, liquid soaps, and reported exports where possible.

<sup>3</sup> Includes only those solid and liquid with end-uses and characteristics similar to soap, and excludes scouring cleansers and shampoos where possible. Liquids converted to pounds on the basis of 8 pounds per gallon.

<sup>4</sup> Preliminary.

Economic Research Service.

Table 220.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1954–69

[1957–1959=100]

Year	16 items, excluding butter	17 major fats and oils											
		All items	Classified by origin			Classified by use							
			Animal	Vegetable		Edible				Industrial			
				Domestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses	All industrial
1954.....	115.2	107.7	107.5	115.9	90.2	99.2	148.8	115.0	110.6	96.9	102.0	99.7	98.5
1955.....	99.5	97.8	97.9	104.2	79.6	96.3	100.7	104.0	98.8	96.6	90.2	95.4	94.6
1956.....	104.9	102.3	99.6	115.0	81.9	99.3	104.8	114.7	104.6	92.3	100.8	97.4	95.3
1957.....	108.1	194.6	104.4	109.9	90.7	100.3	117.1	110.3	105.5	100.1	105.3	103.4	102.0
1958.....	103.3	101.5	101.7	101.1	98.2	99.1	107.7	101.0	100.9	105.1	100.1	99.9	103.4
1959.....	88.6	93.9	93.9	89.0	111.1	100.6	75.2	88.7	93.7	94.8	94.6	95.8	94.6
1960.....	83.5	90.8	92.7	84.2	95.5	99.9	83.6	82.4	92.8	79.8	94.0	84.2	84.0
1961.....	95.0	98.7	97.6	105.3	87.3	101.2	91.0	101.3	101.1	84.5	107.3	87.5	90.6
1962.....	82.9	90.2	92.0	87.3	86.9	99.5	82.3	84.6	92.7	73.7	105.3	73.6	81.5
1963.....	82.0	89.3	91.2	83.4	92.5	98.8	78.6	81.6	90.7	78.3	99.9	77.4	84.3
1964.....	91.7	96.1	99.4	85.6	95.2	99.9	92.2	85.3	95.0	96.7	94.4	87.6	98.4
1965.....	108.0	107.1	108.7	100.8	109.0	102.5	110.6	102.1	104.9	113.0	99.3	102.4	113.0
1966.....	105.3	109.5	111.2	108.1	92.6	113.6	105.9	107.5	113.2	101.6	97.0	93.7	103.1
1967.....	83.4	95.0	96.6	90.4	100.0	113.3	74.1	88.5	99.4	79.1	90.8	83.4	82.6
1968.....	75.8	89.7	91.4	84.2	118.5	113.4	58.9	82.8	95.0	71.9	85.7	85.2	75.4
1969.....	86.9	97.9	106.6	83.7	102.5	114.4	91.6	84.0	100.6	87.8	82.9	86.8	89.2

Economic Research Service. Data for 1947-53 in *Agricultural Statistics, 1967*, table 222.



## CHAPTER IV

# STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables and melons.

For potatoes and sweetpotatoes, the estimates of acreage, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use as food, feed, and seed on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, early spring, late spring, early summer, late summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of acreage, production, and value for each of the 10 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual or equivalent acreage harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made, is included in the fresh market estimates.

Beginning in 1969, the Department's regular monthly and annual program of estimates of commercial vegetables for fresh market includes 22 principal vegetable and melon crops in the major producing States. (Lima beans, beets, kale, green peas, and shallots were in the program in earlier years.) These estimates relate to crops which are grown primarily for sale and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the 22 principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of artichokes, broccoli, brussels sprouts, carrots, cauliflower, celery, garlic, onions, and green peppers are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well-recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis, except garlic, for which values are reported annually on a field run basis at packing-house door. For processed vegetables prior to 1964, value per unit and total value refer to average price received by growers at receiving point; beginning in 1964, value per unit and total value are at processing plant door.

Annual estimates of national commercial production of all vegetables are presented in table 221. The estimates for fresh market vegetables include production for sale of principal fresh market crops in major producing States in the regular monthly reporting program, allowances for production of principal crops in minor producing States, greenhouse vegetable production, and production of all other vegetables in all States. These figures show that the regular program of releases of commercial fresh market vegetable estimates for principal crops in major producing States account for over four-fifths of the national commercial output of all fresh vegetables and melons. The total national commercial production of each of the principal vegetable and melon crops and aggregate production of minor vegetables is published by the Statistical Reporting Service, but production estimates by States, and comparable data on acreage and value, are not available.

The seasonal nature of the production of vegetables and melons for fresh market and their perishability created a need for information on supplies available during specific periods of the year to facilitate orderly marketing. Vegetable and melon estimates are classified according to the season or period within the season when the bulk of each crop is usually harvested. The forecasts and estimates of acreage and production therefore provide a measure of supplies available in specific seasonal periods. The seasonal groupings used are as follows:

## Seasonal Classifications Used for Vegetable and Melon Crops

Dates refer to period of most active harvest

### Classifications Most Commonly Used

Winter: January, February, March.  
 Spring: April, May, June.  
 Early Spring: April 1-May 15.  
 Late Spring: May 16-June 30.  
 Summer: July, August, September.

Early Summer: July 1-August 15.  
 Late Summer: August 16-September 30.  
 Fall: October, November, December.  
 Early Fall: October 1-November 15.  
 Late Fall: November 16-December 31.

### Classifications Used for Certain Short Season Crops

Early Spring: April.  
 Mid-Spring: May.  
 Late Spring: June.

Early Summer: July.  
 Mid-Summer: August.  
 Late Summer: September.

In practice, the beginning and ending of these seasons are not fixed dates but approximations. There is necessarily some overlapping in the marketing seasons for individual crops, and weather frequently disturbs normal harvesting schedules. Consequently, the classifications employed are less precise than the dates indicate.

Table 221.—Vegetables, commercial: Production of all vegetables, United States, 1954-69<sup>1</sup>

Year	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	Year	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total
	Tons	Tons	Tons		Tons	Tons	Tons
1954	11,857,700	5,901,000	17,758,700	1962	12,580,600	9,356,700	21,937,300
1955	12,069,900	6,178,400	18,248,300	1963	12,840,950	8,021,760	20,862,710
1956	12,481,250	8,376,320	20,857,570	1964	12,475,950	8,134,840	20,610,790
1957	11,964,100	6,808,540	18,772,640	1965	12,816,350	8,457,160	21,273,510
1958	12,445,300	7,498,310	19,941,610	1966	12,532,950	8,940,230	21,473,180
1959	12,150,850	6,935,740	19,086,590	1967	13,059,000	9,975,440	23,034,440
1960 <sup>4</sup>	13,057,400	7,373,080	20,430,480	1968	13,122,300	12,093,970	25,216,270
1961	12,716,450	8,170,310	20,886,760	1969 <sup>5</sup>	13,115,800	9,388,030	22,503,830

<sup>1</sup> Includes Hawaii.

<sup>2</sup> Commercial production, including greenhouse production, of all fresh market vegetables and melons in all States. Includes the production shown in table 222 for the crops for which regular seasonal estimates are prepared. Does not include production for home consumption in farm and nonfarm gardens. Production by States, and acreage and value data not available.

<sup>3</sup> Production in all States of the 10 principal vegetables for processing shown in table 224. Production of other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Beginning 1960, includes Alaska.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 223.

Table 222.—Vegetables, commercial: Acreage, production, and value of principal crops, United States, 1954–69

Year	Acreage <sup>1</sup>			Production <sup>4</sup>			Value <sup>5</sup>		
	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>2</sup>	For processing <sup>3</sup>	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>
1954.....	2,076,280	1,707,660	3,783,940	10,354,550	5,901,000	16,255,550	751,705	240,790	992,495
1955.....	2,026,760	1,694,280	3,721,040	10,472,850	6,178,400	16,651,250	808,649	251,447	1,060,096
1956.....	1,978,110	1,811,710	3,789,820	10,731,300	8,376,320	19,107,620	831,382	317,289	1,148,671
1957.....	1,945,300	1,740,540	3,685,840	10,142,850	6,808,540	16,951,390	865,278	271,622	1,136,900
1958.....	1,952,160	1,629,910	3,582,070	10,533,550	7,496,310	18,029,860	786,811	280,173	1,066,984
1959.....	1,861,800	1,572,040	3,433,840	10,321,600	6,935,740	17,257,340	824,648	259,404	1,084,052
1960 <sup>6</sup> .....	1,815,670	1,567,700	3,383,370	11,024,800	7,373,080	18,397,880	837,459	287,161	1,124,620
1961.....	1,739,985	1,718,160	3,458,145	10,682,600	8,170,310	18,852,910	873,941	336,175	1,210,116
1962.....	1,700,490	1,714,780	3,415,270	10,679,200	9,356,700	20,035,900	904,969	362,392	1,267,361
1963.....	1,073,035	1,604,820	2,677,855	10,998,150	8,021,760	19,019,910	912,838	320,724	1,233,562
1964.....	1,668,575	1,604,960	3,273,535	10,620,450	8,134,840	18,755,290	961,523	349,444	1,310,967
1965.....	1,646,415	1,644,730	3,291,145	10,991,050	8,457,160	19,448,210	1,017,892	405,944	1,423,836
1966.....	1,617,015	1,806,650	3,423,665	10,730,200	8,940,230	19,670,430	1,137,043	433,401	1,570,444
1967.....	1,634,770	1,939,570	3,574,340	11,127,300	9,975,440	21,102,740	1,151,232	530,446	1,681,678
1968.....	1,636,365	2,011,740	3,648,105	11,293,250	12,093,970	23,387,220	1,187,991	599,788	1,787,779
1969 <sup>7</sup> .....	1,627,550	1,723,320	3,350,870	11,053,200	9,388,030	20,441,230	1,229,612	451,458	1,681,070

<sup>1</sup> Acreage for fresh market is acreage for harvest. Prior to 1967, includes acreage partially harvested or not harvested because of low prices or other economic factors. Acreage for processing is acreage harvested.

<sup>2</sup> Acreage, production, and farm value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (through 1968, included lima beans, beets, kale, green peas, and shallots).

<sup>3</sup> Acreage, production, and farm value of the following 10 crops in all States. Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Production for fresh market prior to 1967 includes some quantities not marketed because of low prices or other economic factors which are excluded in computing value. Production since 1967 is the quantity sold.

<sup>5</sup> Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processed vegetables, beginning 1964, value at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>6</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>7</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 224.

Table 223.—Vegetables, commercial: Acreage of principal crops, by States, 1967-69<sup>1</sup>

State and division	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	1967	1968	1969 <sup>3</sup>	1967	1968	1969 <sup>3</sup>	1967	1968	1969 <sup>3</sup>
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Maine.....	350	300	( <sup>5</sup> )	12,100	13,160	9,500	12,450	13,460	9,500
New Hampshire..	1,800	1,660	1,400	20	60	70	1,820	1,720	1,470
Massachusetts...	14,430	14,630	13,400	930	990	1,100	15,360	15,620	14,500
Rhode Island.....	1,700	1,700	( <sup>5</sup> )				1,700	1,700	( <sup>5</sup> )
Connecticut.....	9,430	9,370	8,820				9,430	9,370	8,820
New York.....	70,950	69,800	63,750	93,920	93,090	82,990	164,870	162,890	146,740
New Jersey.....	61,850	60,150	55,160	63,420	64,670	52,920	125,270	124,820	108,080
Pennsylvania.....	21,630	20,760	19,480	34,560	40,880	28,770	56,190	61,640	48,250
North Atlantic..	182,140	178,370	162,010	204,950	212,850	175,350	387,090	391,220	337,360
Ohio.....	26,950	27,150	24,350	35,880	39,220	36,040	62,830	66,370	60,390
Indiana.....	11,670	11,420	12,100	34,730	36,680	31,010	46,400	48,100	43,110
Illinois.....	16,950	16,350	10,000	125,550	125,760	108,700	142,500	142,110	118,700
Michigan.....	41,600	43,250	45,750	67,000	57,920	56,620	108,600	101,170	102,370
Wisconsin.....	8,800	8,200	7,900	318,320	337,610	311,970	327,120	345,810	319,870
Minnesota.....	2,850	2,550	2,400	202,150	197,850	183,280	205,000	200,400	185,680
Iowa.....	680	700	90	9,280	10,510	8,510	9,960	11,210	8,600
Missouri.....	11,050	11,400	12,000	1,140	1,360	690	12,190	12,760	12,690
North Dakota.....					40	40		40	40
South Dakota.....				1,030	1,700	940	1,030	1,700	940
Nebraska.....				190	600	420	190	600	420
Kansas.....	1,900	1,800	( <sup>5</sup> )	340	250	130	2,240	2,050	130
North Central..	122,450	122,820	114,590	795,610	809,500	738,350	918,060	932,320	852,940
Delaware.....	1,950	2,100	3,100	50,700	49,450	35,900	52,650	51,550	39,000
Maryland.....	14,300	14,800	12,550	63,030	68,210	55,030	77,330	83,010	67,580
Virginia.....	27,770	25,430	22,270	19,040	16,570	14,630	46,810	42,000	36,900
West Virginia.....				60	160	30	60	160	30
North Carolina..	44,700	45,800	44,090	38,630	36,750	29,940	83,330	82,550	74,030
South Carolina..	53,250	53,000	48,300	5,250	4,950	4,420	58,500	57,950	52,720
Georgia.....	56,000	60,300	53,000	2,900	1,800	1,800	58,900	62,100	54,800
Florida.....	269,250	253,300	271,140	23,300	13,400	13,160	292,550	266,700	284,300
South Atlantic..	467,220	454,730	454,450	202,910	191,290	154,910	670,130	646,020	609,360
Kentucky.....	800	800	700	5,850	6,500	4,300	6,650	7,300	5,000
Tennessee.....	4,000	4,200	4,320	16,320	16,490	15,950	20,320	20,690	20,270
Alabama.....	28,450	33,350	26,400	10,950	12,570	9,080	39,400	45,920	35,480
Mississippi.....	9,650	9,850	10,500	8,900	11,640	12,500	18,550	21,490	23,000
Arkansas.....	8,900	9,200	9,800	13,710	12,930	13,300	22,610	22,130	23,100
Louisiana.....	12,600	13,120	10,700	1,530	1,850	1,340	14,130	14,970	12,040
Oklahoma.....	13,000	14,000	11,500	8,100	5,900	5,760	21,100	19,900	17,260
Texas.....	219,700	200,700	225,200	32,400	30,800	23,800	252,100	231,500	249,000
South Central..	297,100	285,220	299,120	97,760	98,680	86,030	394,860	383,900	385,150
Montana.....				1,440	1,500	1,500	1,440	1,500	1,500
Idaho.....	3,400	4,100	3,700	36,520	45,640	42,880	39,920	49,740	46,580
Wyoming.....				1,780	1,300	1,220	1,780	1,300	1,220
Colorado.....	21,610	22,590	19,900	6,580	8,540	6,630	28,190	31,130	26,530
New Mexico.....	11,700	15,100	13,300	830	1,120	900	12,530	16,220	14,200
Arizona.....	73,660	73,150	79,250	450	300	430	74,110	73,450	79,680
Utah.....	600	750	900	9,300	10,520	8,080	9,900	11,270	8,980
Washington.....	15,330	14,780	11,980	170,750	172,640	151,720	186,080	187,420	163,700
Oregon.....	16,910	18,760	16,240	125,280	124,740	115,620	142,190	143,500	131,860
California.....	420,300	443,650	450,900	285,410	333,120	239,700	705,710	776,770	690,600
Western.....	563,510	592,880	596,170	638,340	699,420	568,680	1,201,850	1,292,300	1,164,850
Total.....	1,632,420	1,634,020	1,626,340	1,939,570	2,011,740	1,723,320	3,571,980	3,645,760	3,349,660
Alaska.....	120	145	( <sup>5</sup> )				120	145	
Hawaii.....	2,230	2,200	1,210				2,230	2,200	1,210
United States..	1,634,770	1,636,365	1,627,550	1,939,570	2,011,740	1,723,320	3,574,340	3,648,105	3,350,870

<sup>1</sup> Acreage for fresh market is acreage for harvest. Acreage for processing is acreage harvested.

<sup>2</sup> Acreage of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (for 1967 and 1968, includes lima beans, beets, kale, green peas, and shallots).

<sup>3</sup> Preliminary.

<sup>4</sup> Acreage of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

<sup>5</sup> Estimates discontinued.

Statistical Reporting Service.

VEGETABLES

155

Table 224.—Vegetables, commercial: Production of principal crops, by States, 1967-69

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Maine.....	2,200	2,000	( <sup>4</sup> )	20,480	21,400	12,240	22,680	23,400	12,240
New Hampshire.....	8,050	8,400	5,250	230	270	180	8,280	8,670	5,430
Massachusetts.....	70,250	71,500	61,850	10,830	9,940	9,900	81,080	81,440	71,750
Rhode Island.....	8,100	8,400	( <sup>4</sup> )	.....	.....	.....	8,100	8,400	.....
Connecticut.....	45,250	45,500	41,450	.....	.....	.....	45,250	45,500	41,450
New York.....	556,300	548,950	494,450	489,800	464,860	372,880	1,046,100	1,013,810	867,330
New Jersey.....	296,900	293,750	269,150	401,090	401,570	283,310	697,990	695,230	552,460
Pennsylvania.....	92,200	85,050	78,750	222,320	244,480	190,020	314,520	329,530	268,770
North Atlantic.....	1,079,250	1,063,550	950,900	1,144,750	1,142,520	868,530	2,224,000	2,206,070	1,819,430
Ohio.....	152,950	151,800	119,400	604,310	684,670	503,420	757,260	836,470	622,820
Indiana.....	90,200	80,100	92,600	349,410	337,060	320,870	439,610	417,160	413,470
Illinois.....	77,700	76,000	49,950	476,270	454,590	387,350	553,970	530,590	437,300
Michigan.....	336,700	350,900	348,700	251,110	230,990	197,390	587,810	581,890	546,090
Wisconsin.....	128,700	125,050	113,850	850,900	1,022,940	838,710	979,600	1,147,990	952,560
Minnesota.....	42,400	35,400	37,250	600,910	701,980	624,500	643,310	737,380	661,750
Iowa.....	5,550	5,300	50	54,630	67,690	43,610	60,180	72,990	43,660
Missouri.....	46,250	52,950	60,200	1,940	3,200	1,490	48,190	56,150	61,690
North Dakota.....	.....	.....	.....	.....	140	.....	.....	140	160
South Dakota.....	.....	.....	.....	2,940	6,420	3,990	2,940	6,420	3,990
Nebraska.....	.....	.....	.....	800	2,440	1,950	800	2,440	1,950
Kansas.....	7,050	6,750	( <sup>4</sup> )	2,850	2,200	510	9,900	8,950	510
North Central.....	887,500	884,250	822,000	3,196,070	3,514,320	2,923,950	4,083,570	4,398,570	3,745,950
Delaware.....	12,500	15,750	12,450	90,350	75,030	64,250	102,850	90,780	76,700
Maryland.....	69,450	76,900	73,450	223,190	225,330	174,590	292,640	302,230	248,040
Virginia.....	102,200	99,600	73,400	81,530	93,130	67,950	183,730	192,730	141,350
West Virginia.....	.....	.....	.....	900	960	360	900	960	360
North Carolina.....	173,800	164,500	162,750	98,190	85,530	79,370	271,990	250,030	242,120
South Carolina.....	208,700	162,750	156,550	15,150	12,690	10,180	223,850	175,440	166,730
Georgia.....	227,450	234,950	195,800	6,580	4,900	4,580	234,030	239,850	200,380
Florida.....	1,781,650	1,591,100	1,623,300	132,800	64,000	64,380	1,914,450	1,655,100	1,687,800
South Atlantic.....	2,575,750	2,345,550	2,297,700	648,690	561,570	465,660	3,224,440	2,907,120	2,763,360
Kentucky.....	3,400	2,800	3,000	18,240	13,540	12,480	21,640	16,340	15,480
Tennessee.....	23,500	21,750	21,550	33,900	30,730	31,440	57,400	52,480	52,990
Alabama.....	101,200	107,650	92,200	22,640	24,740	17,630	123,840	132,390	109,830
Mississippi.....	39,900	37,800	36,000	24,600	27,700	27,580	64,500	65,500	63,580
Arkansas.....	43,400	40,800	41,000	36,510	36,390	28,640	79,910	77,190	69,640
Louisiana.....	41,050	44,750	36,000	4,080	4,590	3,020	45,130	49,340	39,020
Oklahoma.....	46,900	45,850	46,000	19,240	15,740	15,620	66,140	61,590	61,620
Texas.....	1,057,550	916,400	1,048,250	131,570	144,210	116,740	1,189,120	1,060,610	1,164,990
South Central.....	1,356,900	1,217,800	1,324,000	290,780	297,640	253,150	1,647,680	1,515,440	1,577,150
Montana.....	.....	.....	.....	2,410	2,400	2,270	2,410	2,400	2,270
Idaho.....	68,850	98,400	84,200	133,010	176,200	174,690	201,860	274,600	258,890
Wyoming.....	.....	.....	.....	8,380	5,420	4,620	8,380	5,420	4,620
Colorado.....	183,950	199,850	184,350	34,700	47,710	36,490	218,650	247,560	220,840
New Mexico.....	157,800	171,200	136,300	8,140	13,120	9,790	165,940	184,320	146,090
Arizona.....	638,200	617,550	663,650	2,560	1,500	2,240	640,760	619,050	665,890
Utah.....	10,500	10,900	13,500	62,110	61,460	54,580	72,610	72,360	68,080
Washington.....	134,400	145,550	129,700	495,020	525,900	439,750	629,420	671,450	569,450
Oregon.....	192,100	252,050	232,750	470,970	545,910	531,810	663,070	797,960	764,560
California.....	3,823,750	4,269,150	4,202,550	3,477,850	5,198,300	3,620,500	7,301,600	9,467,450	7,823,050
Western.....	5,209,550	5,764,650	5,647,000	4,695,150	6,577,920	4,876,740	9,904,700	12,342,570	10,523,740
Total.....	11,108,950	11,275,800	11,041,600	9,975,440	12,093,970	9,388,030	21,084,390	23,369,770	20,429,630
Alaska.....	750	900	( <sup>4</sup> )	.....	.....	.....	750	900	.....
Hawaii.....	17,600	16,550	11,600	.....	.....	.....	17,600	16,550	11,600
United States.....	11,127,300	11,293,250	11,053,200	9,975,440	12,093,970	9,388,030	21,102,740	23,387,220	20,441,230

<sup>1</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (for 1967 and 1968, includes lima beans, beets, kale, green peas, and shallots).

<sup>2</sup> Preliminary.

<sup>3</sup> Production of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Estimates discontinued.

Table 225.—Vegetables, commercial: Value of principal crops, by States, 1967–69

State and division	For fresh market <sup>1</sup>			For processing <sup>3</sup>			Total		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	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	334	340	( <sup>4</sup> )	1,817	1,964	1,173	2,151	2,304	1,173
New Hampshire	649	917	504	16	20	16	685	937	520
Massachusetts	8,541	10,125	8,909	713	644	598	9,254	10,769	9,507
Rhode Island	1,038	1,212	( <sup>4</sup> )				1,038	1,212	
Connecticut	6,023	7,107	6,567				6,023	7,107	6,567
New York	47,430	44,862	44,893	21,017	20,168	16,853	68,447	64,730	61,746
New Jersey	35,653	35,033	33,166	26,720	25,444	19,807	62,373	60,477	52,973
Pennsylvania	8,986	9,392	8,599	10,370	11,114	8,373	19,356	20,506	16,972
North Atlantic	108,654	108,688	102,638	60,653	59,354	46,820	169,307	168,042	149,458
Ohio	18,925	18,420	16,158	23,307	25,670	20,850	42,232	44,090	37,008
Indiana	7,558	5,665	7,184	14,125	13,637	12,781	21,683	19,302	19,965
Illinois	5,492	5,483	4,163	23,291	22,595	19,577	28,783	28,078	23,740
Michigan	35,852	29,195	39,101	22,554	18,772	17,896	58,406	47,967	56,997
Wisconsin	7,567	6,924	6,681	40,747	46,601	40,701	48,314	53,525	47,382
Minnesota	2,395	1,646	1,818	21,991	24,157	21,606	24,386	25,803	23,424
Iowa	4,751	3,809	20	1,852	2,041	1,243	2,323	2,350	1,263
Missouri	3,689	3,847	4,442	187	294	137	3,876	4,141	4,579
North Dakota				12	12	15		12	15
South Dakota				184	288	217	184	288	217
Nebraska				59	222	179	59	222	179
Kansas	652	614	( <sup>4</sup> )	156	84	37	808	698	37
North Central	82,601	72,103	79,567	148,453	154,373	135,239	231,054	226,476	214,806
Delaware	619	1,052	1,109	9,130	7,265	5,773	9,749	8,317	6,882
Maryland	5,064	6,606	6,289	11,572	12,634	9,372	16,636	19,239	15,661
Virginia	12,659	12,063	9,662	4,986	4,559	3,392	17,645	16,622	13,054
West Virginia				36	41	14	36	41	14
North Carolina	16,627	16,589	17,730	8,724	8,389	7,472	25,351	24,978	25,202
South Carolina	19,087	14,373	14,337	1,369	1,115	833	20,456	15,488	15,170
Georgia	13,874	12,405	9,970	585	441	413	14,459	12,846	10,383
Florida	212,344	233,086	226,463	6,578	3,050	2,781	218,922	236,136	229,244
South Atlantic	280,274	295,173	285,560	42,980	37,494	30,050	323,254	333,667	315,610
Kentucky	911	622	726	1,721	1,290	1,236	2,632	1,912	1,962
Tennessee	3,162	2,874	3,014	3,179	2,910	2,717	6,341	5,784	5,731
Alabama	8,944	9,958	8,063	1,599	2,411	1,137	10,543	12,369	9,200
Mississippi	1,780	1,342	1,110	2,277	2,266	2,418	4,057	3,608	3,528
Arkansas	7,185	5,036	4,646	3,018	2,694	2,093	10,203	7,730	6,739
Louisiana	4,396	5,405	4,394	388	341	219	4,784	5,746	4,613
Oklahoma	1,986	1,539	1,932	1,427	997	931	3,413	2,536	2,863
Texas	95,123	90,452	95,291	6,778	7,662	5,572	101,901	98,114	100,863
South Central	123,487	117,228	119,176	20,387	20,571	16,323	143,874	137,799	135,499
Montana				266	262	247	266	262	247
Idaho	6,164	3,850	6,719	5,550	6,887	6,297	11,714	10,737	13,016
Wyoming				174	153	128	174	153	128
Colorado	14,149	15,257	14,623	1,999	3,166	2,308	16,148	18,423	16,931
New Mexico	15,436	13,912	13,789	322	466	338	15,758	14,378	14,127
Arizona	73,767	67,851	88,023	227	108	161	73,994	67,959	88,184
Utah	788	414	916	2,517	2,637	2,201	3,305	3,051	3,117
Washington	11,690	11,039	10,668	34,364	35,372	31,875	46,054	46,411	42,543
Oregon	17,250	12,645	16,922	31,035	32,149	31,656	48,285	44,794	48,578
California	412,660	464,420	488,454	181,519	246,796	147,815	594,179	711,216	636,269
Western	551,904	589,388	640,114	257,973	327,996	223,026	809,877	917,384	863,140
Total	1,146,920	1,183,580	1,227,055	530,446	599,788	451,458	1,677,366	1,783,368	1,678,513
Alaska	184	220	( <sup>4</sup> )				184	220	
Hawaii	4,128	4,191	2,557				4,128	4,191	2,557
United States	1,151,232	1,187,991	1,229,612	530,446	599,788	451,458	1,681,678	1,787,779	1,681,070

<sup>1</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (for 1967 and 1968, includes lima beans, beets, kale, green peas, and shallots).

<sup>2</sup> Preliminary.

<sup>3</sup> Value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Estimates discontinued.

Statistical Reporting Service.

Table 226.—Artichokes, globe, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	9,000	40	360	7.60	2,736	1962.....	8,000	55	440	9.54	4,197
1955.....	8,900	40	356	8.50	3,026	1963.....	8,000	60	480	9.85	4,728
1956.....	9,400	34	320	9.60	3,072	1964.....	8,700	65	566	10.08	5,704
1957.....	9,400	35	329	8.64	2,843	1965.....	9,200	70	644	8.95	5,761
1958.....	9,400	35	329	10.22	3,361	1966.....	8,900	75	668	8.76	5,853
1959.....	9,400	40	376	9.09	3,419	1967.....	9,600	76	730	8.87	6,472
1960.....	9,300	45	418	8.88	3,712	1968.....	9,600	60	576	10.00	5,772
1961.....	8,500	60	510	8.90	4,539	1969 <sup>3</sup> .....	10,100	65	656	10.60	6,933

<sup>1</sup> California only. Includes production for fresh market and processing.<sup>2</sup> F.o.b. basis.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 228.

Table 227.—Asparagus, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-69

Year	Total crop					For fresh market			For processing		
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production	Value <sup>2</sup>		Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954....	143,700	21	3,067	12.02	36,872	1,025	13.43	13,767	102,140	226.00	23,105
1955....	151,340	24	3,594	12.80	46,806	1,007	14.86	14,967	129,280	246.00	31,839
1956....	152,730	23	3,495	12.23	42,758	1,151	14.19	16,327	117,140	226.00	26,431
1957....	155,700	23	3,623	10.68	38,678	1,333	12.94	17,251	114,470	187.00	21,427
1958....	158,090	22	3,535	10.86	38,385	1,307	12.84	16,778	111,400	194.00	21,607
1959....	161,150	24	3,627	11.22	40,682	1,243	13.66	16,974	119,220	198.86	23,708
1960....	156,960	24	3,762	11.82	44,464	1,230	13.63	16,769	126,600	218.76	27,695
1961....	147,650	25	3,692	12.99	47,948	1,098	15.15	16,634	129,700	241.43	31,314
1962....	145,970	25	3,721	13.39	49,831	1,043	15.80	16,481	133,900	249.07	33,350
1963....	145,170	26	3,756	14.01	52,639	1,037	16.33	16,936	135,950	262.62	35,703
1964....	144,730	24	3,523	12.72	44,801	1,000	14.77	14,770	126,150	238.06	30,031
1965....	133,230	26	3,411	14.95	49,213	1,027	16.27	16,713	119,200	287.10	32,500
1966....	130,510	26	3,412	17.44	57,913	842	20.12	16,939	128,500	300.57	40,974
1967....	129,100	24	3,041	17.80	54,150	892	21.10	17,324	110,950	332.00	36,826
1968....	125,400	26	3,235	18.80	60,840	918	21.90	20,097	115,850	352.00	40,743
1969 <sup>3</sup> ....	123,830	24	2,917	19.70	57,451	849	23.50	19,978	103,400	362.00	37,473

<sup>1</sup> Excludes 44,000 cwt. (2,200 tons) not marketed in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value: 120,000 cwt. (6,000 tons) in 1965, and 91,000 cwt. (4,550 tons) in 1966.<sup>2</sup> Fresh market on f.o.b. basis. Beginning 1964, processing value at packing plant door; prior to 1964, average price received by growers at receiving point.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 229.

Table 228.—Asparagus, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69

Season and State	Acreage <sup>1</sup>			Production			Value per unit				
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>		
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>		
Spring:											
California .....	50,200	46,700	44,700	1,406	1,494	1,296	18.60	19.20	20.40		
Late spring:											
Massachusetts ..	950	950	900	17	21	18	19.70	24.20	22.60		
New Jersey .....	24,800	24,300	22,700	546	583	<sup>3</sup> 477	18.20	19.50	19.40		
Illinois .....	9,900	8,800	9,000	168	158	144	18.70	15.80	17.60		
Michigan .....	12,700	13,200	13,900	190	172	208	18.80	20.60	21.00		
Maryland .....	3,800	3,400	3,900	68	68	62	16.70	18.90	19.00		
Washington .....	16,700	17,100	17,400	451	530	505	16.10	17.30	18.00		
Oregon .....	1,200	1,300	1,300	32	31	30	15.50	15.90	16.70		
Other States <sup>4</sup> ..	8,850	9,650	10,030	163	178	177	18.30	18.90	20.90		
Total or average ..	78,900	78,700	79,130	1,635	1,741	1,621	17.10	18.50	19.10		
United States .....	129,100	125,400	123,830	3,041	3,235	2,917	17.80	18.80	19.70		

  

Season and State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
Spring:												
California .....	526	598	536	21.60	21.50	23.90	44,000	44,800	38,000	336.00	352.00	358.00
Late spring:												
Massachusetts ..	17	21	18	19.70	24.20	22.60						
New Jersey .....	165	170	<sup>3</sup> 148	19.80	22.70	22.20	19,050	20,650	16,450	349.00	363.00	364.00
Illinois .....	10	8	11	21.60	25.30	26.40	7,900	7,500	6,650	264.00	306.00	337.00
Michigan .....	10	12	14	20.20	20.50	21.00	9,000	8,000	9,700	374.00	412.00	420.00
Maryland .....	3	2	1	19.80	21.20	21.40	3,250	3,300	3,050	332.00	376.00	379.00
Washington .....	66	86	71	20.10	21.70	22.50	19,250	22,200	21,700	309.00	329.00	345.00
Oregon .....							1,600	1,550	1,500	310.00	318.00	333.00
Other States <sup>5</sup> ..	25	21	50	22.20	24.60	25.40	6,900	7,850	6,350	351.00	363.00	382.00
Total or average ..	296	320	313	20.10	22.60	22.90	66,950	71,050	65,400	329.00	351.00	365.00
United States .....	822	918	849	21.10	21.90	23.50	110,950	115,850	103,400	332.00	352.00	362.00

<sup>1</sup> Fresh market and processing asparagus is frequently harvested from the same acreage; therefore it is not practical to make individual acreage estimates for these segments.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1969—late spring, New Jersey, 44.

<sup>4</sup> Mostly for processing; includes Pennsylvania, Ohio, Indiana, Minnesota, Iowa, Missouri, Delaware, Virginia, Tennessee, and Arkansas.

<sup>5</sup> Fresh market includes Pennsylvania, Ohio, Iowa, and Delaware. Processing includes Indiana, Minnesota, Iowa, Missouri, Delaware, Virginia, Tennessee, and Arkansas.

Statistical Reporting Service.



**Table 229.—Beans, green lima, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967–69**

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>FOR FRESH MARKET<sup>2</sup></b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Spring: Florida.....	900	900	.....	27	22	.....	13.00	14.20	.....
Summer:									
New Jersey.....	1,000	900	.....	33	32	.....	13.70	10.60	.....
North Carolina.....	1,000	1,000	.....	35	30	.....	11.80	12.70	.....
South Carolina.....	1,700	1,500	.....	39	32	.....	11.10	10.70	.....
Georgia.....	3,000	3,000	.....	78	69	.....	11.00	11.90	.....
Alabama.....	3,300	3,200	.....	76	74	.....	11.40	11.90	.....
Total or average.....	10,000	9,600	.....	261	237	.....	11.60	11.70	.....
United States.....	10,900	10,500	.....	288	259	.....	11.70	11.90	.....
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons<sup>3</sup></i>	<i>Tons<sup>3</sup></i>	<i>Tons<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Wisconsin.....	7,600	8,300	8,300	7,600	8,720	8,380	165.00	162.00	156.00
Delaware.....	21,500	21,800	13,400	18,600	11,660	11,120	172.00	171.00	144.00
Maryland.....	3,500	3,900	3,300	2,730	2,380	2,820	137.00	174.00	147.00
Washington.....	6,600	6,500	6,500	8,710	6,560	9,620	169.00	173.00	166.00
California.....	30,500	33,400	25,500	51,850	58,450	40,040	194.00	223.00	211.00
Other States <sup>4</sup> .....	27,610	30,810	25,850	26,190	27,350	25,690	160.00	159.00	162.00
United States.....	97,310	104,710	82,850	115,680	115,120	97,670	<sup>5</sup> 178.00	<sup>5</sup> 194.00	<sup>5</sup> 180.00
Grand total.....	108,210	115,210	82,850	122,880	121,595	97,670	195.00	209.00	180.00

<sup>1</sup> Preliminary. <sup>2</sup> Estimates discontinued in 1969. <sup>3</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans. <sup>4</sup> New York, New Jersey, Pennsylvania, Ohio, Illinois, Michigan, Minnesota, Missouri, Virginia, Tennessee, Alabama, Arkansas, Oklahoma, Idaho, Utah, and Oregon. <sup>5</sup> Derived value per ton on shelled basis.

Statistical Reporting Service.

**Table 230.—Beans, green lima, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954–69**

Year	For fresh market <sup>1</sup>					For processing				
	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Acreage har- vested	Yield per acre	Produc- tion	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.<sup>5</sup></i>	<i>1,000</i>	<i>Dollars</i>	<i>1,000</i>	<i>Acres</i>	<i>Pounds<sup>6</sup></i>	<i>Tons<sup>6</sup></i>	<i>Dollars</i>	<i>1,000</i>
1954.....	16,520	24	398	8.60	3,423	113,420	1,838	104,250	149.50	15,584
1955.....	15,850	24	375	7.13	2,611	101,180	1,751	88,600	142.70	12,642
1956.....	14,580	24	356	8.73	3,090	100,440	2,151	108,010	150.10	16,217
1957.....	13,300	25	333	8.98	2,963	90,650	2,044	92,650	141.80	13,137
1958.....	13,300	26	345	8.32	2,844	81,680	2,175	88,810	140.90	12,510
1959.....	16,800	22	374	9.72	3,636	78,510	2,105	82,640	133.33	11,018
1960.....	17,150	25	437	8.08	3,530	91,810	2,247	103,150	143.42	14,794
1961.....	16,500	24	399	8.73	3,485	100,070	2,313	115,710	144.91	16,768
1962.....	15,600	25	387	9.07	3,510	92,030	2,356	108,430	151.06	16,379
1963.....	14,900	25	374	8.70	3,238	71,650	2,368	84,850	148.36	12,588
1964.....	13,250	25	333	9.96	3,306	75,910	2,076	78,810	181.58	14,310
1965.....	11,900	25	303	10.35	3,137	83,970	2,297	96,450	176.75	17,048
1966.....	11,200	25	279	11.70	3,263	96,950	2,155	104,450	174.23	18,198
1967.....	10,900	26	288	11.70	3,373	97,310	2,380	115,680	178.00	20,543
1968.....	10,500	25	259	11.90	3,076	104,710	2,200	115,120	194.00	22,337
1969 <sup>7</sup> .....	.....	.....	.....	.....	.....	82,850	2,360	97,670	180.00	17,533

<sup>1</sup> Estimates discontinued in 1969.

<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 9 in 1955, 2 in 1956, 3 in 1957, 3 in 1958, 2 in 1963, and 1 in 1964.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>5</sup> In the shell.

<sup>6</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.

<sup>7</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 232.

Table 231.—Beans, snap, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-69

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Acreage harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</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>
1954	152,800	34	5,262	8.18	42,888	153,900	2.2	346,430	119.50	41,396
1955	151,700	36	5,527	7.93	42,159	134,490	2.3	305,690	111.10	33,976
1956	133,380	35	4,644	9.17	41,913	137,810	2.5	338,630	119.00	40,282
1957	126,370	37	4,731	9.21	43,177	153,380	2.4	361,310	117.00	42,260
1958	123,700	36	4,410	8.05	34,298	153,360	2.4	365,000	110.50	40,327
1959	119,300	36	4,258	9.26	39,040	162,270	2.3	365,860	106.55	38,982
1960 <sup>4</sup>	121,030	37	4,494	8.74	38,951	173,680	2.3	406,970	108.31	44,080
1961	117,870	38	4,484	8.84	38,875	189,260	2.5	478,550	104.95	50,224
1962	111,110	37	4,118	9.52	38,867	182,610	2.5	450,790	101.81	45,895
1963	106,730	38	4,106	9.67	39,272	194,040	2.4	474,430	99.68	47,291
1964	102,440	39	4,005	10.07	38,881	216,930	2.2	469,880	101.73	47,800
1965	96,930	40	3,884	10.74	40,094	230,660	2.3	540,680	96.63	52,244
1966	97,660	37	3,633	11.97	43,464	245,480	2.1	521,920	100.82	52,618
1967	98,190	39	3,797	11.50	43,724	274,010	2.3	636,790	102.00	64,726
1968	95,140	37	3,549	12.60	44,598	267,110	2.3	626,700	99.80	62,563
1969 <sup>5</sup>	89,250	38	3,361	12.80	43,138	238,290	2.4	565,530	99.20	56,082

<sup>1</sup> Excludes 38,000 cwt. not marketed in 1968. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 18 in 1954, 208 in 1955, 73 in 1956, 43 in 1957, 150 in 1958, 44 in 1959, 35 in 1960, 85 in 1961, 35 in 1962, 45 in 1963, 143 in 1964, 152 in 1965, and 3 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Beginning 1960, includes Hawaii.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 233.

Table 232.—Beans, snap, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
<b>FOR FRESH MARKET</b>									
Winter: Florida	17,000	14,900	15,300	612	492	566	12.70	15.20	13.10
Early spring:									
Florida	11,000	12,900	12,700	429	<sup>2</sup> 438	419	11.70	11.30	10.00
Texas	900	900	( <sup>3</sup> )	20	19	( <sup>3</sup> )	14.50	12.50	( <sup>3</sup> )
Total or average	11,900	13,800	12,700	449	457	419	11.80	11.40	10.00
Mid-spring:									
South Carolina	3,700	3,800	3,200	130	122	96	11.80	8.60	12.90
Georgia	3,000	3,000	2,600	72	75	62	9.80	9.80	12.80
Alabama	700	700	650	19	16	15	11.20	13.70	14.30
Louisiana	2,200	2,200	2,100	75	66	52	9.60	9.90	12.10
Total or average	9,600	9,700	8,550	296	279	225	10.70	9.52	12.80
Late spring:									
New Jersey	3,800	3,500	3,200	133	122	134	12.70	12.00	12.30
Maryland	1,600	1,700	1,400	53	51	45	9.20	9.30	10.30
Virginia	2,600	2,200	2,300	78	88	87	12.90	8.70	10.20
North Carolina	3,300	3,500	3,200	116	122	96	10.00	6.20	9.90
California	1,200	1,200	1,100	96	126	104	17.00	17.50	15.10
Total or average	12,500	12,100	11,200	476	509	466	12.60	11.10	11.80

See footnotes at end of table.

Table 232.—Beans, snap, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69—Continued

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>FOR FRESH MARKET—continued</b>									
Summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
New Hampshire.....	130	130	( <sup>2</sup> )	5	5	( <sup>2</sup> )	13.90	17.80	( <sup>3</sup> )
Massachusetts.....	800	800	750	29	28	30	14.80	17.90	17.90
Rhode Island.....	140	140	( <sup>2</sup> )	6	6	( <sup>2</sup> )	15.40	15.50	( <sup>3</sup> )
Connecticut.....	650	700	650	26	24	26	16.00	18.60	17.80
New York.....	7,200	6,700	6,100	295	281	274	10.30	12.90	13.00
Pennsylvania.....	800	800	800	40	40	48	11.00	12.30	12.00
Ohio.....	1,600	1,600	1,600	96	96	80	10.50	10.30	12.30
Illinois.....	1,200	1,200	( <sup>2</sup> )	36	31	( <sup>2</sup> )	11.60	10.10	( <sup>3</sup> )
Michigan.....	2,100	2,200	2,600	63	84	88	11.00	13.80	12.20
Virginia.....	500	400	400	20	12	16	8.50	10.20	11.40
North Carolina.....	5,600	5,600	5,600	258	269	224	8.40	10.30	12.20
Georgia.....	1,300	1,200	1,200	49	44	42	12.50	12.00	13.50
Tennessee.....	900	1,200	1,500	42	54	64	8.80	9.70	10.60
Alabama.....	800	750	750	24	22	23	12.30	12.80	15.50
Colorado.....	650	750	( <sup>2</sup> )	26	33	( <sup>2</sup> )	11.40	11.80	( <sup>3</sup> )
Total or average.....	24,370	24,170	21,950	1,015	1,029	915	10.40	12.00	12.80
Early fall:									
New Jersey.....	2,200	2,500	2,300	70	80	74	12.70	11.40	12.10
Maryland.....	800	850	650	27	28	27	9.00	9.00	10.60
Virginia.....	4,000	3,300	4,000	136	119	132	9.80	9.80	12.20
North Carolina.....	550	500	600	19	18	20	11.00	9.70	11.20
South Carolina.....	1,700	1,400	1,200	61	35	40	10.70	11.70	11.10
Louisiana.....	550	500	500	19	17	18	9.40	9.90	11.90
California.....	1,500	1,400	1,300	120	133	117	15.00	16.20	16.00
Total or average.....	11,300	10,450	10,550	452	430	428	11.70	12.20	13.00
Late fall:									
Florida.....	11,000	9,500	9,000	473	332	342	11.00	16.60	17.20
Texas.....	400	400	( <sup>2</sup> )	10	9	( <sup>2</sup> )	10.60	14.10	( <sup>3</sup> )
Total or average.....	11,400	9,900	9,000	483	341	342	11.00	16.50	17.20
All groups.....	98,070	95,020	89,250	3,783	3,537	3,361	11.50	12.50	12.80
Hawaii.....	120	120	( <sup>2</sup> )	14	12	( <sup>2</sup> )	26.10	34.40	( <sup>3</sup> )
United States.....	98,190	95,140	89,250	3,797	3,549	3,361	11.50	12.60	12.80
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
New York.....	52,600	53,500	48,500	105,200	96,300	97,000	92.00	91.80	88.70
Pennsylvania.....	8,800	9,800	6,200	18,500	17,600	12,400	97.70	92.40	93.30
Delaware.....	9,300	9,700	9,100	15,800	13,600	14,600	95.20	89.50	93.40
Maryland.....	11,900	13,000	8,700	20,200	22,100	13,900	99.20	97.60	93.00
Virginia.....	3,400	3,000	2,100	4,800	6,300	3,400	138.00	105.00	98.60
North Carolina.....	4,000	3,300	1,400	6,800	5,900	3,600	110.00	102.00	87.20
South Carolina.....	650	800	400	1,700	1,500	760	105.00	109.00	81.50
Florida.....	9,300	5,600	5,400	18,600	8,400	9,200	111.00	114.00	102.00
Illinois.....	10,300	11,000	9,400	20,600	19,800	23,500	99.40	104.00	98.40
Michigan.....	14,900	10,600	11,200	22,400	22,300	19,000	92.40	89.30	90.50
Wisconsin.....	43,000	41,200	45,400	90,300	90,600	95,300	81.00	81.20	85.70
Tennessee.....	11,600	11,300	10,700	20,900	19,200	19,300	120.00	111.00	106.00
Arkansas.....	6,200	6,000	7,200	13,000	14,400	12,200	102.00	95.40	91.30
Oklahoma.....	4,100	2,100	2,000	7,400	4,200	3,800	105.00	98.10	82.80
Texas.....	5,500	7,000	5,100	10,400	16,800	9,200	95.40	108.00	99.40
Colorado.....	2,300	2,300	2,100	5,800	5,800	5,200	84.20	87.70	81.80
Washington.....	4,700	4,900	3,300	15,500	17,600	10,900	122.00	106.00	113.00
Oregon.....	29,600	29,000	28,600	148,000	153,700	140,100	113.00	108.00	110.00
California.....	13,500	13,900	10,600	28,400	29,200	26,500	122.00	133.00	142.00
Other States <sup>4</sup> .....	28,360	29,110	20,890	62,490	61,400	45,670	104.00	103.00	99.00
United States.....	274,010	267,110	238,290	636,790	626,700	565,530	102.00	99.80	99.20
Grand total.....	372,200	362,250	327,540	826,640	804,150	733,580	<sup>5</sup> 131.00	<sup>5</sup> 133.00	<sup>5</sup> 135.00

<sup>1</sup> Preliminary. <sup>2</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—early spring, Florida, 38. <sup>3</sup> Estimates discontinued. <sup>4</sup> Maine, New Hampshire, Massachusetts, New Jersey, Ohio, Indiana, Minnesota, Missouri, South Dakota, Kansas, Georgia, Kentucky, Alabama, Mississippi, Louisiana, Montana, Wyoming, Idaho, and Utah. <sup>5</sup> Derived value per ton.

Table 233.—Beets, commercial crop: Acreage, yield, production, value per hundred-weight and per ton, and total value, United States, 1954–69

Year	For fresh market <sup>1</sup>					For processing				
	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Acreage harvested	Yield per acre	Production	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars	
1954.....	6,220	110	685	4.32	2,820	16,120	9.3	149,700	20.60	3,078
1955.....	5,840	106	620	4.13	2,492	18,320	7.9	144,300	20.60	2,974
1956.....	5,880	108	634	4.34	2,752	20,720	9.5	196,900	19.20	3,782
1957.....	4,450	120	536	4.11	2,178	17,250	9.5	163,600	19.10	2,127
1958.....	4,500	116	523	3.55	1,859	16,160	9.5	153,200	17.70	2,715
1959.....	3,700	119	430	3.72	1,632	14,190	10.3	146,700	18.45	2,707
1960.....	4,000	126	505	4.09	2,067	14,780	9.9	145,860	19.24	2,806
1961.....	3,750	125	469	4.16	1,951	17,240	10.6	182,560	18.57	3,390
1962.....	3,550	114	404	3.75	1,515	17,120	12.2	208,840	18.70	3,905
1963.....	3,150	123	388	4.46	1,729	18,700	11.3	211,410	17.21	3,638
1964.....	2,940	123	361	4.68	1,688	16,220	11.0	177,790	19.04	3,385
1965.....	2,700	123	351	5.23	1,730	14,530	12.3	175,510	18.32	3,271
1966.....	2,800	116	326	4.15	1,352	17,050	11.4	193,910	19.98	3,874
1967.....	2,750	107	294	4.09	1,202	17,630	11.7	206,350	20.50	4,226
1968.....	1,800	134	241	5.22	1,259	21,160	12.7	269,200	23.80	6,394
1969 <sup>5</sup> .....						17,790	12.1	215,750	21.90	4,728

<sup>1</sup> Estimates discontinued in 1969.

<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundred-weight): 32 in 1954, 16 in 1955, and 6 in 1957.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 235.

Table 234.—Beets, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1967–69

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
<b>FOR FRESH MARKET <sup>2</sup></b>									
Winter: Texas.....	1,800	900		126	94		4.60	6.00	
Summer:									
New Jersey.....	700	650		116	107		3.15	4.55	
Pennsylvania.....	250	250		52	40		4.95	5.20	
Total or average.....	950	900		168	147		3.70	4.73	
United States.....	2,750	1,800		294	241		4.09	5.22	
<b>FOR PROCESSING</b>									
New York.....	4,600	5,100	4,300	78,200	89,200	71,400	19.20	21.40	19.50
Wisconsin.....	6,400	7,700	6,600	57,600	92,400	65,300	21.40	21.80	20.40
Texas.....	3,300	4,400	2,700	26,100	26,800	18,600	19.90	26.80	26.40
Oregon.....	2,000	2,300	2,400	30,800	42,600	43,000	20.80	30.40	25.50
Other States <sup>3</sup> .....	1,330	1,660	1,790	13,650	18,200	17,450	24.30	25.20	23.90
United States.....	17,630	21,160	17,790	206,350	269,200	215,750	20.50	23.80	21.90
Grand total.....	20,380	22,960	17,790	221,050	281,250	215,750	<sup>4</sup> 24.60	<sup>4</sup> 27.20	<sup>4</sup> 21.90

<sup>1</sup> Preliminary.

<sup>2</sup> Estimates discontinued in 1969.

<sup>3</sup> New Jersey, Ohio, Illinois, Michigan, Minnesota, Virginia, Colorado, Utah, Washington, and California.

<sup>4</sup> Derived value per ton.

Statistical Reporting Service.

**Table 235.—Broccoli, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69<sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1954.....	35,700	49	1,763	7.82	13,783	1962.....	37,350	55	2,064	8.22	16,972
1955.....	39,660	53	2,105	7.91	16,659	1963.....	41,450	59	2,448	7.85	19,224
1956.....	44,200	53	2,356	7.79	18,357	1964.....	38,100	61	2,323	7.97	18,522
1957.....	39,570	47	1,857	7.36	13,666	1965.....	37,470	59	2,211	8.31	18,369
1958.....	40,580	53	2,168	7.73	16,762	1966.....	39,280	68	2,677	8.68	23,247
1959.....	41,550	50	2,065	7.87	16,252	1967.....	43,360	64	2,782	8.88	24,696
1960.....	41,980	57	2,372	7.92	18,780	1968.....	42,950	72	3,080	8.93	27,497
1961.....	40,950	58	2,362	8.02	18,944	1969 <sup>3</sup> .....	36,360	63	2,304	10.50	24,162

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. Includes production for fresh market and processing.

<sup>2</sup> F.o.b. basis.  
<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 237.

**Table 236.—Broccoli, commercial crop: Acreage, production, and value per hundredweight, by States, 1967-69<sup>1</sup>**

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Winter:									
Texas.....	3,100	1,300	2,300	68	46	55	13.70	8.15	10.70
Arizona.....	460	650	650	30	39	42	11.70	12.00	13.00
Total or average.....	3,560	1,950	2,950	98	85	97	13.10	9.92	11.70
Early spring:									
California.....	15,600	17,300	11,800	1,326	1,557	885	8.25	8.38	10.40
Fall:									
New York and New Jersey.....	2,100	1,450	310	108	79	16	9.99	9.96	14.10
Pennsylvania.....	100	100	( <sup>3</sup> )	5	5	( <sup>3</sup> )	10.30	13.10	( <sup>3</sup> )
Washington.....	800	750	( <sup>3</sup> )	76	63	( <sup>3</sup> )	7.08	6.76	( <sup>3</sup> )
Oregon.....	3,300	3,600	2,800	185	223	196	9.17	9.41	9.43
California.....	17,900	17,800	18,500	984	1,068	1,110	9.26	9.58	10.60
Total or average.....	24,200	23,700	21,610	1,358	1,438	1,322	9.19	9.47	10.50
United States.....	43,360	42,950	36,360	2,782	3,080	2,304	8.88	8.93	10.50

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. Includes production for fresh market and processing.

<sup>2</sup> Preliminary.  
<sup>3</sup> Estimates discontinued.

Statistical Reporting Service.

Table 237.—Brussels sprouts, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>3</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
				Acres	Cwt.					1,000 cwt.	Dollars
1954	6,350	100	633	7.41	4,693	1962	6,000	110	659	10.36	6,824
1955	5,000	93	467	8.38	3,915	1963	6,200	110	681	10.01	6,817
1956	6,400	118	755	8.29	6,259	1964	6,200	118	730	10.62	7,752
1957	6,300	99	622	6.77	4,212	1965	6,400	119	760	11.98	7,967
1958	5,050	113	573	8.52	4,882	1966	6,900	106	734	11.86	8,704
1959	5,560	123	686	8.30	5,696	1967	6,600	104	685	11.50	7,874
1960	5,510	130	716	8.92	6,385	1968	6,800	94	638	11.60	7,427
1961	5,700	124	706	9.25	6,533	1969 <sup>4</sup>	6,600	95	627	11.50	7,180

<sup>1</sup> Includes production for fresh market and processing.<sup>2</sup> F.o.b. basis.<sup>3</sup> Includes the following quantity not marketed which is excluded in computing value: 95,000 cwt. in 1965.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1949-53 in *Agricultural Statistics, 1967*, table 239.Table 238.—Brussels sprouts, commercial crop: Acreage, production, and value per hundredweight, by States, 1967-69<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Fall:									
New York	900	1,200	1,100	58	78	77	8.43	7.54	7.92
California	5,700	5,600	5,500	627	560	550	11.80	12.20	11.90
United States	6,600	6,800	6,600	685	638	627	11.50	11.60	11.50

<sup>1</sup> Includes production for fresh market and processing.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 239.—Cabbage, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
<b>TOTAL CROP<sup>2</sup></b>									
Winter:									
Florida	15,400	17,000	17,600	3,234	3,910	4,048	3.30	3.50	2.84
Texas	19,000	12,500	21,000	2,470	1,875	2,625	3.51	3.61	3.65
Arizona	1,600	1,900	1,500	272	276	165	4.30	3.75	4.10
California	5,100	6,200	4,400	1,148	1,550	770	2.80	3.05	3.50
Total or average	41,100	37,600	44,500	7,124	7,611	7,608	3.33	3.44	3.21
Early spring:									
South Carolina	2,400	2,000	1,900	216	150	124	4.55	3.00	3.40
Georgia	2,500	2,500	2,600	312	275	312	2.85	2.80	2.50
Alabama	650	700	( <sup>3</sup> )	72	70	( <sup>3</sup> )	4.25	4.45	( <sup>3</sup> )
Mississippi	700	700	500	102	63	40	2.60	2.15	2.25
Louisiana	2,300	2,000	2,200	230	200	242	3.20	2.85	2.95
California	3,300	2,700	2,800	874	662	672	2.40	2.85	3.15
Total or average	11,850	10,600	10,000	1,806	1,420	1,390	2.92	2.90	2.97

See footnotes on page 166.

Table 239.—Cabbage, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1967-69—Continued

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>TOTAL CROP—con.</b>									
Late spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>
Ohio.....	400	400	380	68	90	80	3.55	2.90	3.20
Missouri.....	850	800	800	102	72	92	2.95	2.70	3.15
Maryland.....	800	750	750	120	112	120	2.20	2.40	2.65
Virginia.....	2,000	1,500	1,400	220	<sup>4</sup> 150	<sup>4</sup> 140	3.40	2.60	2.75
North Carolina.....	1,700	1,600	1,500	212	<sup>4</sup> 160	<sup>4</sup> 120	2.30	2.25	2.05
Tennessee.....	1,500	1,300	1,100	368	266	253	1.60	1.53	1.37
Total or average.....	7,250	6,350	5,930	1,090	850	805	2.41	2.21	2.29
Early summer:									
Massachusetts.....	600	650	( <sup>3</sup> 5)	132	143	( <sup>3</sup> 5)	3.20	3.95	( <sup>3</sup> 5)
Rhode Island.....	80	80	( <sup>3</sup> )	16	16	( <sup>3</sup> )	2.95	3.60	( <sup>3</sup> )
Connecticut.....	430	400	( <sup>3</sup> 5)	82	80	( <sup>3</sup> 5)	3.60	4.05	( <sup>3</sup> 5)
New Jersey.....	3,000	3,100	2,900	630	651	638	2.65	2.90	2.85
Ohio.....	1,400	1,300	1,300	315	280	260	2.80	3.20	3.65
Virginia.....	750	700	650	180	147	130	1.84	2.52	3.35
Total or average.....	6,260	6,230	4,850	1,355	1,317	1,028	2.69	3.11	3.12
Late summer:									
Pennsylvania.....	2,200	1,800	1,800	484	378	378	2.24	2.65	2.73
Indiana.....	1,200	1,100	1,000	282	220	240	2.30	2.77	2.47
Illinois.....	2,400	2,300	2,000	480	448	400	2.85	3.45	3.55
Iowa.....	280	280	( <sup>3</sup> )	38	36	( <sup>3</sup> )	3.70	3.90	( <sup>3</sup> )
North Carolina.....	3,200	3,200	3,000	<sup>4</sup> 735	608	600	1.54	2.24	2.41
Georgia.....	500	500	( <sup>3</sup> 6)	55	60	( <sup>3</sup> 6)	3.70	3.75	( <sup>3</sup> 6)
Colorado.....	1,900	2,000	2,000	<sup>4</sup> 436	440	470	1.97	3.15	2.63
Washington.....	1,300	1,100	900	306	297	180	2.96	2.79	3.87
California.....	2,700	2,400	2,500	634	528	562	2.85	3.50	2.85
Total or average.....	15,680	14,680	13,200	3,453	3,015	2,830	2.36	2.97	2.82
Early fall:									
New Hampshire.....	270	230	( <sup>3</sup> )	51	46	( <sup>3</sup> )	2.70	4.00	( <sup>3</sup> )
Massachusetts.....	700	600	1,100	136	123	209	3.00	4.30	4.20
Rhode Island.....	80	80	( <sup>3</sup> )	16	16	( <sup>3</sup> )	2.75	4.95	( <sup>3</sup> )
Connecticut.....	550	500	850	110	95	153	3.25	4.70	4.45
New York:									
Long Island.....	1,300	1,100	1,100	<sup>4</sup> 257	242	226	2.05	2.95	3.90
Upstate.....	10,150	10,200	9,800	<sup>4</sup> 7,060	<sup>7</sup> 4,151	<sup>7</sup> 3,283	1.45	2.00	2.22
New Jersey.....	2,000	2,000	2,000	400	380	400	2.40	3.60	4.20
Pennsylvania.....	1,000	1,100	1,100	240	253	242	2.10	3.25	3.70
Ohio.....	2,200	2,000	2,000	825	610	610	1.14	1.36	1.55
Michigan.....	3,300	3,600	4,500	693	702	922	2.35	3.12	3.48
Wisconsin.....	6,400	5,700	5,800	1,952	1,824	1,827	1.09	1.55	1.55
Minnesota.....	1,000	850	700	210	170	140	2.65	3.45	3.80
Oregon and Idaho.....	1,410	1,470	1,750	429	450	592	2.04	2.16	1.93
Total or average.....	30,360	29,430	30,700	9,379	9,042	8,604	1.60	2.19	2.43
Late fall:									
Virginia.....	270	250	300	<sup>4</sup> 37	35	39	2.80	3.65	4.80
North Carolina.....	1,700	1,700	1,700	238	221	221	1.75	2.60	3.55
South Carolina.....	150	100	100	18	12	12	3.15	3.15	4.80
Total or average.....	2,120	2,050	2,100	293	268	272	1.97	2.76	3.78
All groups.....	114,620	106,940	111,280	24,500	23,523	22,537	2.41	2.80	2.82
Alaska.....	25	25	( <sup>6</sup> )	2.2	3.8	( <sup>6</sup> )	9.50	10.80	( <sup>6</sup> )
Hawaii.....	500	500	420	98	<sup>4</sup> 97	99	6.30	6.70	5.80
United States.....	115,145	107,465	111,700	24,600	23,624	22,636	2.43	2.80	2.84
<b>FOR SAUERKRAUT</b>							<i>Dollars</i> <i>per ton</i>	<i>Dollars</i> <i>per ton</i>	<i>Dollars</i> <i>per ton</i>
New York.....	44,00	4,000	4,100	107,800	92,000	77,900	15.60	17.20	18.80
Ohio.....	1,600	1,400	1,400	32,000	22,500	23,500	16.20	16.20	16.30
Wisconsin.....	4,300	3,800	3,900	70,100	64,600	65,500	16.60	18.20	18.70
Other States <sup>8</sup> .....	3,980	3,360	3,570	63,200	52,700	56,050	20.30	20.00	19.80
United States.....	14,280	12,560	12,970	273,100	231,800	222,950	17.00	18.00	18.80

See footnotes on page 166.

Table 240.—Cabbage, commercial crop: Acreage, yield, production, shrinkage and loss, value per hundredweight and per ton, total value, and stocks, United States, 1954-69

Year	Total crop					Value <sup>3</sup>		Stocks <sup>4</sup>	
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Shrinkage and loss <sup>2</sup>	Value <sup>3</sup>		Dec. 1	Jan. 1 <sup>5</sup>	
					Per cwt.	Total			
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	
1954	148,030	176	25,983		1.49	36,442	1,311	617	
1955	134,160	163	21,893		2.25	48,059	475	154	
1956	138,320	196	27,172		1.61	42,020	1,372	943	
1957	121,290	179	21,732		2.13	45,994	640	366	
1958	125,840	189	23,788		1.97	45,722	973	571	
1959	122,880	172	21,076	142	2.38	48,709	375	85	
1960 <sup>6</sup>	128,255	191	24,514	338	2.09	49,565	1,000	580	
1961	129,365	180	23,294	133	1.89	42,845	1,030	720	
1962	122,070	189	23,070	165	2.69	61,182	1,125	695	
1963	117,635	196	23,019	228	2.35	53,125	1,150	855	
1964	116,290	190	22,084	164	2.52	53,905	910	460	
1965	115,910	201	23,261	270	2.41	54,724	1,180	810	
1966	111,350	195	21,714	148	3.31	70,469	725	390	
1967	115,145	214	24,600	200	2.43	59,317	980	720	
1968	107,465	220	23,624	191	2.80	66,106	1,020	610	
1969 <sup>7</sup>	111,700	203	22,636	164	2.84	63,743	745	400	

Year	For fresh market					For sauerkraut				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>		Acreage harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</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>
1954	132,200	165	21,811	1.68	33,937	15,830	13.2	208,600	12.00	2,505
1955	120,910	154	18,679	2.48	45,131	13,250	12.1	160,700	18.20	2,928
1956	121,950	180	21,994	1.86	38,962	16,370	15.8	258,900	11.80	3,058
1957	109,830	167	18,325	2.38	43,438	11,460	14.9	170,000	15.00	2,556
1958	113,890	173	19,728	2.27	43,372	11,950	17.0	203,000	11.60	2,350
1959	112,010	162	18,091	2.65	46,437	10,870	13.7	149,280	15.22	2,272
1960 <sup>8</sup>	114,055	176	20,105	2.40	46,146	14,200	15.5	220,460	15.51	3,419
1961	116,275	163	18,949	2.19	40,098	13,090	16.5	215,700	12.74	2,747
1962	109,940	171	18,813	3.16	58,382	12,130	17.4	211,270	13.25	2,800
1963	106,105	179	19,023	2.71	50,556	11,530	17.1	197,260	13.04	2,572
1964	106,010	177	18,802	2.84	51,404	10,280	15.8	162,850	15.36	2,501
1965	103,160	179	18,483	2.87	51,466	12,750	18.7	238,910	13.64	3,258
1966	100,590	180	18,123	3.77	66,873	10,760	16.7	179,580	20.03	3,596
1967	100,865	190	19,132	2.87	54,664	14,280	19.1	273,100	17.00	4,646
1968	94,905	200	18,988	3.28	61,928	12,560	18.5	231,800	18.00	4,178
1969 <sup>7</sup>	98,730	184	18,177	3.29	59,561	12,970	17.2	222,950	18.80	4,182

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 420 in 1967, 144 in 1968, and 135 in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 1,573 in 1954, 516 in 1955, 1,003 in 1956, 112 in 1957, 629 in 1958, 432 in 1959, 504.4 in 1960, 523.3 in 1961, 156.4 in 1962, 145.6 in 1963, 507.2 in 1964, 305 in 1965, and 258 in 1966.

<sup>2</sup> New York storage crop; excluded in computing value for total crop and fresh market. Not available prior to 1959.

<sup>3</sup> Fresh market value on f.o.b. basis. Beginning 1964, processing value at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Grower and dealer stocks, New York only.

<sup>5</sup> Jan. 1 of succeeding year.

<sup>6</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>7</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 241.

## FOOTNOTES FOR TABLE 239

<sup>1</sup> Preliminary.

<sup>2</sup> Includes production for fresh market and processing.

<sup>3</sup> Estimates discontinued.

<sup>4</sup> Excludes the following quantities not harvested because of economic conditions (1,000 hundredweight): 1967—late summer, North Carolina, 54, and Colorado, 24; early fall, New York, Long Island, 16, and New York, Upstate, 318; late fall, Virginia, 8; 1968—Hawaii, 1; late spring, Virginia, 60, and North Carolina, 83; 1969—late spring, Virginia, 60, and North Carolina, 75.

<sup>5</sup> Combined with "Early fall."

<sup>6</sup> Combined with "Early spring."

<sup>7</sup> Storage crop includes some quantities lost by shrinkage and waste.

<sup>8</sup> Pennsylvania, Indiana, Michigan, Virginia, North Carolina, Florida, Tennessee, Texas, Idaho, Colorado, Washington, and Oregon.

Statistical Reporting Service.



Table 241.—Cantaloups, commercial crop: Acreage, production, and value per hundredweight, by States, 1967–69<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>
Spring:									
Florida.....	1,000	1,000	1,200	90	70	72	5.20	6.70	7.60
Texas.....	12,500	12,500	18,000	1,312	938	1,260	8.70	5.60	7.20
Arizona.....	10,900	11,600	12,800	1,308	1,392	1,664	9.70	8.10	6.30
California.....	9,400	13,100	16,100	1,175	1,441	1,852	8.40	7.30	6.00
Total or average.....	33,800	38,200	48,100	3,885	3,841	4,848	8.86	7.16	6.44
Early summer:									
South Carolina.....	3,500	3,500	3,500	147	158	175	3.90	4.05	4.60
Georgia.....	5,500	5,700	5,800	330	342	302	6.90	5.70	6.30
Alabama.....	1,500	1,300	( <sup>3</sup> )	78	72	( <sup>3</sup> )	4.90	4.25	( <sup>3</sup> )
Oklahoma.....	1,900	1,900	( <sup>3</sup> )	114	114	( <sup>3</sup> )	3.05	3.25	( <sup>3</sup> )
Arizona.....	1,100	1,000	2,100	82	120	231	8.70	7.10	5.80
Total or average.....	13,500	13,400	11,400	751	806	708	5.72	5.11	5.72
Mid-summer:									
Indiana.....	2,200	2,200	2,100	275	253	273	3.55	3.70	4.20
Illinois.....	1,300	1,300	( <sup>3</sup> )	78	84	( <sup>3</sup> )	2.55	2.95	( <sup>3</sup> )
Delaware.....	350	400	( <sup>3</sup> )	21	28	( <sup>3</sup> )	2.75	3.65	( <sup>3</sup> )
Maryland.....	1,000	1,100	( <sup>3</sup> )	60	77	( <sup>3</sup> )	2.75	3.65	( <sup>3</sup> )
North Carolina.....	1,100	1,100	( <sup>3</sup> )	72	60	( <sup>3</sup> )	6.40	6.40	( <sup>3</sup> )
Texas.....	7,000	8,000	7,500	322	264	262	5.70	6.20	5.60
California.....	35,500	38,700	46,300	5,827	6,966	6,714	5.11	5.30	5.10
Total or average.....	48,450	52,800	55,900	6,655	7,732	7,249	5.03	5.24	5.08
Late summer:									
New York.....	900	800	800	86	80	68	6.10	6.20	7.50
New Jersey.....	1,400	1,300	( <sup>3</sup> )	77	78	( <sup>3</sup> )	3.70	4.00	( <sup>3</sup> )
Ohio.....	1,500	1,400	1,500	141	119	112	4.95	4.75	5.00
Michigan.....	2,200	2,100	2,000	187	178	170	6.80	7.20	7.70
Kansas.....	900	700	( <sup>3</sup> )	81	63	( <sup>3</sup> )	5.20	4.95	( <sup>3</sup> )
Colorado.....	2,300	2,400	2,400	184	240	216	3.35	4.15	3.90
Washington.....	500	450	( <sup>3</sup> )	45	36	( <sup>3</sup> )	3.00	3.60	( <sup>3</sup> )
Total or average.....	9,700	9,150	6,700	801	794	566	4.93	5.15	5.69
Early fall:									
Arizona.....	450	400	1,000	54	40	60	6.40	7.20	6.00
California.....	2,800	2,800	2,800	406	322	294	4.65	5.40	4.50
Total or average.....	3,250	3,200	3,800	460	362	354	4.86	5.60	4.75
United States.....	108,700	116,750	125,900	12,552	13,535	13,725	6.25	5.78	5.61

<sup>1</sup> Includes casaba and persian melons, but not honeyball and honeydew melons.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued.

Statistical Reporting Service.

Table 242.—Cantaloups, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>3</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	139,370	95	13,197	4.00	52,784	1962	128,850	104	13,343	4.23	55,608
1955	138,070	94	12,937	4.18	54,064	1963	122,150	110	13,409	4.96	66,554
1956	127,500	97	12,333	4.19	51,631	1964	121,450	100	12,162	5.02	61,009
1957	119,850	93	11,110	5.13	56,954	1965	110,100	106	11,714	5.51	63,229
1958	131,350	95	12,424	3.98	47,881	1966	105,300	102	10,753	6.27	67,470
1959	125,850	104	12,870	4.38	56,361	1967	108,700	115	12,552	6.25	78,407
1960	125,900	100	12,562	4.33	54,337	1968	116,750	116	13,535	5.78	78,261
1961	120,450	106	12,765	5.01	63,981	1969 <sup>4</sup>	125,900	109	13,725	5.61	77,021

<sup>1</sup> Includes casaba and persian melons, but not honeyball and honeydew melons.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 193 in 1962, and 242 in 1965.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 244.

Table 243.—Carrots, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	79,750	190	15,113	3.92	57,918	1962	83,340	202	16,808	3.33	56,005
1955	79,880	186	14,838	3.93	57,778	1963	91,170	198	18,015	2.91	52,184
1956	79,040	206	16,253	3.49	56,271	1964	82,505	197	16,215	3.46	56,175
1957	79,490	190	15,095	4.05	61,069	1965	79,975	220	17,588	3.51	61,819
1958	82,240	199	16,363	3.50	56,305	1966	80,530	216	17,386	4.03	69,994
1959	80,750	192	15,480	3.55	55,014	1967	81,265	218	17,724	4.21	74,595
1960 <sup>4</sup>	83,625	219	18,335	3.12	54,558	1968	72,595	266	19,346	4.32	83,498
1961	73,970	214	15,797	3.86	61,011	1969 <sup>5</sup>	80,400	227	18,275	4.60	84,097

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.

<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 321 in 1954, 135 in 1955, 110 in 1956, 289 in 1958, 871.8 in 1960, 0.5 in 1961, 0.6 in 1962, and 110.4 in 1963.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Beginning 1960, includes Alaska.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 245.

## FOOTNOTES FOR TABLE 249

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 30 in 1967, and 49 in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 233 in 1955, 13 in 1956, 180 in 1958, 105 in 1959, 242 in 1961, 50 in 1962, 228 in 1963, 157 in 1964, 46 in 1965, and 89 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Beginning 1960, includes Hawaii.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 251.

Table 244.—Carrots, commercial crop: Acreage, production, and value per hundred-weight, by States, 1967-69<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
Winter:									
Texas.....	30,600	16,000	28,000	3,519	2,560	3,640	3.30	6.50	4.05
California.....	7,500	10,200	8,600	2,025	2,703	2,408	5.09	5.89	4.94
Total or average.....	38,100	26,200	36,600	5,544	5,263	6,048	3.96	6.19	4.40
Spring: Arizona.....	3,800	3,700	2,800	684	610	504	3.75	6.50	4.70
Early summer:									
California.....	7,900	8,700	6,500	2,528	3,045	2,080	4.41	4.19	5.52
Late summer:									
New Jersey.....	800	800	1,000	348	368	370	1.75	1.62	1.77
Ohio.....	500	600	( <sup>3</sup> )	128	159	( <sup>3</sup> )	3.03	2.89	( <sup>3</sup> )
Illinois.....	400	400	500	96	96	120	3.06	2.91	6.12
Total or average.....	1,700	1,800	1,500	572	623	490	2.26	2.14	2.84
Early fall:									
Massachusetts.....	550	550	500	121	126	110	6.90	5.80	7.20
Connecticut.....	430	400	350	95	80	70	7.00	6.00	7.80
New York.....	1,900	2,200	2,300	627	737	713	3.20	2.60	3.29
Michigan.....	4,800	5,300	6,200	1,104	1,325	1,302	6.17	4.03	7.26
Wisconsin.....	2,900	2,800	2,800	1,131	1,162	1,120	2.07	1.93	2.39
Minnesota.....	750	700	750	352	273	349	2.05	2.14	1.79
Texas.....	6,000	7,000	6,500	1,020	1,225	975	7.63	4.45	7.09
Colorado.....	1,200	1,200	1,400	216	240	245	5.80	4.95	7.00
Washington.....	2,600	2,300	2,100	845	1,058	966	1.98	1.60	1.80
Oregon.....	1,700	2,000	1,800	672	840	855	1.87	1.57	1.54
Total or average.....	22,830	24,450	24,700	6,183	7,066	6,705	4.10	2.96	4.19
Late fall: California.....	6,900	7,700	8,300	2,208	2,734	2,448	5.54	4.34	5.77
All groups.....	81,230	72,550	80,400	17,719	19,341	18,275	4.21	4.31	4.60
Alaska.....	35	45	( <sup>3</sup> )	5.2	5.4	( <sup>3</sup> )	11.50	11.30	( <sup>3</sup> )
United States.....	81,265	72,595	80,400	17,724	19,346	18,275	4.21	4.32	4.60

<sup>1</sup> Mostly for fresh market use, but includes quantities used for processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimates discontinued.

Statistical Reporting Service.

Table 245.—Cauliflower, commercial crop: Acreage, yield, production, value per hundredweight, and total value, 1954-69<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	27,650	75	2,072	6.47	13,396	1962.....	26,830	96	2,570	7.45	19,134
1955.....	29,380	86	2,536	6.75	17,107	1963.....	27,780	93	2,596	7.48	19,414
1956.....	32,430	89	2,894	6.03	17,451	1964.....	26,460	95	2,507	7.69	19,291
1957.....	32,570	82	2,678	6.08	16,187	1965.....	24,800	100	2,473	8.22	20,333
1958.....	30,220	85	2,579	6.73	17,346	1966.....	25,900	97	2,511	8.72	21,887
1959.....	28,320	80	2,259	6.31	14,245	1967.....	26,000	93	2,428	8.89	21,584
1960.....	30,520	96	2,930	5.90	17,279	1968.....	27,300	100	2,729	8.87	24,200
1961.....	28,400	91	2,576	6.36	16,377	1969 <sup>4</sup> .....	26,200	97	2,549	9.69	24,694

<sup>1</sup> Includes heading (cauliflower) broccoli; includes production for fresh market and processing.

<sup>2</sup> Includes the following quantity not marketed which is excluded in computing value (1,000 hundredweight): 20 in 1957.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 247.

Table 246.—Cauliflower, commercial crop: Acreage, production, and value per hundredweight, by States, 1967-69<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Texas.....	1,400	800	1,200	49	40	78	16.60	16.00	13.30
Arizona.....	650	650	900	40	36	50	13.00	13.90	14.10
Total or average.....	2,050	1,450	2,100	89	76	128	15.00	15.00	13.60
Early spring:									
California.....	8,400	8,600	6,600	756	774	594	9.56	9.96	11.20
Summer:									
New York.....	1,800	1,800	1,600	171	180	136	8.32	9.84	11.70
New Jersey.....	200	200	( <sup>3</sup> )	18	20	( <sup>3</sup> )	10.10	8.20	( <sup>3</sup> )
Washington.....	900	800	500	108	96	80	5.82	6.23	6.14
Total or average.....	2,900	2,800	2,100	297	296	216	7.52	8.56	9.65
Early fall:									
New York, L.I.....	1,700	1,800	1,400	212	225	147	9.27	9.71	12.20
Michigan.....	850	850	800	64	60	48	10.40	10.60	12.30
Oregon.....	1,600	1,900	1,800	160	209	162	5.35	5.08	5.59
Total or average.....	4,150	4,550	4,000	436	494	357	7.99	7.86	9.22
Late fall: California.....	8,500	9,900	11,400	850	1,089	1,254	8.60	8.21	8.71
United States.....	26,000	27,300	26,200	2,428	2,729	2,549	8.89	8.87	9.69

<sup>1</sup> Includes heading (cauliflower) broccoli; includes production for fresh market and processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Estimates discontinued.

Statistical Reporting Service.

Table 247.—Celery, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	35,770	423	15,126	3.31	48,777	1962.....	30,450	463	14,084	4.70	66,214
1955.....	33,000	464	15,304	3.94	59,964	1963.....	30,890	463	14,297	3.60	50,513
1956.....	35,800	456	16,232	3.29	50,642	1964.....	30,540	461	14,069	4.57	63,474
1957.....	34,740	436	15,137	3.86	58,413	1965.....	30,760	460	14,152	4.44	62,201
1958.....	35,130	406	14,260	4.43	63,103	1966.....	32,570	455	14,827	4.89	71,060
1959.....	37,670	412	15,534	3.28	48,255	1967.....	32,420	448	14,512	4.75	68,889
1960 <sup>4</sup> .....	36,210	419	15,169	3.32	50,394	1968.....	32,580	469	15,295	4.66	71,309
1961.....	31,390	476	14,957	3.26	48,348	1969 <sup>5</sup> .....	32,630	469	15,291	5.42	82,934

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.

<sup>2</sup> Excludes the following quantities not marketed (1,000 hundredweight): 823 in 1967, 396 in 1968, and 128 in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 405 in 1954, 66 in 1955, 859 in 1956, 825 in 1959, 136 in 1961, 253 in 1963, 183 in 1964, 134 in 1965, and 297 in 1966.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Beginning 1960, includes Hawaii.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 249.

Table 248.—Celery, commercial crop: Acreage, production, and value per hundredweight, by States, 1967-69<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
Winter:									
Florida.....	Acres 6,900	Acres 6,600	Acres 6,700	1,000 cut. 3 <sup>3</sup> 2,932	1,000 cut. 3 <sup>3</sup> 2,796	1,000 cut. 2,780	Dollars per cut. 3.55	Dollars per cut. 5.10	Dollars per cut. 4.70
California.....	4,300	4,000	4,800	3 <sup>3</sup> 2,129	2,240	2,712	3.70	4.59	4.31
Total or average.....	11,200	10,600	11,500	5,061	5,036	5,492	3.61	4.87	4.51
Spring:									
Florida.....	4,500	4,500	5,100	3 <sup>3</sup> 1,689	3 <sup>3</sup> 1,553	3 <sup>3</sup> 1,760	5.20	5.20	6.80
California.....	3,200	3,000	3,200	1,632	1,665	1,760	5.60	5.57	6.66
Total or average.....	7,700	7,500	8,300	3,321	3,218	3,520	5.40	5.39	6.73
Early summer:									
California.....	2,600	3,000	2,700	1,313	1,770	1,512	5.30	4.58	5.67
Summer:									
Massachusetts.....	80	80	( <sup>4</sup> )	14	14	( <sup>4</sup> )	11.90	11.20	( <sup>4</sup> )
New York.....	1,800	2,000	1,700	558	580	510	5.60	3.50	5.55
New Jersey.....	250	200	( <sup>4</sup> )	65	70	( <sup>4</sup> )	5.80	4.35	( <sup>4</sup> )
Pennsylvania.....	180	160	( <sup>4</sup> )	38	34	( <sup>4</sup> )	8.50	6.25	( <sup>4</sup> )
Ohio.....	450	450	440	180	191	163	8.80	6.00	8.20
Michigan.....	1,900	1,800	1,800	722	753	756	6.05	4.45	7.32
Washington.....	290	290	290	91	91	93	6.20	5.10	6.20
Total or average.....	4,950	5,030	4,230	1,668	1,733	1,522	6.30	4.42	6.75
Late fall: California.....	5,900	6,400	5,900	3,127	3,520	3,245	4.80	3.84	4.82
All groups.....	32,350	32,530	32,630	14,490	15,277	15,291	4.74	4.66	5.42
Hawaii.....	70	50	( <sup>4</sup> )	22	18	( <sup>4</sup> )	9.10	9.30	( <sup>4</sup> )
United States.....	32,420	32,580	32,630	14,512	15,295	15,291	4.75	4.66	5.42

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Preliminary. <sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1967—winter, Florida, 422 and California, 215; spring, Florida, 186; 1968—winter, Florida, 94; spring, Florida, 257; summer, Michigan, 45; 1969—spring, Florida, 128. <sup>4</sup> Estimates discontinued.

Statistical Reporting Service.

Table 249.—Corn, sweet, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-69

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Acreage harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cut.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1954.....	209,700	58	12,214	3.63	44,300	453,210	3.28	1,488,800	20.70	30,797
1955.....	197,900	62	12,315	3.20	38,659	389,520	3.01	1,174,000	19.50	22,851
1956.....	187,600	62	11,719	3.86	45,222	449,030	3.81	1,710,000	20.30	34,760
1957.....	193,900	59	11,524	4.32	49,756	441,910	3.45	1,524,500	19.90	30,358
1958.....	207,750	61	12,756	3.43	43,161	388,000	3.43	1,329,900	18.80	24,939
1959.....	215,100	61	13,017	3.72	47,987	418,650	3.78	1,582,170	19.12	30,249
1960 <sup>4</sup> .....	200,160	63	12,696	4.04	51,349	411,890	3.38	1,390,960	19.24	26,768
1961.....	200,110	66	13,204	4.01	51,997	450,520	3.83	1,726,270	19.43	33,545
1962.....	207,170	64	13,189	3.92	51,496	442,800	4.06	1,799,250	20.09	36,144
1963.....	207,240	64	13,347	4.00	52,419	392,320	4.28	1,679,140	19.97	33,539
1964.....	197,850	62	12,348	4.51	54,929	353,040	4.19	1,480,700	20.39	30,185
1965.....	199,580	66	13,149	4.40	57,633	376,690	4.28	1,613,600	22.41	36,159
1966.....	194,760	62	12,158	5.05	60,936	445,650	4.40	1,962,400	22.75	44,637
1967.....	190,700	69	13,117	4.84	63,543	470,650	4.47	2,101,900	25.00	52,541
1968.....	181,580	68	12,395	5.25	65,042	519,160	4.78	2,479,300	25.60	63,405
1969 <sup>3</sup> .....	185,300	67	12,436	4.95	61,562	446,400	4.67	2,086,500	25.00	52,226

See footnotes on page 168.

Table 250.—Corn, sweet, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Winter: Florida.....	11,100	9,000	9,000	1,000 cut. 777	1,000 cut. 630	1,000 cut. 675	Dollars per cut. 7.10	Dollars per cut. 8.20	Dollars per cut. 8.60
Early spring:									
Florida.....	33,100	31,200	38,800	3,144	2,652	<sup>2</sup> 3,220	5.50	5.80	5.40
Texas.....	6,000	4,500	5,500	270	180	192	5.90	10.30	7.40
Total or average.....	39,100	35,700	44,300	3,414	2,832	3,412	5.53	6.09	5.51
Late spring:									
South Carolina.....	1,300	1,300	( <sup>3</sup> )	78	84	( <sup>3</sup> )	4.45	4.30	( <sup>3</sup> )
Georgia.....	1,400	1,400	( <sup>3</sup> )	45	48	( <sup>3</sup> )	5.10	3.90	( <sup>3</sup> )
Alabama.....	2,500	3,200	3,000	125	144	165	6.80	5.20	4.60
California.....	4,000	4,100	3,600	260	369	216	7.50	6.90	7.10
Total or average.....	9,200	10,000	6,600	508	645	381	6.65	5.96	6.02
Early summer:									
New Jersey.....	11,400	11,300	11,500	855	848	862	3.50	4.10	3.70
Missouri.....	2,200	2,300	2,700	165	161	230	6.10	6.60	5.00
Kansas.....	1,000	1,100	( <sup>3</sup> )	60	72	( <sup>3</sup> )	3.85	4.20	( <sup>3</sup> )
Virginia.....	2,700	2,500	3,000	202	205	180	5.80	6.30	4.05
North Carolina.....	4,100	4,500	4,600	308	360	322	4.50	4.45	4.50
Oklahoma.....	1,600	1,100	( <sup>3</sup> )	64	33	( <sup>3</sup> )	5.40	5.10	( <sup>3</sup> )
California.....	7,600	7,600	8,100	456	418	486	5.40	5.60	3.95
Total or average.....	30,600	30,400	29,900	2,110	2,097	2,080	4.55	4.89	4.06
Late summer:									
New Hampshire.....	1,400	1,300	1,400	105	117	105	4.20	5.50	4.80
Massachusetts.....	8,300	8,600	8,300	581	602	581	4.40	5.70	5.22
Rhode Island.....	1,000	1,000	( <sup>3</sup> )	70	75	( <sup>3</sup> )	4.15	5.50	( <sup>3</sup> )
Connecticut.....	5,200	5,200	5,500	338	338	358	4.55	5.70	5.90
New York.....	18,200	18,800	18,200	<sup>2</sup> 982	978	928	3.20	4.20	3.90
Pennsylvania.....	12,500	12,000	12,600	688	660	693	4.85	5.80	5.30
Ohio.....	12,500	12,500	11,500	900	950	805	3.65	3.75	3.75
Illinois.....	6,400	6,000	5,400	448	450	378	2.40	2.30	2.50
Michigan.....	9,800	10,300	11,300	735	824	848	4.05	2.75	3.00
Maryland.....	1,500	1,700	( <sup>3</sup> )	74	68	( <sup>3</sup> )	3.10	3.55	( <sup>3</sup> )
Colorado.....	3,200	3,500	3,200	192	228	224	3.80	3.95	4.05
Washington.....	2,500	2,400	2,600	162	180	221	5.80	6.00	4.65
Oregon.....	1,600	1,500	1,700	99	100	114	5.30	5.70	5.20
Total or average.....	84,100	84,800	81,700	5,374	5,570	5,255	3.92	4.31	4.18
Fall:									
Florida.....	13,400	8,800	11,500	777	484	518	5.40	7.30	6.90
California.....	2,900	2,500	2,300	145	125	115	5.40	7.00	5.80
Total or average.....	16,300	11,300	13,800	922	609	633	5.40	7.24	6.70
All groups.....	190,400	181,200	185,300	13,105	12,383	12,436	4.84	5.24	4.95
Hawaii.....	300	380	( <sup>3</sup> )	12	12	( <sup>3</sup> )	10.40	11.60	( <sup>3</sup> )
United States.....	190,700	181,580	185,300	13,117	12,395	12,436	4.84	5.25	4.95
<b>FOR PROCESSING</b>									
New York.....	14,800	15,000	13,500	77,000	78,800	42,000	Dollars per ton 22.50	Dollars per ton 30.30	Dollars per ton 28.40
Pennsylvania.....	9,300	12,400	7,500	34,600	32,900	24,400	26.50	27.50	27.40
Illinois.....	59,200	61,700	50,200	265,800	264,700	229,900	27.10	26.20	26.80
Wisconsin.....	114,000	127,200	118,700	428,600	553,300	423,800	22.00	23.00	23.70
Minnesota.....	121,400	125,300	113,300	509,900	607,700	540,400	22.00	22.00	21.80
Iowa.....	6,600	7,900	6,900	26,100	42,200	29,600	23.20	22.10	21.80
Delaware.....	3,900	4,200	3,000	14,000	11,400	11,700	25.60	24.20	24.70
Maryland.....	24,700	26,400	22,200	90,200	70,000	71,300	22.50	24.40	23.90
Idaho.....	17,000	24,000	23,300	94,900	136,600	140,300	25.20	26.40	26.40
Washington.....	47,900	52,500	38,200	271,100	310,800	246,000	31.70	32.10	29.80
Oregon.....	34,800	41,600	33,800	217,200	291,200	263,600	29.40	29.90	28.40
Other States <sup>5</sup> .....	16,950	20,960	15,800	72,500	79,700	63,500	23.10	23.50	23.20
United States.....	470,550	519,160	446,400	2,101,900	2,479,300	2,086,500	25.00	25.60	25.00
Grand total.....	661,250	700,740	631,700	2,757,750	3,099,050	2,708,300	<sup>6</sup> 42.10	<sup>6</sup> 41.40	<sup>6</sup> 42.00

See footnotes on page 174.

Table 251.—Cucumbers, commercial crop: Acreage, yield, production, value per hundredweight and per ton, total value, and pickle stocks, United States, 1954-69

Year	For fresh market					For processing					Pickled stocks on hand Oct. 1 <sup>4</sup>
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Acreage harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>		
				Per cwt.	Total				Per ton	Total	
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</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>	<i>Tons</i>
1954	52,850	80	4,210	4.73	18,743	138,310	2.18	301,000	59.17	17,770	300,240
1955	51,550	82	4,237	4.48	18,337	125,400	2.50	311,600	54.17	16,892	285,816
1956	49,250	80	3,961	5.41	21,269	115,960	2.78	323,000	55.00	17,793	301,560
1957	56,970	80	4,576	5.08	22,763	129,280	2.86	369,900	54.16	19,981	316,464
1958	52,800	84	4,432	4.50	18,543	119,150	3.00	356,300	53.33	18,979	326,928
1959	52,480	77	4,057	5.76	22,463	98,960	3.33	329,820	50.85	16,772	294,500
1960 <sup>5</sup>	53,690	82	4,401	5.10	21,746	90,230	3.72	336,060	54.33	18,258	278,840
1961	49,690	92	4,590	5.14	23,161	103,100	3.97	408,930	55.77	22,804	300,230
1962	49,220	85	4,197	6.00	24,688	98,960	4.06	401,520	53.39	21,439	396,960
1963	52,590	92	4,860	5.20	24,703	107,720	4.33	466,680	55.36	25,834	450,980
1964	52,280	96	5,042	5.77	28,495	108,900	3.91	425,790	65.82	28,025	434,230
1965	50,800	97	4,930	5.93	29,195	107,610	4.10	441,560	75.99	32,517	454,350
1966	48,490	97	4,713	6.74	31,758	129,620	4.12	533,950	82.22	43,901	482,190
1967	50,680	98	4,980	6.37	31,717	154,700	3.85	595,640	91.20	54,315	568,820
1968	54,990	81	4,466	7.10	31,692	144,820	3.83	554,640	92.20	51,143	581,000
1969 <sup>6</sup>	50,570	92	4,678	7.25	33,900	131,020	3.88	507,950	91.90	46,668	535,000

<sup>1</sup> For fresh market, excludes 96,000 cwt. not marketed in 1968. Prior to 1967, included some quantities not marketed which were excluded in computing value: For fresh market (1,000 hundredweight)—247 in 1954, 146 in 1955, 30 in 1956, 98 in 1957, 308 in 1958, 156 in 1959, 141 in 1960, 80 in 1961, 81 in 1962, 106 in 1963, 101 in 1964, and 3 in 1965; for processing (tons)—13,650 in 1965, and 300 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1. Beginning 1962, includes stocks of fresh-pack pickles.

<sup>5</sup> Beginning 1960, includes Hawaii.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 253.

Table 252.—Cucumbers, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
<b>FOR FRESH MARKET</b>									
Early spring:									
Florida	8,300	8,700	9,000	872	914	1,080	7.00	8.00	7.10
Texas	2,400	2,400	2,800	144	108	112	5.80	6.30	7.20
Total or average	10,700	11,100	11,800	1,016	1,022	1,192	6.83	7.82	7.11
Late spring:									
North Carolina	6,000	6,700	6,100	402	402	336	5.30	2.80	5.50
South Carolina	6,100	6,200	4,800	427	278	288	7.50	5.40	5.60
Louisiana	600	750	( <sup>3</sup> )	54	60	( <sup>3</sup> )	5.30	4.65	( <sup>3</sup> )
California	1,300	1,300	1,400	254	338	371	9.20	10.20	8.30
Total or average	14,000	14,950	12,300	1,137	1,078	995	7.00	5.89	6.57
Early summer:									
New Jersey	1,700	1,700	1,800	221	238	234	4.35	4.95	5.60
Illinois	650	850	( <sup>3</sup> )	58	55	( <sup>3</sup> )	5.60	5.30	( <sup>3</sup> )
Delaware	400	350	( <sup>3</sup> )	38	37	( <sup>3</sup> )	4.70	5.70	( <sup>3</sup> )
Maryland	1,700	1,800	1,800	162	225	234	4.95	6.00	5.60
Virginia	1,400	1,700	1,700	91	119	119	6.00	6.70	6.60
Total or average	5,850	6,400	5,300	570	674	587	4.94	5.68	5.80

See footnotes at end of table.

Table 252.—Cucumbers, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69—Continued

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
<b>FOR FRESH MARKET—CON.</b>									
Late summer:									
Massachusetts.....	400	400	( <sup>2</sup> )	66	64	( <sup>2</sup> )	5.80	7.00	( <sup>2</sup> )
New York.....	3,000	2,900	2,600	255	255	273	7.10	6.10	7.80
Pennsylvania.....	450	430	( <sup>2</sup> )	45	39	( <sup>2</sup> )	4.95	6.00	( <sup>2</sup> )
Michigan.....	1,600	2,100	2,000	96	136	120	7.30	7.00	7.60
Total or average.....	5,450	5,830	4,600	462	494	393	6.75	6.46	7.74
Early fall:									
Virginia.....	2,100	2,800	2,700	116	196	173	7.60	4.80	6.30
South Carolina.....	1,600	1,500	1,400	152	98	91	7.20	4.90	7.60
Louisiana.....	400	550	( <sup>2</sup> )	20	30	( <sup>2</sup> )	6.20	4.50	( <sup>2</sup> )
Texas.....	1,200	2,400	2,600	108	168	156	5.80	6.90	7.00
California.....	1,300	1,300	1,400	292	292	378	6.70	8.60	7.90
Total or average.....	6,600	8,550	8,100	688	784	798	6.81	6.67	7.34
Late fall: Florida.....	7,900	8,000	8,300	1,066	376	681	5.30	12.10	9.00
All groups.....	50,500	54,830	50,400	4,939	4,428	4,646	6.31	7.03	7.20
Hawaii.....	180	160	170	41	38	32	13.70	14.50	14.10
United States.....	50,680	54,990	50,570	4,980	4,466	4,678	6.37	7.10	7.25
<b>FOR PROCESSING</b>									
Ohio.....	3,700	4,000	4,800	22,500	27,320	33,890	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Indiana.....	2,200	2,900	2,400	9,550	13,340	14,350	107.00	104.00	120.00
Michigan.....	26,600	21,200	21,600	118,370	92,640	88,130	86.40	81.70	93.60
Wisconsin.....	17,200	18,700	15,000	38,000	54,040	42,750	111.00	99.40	101.00
Other States <sup>4</sup> .....	10,090	9,510	6,730	58,730	46,700	42,930	98.50	114.00	106.00
Total Northern.....	59,790	56,310	50,530	247,150	234,040	222,050	82.40	82.80	73.20
Delaware and Maryland.....	4,350	3,450	4,000	24,670	21,270	24,820	101.00	67.80	65.70
Virginia.....	3,900	2,600	3,500	13,070	11,800	11,340	94.40	73.40	70.10
North Carolina.....	33,900	32,800	28,000	83,400	75,440	71,960	92.70	101.00	97.50
South Carolina.....	4,400	3,900	3,800	12,890	10,610	8,890	90.60	87.50	84.80
Texas.....	11,500	6,600	5,600	36,570	31,810	23,240	85.00	77.60	75.30
Other States <sup>5</sup> .....	25,350	26,130	24,560	68,230	59,460	55,310	87.50	86.40	87.00
Total Southern.....	83,400	75,480	69,460	238,830	210,390	195,560	87.40	87.80	85.70
Colorado.....	2,100	3,300	2,200	14,030	20,100	14,340	68.90	86.00	82.60
Washington.....	1,700	1,600	1,600	13,260	12,000	10,660	62.40	77.20	92.00
California.....	5,200	5,700	5,200	59,800	61,000	48,880	84.40	91.70	91.80
Other States <sup>6</sup> .....	2,510	2,430	2,030	22,570	17,110	16,460	72.90	73.80	77.30
Total Western.....	11,510	13,030	11,030	109,660	110,210	90,340	77.40	86.30	87.70
United States.....	154,700	144,820	131,020	595,640	554,640	507,950	91.20	92.20	91.90
Grand total.....	205,380	199,810	181,590	844,640	777,940	741,850	<sup>7</sup> 102.00	<sup>7</sup> 106.00	<sup>7</sup> 109.00

<sup>1</sup> Preliminary. <sup>2</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—late spring, South Carolina, 96. <sup>3</sup> Estimates discontinued.

<sup>4</sup> New Hampshire, Massachusetts, New York, New Jersey, Pennsylvania, Illinois, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Kansas, and Nebraska. <sup>5</sup> Georgia, Florida, Kentucky, Alabama, Mississippi, Arkansas, Louisiana, and Oklahoma. <sup>6</sup> Idaho, New Mexico, Arizona, Utah, and Oregon. <sup>7</sup> Derived value per ton.

Statistical Reporting Service.

FOOTNOTES FOR TABLE 250

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1967—late summer, New York, 30; 1969—early spring, Florida, 49.

<sup>3</sup> Estimates discontinued.

<sup>4</sup> Tonnage in husk.

<sup>5</sup> Maine, Ohio, Indiana, South Dakota, Virginia, Texas, Wyoming, and Utah.

<sup>6</sup> Derived value per ton.

Statistical Reporting Service.



**Table 253.—Eggplant, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954–69**

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1954.....	4,700	99	466	4.84	2,242	1962.....	3,500	156	547	5.56	3,043
1955.....	4,550	111	507	4.27	2,045	1963.....	4,100	125	513	5.41	2,775
1956.....	4,000	110	442	5.20	2,272	1964.....	3,850	140	539	6.25	3,245
1957.....	4,800	104	499	4.86	2,372	1965.....	3,850	154	591	5.88	3,359
1958.....	4,600	92	422	5.56	2,273	1966.....	3,550	156	553	7.43	3,953
1959.....	4,900	101	497	6.29	3,128	1967.....	3,850	149	575	6.54	3,759
1960.....	4,850	99	479	5.51	2,641	1968.....	3,200	142	453	10.50	4,750
1961.....	4,550	125	570	5.24	2,914	1969 <sup>3</sup> .....	3,700	143	529	8.64	4,570

<sup>1</sup> Includes some quantities not marketed which are excluded in computing value (1,000 hundredweight): 3 in 1954, 28 in 1955, 5 in 1956, 11 in 1957, 13 in 1958, 14 in 1961, 20 in 1964, 20 in 1965, and 21 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 255.

**Table 254.—Eggplant, commercial crop: Acreage, production, and value per hundredweight, by States, 1967–69**

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Winter: Florida.....	600	500	500	129	92	98	6.70	12.10	10.20
Spring: Florida.....	850	700	1,000	144	108	135	7.60	11.20	8.50
Summer: New Jersey.....	1,500	1,300	1,400	180	169	196	5.60	7.80	6.90
Fall: Florida.....	900	700	800	122	84	100	6.50	13.20	10.70
United States.....	3,850	3,200	3,700	575	453	529	6.54	10.50	8.64

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 255.—Escarole, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954–69<sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1954.....	5,200	138	717	4.06	2,486	1962.....	8,200	120	980	6.47	6,339
1955.....	5,400	139	751	4.05	2,960	1963.....	8,700	125	1,087	5.34	5,555
1956.....	5,750	128	738	4.52	3,284	1964.....	8,800	120	1,059	6.64	6,676
1957.....	6,750	115	774	4.61	3,570	1965.....	10,200	105	1,067	5.89	5,976
1958.....	6,400	118	758	5.53	4,188	1966.....	10,450	109	1,143	5.80	6,632
1959.....	8,000	126	1,010	4.90	4,466	1967.....	9,450	119	1,122	6.21	6,965
1960.....	7,850	129	1,015	5.12	4,784	1968.....	7,800	137	1,066	7.61	8,107
1961.....	8,100	126	1,020	5.19	4,898	1969 <sup>4</sup> .....	9,500	115	1,097	7.46	8,180

<sup>1</sup> Florida and New Jersey prior to 1959; beginning 1959, includes Ohio.

<sup>2</sup> Excludes 40,000 cwt. not marketed in 1968. Prior to 1967, include the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 104 in 1954, 21 in 1955, 12 in 1956, 99 in 1959, 80 in 1960, 76 in 1961, 46 in 1963, 53 in 1964, and 52 in 1965.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 257.

**Table 256.—Escarole, commercial crop: Acreage, production, and value per hundredweight, by States, 1967-69**

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Florida .....	7,000	5,600	7,300	770	<sup>2</sup> 756	803	5.40	7.70	7.30
Summer:									
New Jersey .....	1,500	1,200	1,200	248	210	204	8.30	6.60	7.70
Ohio .....	950	1,000	1,000	104	100	90	7.20	9.00	8.30
Total or average .....	2,450	2,200	2,200	352	310	294	7.97	7.37	7.88
United States .....	9,450	7,800	9,500	1,122	1,066	1,097	6.21	7.61	7.46

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—winter, Florida, 40.

Statistical Reporting Service.

**Table 257.—Honeydew melons, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69**

Year	Acreage for harvest	Yield per acre	Production	Value <sup>1</sup>		Year	Acreage for harvest	Yield per acre	Production	Value <sup>1</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954 .....	13,000	135	1,756	4.78	8,385	1962 .....	9,500	130	1,237	4.63	5,731
1955 .....	13,600	115	1,559	4.74	7,387	1963 .....	8,150	159	1,299	5.81	7,553
1956 .....	12,700	130	1,647	4.44	7,310	1964 .....	9,800	134	1,312	5.49	7,206
1957 .....	9,250	133	1,227	5.32	6,523	1965 .....	10,300	145	1,496	5.62	8,411
1958 .....	11,170	114	1,270	4.66	5,918	1966 .....	9,100	134	1,216	6.63	8,062
1959 .....	8,860	141	1,251	5.58	6,982	1967 .....	11,300	140	1,577	5.82	9,186
1960 .....	9,900	139	1,379	4.95	6,827	1968 .....	10,300	134	1,379	6.75	9,305
1961 .....	9,500	139	1,322	5.64	7,454	1969 <sup>2</sup> .....	13,800	136	1,874	5.87	10,992

<sup>1</sup> F.o.b. basis.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 259.**Table 258.—Honeydew melons, commercial crop: Acreage, production, and value per hundredweight, by States, 1967-69**

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
Texas .....	2,000	2,100	3,500	300	147	262	6.00	10.00	7.60
California .....	400	150	( <sup>2</sup> 5)	58	21	( <sup>2</sup> 3)	7.80	8.80	( <sup>2</sup> 3)
Total or average .....	2,400	2,250	3,500	358	168	262	6.29	9.85	7.60
Early summer: Arizona .....	1,300	750	1,200	117	79	156	8.40	8.00	4.50
Late summer: California .....	7,600	7,300	9,100	1,102	1,132	1,456	5.40	6.20	5.70
United States .....	11,300	10,300	13,800	1,577	1,379	1,874	5.82	6.75	5.87

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued.<sup>3</sup> Combined with "Late summer."

Statistical Reporting Service.

**Table 259.—Garlic, commercial crop: Acreage, yield, production, value per hundred-weight, and total value, United States, 1954-69<sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production	Value		Year	Acreage for harvest	Yield per acre	Production	Value	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	1,950	75	146	11.45	1,672	1962.....	2,700	105	284	10.79	3,064
1955.....	2,500	85	212	10.13	2,147	1963.....	4,100	100	410	9.06	3,715
1956.....	2,400	90	216	10.43	2,252	1964.....	4,400	115	506	9.38	4,746
1957.....	2,300	85	196	9.24	1,812	1965.....	4,600	120	552	8.40	4,636
1958.....	2,900	75	218	10.41	2,269	1966.....	3,500	100	350	8.27	2,894
1959.....	3,200	85	272	9.47	2,576	1967.....	4,400	115	506	10.10	5,120
1960.....	5,400	85	459	8.45	3,879	1968.....	6,400	125	800	8.99	7,192
1961.....	3,600	80	288	8.76	2,523	1969 <sup>2</sup> .....	7,300	115	840	8.52	7,160

<sup>1</sup> California only. Includes production for fresh market and processing.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 261.

**Table 260.—Kale, commercial crop: Acreage, yield, production, value per hundred-weight, and total value, United States, 1954-69<sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	2,700	71	192	3.05	558	1962.....	1,700	65	110	6.50	676
1955.....	2,700	68	184	4.45	819	1963.....	1,600	50	80	6.29	472
1956.....	2,600	70	182	3.85	701	1964.....	1,400	60	84	6.20	496
1957.....	2,500	70	175	4.00	700	1965.....	1,200	70	84	6.90	580
1958.....	2,200	65	143	5.80	829	1966.....	1,300	60	78	7.47	583
1959.....	2,300	70	161	4.00	644	1967.....	1,100	65	72	8.69	626
1960.....	1,800	75	135	5.80	783	1968.....	1,000	70	70	8.60	602
1961.....	2,000	75	150	5.40	751	1969 <sup>4</sup> .....					

<sup>1</sup> Virginia only. Includes production for fresh market and processing.

<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundred-weight): 9 in 1954, 11 in 1961, 6 in 1962, 5 in 1963, and 4 in 1964.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Estimates discontinued.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 262.

**Table 261.—Lettuce, commercial crop: Acreage, yield, production, value per hundred-weight, and total value, United States, 1954-69**

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	206,420	151	31,255	4.03	125,245	1962.....	193,020	190	37,554	4.36	161,772
1955.....	210,900	156	32,937	4.20	138,465	1963.....	214,940	183	39,255	4.22	165,042
1956.....	229,080	156	35,693	3.76	132,860	1964.....	212,590	184	39,144	4.40	172,069
1957.....	234,050	147	34,506	4.05	139,271	1965.....	215,220	190	40,912	4.61	188,364
1958.....	225,100	153	34,349	3.80	129,107	1966.....	217,155	194	42,130	5.31	220,257
1959.....	221,610	159	35,182	3.94	134,482	1967.....	221,070	193	42,630	5.00	213,192
1960 <sup>3</sup> .....	222,590	174	38,631	4.14	144,785	1968.....	220,965	200	44,130	4.52	199,276
1961.....	218,040	175	38,054	3.45	124,994	1969 <sup>4</sup> .....	227,840	195	44,457	5.42	241,041

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 124 in 1967, 736 in 1968, and 576 in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 205 in 1954, 398 in 1956, 130 in 1957, 397 in 1958, 1,047 in 1959, 3,744 in 1960, 1,857 in 1961, 446 in 1962, 119.6 in 1963, 7.2 in 1964, 46 in 1965, and 673 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 263.

Table 262.—Lettuce, commercial crop: Acreage, production, and value per hundred-weight, by States, 1967–69

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>	<i>Dollars</i> <i>per cut.</i>
Winter:									
Florida.....	3,900	4,000	4,700	351	360	414	7.50	9.70	9.80
Texas.....	6,500	3,200	6,000	715	400	840	4.95	7.10	5.70
Arizona.....	16,000	14,000	16,100	2,800	2,660	3,059	3.75	5.40	6.80
California.....	49,400	49,000	50,900	9,139	8,820	8,908	3.35	4.25	5.20
Total or average.....	75,800	70,200	77,700	13,005	12,240	13,221	3.64	4.75	5.75
Early spring:									
North Carolina.....	400	350	300	60	2 45	2 36	6.10	4.05	4.50
New Mexico.....	3,100	4,600	4,800	806	2 754	2 720	6.90	2.95	3.60
Arizona.....	17,100	17,800	20,000	3,420	3,115	3,600	7.60	4.95	6.80
California.....	20,600	22,600	17,700	3,502	5,085	3,894	4.75	3.30	4.75
Total or average.....	41,200	45,350	42,800	7,788	8,999	8,250	6.23	3.85	5.54
Late spring:									
Massachusetts.....	650	600	550	98	93	88	9.50	7.40	8.20
Connecticut.....	470	470	370	61	63	52	10.70	8.20	9.70
New Jersey.....	2,500	2,600	2,500	425	403	400	9.40	3.55	3.75
Total or average.....	3,620	3,670	3,420	584	559	540	9.55	4.72	5.05
Summer:									
Maine.....	350	300	( <sup>3</sup> )	44	40	( <sup>3</sup> )	7.60	8.50	( <sup>3</sup> )
New York.....	5,000	3,750	3,200	2 854	2 618	2 544	5.30	4.90	4.45
Ohio.....	1,000	1,000	1,000	135	135	125	13.20	13.60	15.40
Michigan.....	1,600	1,400	1,400	384	238	280	6.60	5.80	5.80
Wisconsin.....	1,900	1,700	1,500	380	357	300	6.30	5.30	4.80
Colorado.....	4,800	5,100	4,400	2 871	918	902	3.90	3.95	3.45
Washington.....	2,000	1,700	1,600	350	306	288	6.00	4.85	4.90
Oregon.....	600	600	600	114	90	108	6.80	5.20	5.50
California.....	26,600	30,200	33,700	8,113	9,211	9,268	6.00	4.00	3.70
Total or average.....	43,850	45,750	47,400	11,245	11,913	11,815	5.92	4.27	3.96
Early fall:									
New Jersey.....	1,500	1,400	1,200	262	252	222	3.85	5.90	5.30
Texas.....	3,000	3,000	1,500	615	450	195	6.10	6.00	5.90
New Mexico.....	4,600	6,400	5,100	1,150	1,440	1,071	5.30	4.70	7.40
California.....	32,800	31,000	35,200	5,576	5,890	6,864	3.70	4.65	5.40
Total or average.....	41,900	41,800	43,000	7,603	8,032	8,352	4.14	4.77	5.67
Late fall:									
Arizona.....	14,100	13,600	13,100	2,326	2,312	2,227	5.50	5.90	9.80
All groups.....	220,470	220,370	227,420	42,551	44,055	44,405	4.99	4.50	5.41
Alaska.....	60	75	( <sup>3</sup> )	7.5	9.4	( <sup>3</sup> )	13.70	12.50	( <sup>3</sup> )
Hawaii.....	540	520	420	71	2 66	52	12.30	12.90	12.60
United States.....	221,070	220,965	227,840	42,630	44,130	44,457	5.00	4.52	5.42

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1967—summer, New York, 64, and Colorado, 60; 1968—Hawaii, 1; early spring, North Carolina, 15, and New Mexico, 546; 1969—early spring, North Carolina, 14, and New Mexico, 546; 1969—early spring, North Carolina, 14, and New Mexico, 480; summer, New York, 82.<sup>3</sup> Estimates discontinued.

Statistical Reporting Service.

Table 263.—Onions, commercial crop: Acreage, production, shrinkage and loss, and value per hundredweight, by States, 1967-69<sup>1</sup>

Season and State	Acreage			Production			Shrinkage and loss <sup>2</sup>			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>1,000</i> <i>cut.</i>	<i>Dollars</i> <i>per</i> <i>cut.</i>	<i>Dollars</i> <i>per</i> <i>cut.</i>	<i>Dollars</i> <i>per</i> <i>cut.</i>
Early spring: Texas...	23,000	21,500	21,000	3,795	2,472	3,045				4.05	6.85	3.25
Late spring:												
Texas.....	500	200	0	35	10	0				3.65	4.10	0
Arizona.....	2,800	3,100	2,000	1,036	992	750				3.04	3.36	3.15
California.....	5,600	6,000	5,900	1,596	1,740	1,652				3.30	4.60	4.05
Total or average...	8,900	9,300	7,900	2,667	2,742	2,402				3.21	4.15	3.77
Early summer:												
New Jersey.....	2,300	2,400	2,100	414	432	368				4.40	4.10	5.22
Illinois.....	500	500	(*)	80	82	(*)				3.75	3.25	(*)
Texas.....	5,000	8,000	6,500	1,150	1,400	1,430				4.39	4.69	4.59
New Mexico.....	4,000	4,100	3,400	5 <sup>1</sup> 1,200	1,230	935				3.15	4.00	3.50
Washington.....	600	500	550	219	200	209				3.35	3.75	4.38
Total or average...	12,400	15,500	12,550	3,063	3,344	2,942				3.81	4.27	4.31
Late summer:												
New York.....	14,000	13,400	13,200	4,200	3,752	3,828	500	452	459	4.36	3.32	3.95
Ohio.....	600	600	500	261	240	150	26	23	15	5.00	4.10	5.30
Indiana.....	800	900	1,000	280	279	275	22	32	33	4.63	3.17	3.69
Michigan.....	7,000	6,900	6,700	2,240	2,242	2,010	390	432	342	4.55	3.25	3.75
Wisconsin.....	1,900	1,800	1,700	513	450	340	100	65	65	4.53	2.96	3.48
Minnesota.....	1,100	1,000	950	286	265	256	60	101	64	4.95	2.90	3.45
Iowa.....	300	320	(*)	72	69	(*)	6	26		4.70	3.50	(*)
Colorado.....	6,000	6,100	5,000	1,650	1,769	1,525	330	389	305	4.30	3.80	4.50
Utah.....	600	750	900	210	218	270	20	38	38	4.15	2.30	3.95
Washington.....	1,000	1,200	1,100	370	480	468	80	150	117	4.95	3.15	4.91
Western Oregon.....	2,100	2,100	2,200	672	882	880	67	272	158	6.00	1.70	3.30
Eastern Oregon.....	3,700	4,700	4,400	1,536	2,374	2,134				5.34	2.53	4.86
Idaho.....	3,400	4,100	3,700	1,377	1,968	1,684				5.31	2.52	4.93
Idaho and Eastern Oregon (total).....	7,100	8,800	8,100	2,913	4,342	3,818	456	975	704	5.32	2.53	4.89
California.....	16,000	16,300	17,600	5,360	5,298	5,808	153	198	174	2.60	2.64	2.81
Total or average...	58,500	60,170	58,950	19,027	20,286	19,628	2,210	3,153	2,474	4.06	2.92	3.75
All groups.....	102,800	106,470	100,400	28,552	28,884	28,017				3.95	3.60	3.76
Hawaii.....	80	50	(*)	10	5	(*)				9.30	12.00	(*)
United States.....	102,880	106,520	100,400	28,562	28,849	28,017	2,210	3,153	2,474	3.95	3.60	3.76

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Late summer storage crop only.<sup>4</sup> Estimated discontinued.<sup>5</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1967—early summer, New Mexico, 257.

Statistical Reporting Service.

**Table 264.—Onions, commercial crop: Acreage, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, and foreign trade, United States, 1954-70<sup>1</sup>**

Year	Stocks in storage Jan. 1			Acreage for harvest	Yield per acre	Production <sup>3</sup>	Shrinkage and loss	Value <sup>4</sup>		Foreign trade, year beginning July	
	In common storage <sup>2</sup>	In cold storage	Total					Per cwt.	Total	Domestic exports	Imports
1954	5,737	589	6,326	116,060	191	22,174		2.26	49,909	1,630	179
1955	4,535	516	5,051	114,130	187	21,388		2.49	53,247	1,546	236
1956	3,898	565	4,463	123,750	197	24,426		2.88	67,382	1,784	278
1957	4,294	341	4,635	110,410	221	24,364		2.99	71,688	1,467	577
1958	4,051	406	4,457	107,000	222	23,784		3.51	81,540	1,505	558
1959	3,852	512	4,364	113,530	226	25,609	3,329	2.53	54,756	1,364	314
1960 <sup>5</sup>	4,891	424	5,315	102,580	258	26,457	2,976	2.44	56,367	1,190	437
1961	4,883	409	5,292	91,340	258	23,600	2,219	4.05	86,365	865	757
1962	4,125	262	4,387	96,330	268	25,789	2,731	2.85	65,794	1,431	390
1963	4,668	359	5,027	97,270	270	25,781	2,393	3.51	82,197	969	515
1964	4,369	274	4,643	99,660	260	25,959	2,375	2.86	65,540	1,105	433
1965	4,553	291	4,844	97,270	289	28,080	3,828	3.21	77,955	1,138	552
1966	5,544	250	5,794	93,880	264	24,751	2,247	4.77	107,422	1,675	567
1967	4,079	206	4,285	102,880	278	28,562	2,210	3.95	104,017	1,318	921
1968	4,591	202	4,793	106,520	271	28,849	3,153	3.60	92,618	1,193	514
1969 <sup>6</sup>	5,237	214	5,451	100,400	279	28,017	2,474	3.76	95,986		
1970 <sup>6</sup>	4,091	163	4,254								

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.

<sup>2</sup> Grower and local dealer stocks.

<sup>3</sup> Excludes 257,000 cwt. not marketed in 1967. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 98 in 1954, 1,006 in 1956, 384 in 1957, 563 in 1958, 573 in 1959, 380 in 1960, 35 in 1961, and 644 in 1964.

<sup>4</sup> F.o.b. basis.

<sup>5</sup> Beginning 1960, includes Hawaii.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 266. Foreign trade data from reports of the U.S. Department of Commerce.

**Table 265.—Peas, green, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-69**

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Acreage harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt. <sup>4</sup>	1,000 cwt. <sup>4</sup>	Dollars	1,000 dollars	Acres	Pounds <sup>5</sup>	Tons <sup>5</sup>	Dollars	1,000 dollars
1954	13,730	30	417	8.17	3,407	427,020	1,876	400,470	92.20	36,941
1955	11,760	37	434	8.11	3,478	435,200	2,095	455,910	89.30	40,712
1956	9,850	34	333	8.89	2,959	474,020	2,301	545,360	92.50	50,428
1957	7,900	39	310	9.35	2,898	454,510	2,454	557,680	89.50	49,918
1958	8,600	28	243	8.08	1,923	378,400	2,568	485,810	88.30	42,900
1959	7,350	37	273	10.17	2,777	346,730	2,730	473,200	87.89	41,591
1960	6,650	37	244	9.30	2,269	345,990	2,575	445,390	86.02	38,311
1961	6,100	40	244	9.56	2,333	401,480	2,543	510,510	86.16	43,984
1962	5,300	43	229	10.44	2,390	407,090	2,587	526,640	84.88	44,700
1963	4,750	39	183	10.78	1,972	422,170	2,447	516,560	85.36	44,092
1964	4,550	45	203	10.05	2,041	417,410	2,313	482,700	86.89	46,767
1965	3,100	39	120	11.15	1,338	441,630	2,726	601,910	99.79	60,062
1966	2,000	35	70	13.31	932	434,080	2,346	509,150	104.54	53,223
1967	1,800	38	68	12.60	854	458,220	2,580	590,500	109.00	64,274
1968	2,000	30	59	15.00	884	452,090	2,570	581,720	107.00	62,270
1969 <sup>6</sup>						407,650	2,570	524,710	106.00	55,746

<sup>1</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 5 in 1955 and 5 in 1958.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> In the shell.

<sup>5</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 267.

Table 266.—Peas, green, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Early spring: California . . .	Acres 1,200	Acres 1,400	Acres ( <sup>2</sup> )	1,000 cwt. 48	1,000 cwt. 41	1,000 cwt. ( <sup>2</sup> )	Dollars per cwt. 12.70	Dollars per cwt. 14.80	Dollars per cwt. ( <sup>2</sup> )
Early fall: California . . . . .	600	600	( <sup>2</sup> )	20	18	( <sup>2</sup> )	12.20	15.40	( <sup>2</sup> )
United States . . . . .	1,800	2,000	.....	68	59	.....	12.60	15.00	.....
<b>FOR PROCESSING</b>									
Delaware . . . . .	Acres 9,400	Acres 7,300	Acres 5,600	Tons <sup>3</sup> 12,740	Tons <sup>3</sup> 11,750	Tons <sup>3</sup> 7,280	Dollars per ton 126.00	Dollars per ton 102.00	Dollars per ton 106.00
Maryland . . . . .	7,800	10,500	8,700	12,250	15,750	13,310	103.00	125.00	114.00
Other States <sup>4</sup> . . . . .	25,410	29,010	22,720	35,580	44,280	31,710	115.00	109.00	107.00
Total Eastern . . . . .	42,610	46,810	37,020	60,570	71,780	52,300	115.00	111.00	109.00
Wisconsin . . . . .	125,500	130,400	113,800	155,600	156,480	134,280	106.00	100.00	104.00
Minnesota . . . . .	72,800	65,000	63,200	78,620	80,280	69,520	119.00	115.00	118.00
Other States <sup>5</sup> . . . . .	40,650	38,080	33,610	57,530	62,180	46,720	116.00	113.00	116.00
Total Central . . . . .	238,950	233,480	210,610	291,750	298,940	250,520	111.00	107.00	110.00
Idaho . . . . .	14,700	16,500	15,100	17,790	18,980	15,860	104.00	93.90	90.90
Washington . . . . .	93,000	90,100	85,200	146,000	127,940	127,370	103.00	104.00	101.00
Oregon . . . . .	55,600	48,400	47,300	51,700	36,060	57,940	106.00	108.00	101.00
California . . . . .	9,200	11,900	7,900	15,800	19,750	13,980	110.00	127.00	114.00
Other States <sup>6</sup> . . . . .	4,160	4,900	4,520	6,940	8,270	6,740	104.00	107.00	104.00
Total Western . . . . .	176,660	171,800	160,020	238,230	211,000	221,890	104.00	106.00	101.00
United States . . . . .	458,220	452,090	407,650	590,550	581,720	524,710	109.00	107.00	106.00
Grand total . . . . .	460,020	454,090	407,650	591,910	582,900	524,710	<sup>7</sup> 110.00	<sup>7</sup> 108.00	<sup>7</sup> 106.00

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued.<sup>3</sup> Shelled basis; 2 pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>4</sup> Maine, New York, New Jersey, Pennsylvania, Virginia, and North Carolina.<sup>5</sup> Ohio, Indiana, Illinois, Michigan, Iowa, and Tennessee.<sup>6</sup> Montana, Wyoming, Colorado, and Utah.<sup>7</sup> Derived value per ton on shelled basis.

Statistical Reporting Service.

Table 267.—Peppers, green, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1954 . . . . .	47,950	61	2,902	7.45	21,193	1962 . . . . .	43,280	86	3,715	8.67	32,223
1955 . . . . .	45,140	72	3,240	7.19	22,364	1963 . . . . .	44,110	90	3,985	7.83	31,193
1956 . . . . .	40,540	75	3,044	8.20	24,965	1964 . . . . .	43,050	90	3,891	9.74	37,715
1957 . . . . .	44,930	72	3,240	8.93	28,938	1965 . . . . .	45,550	88	3,989	9.81	38,206
1958 . . . . .	40,640	71	2,881	9.22	26,146	1966 . . . . .	48,660	84	4,101	10.24	41,364
1959 . . . . .	46,520	71	3,308	9.06	29,973	1967 . . . . .	47,280	92	4,351	10.60	46,101
1960 <sup>4</sup> . . . . .	45,880	79	3,633	7.97	28,488	1968 . . . . .	52,630	94	4,933	10.50	51,712
1961 . . . . .	47,230	84	3,989	7.76	30,514	1969 <sup>5</sup> . . . . .	52,850	89	4,678	11.00	51,441

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 59 in 1954, 130 in 1955, 44 in 1958, 59 in 1960, 55 in 1961, 17 in 1964, 96 in 1965, and 62 in 1966.<sup>3</sup> F.o.b. basis.<sup>4</sup> Beginning 1960, includes Hawaii.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 269.

Table 268.—Peppers, green, commercial crop: Acreage, production, and value per hundredweight, by States, 1967-69<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Florida.....	7,100	6,900	6,500	746	828	618	11.50	12.50	14.70
Spring:									
Florida.....	7,000	6,900	7,800	700	724	780	13.70	15.00	12.00
Texas.....	1,300	1,100	1,800	150	77	126	13.90	12.80	15.50
Total or average.....	8,300	8,000	9,600	850	801	906	13.70	14.80	12.50
Early summer:									
North Carolina.....	7,000	7,400	7,700	280	274	270	10.00	10.10	10.80
Louisiana.....	1,100	1,200	1,100	66	60	55	10.10	10.40	11.60
Total or average.....	8,100	8,600	8,800	346	334	325	10.00	10.20	10.90
Late summer:									
Massachusetts.....	500	550	550	40	50	47	10.40	11.50	13.40
Rhode Island.....	120	120	( <sup>3</sup> )	9	10	( <sup>3</sup> )	10.80	11.10	( <sup>3</sup> )
Connecticut.....	500	500	( <sup>3</sup> )	25	38	( <sup>3</sup> )	10.00	12.40	( <sup>3</sup> )
New York.....	800	800	700	56	48	42	9.20	12.20	12.40
New Jersey.....	7,700	7,500	8,000	462	450	440	8.00	8.99	8.46
Ohio.....	1,400	1,500	1,300	112	112	98	8.30	9.20	11.70
Michigan.....	1,200	1,300	1,600	84	98	120	9.25	9.49	11.60
California.....	6,400	8,000	8,500	1,056	1,440	1,445	8.08	7.41	8.07
Total or average.....	18,620	20,270	20,650	1,844	2,246	2,192	8.25	8.20	8.71
Fall:									
Virginia.....	1,500	1,600	1,100	87	66	38	6.36	6.76	7.00
Florida.....	2,400	2,400	2,000	288	192	200	15.90	13.40	15.00
Texas.....	1,200	4,800	4,200	180	456	399	10.40	9.80	12.80
Total or average.....	5,100	8,800	7,300	555	714	637	12.60	10.50	13.10
All groups.....	47,220	52,570	52,850	4,341	4,923	4,678	10.60	10.50	11.00
Hawaii.....	60	60	( <sup>4</sup> )	10	10	( <sup>4</sup> )	18.80	22.20	( <sup>4</sup> )
United States.....	47,280	52,630	52,850	4,351	4,933	4,678	10.60	10.50	11.00

See footnotes on page 184.

Table 269.—Potatoes: Acreage, yield, production, value, and foreign trade, United States, 1954-69

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per cwt. received by farmers <sup>2</sup>	Farm value	Wholesale price per cwt. at New York <sup>3</sup>	Foreign trade, year beginning July	
								Domestic exports	Imports for consumption
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1954.....	1,431	1,413	168.5	204,113					
1954.....	1,431	1,413	155.4	219,547	2.15	474,705	3.20	4,274	1,068
1955.....	1,452	1,405	162.1	227,086	1.77	405,439	2.99	3,755	2,366
1956.....	1,392	1,371	179.3	245,792	2.02	493,014	2.61	3,153	1,582
1957.....	1,404	1,359	178.4	242,522	1.91	467,865	3.42	2,655	3,205
1958.....	1,461	1,428	186.9	266,897	1.31	349,674	2.32	3,063	991
1959.....		1,800	187	324,140					
1959.....	1,354	1,331	184	245,272	2.27	555,889	3.52	4,208	595
1960.....	1,400	1,386	185	257,104	2.00	513,426	2.58	2,307	715
1961.....	1,511	1,480	198	293,166	1.35	399,653	2.34	2,347	871
1962.....	1,378	1,347	197	264,810	1.67	441,063	2.52	3,559	912
1963.....	1,337	1,323	205	271,158	1.78	482,554	3.36	1,699	298
1964.....		1,174	189	221,874					
1964.....	1,311	1,272	190	241,076	3.50	846,016	4.91	1,617	348
1965.....	1,419	1,384	210	291,169	2.52	730,750	3.52	2,855	113
1966.....	1,497	1,464	210	306,902	2.04	619,784	3.17	2,247	274
1967.....	1,497	1,457	210	305,334	1.86	565,793	2.63	3,592	128
1968.....	1,410	1,378	214	294,192	2.23	652,729	3.17	2,569	264
1969 <sup>4</sup> .....	1,448	1,404	219	307,229	2.13	616,320			

See footnotes on page 184.



Table 270.—Potatoes: Acreage, production, and season average price per hundred-weight received by farmers, by States, 1967-69

Season and State	Acreage harvested			Production			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
Florida.....	11.9	11.4	11.0	2,142	1,995	1,980	3.90	3.90	3.80
California.....	12.7	10.5	8.8	5,752	1,890	1,848	2.81	2.49	2.93
Total.....	24.7	21.9	19.8	4,894	3,885	3,828			
Early spring:									
Florida:									
Hastings.....	21.6	27.4	26.3	2,376	4,384	4,866	3.15	3.16	2.80
Other.....	2.6	3.1	3.1	260	388	418	3.35	3.50	3.20
Texas.....	3.8	2.6	3.1	304	247	403	4.29	5.64	4.12
Total.....	28.0	33.1	32.5	2,940	5,019	5,687			
Late spring:									
North Carolina:									
8 N. E. counties.....	10.0	9.5	9.0	1,500	1,425	1,305	2.42	3.39	2.46
Other counties.....	2.3	2.2	9.2	276	264	264	2.58	2.88	2.60
South Carolina.....	1.4	.5	( <sup>2</sup> )	175	40	( <sup>2</sup> )	2.15	4.00	( <sup>2</sup> )
Alabama.....	13.4	10.5	10.0	<sup>3</sup> 1,742	1,365	1,120	2.35	2.58	2.92
Mississippi.....	3.0	2.5	2.5	270	188	200	3.25	3.80	3.50
Arkansas.....	2.3	1.8	1.8	184	126	126	3.00	3.40	3.50
Louisiana.....	2.8	2.2	3.0	179	145	225	2.25	2.70	1.85
Oklahoma.....	.6	.5	( <sup>2</sup> )	39	30	( <sup>2</sup> )	4.25	4.05	( <sup>2</sup> )
Texas.....	6.3	5.0	5.0	630	525	500	3.29	4.41	4.17
Arizona.....	10.9	10.1	12.8	2,725	2,323	2,944	2.53	3.15	2.90
California.....	49.8	38.6	43.6	15,936	14,089	14,606	2.08	2.99	2.41
Total.....	102.8	83.4	89.9	23,656	20,520	21,290			
Early summer:									
Missouri.....	2.6	2.0	1.0	286	240	110	2.50	2.50	2.75
Kansas.....	1.5	1.3	1.2	128	124	108	3.30	3.00	2.80
Delaware.....	8.5	8.1	8.0	1,700	1,539	1,680	2.04	2.15	2.20
Maryland.....	1.9	1.9	1.8	304	323	288	2.24	2.16	2.10
Virginia:									
Eastern Shore.....	26.8	27.6	28.4	3,698	4,002	3,607	3.21	2.53	2.54
Other.....	2.8	2.5	2.3	252	250	230	3.58	2.41	2.58
North Carolina.....	2.0	1.8	2.0	220	171	230	2.93	3.00	3.26
Kentucky.....	3.8	3.0	2.7	266	195	197	3.70	3.30	3.70
Tennessee.....	4.6	3.7	3.8	368	314	353	3.38	3.60	3.85
Alabama.....	6.0	8.0	9.0	810	984	1,170	2.95	3.05	2.53
Texas.....	19.4	19.0	19.1	3,395	3,610	3,534	3.40	3.00	3.32
California.....	7.4	6.4	5.5	2,553	2,240	1,980	2.02	2.52	2.04
Total.....	87.3	85.3	84.8	13,980	13,992	13,487			
Late summer:									
New York, L. I.....	6.9	6.5	7.0	1,518	1,658	1,820	1.83	1.80	2.02
New Jersey.....	16.0	14.0	13.0	4,160	3,570	3,250	1.98	2.19	2.43
Ohio.....	3.5	3.4	3.2	612	646	640	2.58	2.08	2.55
Indiana.....	1.1	1.0	.9	209	155	171	2.94	3.11	3.48
Illinois.....	2.5	2.3	2.4	412	414	456	3.00	2.65	2.40
Michigan.....	10.9	11.1	10.8	1,853	1,942	2,052	2.37	2.28	2.74
Wisconsin.....	17.5	15.5	16.0	3,850	3,255	3,520	1.99	1.95	2.35
Minnesota.....	7.2	7.4	7.9	1,728	1,739	1,975	2.14	2.10	2.40
Iowa.....	2.9	3.2	2.5	493	576	462	2.20	2.30	2.65
Nebraska.....	2.6	2.5	2.2	429	400	352	1.50	2.08	2.39
Maryland.....	.8	.7	.7	112	91	98	1.78	2.58	2.21
Virginia.....	1.2	1.0	.9	96	80	81	3.15	3.00	3.10
West Virginia.....	5.3	5.2	4.9	355	390	368	2.50	2.65	2.75
North Carolina.....	1.0	.9	1.0	120	145	126	2.68	2.95	3.17
Colorado.....	12.8	13.5	13.1	2,368	3,038	2,948	2.03	1.92	2.09
New Mexico.....	3.1	4.3	2.9	620	774	478	2.48	2.40	2.40
Washington.....	21.0	22.5	20.7	6,825	7,988	7,866	1.78	1.59	1.68
California.....	9.6	8.6	7.7	2,880	3,010	2,618	2.31	2.17	2.30
Total.....	125.9	123.6	117.8	28,640	29,852	29,300			

See footnotes at end of table.

Table 270.—Potatoes: Acreage, production, and season average price per hundred-weight received by farmers, by States, 1967-69—Continued

Season and State	Acreage harvested			Production			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Fall:									
Maine.....	158.0	155.0	156.0	37,604	36,425	35,100	1.36	1.85	1.60
New Hampshire.....	1.2	1.0	.9	252	230	176	2.35	2.70	2.60
Vermont.....	1.6	1.5	1.3	288	285	254	2.50	2.80	2.70
Massachusetts.....	6.4	5.6	5.0	1,216	1,036	950	2.15	2.40	2.30
Rhode Island.....	6.0	5.6	5.2	1,140	1,260	1,326	2.36	2.35	2.50
Connecticut.....	6.3	5.7	5.4	1,354	1,254	1,215	1.85	2.40	2.40
New York:									
Long Island.....	31.6	27.7	26.2	7,426	7,340	6,812	1.48	2.00	2.00
Upstate.....	36.0	35.5	35.5	8,820	8,342	8,342	2.29	2.71	2.70
Pennsylvania.....	38.0	37.0	35.5	9,120	7,585	7,810	2.23	2.60	2.70
8 Eastern.....	285.1	274.6	271.0	67,220	63,757	61,985	.....	.....	.....
Ohio.....	12.3	12.3	11.0	2,522	2,583	1,925	2.08	2.23	2.30
Indiana.....	6.5	5.8	5.7	1,950	1,363	1,396	2.17	2.34	2.60
Michigan.....	33.0	29.0	28.7	7,095	6,525	6,744	1.87	2.20	2.40
Wisconsin.....	39.5	38.5	37.0	9,401	8,855	8,880	2.06	2.91	2.60
Minnesota.....	98.0	87.0	90.0	11,760	12,180	13,500	1.41	1.56	1.40
North Dakota.....	120.0	108.0	110.0	14,280	15,660	15,400	1.34	1.35	1.30
South Dakota.....	5.9	5.4	5.1	590	621	561	1.79	1.74	2.10
Nebraska.....	7.8	7.0	6.9	1,794	1,820	1,794	1.26	1.14	1.20
8 Central.....	323.0	293.0	294.4	49,392	49,607	50,200	.....	.....	.....
Montana.....	8.4	8.1	7.5	1,512	1,498	1,388	2.59	3.95	3.10
Idaho:									
10 S.W. counties.....	31.0	29.0	30.0	9,300	7,830	9,600	1.31	1.60	1.70
Other counties.....	273.0	265.0	280.0	54,600	51,675	57,400	1.66	2.46	1.80
Wyoming.....	3.4	3.8	3.4	578	608	578	1.40	1.35	2.00
Colorado.....	33.6	34.5	37.0	9,240	8,280	8,695	1.74	1.57	1.70
Utah.....	7.7	6.7	7.4	1,463	1,072	1,332	2.06	2.73	2.30
Nevada.....	.7	.5	( <sup>2</sup> )	192	138	( <sup>2</sup> )	2.10	3.00	( <sup>2</sup> )
Washington.....	43.0	41.5	51.0	15,265	16,185	21,420	1.44	1.71	1.40
Oregon:									
Malheur County.....	20.5	16.5	15.0	5,842	4,208	4,275	1.82	1.50	1.70
Other counties.....	28.5	30.0	34.0	7,410	7,800	8,840	1.69	2.20	2.10
California.....	30.7	27.1	28.3	9,210	8,266	7,924	2.52	2.97	2.60
9 Western.....	480.5	462.7	493.6	114,612	107,560	121,452	.....	.....	.....
Total fall.....	1,088.6	1,030.3	1,059.0	231,224	220,924	233,637	.....	.....	.....
United States.....	1,457.3	1,377.6	1,408.8	305,334	294,192	307,229	1.86	2.23	2.13

<sup>1</sup> Preliminary.<sup>2</sup> Discontinued.<sup>3</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1967—Alabama, 78.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 268

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 269

<sup>1</sup> Excludes 78,000 cwt. not marketed in 1967. Prior to 1967, included the following quantities unharvested and/or not marketed and which were excluded in computing price and value (1,000 hundredweight): 1,147 in 1955, 534 in 1957, 934 in 1958, 248 in 1959, 48 in 1961, 333 in 1963, and 925 in 1966.<sup>2</sup> Obtained by weighting State prices by quantity sold.<sup>3</sup> Prices are of eastern potatoes weighted by unloads, seasons September-May. Price data are for Maine and Long Island potatoes only.<sup>4</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 271.

POTATOES

185

Table 271.—Potatoes: Acreage, yield, and production in specified countries, 1967-69<sup>1</sup>

Continent and country	Acreage			Yield per acre			Production		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>	<i>Million cwt.</i>
North America:									
Canada.....	304	303	306	154	175	164	46.7	52.9	50.2
Mexico.....	130	99	119	64	89	107	8.3	8.8	12.7
United States.....	1,458	1,378	1,404	209	213	219	305.4	294.2	307.2
Total.....	1,892	1,780	1,829	190	200	202	360.4	355.9	370.1
South America:									
Argentina.....	403	494	502	98	88	103	39.6	43.4	51.6
Brazil.....	536	561	400	60	63	72	32.3	35.4	28.7
Venezuela.....	43	44	44	77	80	73	3.3	3.5	3.2
Total.....	982	1,099	946	77	75	88	75.2	82.3	83.5
Europe:									
Austria.....	331	321	279	203	239	232	67.2	76.6	64.8
Belgium and Luxembourg.....	153	143	131	280	250	257	42.8	35.8	33.7
Denmark.....	91	86	82	208	221	160	18.9	19.0	13.1
Finland.....	180	158	166	108	127	130	19.4	20.0	21.5
France.....	1,245	1,134	1,023	184	195	190	229.1	221.2	194.2
Germany, West.....	1,747	1,629	1,455	269	260	242	469.4	423.2	352.4
Greece.....	126	116	119	126	118	124	15.9	13.7	14.8
Ireland.....	159	146	136	243	245	240	38.6	35.8	32.7
Italy.....	838	788	791	105	111	107	88.4	87.3	84.8
Netherlands.....	341	363	358	313	306	284	106.7	111.2	101.6
Norway.....	99	86	79	180	234	215	17.8	20.1	17.0
Portugal.....	289	259	235	99	92	101	28.7	23.9	23.8
Spain.....	941	927	954	98	105	109	92.5	97.7	104.0
Sweden.....	126	136	121	228	231	155	28.7	31.4	18.7
Switzerland.....	94	90	84	307	311	318	28.9	28.0	26.7
United Kingdom.....	708	692	615	224	218	221	158.8	151.2	135.8
Total Western Europe..	7,468	7,074	6,628	194	197	187	1,451.8	1,396.1	1,239.6
Poland.....	6,827	6,788	6,795	157	165	147	1,071.9	1,120.3	1,000.9
Yugoslavia.....	815	820	791	76	78	88	61.7	63.7	69.3
U.S.S.R.....	20,586	20,512	20,509	92	99	89	1,894.1	2,027.5	1,818.8
Other Eastern Europe....	3,967	3,806	3,541	137	142	113	543.2	541.6	400.8
Total Europe.....	39,663	39,000	38,264	127	132	118	5,022.7	5,149.2	4,529.4
Asia:									
Japan.....	452	442	413	177	193	182	80.1	85.3	75.0
Grand total.....	42,989	42,321	41,452	129	134	122	5,538.4	5,672.7	5,058.0

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 272.—Potatoes: Production, seed used, and farm disposition, United States, 1959–68

Year	Production <sup>1</sup>	Total used for seed <sup>2</sup>	Disposition on farms where grown			
			Used on farms where grown			Sold from farms <sup>3</sup>
			For seed	Feed, shrinkage, and loss	For household use	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1959	245,272	20,603	7,093	15,755	5,913	216,511
1960	257,104	22,310	7,560	15,911	5,310	228,323
1961	293,166	20,837	7,191	20,879	4,773	260,323
1962	264,810	20,084	5,955	16,967	3,955	237,933
1963	271,158	19,984	5,911	16,600	3,400	245,247
1964	241,076	21,566	7,363	12,205	2,776	218,732
1965	291,169	23,432	6,510	19,612	2,597	262,450
1966	306,902	24,286	8,113	31,384	2,378	265,027
1967	305,334	23,273	7,427	25,282	2,289	270,336
1968 <sup>4</sup>	294,192	24,182	6,905	20,933	2,137	264,217

<sup>1</sup> Excludes 78,000 cwt. not marketed in 1967. Prior to 1967, included the following quantities not harvested or not marketed because of low prices (1,000 hundredweight): 248 in 1959, 48 in 1961, 333 in 1963, and 925 in 1966.

<sup>2</sup> Includes seed purchased and seed used on farms where grown.

<sup>3</sup> Consists of potatoes sold for all purposes including food, seed, processing, and livestock feed.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 274.

Table 273.—Potatoes: Utilization, United States, crop years 1964–68

Item	1964	1965	1966	1967	1968 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>SALES</b>					
Table stock	129,513	139,542	133,856	131,184	125,277
For processing:					
Chips and shoestrings	28,783	31,292	32,729	32,406	34,123
Dehydration	10,801	20,166	19,811	19,084	22,751
Frozen french fries	20,494	32,263	34,029	34,601	37,794
Other frozen products	3,160	5,039	5,602	5,008	6,768
Canned potatoes	1,727	1,728	1,961	1,821	2,192
Other canned products (hash, stews, soups)	1,474	1,620	1,425	1,537	1,849
Starch and flour	2,990	8,081	11,001	12,049	7,299
Other sales:					
Livestock feed	5,587	5,797	8,440	16,800	8,877
Seed	14,203	16,922	16,173	15,846	17,277
<b>Total</b>	<b>218,732</b>	<b>262,450</b>	<b>265,027</b>	<b>270,336</b>	<b>264,217</b>
<b>NON-SALES</b>					
Seed used on farm where grown	7,363	6,510	8,113	7,427	6,905
Household use	2,776	2,597	2,378	2,289	2,137
Feed	1,871	2,179	2,930	2,781	2,074
Shrinkage and loss	10,334	17,433	28,454	22,501	18,859
<b>Total</b>	<b>22,344</b>	<b>28,719</b>	<b>41,875</b>	<b>34,998</b>	<b>29,975</b>
<b>Grand total</b>	<b>241,076</b>	<b>291,169</b>	<b>306,902</b>	<b>305,334</b>	<b>294,192</b>

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 274.—Potatoes: Production, seed used, and farm disposition, by seasonal groups, crop of 1968 (preliminary)

Season and State	Production	Total used for seed <sup>1</sup>	Disposition on farms where grown			
			For seed	Feed, shrinkage, and loss	For household use	Sold from farms <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Winter:						
Florida.....	1,995	317	0	7	1	1,987
California.....	1,890	150	0	85	1	1,804
Total.....	3,885	467	0	92	2	3,791
Early spring:						
Florida:						
Hastings.....	4,384	534	0	20	1	4,363
Other.....	388	54	0	2	2	384
Texas.....	247	50	0	2	0	245
Total.....	5,019	638	0	24	3	4,992
Late spring:						
North Carolina:						
8 N. E. counties.....	1,425	133	3	43	5	1,374
Other counties.....	264	24	1	7	54	202
South Carolina.....	40	6	0	1	7	32
Alabama.....	1,365	142	0	20	2	1,343
Mississippi.....	188	22	0	4	30	154
Arkansas.....	126	14	0	3	54	69
Louisiana.....	145	26	0	9	20	116
Oklahoma.....	30	4	0	1	15	14
Texas.....	525	49	0	8	35	482
Arizona.....	2,323	179	2	23	3	2,295
California.....	14,089	732	0	282	2	13,805
Total.....	20,520	1,331	6	401	227	19,886
Early summer:						
Missouri.....	240	17	1	8	80	151
Kansas.....	124	12	0	5	24	95
Delaware.....	1,539	112	3	77	3	1,456
Maryland.....	323	27	1	11	2	309
Virginia:						
Eastern Shore.....	4,002	319	54	132	2	3,814
Other.....	250	23	1	7	55	187
North Carolina.....	171	17	1	5	70	95
Kentucky.....	195	23	5	13	144	33
Tennessee.....	314	31	6	13	77	218
Alabama.....	984	105	1	30	35	918
Texas.....	3,610	255	5	137	1	3,467
California.....	2,240	91	0	67	0	2,173
Total.....	13,992	1,032	78	505	493	12,916
Late summer:						
New York, L.I.....	1,658	132	0	22	2	1,634
New Jersey.....	3,570	241	7	161	5	3,397
Ohio.....	646	48	3	31	53	559
Indiana.....	155	16	1	5	14	135
Illinois.....	414	38	4	17	17	376
Michigan.....	1,942	209	104	91	8	1,739
Wisconsin.....	3,255	248	99	117	32	3,007
Minnesota.....	1,739	119	5	89	4	1,641
Iowa.....	576	35	14	22	57	483
Nebraska.....	400	26	3	32	30	335
Maryland.....	91	7	1	4	12	74
Virginia.....	80	8	2	4	60	14
West Virginia.....	390	46	14	20	200	156
North Carolina.....	126	8	2	5	44	75
Colorado.....	3,038	223	16	316	8	2,698
New Mexico.....	774	66	7	52	1	714
Washington.....	7,988	368	0	243	7	7,733
California.....	3,010	154	54	36	0	2,920
Total.....	29,852	1,992	336	1,272	554	27,690

See footnotes at end of table.

Table 274.—Potatoes: Seed used, and farm disposition, by seasonal groups, crop of 1968 (preliminary)—Continued

Season and State	Production	Total used for seed <sup>1</sup>	Disposition on farms where grown			
			For seed	Feed, shrinkage, and loss	For household use	Sold from farms <sup>2</sup>
Fall:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Maine.....	36,425	3,580	2,220	2,441	56	31,708
New Hampshire.....	230	14	3	12	6	209
Vermont.....	285	22	11	14	10	250
Massachusetts.....	1,036	82	2	75	6	953
Rhode Island.....	1,260	90	0	36	1	1,223
Connecticut.....	1,254	83	1	44	4	1,205
New York:						
Long Island.....	7,340	493	0	506	9	6,825
Upstate.....	8,342	781	250	584	76	7,432
Pennsylvania.....	7,585	630	126	509	135	6,815
8 Eastern.....	63,757	5,775	2,613	4,221	303	56,620
Ohio.....	2,583	190	8	189	30	2,356
Indiana.....	1,363	114	17	45	8	1,293
Michigan.....	6,525	570	194	541	72	5,718
Wisconsin.....	8,855	600	360	1,001	112	7,382
Minnesota.....	12,180	1,428	371	1,364	112	10,333
North Dakota.....	15,660	1,552	543	1,739	86	13,292
South Dakota.....	621	56	17	81	14	509
Nebraska.....	1,820	94	44	100	2	1,674
8 Central.....	49,607	4,604	1,554	5,060	436	42,557
Montana.....	1,498	125	81	186	17	1,214
Idaho:						
10 S. W. counties.....	7,830	480	43	1,112	3	6,672
Other counties.....	51,675	4,686	1,406	4,392	35	45,842
Wyoming.....	608	58	32	91	3	482
Colorado.....	8,280	749	449	994	6	6,831
Utah.....	1,072	113	40	156	12	864
Nevada.....	138	8	2	18	1	117
Washington.....	16,185	768	23	857	22	15,283
Oregon:						
Malheur County.....	4,208	240	12	408	2	3,786
Other counties.....	7,800	568	170	780	16	6,834
California.....	8,266	548	60	364	2	7,840
9 Western.....	107,560	8,343	2,318	9,358	119	95,765
Total fall.....	220,924	18,722	6,485	18,639	858	194,942
United States.....	294,192	24,182	6,905	20,933	2,137	264,217

<sup>1</sup> Includes seed purchased and seed used on farms where grown.<sup>2</sup> Consists of potatoes sold for all purposes including food, seed, processing, and livestock feed.

Statistical Reporting Service.

Table 275.—Potatoes, white: United States exports by country of destination and imports by country of origin, 1966–68

Item and country	Year beginning July			Item and country	Year beginning July		
	1966	1967	1968		1966	1967	1968
<b>EXPORTS</b>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<b>EXPORTS—continued</b>			
Europe: Total .....	23	2	4	Other countries—			
Latin American Republics:				Continued			
Argentina .....	10	21	23	Netherlands .....	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Mexico .....	82	105	26	Antilles .....	4	1	5
Panama .....	5	15	11	Philippines .....	3	3	2
Uruguay .....		172		Saudi Arabia .....	2	1	6
Venezuela .....				West Indies .....	40	55	52
Others .....	17	1	1	Others .....	14	9	4
Total .....	114	314	61	Total .....	2,110	3,276	2,504
Other countries:				Grand total .....	2,247	3,592	2,569
British Honduras .....	3	2		<b>IMPORTS</b>			
Canada .....	2,044	3,205	2,435	Certified seed:			
				Canada .....	1,502	802	1,416
				Other potatoes:			
				Canada .....	1,240	481	1,220

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 276.—Shallots, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954–69<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954 .....	6,000	23	138	9.22	1,273	1962 .....	950	25	24	6.63	159
1955 .....	7,300	32	230	5.48	1,063	1963 .....	1,000	29	29	10.10	293
1956 .....	6,500	30	195	6.18	1,069	1964 .....	870	29	25	9.76	244
1957 .....	4,300	23	98	6.97	683	1965 .....	900	31	28	11.04	309
1958 .....	3,300	26	87	5.87	511	1966 .....	800	31	25	11.92	298
1959 .....	2,600	28	72	6.14	442	1967 .....	950	34	32	12.30	394
1960 .....	1,950	27	53	5.31	239	1968 .....	1,020	36	37	12.00	444
1961 .....	1,400	24	34	5.79	197	1969 <sup>4</sup> .....					

<sup>1</sup> Louisiana only.

<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 36 in 1955, 22 in 1956, and 8 in 1960.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Estimates discontinued.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 278.

Table 277.—Spinach, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1967-69

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>FOR FRESH MARKET<sup>2</sup></b>									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Texas.....	6,000	4,500	6,000	180	189	210	12.80	14.10	10.40
California.....	1,600	1,400	1,400	192	154	161	9.70	10.00	12.40
Total or average.....	7,600	5,900	7,400	372	343	371	11.20	12.30	11.30
Spring:									
New York.....	500	450	( <sup>3</sup> )	48	40	( <sup>3</sup> )	7.70	7.40	( <sup>3</sup> )
New Jersey.....	1,000	900	900	70	63	63	6.70	6.80	6.80
Pennsylvania.....	400	450	( <sup>3</sup> )	14	18	( <sup>3</sup> )	10.20	8.50	( <sup>3</sup> )
Ohio.....	250	250	( <sup>3</sup> )	18	15	( <sup>3</sup> )	11.10	11.00	( <sup>3</sup> )
Maryland and Virginia.....	1,650	1,300	1,550	80	58	72	8.20	7.74	7.76
Total or average.....	3,800	3,350	2,450	230	194	135	7.99	7.69	7.31
Summer: Colorado.....	1,200	1,100	1,100	78	77	77	12.30	12.60	13.30
Early fall:									
New York.....	500	500	( <sup>3</sup> )	40	40	( <sup>3</sup> )	7.60	8.90	( <sup>3</sup> )
New Jersey.....	900	800	800	54	48	44	6.70	7.70	8.30
Pennsylvania.....	500	450	( <sup>3</sup> )	25	25	( <sup>3</sup> )	10.50	9.60	( <sup>3</sup> )
Ohio.....	400	400	( <sup>3</sup> )	26	22	( <sup>3</sup> )	10.50	11.70	( <sup>3</sup> )
Total or average.....	2,300	2,150	800	145	135	44	8.28	9.06	8.30
Late fall:									
Maryland and Virginia.....	1,300	1,300	1,450	60	63	77	8.43	8.21	9.39
United States.....	16,200	13,800	13,200	885	812	704	9.80	10.40	10.30
<b>FOR PROCESSING</b>									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Winter:									
Florida.....	2,200	1,900	1,300	12,500	9,300	8,800	43.30	42.00	40.60
California.....	8,700	8,700	6,800	80,900	78,300	55,800	35.80	36.60	37.00
Total or average.....	10,900	10,600	8,100	93,400	87,600	64,600	36.80	37.20	37.50
Spring:									
Arkansas.....	900	1,400	1,400	3,000	5,000	5,500	51.30	51.40	51.10
Oklahoma.....	1,800	2,100	1,500	4,000	5,700	5,400	50.00	50.00	50.00
Other States <sup>4</sup> .....	7,520	5,800	5,500	31,700	31,280	33,170	41.50	43.90	44.10
Total or average.....	10,220	9,300	8,400	38,700	41,980	44,070	43.10	45.60	45.70
Fall:									
Arkansas.....	1,400	1,700	1,400	4,500	6,100	5,000	50.70	51.60	50.80
Oklahoma.....	1,600	1,200	1,700	5,100	3,800	5,100	50.09	48.90	50.20
Washington.....	700	750	650	5,600	5,900	5,200	32.50	33.30	32.30
Other States <sup>5</sup> .....	2,390	1,830	2,200	9,730	8,400	10,750	61.40	62.40	56.00
Total or average.....	6,090	5,480	5,950	24,930	24,200	26,050	50.60	50.50	49.10
United States.....	27,210	25,380	22,450	157,030	153,780	134,720	40.50	41.60	42.40
Grand total.....	43,410	39,180	35,650	201,280	194,380	169,920	<sup>6</sup> 74.70	<sup>6</sup> 76.10	<sup>6</sup> 76.50

<sup>1</sup> Preliminary.<sup>2</sup> Includes small quantities used for processing except in States for which processing estimates are made separately.<sup>3</sup> Estimates discontinued.<sup>4</sup> New York, New Jersey, Pennsylvania, Michigan, Wisconsin, Delaware, Maryland, Virginia, Tennessee, Texas, Idaho, and Washington.<sup>5</sup> New York, New Jersey, Michigan, Delaware, Maryland, Virginia, Tennessee, Mississippi, and California.<sup>6</sup> Derived value per ton.

Statistical Reporting Service.



Table 278.—Spinach, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-69

Year	For fresh market <sup>1</sup>					For processing				
	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Acreage harvested	Yield per acre	Production <sup>2</sup>	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</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>
1954	32,290	53	1,716	5.72	9,762	25,200	4.0	99,920	39.60	3,958
1955	26,690	54	1,605	6.16	9,836	30,900	4.2	130,000	38.50	5,007
1956	31,220	56	1,754	5.91	10,288	33,760	4.2	140,370	39.40	5,525
1957	29,190	56	1,648	5.97	9,832	32,880	4.3	139,900	37.90	5,300
1958	28,490	58	1,661	6.53	10,884	30,120	4.0	121,700	41.20	5,008
1959	26,500	59	1,551	6.47	10,028	32,330	4.6	147,820	37.42	5,531
1960	24,980	61	1,523	6.67	10,160	32,510	4.4	143,860	35.64	5,127
1961	24,160	53	1,280	6.52	8,335	30,500	4.7	144,480	35.62	5,147
1962	20,440	55	1,126	7.26	8,172	24,620	5.0	122,160	36.85	4,502
1963	19,200	58	1,109	7.39	8,190	27,210	5.7	155,790	37.40	5,827
1964	18,110	58	1,057	7.42	7,845	25,290	5.8	146,860	38.34	5,630
1965	17,050	58	997	8.01	7,965	21,400	5.9	125,200	39.90	4,972
1966	16,800	52	876	9.08	7,958	24,820	5.9	145,870	41.37	6,035
1967	16,200	55	885	9.80	8,670	27,210	5.8	157,030	40.50	6,367
1968	13,800	59	812	10.40	8,406	25,380	6.1	153,780	41.60	6,393
1969 <sup>5</sup>	13,200	53	704	10.30	7,279	22,450	6.0	134,720	42.40	5,717

<sup>1</sup> Includes small quantities used for processing except in the States for which processing estimates are made.

<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value: For fresh market (1,000 hundredweight)—10 in 1954, 9 in 1955, 3 in 1956, 2 in 1961, and 2 in 1965; for processing (tons)—600 in 1965.

<sup>3</sup> F.o.b. basis.

<sup>4</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 279.

Table 279.—Sweetpotatoes: Acreage, yield, production, season average price per hundredweight received by farmers, and value, United States, 1954-69

Year	Acreage harvested	Yield per acre	Production	Price <sup>1</sup>	Farm value	Year	Acreage harvested	Yield per acre	Production	Price <sup>1</sup>	Farm value
	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	261	57.7	15,068			1962	203	85	17,120	3.54	61,488
1954	332	51.8	17,198	4.20	76,302	1963	171	84	14,356	4.03	57,835
1955	342	63.3	21,608	3.27	72,392	1964	112	90	10,123		
1956	276	63.0	17,381	4.01	70,757	1964	151	86	12,969	5.09	65,980
1957	274	65.9	18,057	4.18	75,964	1965	168	92	15,524	4.21	65,628
1958	256	68.8	17,571	3.76	67,933	1966	157	87	13,697	4.98	62,399
1959	218	74	16,162			1967	147	93	13,658	4.49	61,204
1959	257	74	18,865	3.25	62,253	1968	149	92	13,763	4.90	66,526
1960	191	78	14,858	4.09	61,358	1969 <sup>2</sup>	147	95	13,958	4.44	62,342
1961	183	79	14,415	4.30	61,924						

<sup>1</sup> Obtained by weighting State prices by quantity sold.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 281.

Table 280.—Sweetpotatoes: Acreage, production, and season average price per hundredweight received by farmers, by States, 1967–69

State	Acreage harvested			Production			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
New Jersey	6.1	5.4	3.3	610	594	314	6.57	7.15	6.20
Kansas	1.0	.9	( <sup>2</sup> )	85	86	( <sup>2</sup> )	5.00	5.04	( <sup>2</sup> )
Maryland	3.0	3.0	2.8	420	450	378	4.04	4.97	3.50
Virginia	13.8	12.6	10.7	1,656	1,449	1,519	2.92	3.48	3.00
North Carolina	19.0	22.0	28.0	2,185	2,530	3,220	3.37	4.82	4.20
South Carolina	2.8	2.5	2.5	210	162	212	5.51	5.28	5.80
Georgia	8.0	8.5	8.0	720	680	640	6.81	6.57	6.70
Tennessee	3.3	2.8	2.6	264	266	273	5.06	5.56	5.70
Alabama	5.8	5.4	5.3	464	470	450	5.76	5.52	5.40
Mississippi	13.0	11.0	10.0	1,105	935	850	5.04	5.13	5.20
Arkansas	1.9	1.8	1.9	171	135	142	4.93	5.03	5.40
Louisiana	49.0	52.0	52.0	4,116	4,160	4,420	3.52	3.73	3.50
Oklahoma	.7	.7	( <sup>2</sup> )	46	42	( <sup>2</sup> )	5.52	5.04	( <sup>2</sup> )
Texas	10.8	12.0	12.0	810	980	720	5.11	5.75	6.50
New Mexico	.4	.4	( <sup>2</sup> )	36	44	( <sup>2</sup> )	5.81	5.85	( <sup>2</sup> )
California	8.0	8.0	8.2	760	800	820	9.61	8.62	7.50
United States	146.6	149.0	147.3	13,658	13,763	13,958	4.49	4.90	4.44

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued.

Statistical Reporting Service.

Table 281.—Sweetpotatoes: Production, seed used, and farm disposition, United States, 1959–68

Year	Production	Total used for seed <sup>1</sup>	Disposition on farms where grown			
			Used on farms where grown			Sold from farms <sup>2</sup>
			For seed	Feed, shrinkage, and loss	For household use	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1959	18,865	721	545	3,332	2,102	12,886
1960	14,858	738	519	1,899	1,711	10,729
1961	14,415	845	591	1,713	1,471	10,640
1962	17,120	722	537	2,512	1,386	12,685
1963	14,356	633	479	1,805	1,049	11,023
1964	12,969	767	579	1,386	843	10,161
1965	15,524	774	611	1,976	737	12,200
1966	13,697	718	564	1,578	641	10,914
1967	13,658	796	617	1,365	589	11,087
1968 <sup>3</sup>	13,763	936	730	1,275	533	11,225

<sup>1</sup> Includes seed purchased and seed used on farms where grown.<sup>2</sup> Consists of sweetpotatoes sold for all purposes including food, seed, processing, and livestock feed.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-58 in *Agricultural Statistics, 1967*, table 283.

Table 282.—Sweetpotatoes: Production, seed used, and farm disposition, by States, crop of 1968 (preliminary)

State	Production	Total used for seed <sup>1</sup>	Disposition on farms where grown			
			For seed	Feed, shrinkage, and loss	For household use	Sold from farms <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
New Jersey.....	594	18	17	38	1	538
Kansas.....	86	3	2	4	1	79
Maryland.....	450	12	10	25	6	409
Virginia.....	1,449	68	59	53	23	1,314
North Carolina.....	2,530	144	109	328	153	1,940
South Carolina.....	162	11	7	29	28	98
Georgia.....	680	31	23	84	30	543
Tennessee.....	266	10	7	24	42	193
Alabama.....	470	16	12	75	81	302
Mississippi.....	935	55	33	95	48	759
Arkansas.....	135	6	4	26	20	85
Louisiana.....	4,160	448	349	312	84	3,415
Oklahoma.....	42	3	2	3	2	35
Texas.....	960	78	71	113	12	764
New Mexico.....	44	2	2	2	1	39
California.....	800	31	23	64	1	712
United States.....	13,763	936	730	1,275	533	11,225

<sup>1</sup> Includes seed purchased and seed used on farms where grown.

<sup>2</sup> Consists of sweetpotatoes sold for all purposes including food, seed, processing, and livestock feed.

Statistical Reporting Service.

Table 283.—Tomatoes, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
<b>FOR FRESH MARKET</b>									
Winter:									
Florida.....	14,900	13,000	14,500	2,831	2,340	2,248	9.40	14.20	11.60
Early spring:									
Florida.....	14,300	14,200	19,300	3,218	2,840	2,606	9.50	13.60	14.10
Texas.....	2,200	1,600	2,000	128	80	150	7.20	9.50	13.90
California.....	1,300	2,000	2,400	273	320	444	16.30	12.90	12.90
Total or average.....	17,800	17,800	23,700	3,619	3,240	3,200	9.93	13.40	13.90
Late spring:									
South Carolina.....	7,100	7,700	8,200	746	654	697	9.20	10.30	9.20
Georgia.....	2,800	3,500	3,300	188	231	198	7.60	6.50	7.20
Mississippi.....	650	650	( <sup>2</sup> )	32	30	( <sup>2</sup> )	10.00	9.30	( <sup>2</sup> )
Louisiana.....	1,400	1,600	1,400	77	128	98	11.60	15.60	17.50
Texas.....	5,800	5,700	5,700	261	256	239	8.50	8.60	10.20
Total or average.....	17,750	19,150	18,600	1,304	1,299	1,232	8.99	9.79	9.73
Early summer:									
New Jersey.....	7,400	7,000	6,800	666	665	578	9.40	9.40	11.30
Ohio.....	850	800	700	102	104	98	20.10	17.80	13.60
Illinois.....	400	500	( <sup>2 3</sup> )	24	30	( <sup>2 3</sup> )	19.20	12.20	( <sup>2</sup> )
Missouri.....	900	800	700	90	76	63	6.90	10.40	14.50
Delaware.....	200	250	( <sup>2</sup> )	26	30	( <sup>2</sup> )	5.50	6.30	( <sup>2</sup> )
Maryland.....	2,100	2,100	1,900	273	252	266	5.60	6.30	6.80
Virginia.....	4,600	3,400	3,700	460	442	470	9.40	9.30	7.00
North Carolina.....	1,600	1,700	1,600	104	119	112	8.10	7.00	8.20
Kentucky.....	800	800	700	68	56	60	13.40	11.10	12.10
Tennessee.....	2,200	2,300	2,200	242	253	242	10.00	8.30	8.80
Alabama.....	6,000	9,000	8,500	330	450	493	10.40	10.80	9.70
Arkansas.....	3,200	3,400	3,600	384	323	324	16.00	13.30	11.20
California.....	11,500	14,900	13,000	1,898	2,682	2,860	11.30	10.10	8.70
Total or average.....	41,750	46,950	43,400	4,667	5,482	5,466	10.80	10.00	9.19

See footnotes at end of table.

Table 283.—Tomatoes, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1967-69—Continued

Utilization, season, and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>FOR FRESH MARKET— continued</b>									
Late summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Massachusetts.....	900	850	750	171	166	154	9.70	12.00	12.40
Rhode Island.....	280	280	( <sup>2</sup> )	45	45	( <sup>2</sup> )	10.40	10.20	( <sup>2</sup> )
Connecticut.....	1,200	1,200	1,100	168	192	170	11.00	13.00	13.30
New York.....	4,200	4,300	3,900	441	494	390	6.40	7.00	8.20
Pennsylvania.....	3,100	3,000	3,000	326	300	300	6.90	6.70	7.40
Ohio.....	2,200	2,400	2,200	275	252	176	10.70	11.40	13.30
Indiana.....	2,500	2,400	2,400	225	204	240	13.40	10.10	10.30
Illinois.....	1,100	1,100	1,500	66	66	90	6.20	7.60	8.60
Michigan.....	5,200	5,000	4,500	520	500	472	9.50	7.40	10.80
North Carolina.....	1,400	1,200	1,200	327	276	312	6.40	9.70	9.70
Colorado.....	500	550	500	70	88	60	5.70	6.70	6.20
Washington.....	450	400	450	58	72	68	7.60	7.60	7.90
Oregon.....	350	400	( <sup>2</sup> )	49	44	( <sup>2</sup> )	9.40	9.90	( <sup>2</sup> )
Total or average.....	23,380	23,080	21,500	2,741	2,699	2,432	8.66	8.82	9.95
Early fall: California.....	19,800	15,000	16,100	3,366	3,150	3,542	8.30	12.20	13.50
Late fall:									
Florida.....	11,800	9,400	9,200	1,947	1,269	1,380	9.30	14.30	12.00
Texas.....	1,300	1,800	2,100	52	117	84	8.60	12.70	16.50
Total or average.....	13,100	11,200	11,300	1,999	1,386	1,464	9.28	14.20	12.30
All groups.....	148,480	146,180	149,100	20,527	19,596	19,584	9.50	11.50	11.40
Hawaii.....	220	180	200	61	55	49	15.50	16.90	17.90
United States.....	148,700	146,360	149,300	20,588	19,651	19,633	9.52	11.60	11.40
<b>FOR PROCESSING</b>							<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
New York.....	6,700	7,000	5,000	90,400	84,700	66,000	43.00	41.50	41.20
New Jersey.....	21,100	19,700	15,400	322,800	<sup>5</sup> 329,000	222,000	41.90	<sup>6</sup> 37.60	40.20
Pennsylvania.....	10,300	10,000	9,300	154,500	177,000	139,500	41.30	39.20	38.20
Ohio.....	27,900	30,800	26,900	541,300	<sup>5</sup> 625,200	438,500	37.00	<sup>6</sup> 35.30	36.60
Indiana.....	19,600	20,300	17,500	297,900	<sup>5</sup> 286,200	264,200	39.10	<sup>6</sup> 38.60	37.60
Illinois.....	6,300	5,500	4,900	119,700	94,000	77,400	39.70	40.70	39.40
Michigan.....	6,300	6,200	4,900	81,300	87,400	58,300	38.10	37.10	36.80
Delaware.....	1,600	1,500	1,100	20,500	19,000	13,400	41.40	42.00	39.30
Maryland.....	7,000	7,300	4,600	72,800	92,000	47,800	45.20	41.10	37.10
Virginia.....	8,700	7,000	5,500	55,700	63,000	42,400	43.40	35.60	34.00
Florida.....	10,400	4,900	5,800	96,700	43,100	43,500	35.90	31.30	30.00
Texas.....	6,400	9,000	6,000	40,300	52,200	42,600	38.00	39.00	34.40
Colorado.....	1,100	1,300	1,000	10,600	15,500	12,400	34.60	39.60	36.20
New Mexico.....	600	900	800	7,200	12,600	9,600	34.00	34.00	34.00
Utah.....	2,200	2,500	1,900	34,300	33,000	32,500	33.40	38.20	32.50
California.....	186,700	231,300	157,000	3,192,600	<sup>5</sup> 4,903,600	3,391,200	44.90	<sup>6</sup> 41.40	33.50
Other States <sup>7</sup> .....	4,660	4,950	3,590	48,850	48,360	27,550	40.90	37.90	36.50
United States.....	327,560	370,150	271,190	5,187,450	<sup>5</sup> 6,965,860	4,928,850	42.80	<sup>6</sup> 40.20	34.70
Grand total.....	476,260	516,510	420,490	6,216,850	7,948,410	5,910,500	<sup>8</sup> 67.20	<sup>8</sup> 63.90	<sup>8</sup> 66.80

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued.<sup>3</sup> Combined with "Late summer."<sup>4</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1967—Hawaii, 1; late summer, North Carolina, 51; 1969—early summer, Virginia, 40.<sup>5</sup> Includes some quantities not delivered because of economic conditions.<sup>6</sup> Average price derived.<sup>7</sup> Wisconsin, Iowa, Missouri, Kansas, West Virginia, North Carolina, South Carolina, Kentucky, Alabama, Arkansas, Louisiana, Oklahoma, and Washington.<sup>8</sup> Value per ton derived.

Statistical Reporting Service.

Table 284.—Tomatoes, commercial crop: Acreage, yield, production, value per hundredweight and per ton, total value, and foreign trade, United States, 1954–69

Year	For fresh market					For processing					Foreign trade, year beginning July									
	Acreage for harvest	Yield per acre	Production <sup>1</sup>		Value <sup>2</sup>		Acreage harvested	Yield per acre	Production <sup>1</sup>		Value <sup>3</sup>		Imports			Domestic exports				
			1,000 cwt.	1,000 dollars	Per cwt.	Total			Tons	Tons	Per ton	Total	Fresh	Canned <sup>4</sup>	Paste	Fresh	Canned <sup>5</sup>	Catsup and sauces	Paste <sup>5</sup>	Juice <sup>5</sup>
1954	236,450	84	19,776	6.94	136,521	262,950	10.3	2,690,690	24.30	65,656	86,894	77,673	6,586	87,676	9,420	33,663	20,822	37,204		
1955	232,230	90	20,951	7.03	146,585	330,500	9.9	3,278,320	24.90	81,626	82,145	82,896	9,229	97,869	8,339	25,750	11,398	41,168		
1956	221,600	90	19,868	8.10	180,190	354,480	13.1	4,638,010	25.70	119,013	120,928	94,783	5,767	126,081	23,633	33,021	27,825	59,116		
1957	218,280	92	20,147	7.73	155,723	304,320	10.9	3,314,130	25.20	83,558	272,296	80,664	4,680	82,956	6,504	34,493	28,177	52,763		
1958	212,650	87	18,463	6.61	118,506	343,650	12.5	4,281,190	25.40	108,838	236,824	118,913	9,488	127,461	8,199	25,002	17,511	36,607		
1959	193,170	101	19,486	7.70	150,003	296,930	11.9	3,539,030	24.46	86,574	309,331	96,064	6,115	79,796	11,055	19,934	21,849	27,615		
1960 <sup>6</sup>	161,520	118	19,006	8.00	152,052	279,950	14.5	4,053,770	26.12	105,903	200,879	126,250	15,172	87,845	6,962	16,952	16,140	28,256		
1961	163,530	129	21,121	7.61	180,734	304,550	14.0	4,257,900	29.65	126,252	237,585	148,104	48,288	92,900	4,046	13,964	12,386	26,627		
1962	158,430	132	20,877	7.53	157,123	327,900	16.4	5,393,900	28.42	153,278	238,544	125,408	24,036	88,919	3,274	15,284	12,786	26,479		
1963	155,920	128	20,012	7.68	153,709	250,460	16.4	4,099,690	26.74	109,640	251,229	80,315	15,630	99,199	8,041	16,619	14,068	31,874		
1964	155,270	132	20,528	8.85	181,677	273,350	16.8	4,583,310	30.72	140,810	261,927	82,886	15,417	105,550	18,602	20,144	13,623	30,675		
1965	153,380	134	20,585	9.44	193,791	257,360	17.5	4,501,140	37.16	163,913	341,124	102,692	38,649	99,550	11,639	17,057	11,524	21,034		
1966	152,000	136	20,740	9.39	190,923	300,130	15.5	4,680,570	35.69	166,345	382,752	111,550	78,975	86,014	10,741	12,721	8,436	19,201		
1967	148,700	138	20,658	9.52	196,045	327,560	15.8	5,187,450	42.80	221,982	363,814	153,009	175,010	89,845	6,609	9,591	6,473	17,284		
1968	146,360	134	19,651	11.60	227,195	370,150	18.8	6,965,880	43.20	280,362	427,129	117,175	128,225	99,530	10,105	10,752	7,946	13,621		
1969 <sup>7</sup>	149,300	132	19,633	11.40	223,719	271,190	18.2	4,928,850	34.70	171,103	.....	.....	.....	.....	.....	.....	.....	.....		

<sup>1</sup> For fresh market, excludes the following quantities not marketed (1,000 hundredweight): 52 in 1967, and 40 in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value; For fresh market (1,000 hundredweight)—102 in 1954, 110 in 1955, 100 in 1956, 541 in 1958, 1 in 1962, 1 in 1963, 1 in 1964, 56 in 1965, and 406 in 1966. For processing, includes 90,600 tons not marketed in 1965. In 1968, includes some quantities not delivered because of economic conditions; average value derived.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Includes "otherwise prepared," if any.

<sup>5</sup> Includes exports for military-civilian feeding abroad.

<sup>6</sup> Beginning 1960, includes Hawaii.

<sup>7</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1939-53 in *Agricultural Statistics, 1967*, table 286.

Table 285.—Watermelons, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-69

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	443,950	71	31,567	1.15	35,087	1962.....	298,280	97	28,961	1.47	38,590
1955.....	433,400	79	34,156	1.29	41,384	1963.....	286,310	109	31,102	1.44	41,885
1956.....	397,300	77	30,495	1.44	42,632	1964.....	280,400	98	27,615	1.70	46,880
1957.....	393,100	70	27,487	1.69	46,418	1965.....	284,720	104	29,671	1.60	47,355
1958.....	398,550	86	34,195	1.07	32,261	1966.....	274,540	105	28,941	1.87	52,965
1959.....	327,900	82	26,995	1.74	46,798	1967.....	272,760	102	27,735	2.10	58,239
1960 <sup>3</sup> .....	332,290	94	31,112	1.29	38,182	1968.....	286,080	97	27,611	1.88	51,844
1961.....	307,580	95	29,083	1.58	45,997	1969 <sup>4</sup> .....	276,500	95	26,307	2.06	54,084

<sup>1</sup> Excludes 90,000 cwt. not marketed in 1968. Prior to 1967, included some quantities not marketed which were excluded in computing value (1,000 hundredweight): 1,021 in 1954, 1,993 in 1955, 954 in 1956, 3,996 in 1958, 70 in 1959, 1,444 in 1960, 2,712 in 1962, 1,919 in 1963, 51 in 1964, 37 in 1965, and 590 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1960, includes Hawaii.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 287.

Table 286.—Watermelons, commercial crop: Acreage, production, and value per hundredweight, by States, 1967-69

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Late spring:									
Florida.....	57,000	56,000	53,500	8,265	7,560	6,955	2.10	2.10	2.50
California.....	3,700	5,600	5,600	796	812	1,008	3.85	3.60	2.50
Total or average.....	60,700	61,600	59,100	9,061	8,372	7,963	2.25	2.25	2.50
Early summer:									
North Carolina.....	6,500	6,000	7,200	455	390	648	1.65	1.85	1.70
South Carolina.....	24,000	24,000	24,000	2,160	1,632	1,608	1.55	1.45	1.65
Georgia.....	36,000	39,500	37,500	3,420	3,555	3,000	1.95	1.60	1.50
Alabama.....	13,000	14,500	13,500	1,300	1,305	1,148	2.00	1.80	1.70
Mississippi.....	8,300	8,500	10,000	664	663	680	1.80	1.40	1.50
Arkansas.....	5,700	5,800	6,200	484	493	496	2.15	1.50	2.05
Louisiana.....	3,100	3,300	3,400	248	297	255	1.60	1.80	1.90
Oklahoma.....	9,500	11,000	11,500	760	770	920	1.70	1.30	2.10
Texas.....	70,000	74,000	70,000	4,200	4,810	4,690	2.05	1.25	1.95
Arizona.....	3,400	4,000	5,100	595	680	765	3.35	3.05	1.80
California.....	9,200	10,000	10,000	1,426	1,600	1,500	2.50	2.25	2.00
Total or average.....	188,700	200,600	198,400	15,712	16,195	15,710	2.00	1.61	1.79
Late summer:									
Indiana.....	5,200	5,100	5,900	806	688	914	2.20	1.90	2.35
Illinois.....	1,700	1,700	( <sup>2</sup> )	178	170	( <sup>2</sup> )	2.40	2.55	( <sup>2</sup> )
Missouri.....	7,100	7,500	7,800	568	750	819	3.10	2.40	2.55
Delaware.....	1,000	1,100	1,300	165	220	221	1.45	2.50	1.95
Maryland.....	3,000	3,300	4,000	540	660	680	1.30	2.50	1.95
Virginia.....	3,200	3,000	( <sup>2</sup> )	336	315	( <sup>2</sup> )	1.10	1.50	( <sup>2</sup> )
Washington.....	800	900	( <sup>2</sup> )	152	<sup>3</sup> 108	( <sup>2</sup> )	2.90	2.85	( <sup>2</sup> )
Oregon.....	1,200	1,100	( <sup>2</sup> )	204	<sup>3</sup> 115	( <sup>2</sup> )	2.35	2.60	( <sup>2</sup> )
Total or average.....	23,200	23,700	19,000	2,949	3,026	2,634	2.10	2.25	2.28
All groups.....	272,600	285,900	276,500	27,722	27,593	26,307	2.09	1.87	2.06
Hawaii.....	160	180	( <sup>2</sup> )	13	18	( <sup>2</sup> )	12.70	11.70	( <sup>2</sup> )
United States.....	272,760	286,080	276,500	27,735	27,611	26,307	2.10	1.88	2.06

<sup>1</sup> Preliminary.

<sup>2</sup> Estimates discontinued.

<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—late summer, Washington, 40, and Oregon, 50.

Statistical Reporting Service.

VEGETABLE UNLOADS

197

Table 287.—Vegetables: Unloads at 8 markets, by commodities, 1969

Commodity	Boston			New York <sup>2</sup>			Philadelphia			Baltimore		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
<b>Vegetables:</b>	<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>	<i>Cars</i>	<i>Cars</i>
Beans (snap, lima, and fava)...	3	429	432	136	1,352	1,488	23	554	557	.....	317	317
Cabbage .....	150	1,278	1,428	460	3,312	3,772	208	2,029	2,237	32	1,317	1,349
Cantaloups .....	948	19	967	3,816	247	4,063	1,113	95	1,209	445	161	606
Carrots .....	549	185	734	1,142	337	1,479	487	192	679	162	96	258
Cauliflower .....	126	91	217	247	526	773	165	135	300	46	37	83
Celery .....	945	413	1,358	2,056	981	3,037	1,167	398	1,565	338	254	602
Cucumbers .....	46	953	999	440	2,316	2,756	67	712	779	9	325	334
Lettuce-romaine .....	2,619	495	3,114	6,421	1,768	8,189	2,661	797	3,458	1,207	372	1,579
Mixed vegetables .....	458	.....	458	1,470	.....	1,470	763	.....	763	332	.....	332
Onions .....	933	658	1,591	2,188	2,191	4,379	1,354	1,457	2,811	403	552	955
Peas, green .....	27	13	40	112	22	134	57	16	73	22	7	29
Potatoes .....	2,771	4,514	7,285	9,345	5,910	15,256	2,112	4,570	6,682	761	2,906	3,667
Watermelons .....	349	642	991	1,262	1,682	2,944	412	919	1,331	90	919	1,009
Miscellaneous .....	2,021	5,063	7,084	10,012	13,028	23,640	2,109	5,920	8,029	546	2,724	3,270
<b>Total .....</b>	<b>11,945</b>	<b>14,753</b>	<b>26,698</b>	<b>39,108</b>	<b>34,272</b>	<b>73,380</b>	<b>12,698</b>	<b>17,775</b>	<b>30,473</b>	<b>4,393</b>	<b>9,997</b>	<b>14,390</b>

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>3</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
<b>Vegetables:</b>	<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>	<i>Cars</i>	<i>Cars</i>
Beans (snap, lima, and fava)...	1	740	741	16	460	476	.....	688	688	.....	310	310
Cabbage .....	1	1,699	1,700	679	1,496	2,175	.....	2,113	2,113	.....	869	869
Cantaloups .....	192	459	651	1,297	147	1,444	51	2,392	2,443	35	1,122	1,157
Carrots .....	52	213	265	608	263	871	.....	2,807	2,807	.....	857	857
Cauliflower .....	.....	29	29	205	88	293	.....	986	986	.....	482	482
Celery .....	8	277	285	1,101	366	1,467	1	2,890	2,891	.....	1,065	1,065
Cucumbers .....	.....	181	181	206	849	1,055	40	1,405	1,445	1	370	371
Lettuce-romaine .....	297	1,098	1,395	4,924	704	5,628	.....	7,887	7,887	.....	4,196	4,196
Mixed vegetables .....	16	.....	16	1,955	.....	1,955	3	.....	3	.....	48	48
Onions .....	260	849	1,109	2,014	559	2,573	253	4,131	4,384	64	1,522	1,586
Peas, green .....	.....	9	9	24	10	34	8	79	87	.....	45	45
Potatoes .....	1,210	3,854	5,064	9,435	1,479	10,914	4,147	9,345	13,492	702	5,923	6,625
Watermelons .....	.....	1,633	1,633	470	1,209	1,679	22	3,297	3,319	.....	1,094	1,094
Miscellaneous .....	93	4,338	4,431	2,537	5,728	8,265	662	16,879	17,541	130	7,791	7,921
<b>Total .....</b>	<b>2,130</b>	<b>15,379</b>	<b>17,509</b>	<b>25,471</b>	<b>13,358</b>	<b>38,829</b>	<b>5,187</b>	<b>54,899</b>	<b>60,086</b>	<b>932</b>	<b>25,694</b>	<b>26,626</b>

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1969 are as follows: Chicago, 85%; Atlanta, Baltimore, Los Angeles, New York, Philadelphia, 90%; Boston, 90-95%; San Francisco, 95%.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Oakland.

Consumer and Marketing Service.

Table 288.—Vegetables: Total unloads at 8 markets, 1960–69

Year	Boston			New York <sup>2</sup>			Philadelphia			Baltimore		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1960	17,778	14,257	32,035	48,896	50,770	99,666	14,350	22,126	36,476	6,289	11,985	18,274
1961	16,317	14,819	31,136	44,427	49,310	93,737	14,048	21,790	35,838	6,080	12,304	18,384
1962	15,966	15,754	31,720	44,663	48,616	93,279	13,678	21,772	35,450	5,919	12,077	17,996
1963	15,817	14,914	30,731	44,225	49,168	93,393	16,572	22,782	39,354	5,873	12,356	18,229
1964	15,019	15,191	30,210	45,178	48,884	94,062	15,290	22,050	37,340	5,381	11,740	17,121
1965	13,821	14,723	28,544	41,504	49,182	90,686	13,617	20,602	34,219	5,064	11,927	16,991
1966	13,344	12,580	25,924	41,383	39,172	80,555	13,071	18,812	31,883	5,102	10,059	15,161
1967	12,653	12,441	25,094	43,896	38,864	82,260	12,673	19,497	32,170	4,653	10,542	15,195
1968	10,668	13,162	23,830	36,952	36,228	73,180	12,295	18,786	31,081	4,334	9,933	14,327
1969	11,945	14,753	26,698	39,108	34,272	73,380	12,698	17,775	30,473	4,393	9,997	14,390

  

Year	Atlanta			Chicago			Los Angeles			San Francisco <sup>3</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1960	2,342	16,248	18,590	30,846	18,129	48,975	6,202	76,802	83,004	1,705	28,536	30,241
1961	2,053	16,288	18,341	28,504	19,288	47,792	6,006	73,766	79,772	1,790	28,368	30,158
1962	2,165	16,449	18,614	26,795	19,859	46,654	7,092	70,742	77,834	2,176	27,784	29,960
1963	1,889	16,906	18,795	26,694	19,032	45,726	6,107	72,874	78,981	1,670	30,316	31,986
1964	1,687	16,557	18,244	24,374	19,059	43,433	5,878	69,861	75,739	1,742	30,970	32,712
1965	1,528	16,649	18,177	23,706	18,439	42,145	4,625	69,965	74,590	1,331	29,642	30,973
1966	2,039	14,065	16,104	25,280	15,277	40,557	4,816	58,177	62,993	1,196	24,820	26,016
1967	2,013	14,491	16,504	24,277	14,568	38,845	5,187	58,544	63,731	1,087	26,177	27,264
1968	2,073	15,101	17,174	23,683	15,021	38,704	4,967	56,309	61,276	845	26,564	27,400
1969	2,130	15,379	17,509	25,471	13,358	38,829	5,187	54,899	60,086	932	25,694	26,626

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1969 are as follows: Chicago, 85%; Atlanta, Baltimore, Los Angeles, New York, Philadelphia, 90%; Boston, 90-95%; San Francisco, 95%.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Oakland.

Consumer and Marketing Service. Data for total unloads for 1955-59 in *Agricultural Statistics, 1967*, table 289.

## FOOTNOTES FOR TABLE 290

<sup>1</sup> Fresh vegetable consumption computed from total commercial production for fresh market, including greenhouse production. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Census Bureau. All data for calendar year, except dry field peas which are on a crop-year basis.

<sup>2</sup> Less than 0.05 pound.

<sup>3</sup> Preliminary.

<sup>4</sup> Beginning 1969, included in minor vegetables.

<sup>5</sup> Includes 0.1 pound of shallots each year through 1958; 1959 through 1968, less than 0.05 pound. Beginning 1969, included in minor vegetables.

<sup>6</sup> Includes table stock and processed.

Economic Research Service. Data for 1924-53 in *Agricultural Statistics, 1967*, table 291.



Table 289.—Vegetables, fresh: Carlot rail and boat shipments of specified kinds, United States, 1960-69<sup>1</sup>

Year	Asparagus	Beans, snap and lima	Beets <sup>2</sup>	Broccoli	Cabbage	Carrots	Cauliflower	Celery	Corn, green
1960.....	<i>Cars</i> 1,364	<i>Cars</i> 1,470	<i>Cars</i> 52	<i>Cars</i> 1,391	<i>Cars</i> 7,263	<i>Cars</i> 10,681	<i>Cars</i> 2,161	<i>Cars</i> 19,557	<i>Cars</i> 5,323
1961.....	1,040	1,174	39	1,692	5,342	9,800	2,231	16,458	4,453
1962.....	849	927	36	1,380	5,085	10,029	1,805	14,233	5,512
1963.....	781	675	.....	1,467	5,453	11,119	1,564	14,395	5,315
1964.....	608	594	.....	1,617	4,900	9,218	1,842	13,081	4,168
1965.....	732	434	.....	1,143	4,597	8,529	1,229	12,920	4,832
1966.....	502	511	.....	1,360	4,979	8,240	1,403	14,242	5,272
1967.....	516	429	.....	1,779	4,910	7,184	1,430	12,952	4,953
1968.....	515	274	.....	2,194	4,711	6,881	1,346	13,944	3,423
1969.....	386	239	.....	1,677	4,808	7,053	1,574	12,262	4,098

  

Year	Cucumbers	Escarole	Greens (except spinach)	Lettuce	Muskmelons		Onions	Peas, green	Peppers
					Cantaloups	Other <sup>3</sup>			
1960.....	<i>Cars</i> 1,117	<i>Cars</i> 914	<i>Cars</i> 1,957	<i>Cars</i> 61,538	<i>Cars</i> 17,044	<i>Cars</i> 5,154	<i>Cars</i> 14,070	<i>Cars</i> 609	<i>Cars</i> 2,719
1961.....	987	575	831	59,367	17,187	4,816	13,327	597	2,979
1962.....	751	623	619	54,935	17,563	4,397	12,630	533	2,590
1963.....	1,010	457	667	52,568	17,723	4,366	13,914	433	3,188
1964.....	1,105	574	950	51,117	15,980	3,979	14,165	380	2,492
1965.....	998	574	497	46,892	13,578	4,303	15,023	331	2,363
1966.....	857	708	589	49,008	13,446	3,296	15,457	171	2,351
1967.....	1,276	543	524	46,236	15,375	4,355	17,992	179	1,973
1968.....	541	269	783	49,907	16,990	3,791	16,435	113	2,360
1969.....	645	304	615	48,558	17,444	4,099	17,856	85	1,742

  

Year	Potatoes	Spinach	Sweet-potatoes	Tomatoes	Turnips and rutabagas <sup>2</sup>	Watermelons	Mixed vegetables	Total
1960.....	<i>Cars</i> 148,807	<i>Cars</i> 1,790	<i>Cars</i> 100	<i>Cars</i> 11,656	<i>Cars</i> 19	<i>Cars</i> 7,139	<i>Cars</i> 22,823	<i>Cars</i> 345,818
1961.....	141,046	1,497	58	13,892	19	5,642	22,450	327,499
1962.....	141,163	1,412	79	13,652	26	5,562	19,276	315,667
1963.....	141,967	1,350	98	12,069	.....	6,466	19,001	316,046
1964.....	138,376	1,332	31	11,481	.....	3,630	18,601	300,201
1965.....	125,988	1,029	80	11,464	.....	4,100	18,133	279,871
1966.....	134,436	961	65	11,984	.....	6,047	17,299	293,214
1967.....	123,974	918	58	10,637	.....	7,203	14,940	280,336
1968.....	115,102	899	44	11,057	.....	5,532	14,556	271,667
1969.....	113,072	985	22	11,530	.....	5,079	14,615	268,748

<sup>1</sup> 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.

<sup>2</sup> Beginning 1963, reports of rail shipments for beets, turnips, and rutabagas discontinued.

<sup>3</sup> Includes casaba, honeydew, persian, and mixed melons. Cars of mixed melons may include cantaloups as well as other muskmelons.

Consumer and Marketing Service. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 290.

Table 290.—Vegetables (fresh), melons, potatoes, sweetpotatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm weight basis), United States, 1954-69<sup>1</sup>

Year	Toma- toes	Leafy, green, and yellow vegetables										Green peas (un- shelled)
		Arti- chokes	Aspara- gus	Lima beans (un- shelled)	Snap beans	Brocc- oli	Brus- sels sprouts	Cab- bage	Car- rots	Kale	Lettuce and escarole	
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954.....	12.9	0.2	0.7	0.4	3.3	0.6	0.1	12.5	7.7	0.2	19.6	0.4
1955.....	13.4	.2	.7	.3	3.3	.5	.1	11.1	7.5	.2	20.6	.4
1956.....	12.3	.2	.7	.3	2.8	.5	.1	11.8	7.8	.2	21.6	.3
1957.....	12.6	.2	.8	.3	2.9	.5	.1	10.9	7.4	.2	20.8	.3
1958.....	11.9	.2	.8	.3	2.6	.4	.1	10.8	7.3	.2	20.1	.3
1959.....	12.8	.2	.7	.3	2.5	.4	.1	10.2	7.1	.2	19.9	.3
1960.....	12.6	.2	.7	.4	2.6	.4	.1	10.4	7.3	.1	20.0	.3
1961.....	12.6	.3	.6	.3	2.5	.4	.1	9.8	6.8	.2	20.3	.3
1962.....	12.7	.2	.6	.3	2.3	.3	.1	9.9	7.0	.1	20.5	.3
1963.....	12.0	.2	.6	.3	2.2	.4	.1	9.8	7.3	.1	21.3	.3
1964.....	12.1	.3	.5	.3	2.1	.3	.1	9.6	6.9	.1	21.0	.3
1965.....	12.1	.3	.6	.3	2.0	.3	.1	9.0	7.0	.1	21.6	.3
1966.....	12.4	.3	.4	.3	1.9	.3	(2)	9.1	6.5	.1	21.5	.2
1967.....	12.4	.4	.4	.2	2.0	.3	.1	9.2	6.6	.1	21.8	.2
1968.....	12.0	.3	.5	.2	1.8	.4	(2)	9.3	7.2	.1	22.2	.2
1969 <sup>3</sup> .....	12.1	.3	.4	.2	1.8	.3	(2)	9.0	6.8	(4)	22.2	(4)

  

Year	Leafy, green, and yellow vegetables—Continued				Other vegetables							
	Pep- pers	Spin- ach	Minor	Total	Beets	Cauli- flower	Celery	Corn	Cu- cum- bers	Egg- plant	Garlic	Onions and shallots <sup>5</sup>
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954.....	2.1	1.1	5.1	54.0	0.8	1.3	8.6	8.5	2.8	0.4	0.3	11.1
1955.....	2.2	1.0	3.6	51.7	.8	1.4	8.8	8.2	2.9	.4	.3	10.9
1956.....	2.1	1.1	5.0	54.5	.8	1.5	8.6	7.9	2.8	.4	.3	11.4
1957.....	2.3	1.0	5.5	53.2	.8	1.5	8.4	7.7	3.1	.4	.3	11.8
1958.....	2.1	1.1	5.4	51.7	.7	1.4	7.8	8.4	2.8	.4	.3	11.7
1959.....	2.3	1.0	4.6	49.8	.7	1.1	7.9	8.8	2.6	.4	.3	11.5
1960.....	2.4	.9	5.9	51.7	.7	1.3	8.0	8.5	2.9	.4	.4	12.3
1961.....	2.5	.8	6.2	51.1	.6	1.1	7.7	8.4	3.0	.4	.3	11.5
1962.....	2.3	.7	5.3	49.9	.6	1.2	7.2	8.3	2.7	.4	.2	11.7
1963.....	2.5	.7	5.1	50.9	.5	1.1	6.9	8.1	3.1	.4	.3	11.9
1964.....	2.3	.6	4.8	49.2	.5	1.0	6.8	7.7	3.0	.5	.4	11.4
1965.....	2.3	.7	4.6	49.2	.5	1.0	6.7	8.0	3.1	.4	.4	11.4
1966.....	2.4	.6	3.9	47.5	.4	1.0	6.8	7.3	2.9	.4	.3	11.5
1967.....	2.6	.6	3.6	48.1	.4	.9	6.7	7.9	3.1	.4	.4	12.1
1968.....	2.7	.5	3.9	49.3	.4	1.0	7.0	7.4	3.0	.4	.4	12.1
1969 <sup>3</sup> .....	2.6	.4	4.3	48.1	(4)	.9	7.1	7.4	3.4	.5	.5	12.3

  

Year	Other vegeta- bles—Continued		Total vegeta- bles	Melons			Total vege- tables and melons	Pota- toes (6)	Sweet- pota- toes	Dry edible beans	Dry field peas
	Minor	Total		Water- melons	Canta- loupes	Total melons					
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954.....	6.5	40.3	107.2	19.3	9.7	29.0	136.2	107	8.8	8.0	0.6
1955.....	6.4	40.1	105.2	20.2	9.4	29.6	134.8	109	9.3	7.5	.5
1956.....	6.5	40.2	107.0	18.4	9.0	27.4	134.4	103	8.7	8.0	.7
1957.....	6.7	40.6	106.4	16.6	7.8	24.4	130.8	109	8.5	7.6	.6
1958.....	6.6	40.1	103.7	18.2	8.2	26.4	130.1	105	7.8	7.7	.4
1959.....	6.4	39.7	102.3	15.9	8.6	24.5	126.8	107	8.7	7.7	.8
1960.....	7.0	41.5	105.8	17.2	8.6	25.8	131.6	108	7.1	7.3	.6
1961.....	7.0	40.0	103.7	16.3	8.5	24.8	128.5	109	6.5	7.9	.3
1962.....	6.4	38.7	101.3	14.6	8.5	23.1	124.4	107	6.7	7.6	.8
1963.....	6.0	38.3	101.2	15.8	8.7	24.5	125.7	111	6.9	7.5	.7
1964.....	5.9	37.2	98.5	14.8	8.2	23.0	121.5	111	5.5	7.6	.6
1965.....	5.6	37.1	98.4	15.7	7.9	23.6	122.0	108	6.2	6.6	.6
1966.....	5.3	35.9	95.8	14.6	7.3	21.9	117.7	113	6.3	6.3	.2
1967.....	5.4	37.3	97.8	14.2	8.1	22.3	120.1	111	5.8	6.9	.1
1968.....	5.2	37.0	98.3	14.0	8.3	22.3	120.6	116	5.7	6.3	.1
1969 <sup>3</sup> .....	5.3	37.4	97.6	13.6	8.8	22.4	120.0	116	5.8	6.7	.3

See footnotes on page 198.

Table 291.—Vegetables, canned: United States pack of selected items, 1960–69

Season	Asparagus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles <sup>1</sup>	Pimientos
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1960	7,971	3,754	33,154	8,785	5,530	35,276	28,714	33,740	904
1961	8,357	4,250	40,163	10,981	3,514	46,167	32,399	42,242	1,198
1962	9,053	3,615	36,866	12,051	5,140	45,744	33,725	42,641	291
1963	9,263	3,089	37,667	13,114	5,223	44,152	33,588	50,915	392
1964	8,217	2,213	37,359	10,311	4,611	37,551	30,045	47,688	686
1965	7,208	2,981	45,027	10,069	4,753	39,116	37,585	49,455	827
1966	7,896	3,531	40,536	11,584	5,838	45,525	31,856	59,802	675
1967	6,638	3,963	53,173	12,409	7,342	49,268	37,692	66,712	761
1968	6,925	3,818	51,842	14,323	4,726	59,278	36,231	62,120	848
1969 <sup>3</sup>		3,596	47,456	11,562	5,490	49,387	32,071	56,890	876

  

Season	Pumpkin and squash	Sauerkraut <sup>1</sup>	Spinach	Tomatoes	Tomato catsup and chili sauce	Tomato juice <sup>4</sup>	Tomato pulp and puree	Tomato paste and sauce	Total of these items
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1960	4,973	12,963	7,797	30,991	29,996	40,282	5,393	25,788	316,011
1961	4,339	12,424	7,708	34,034	29,656	38,545	6,957		322,934
1962	4,807	11,916	7,266	35,541	38,663	48,993	8,137		344,449
1963	4,015	10,889	8,031	33,041	29,790	42,114	5,422		330,705
1964	3,799	8,794	7,641	36,431	34,018	43,067	5,929		318,360
1965	3,854	12,901	6,395	36,015	35,629	40,047	6,484		338,946
1966	4,553	9,696	6,954	32,662	37,448	38,907	7,349		344,812
1967	4,592	14,747	7,409	39,127	39,427	42,815	8,775		394,850
1968	4,551	12,517	7,990						265,169
1969 <sup>3</sup>	5,244	12,039							224,611

<sup>1</sup> Total crop for processing converted to a canned basis by applying factors (cases of 24 No. 303 cans per ton, farm weight): Cucumbers for pickles, 83 cases for 1954, 112 cases for 1964, and interim years interpolated; cabbage for kraut, 65.9 cases for 1954, 54.0 cases for 1964, and interim years interpolated.

<sup>2</sup> Equivalent cases of 24 No. 303 cans.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes combination vegetable juices containing at least 70 percent tomato juice.

Economic Research Service. Compiled mainly from reports of the National Cannery Association. Data for 1954-59 in *Agricultural Statistics, 1968*, table 290.

Table 292.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1954-69<sup>1</sup>

Year	Leafy, green, and yellow vegetables							Tomato products		
	Asparagus	Lima beans	Snap beans	Carrots	Peas	Pumpkin and squash	Spinach	Whole tomatoes	Catsup and chili sauce	Paste and sauce
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954	0.8	0.5	3.6	0.4	4.9	0.7	0.7	4.6	2.8	2.7
1955	.7	.5	4.0	.4	4.8	.7	.9	4.5	3.0	3.3
1956	.8	.5	4.1	.4	4.9	.7	1.0	4.6	3.1	3.3
1957	.8	.5	3.9	.4	4.8	.7	.9	4.6	3.3	3.2
1958	.8	.4	4.2	.5	4.7	.6	1.0	4.6	3.5	3.4
1959	.8	.4	4.2	.5	4.9	.6	1.0	4.6	3.6	3.5
1960	.7	.4	4.2	.6	4.4	.7	.9	4.6	3.8	3.8
1961	.8	.4	4.3	.5	4.4	.6	.8	4.8	3.9	3.7
1962	.8	.4	4.5	.6	4.1	.6	1.0	4.6	4.1	3.9
1963	.7	.4	4.4	.6	4.1	.5	.9	4.6	4.3	3.9
1964	.7	.4	4.8	.6	4.1	.6	.8	4.4	4.6	3.9
1965	.8	.3	4.8	.6	4.1	.5	.8	4.4	5.0	3.9
1966	.7	.2	5.1	.7	4.2	.5	.7	4.5	4.8	4.2
1967	.7	.4	5.1	.7	4.1	.5	.7	4.6	4.7	5.0
1968	.7	.3	5.5	.6	4.2	.6	.8	4.6	4.8	4.7
1969 <sup>2</sup>	.7	.4	5.7	.6	4.1	.5	.8	4.6	4.9	5.0

Year	Tomato products		Other vegetables				Sweet-potatoes	Other <sup>4</sup>	Total
	Pulp and puree	Tomato and vegetable juices <sup>3</sup>	Beets	Corn	Pickles	Sauerkraut			
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954	0.5	5.1	1.4	5.2	3.9	2.0	0.6	1.5	41.9
1955	.7	4.8	1.3	5.3	3.9	1.9	.8	1.9	43.4
1956	.9	4.6	1.5	5.3	3.9	1.9	.8	1.6	43.9
1957	.7	5.3	1.4	5.4	4.2	1.5	.8	1.7	44.1
1958	.7	4.7	1.4	5.4	4.6	1.7	1.1	1.7	45.0
1959	.7	5.1	1.4	5.1	4.6	1.5	1.2	1.5	45.2
1960	.7	4.7	1.3	5.3	4.5	1.5	.9	1.7	44.7
1961	.8	4.6	1.3	4.9	4.9	1.5	1.0	1.8	45.0
1962	.8	4.7	1.4	5.5	5.6	1.4	1.3	1.5	46.8
1963	.8	5.4	1.5	5.6	5.7	1.4	1.1	1.5	47.4
1964	.8	4.5	1.4	5.6	6.2	1.2	1.0	1.5	47.1
1965	.8	4.7	1.4	5.5	6.2	1.4	1.3	2.1	48.6
1966	1.0	4.4	1.4	5.2	6.8	1.4	1.1	2.1	49.0
1967	1.0	4.2	1.4	5.4	7.2	1.4	1.1	2.2	50.4
1968	1.0	4.5	1.3	5.7	7.6	1.6	1.3	2.2	52.0
1969 <sup>2</sup>	1.0	4.5	1.5	6.1	7.5	1.5	1.3	2.2	52.9

<sup>1</sup> Excludes soups and baby food.<sup>2</sup> Preliminary.<sup>3</sup> Based on information available for 1944-46, tomato juice comprises approximately 85 percent of the total, combination vegetable juices 13 percent, and other vegetable juices 2 percent. Combination vegetable juice contains approximately 70 percent or more tomato juice.<sup>4</sup> Includes miscellaneous greens, pimientos, potatoes, mixed vegetables, and all items for which no separate data are available.Economic Research Service. Data for 1919-53 in *Agricultural Statistics, 1967*, table 293.

Table 293.—Vegetables, frozen: Commercial pack, United States, 1960-69

Commodity	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
	<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>
Asparagus.....	40,026	34,157	30,810	30,315	31,054	30,867	34,532	32,460	34,355	23,033
Beans, butter <sup>1</sup> .....		14,448	13,885	8,538	11,548	18,515	15,061	18,223	10,078	7,847
Beans, green, regular cut.....	86,859	96,335	90,929	90,970	108,614	112,476	136,357	147,552	138,506	117,800
Beans, green, French cut.....	61,893	69,961	60,073	63,649	60,680	61,716	77,748	70,219	65,504	61,953
Beans, green, wax.....	10,937	9,531	6,256	5,018	6,044	7,751	6,944	7,113	6,533	5,415
Beans, green, Italian <sup>1</sup> .....		9,695	15,281	8,860	7,620	4,560	6,918	6,345	7,073	7,618
Beans, whole <sup>1</sup> .....		3,960	3,366	1,701	4,500	3,026	3,809	7,077	3,900	5,013
Bean, baby lima.....	79,535	89,883	81,592	61,707	60,823	81,425	89,693	85,687	84,579	82,562
Beans, lima, Fordhook.....	68,022	70,053	68,991	56,000	55,665	64,102	62,224	75,578	80,958	60,013
Broccoli.....	128,210	121,636	111,450	135,334	129,817	122,310	158,586	166,731	172,959	153,784
Brussels sprouts.....	39,261	40,057	40,334	42,272	47,476	37,339	51,698	39,479	49,024	40,083
Carrots.....	72,100	60,271	79,422	69,772	63,947	109,538	131,127	133,337	162,282	150,945
Cauliflower.....	48,742	41,117	37,805	40,677	43,596	46,211	53,985	50,971	67,566	69,744
Celery <sup>2</sup> .....					1,216	2,528	4,938	3,745	2,246	3,415
Collards <sup>1</sup> .....		10,841	7,589	8,848	9,002	12,301	12,277	13,795	17,897	18,408
Corn, cut.....	130,460	168,960	163,456	168,156	159,846	222,185	300,165	316,100	334,549	289,268
Corn-on-cob.....	11,360	12,000	16,873	11,748	27,577	40,337	44,241	43,973	76,353	73,914
Kale.....	4,547	5,583	3,565	4,789	4,013	4,322	4,623	5,459	4,721	4,762
Mixed vegetables <sup>3</sup> .....	46,095	54,691	62,328	50,950	48,179					
Mustard greens <sup>1</sup> .....		5,406	6,742	6,113	8,287	7,860	8,428	10,520	11,914	10,351
Okra.....	17,954	24,754	23,084	21,144	35,451	30,365	38,327	47,465	30,485	38,250
Onions <sup>2</sup> .....					7,297	15,794	18,572	23,973	34,621	37,881
Peas, blackeye.....	16,678	18,683	18,380	15,639	23,452	26,037	29,780	44,236	25,579	20,647
Peas, green.....	295,227	346,069	356,856	344,784	336,931	443,289	375,360	424,246	429,352	367,323
Peas and carrots <sup>3</sup> .....	27,883	31,757	23,609	16,158	21,860					
Potato products.....	551,392	579,162	761,608	861,537	1,117,883	1,218,529	1,459,633	1,490,809	1,736,055	2,048,408
Pumpkin and cooked squash.....	23,447	15,894	12,101	12,190	11,243	17,390	19,697	23,298	24,672	26,091
Rhubarb.....	7,165	6,630	6,327	5,520	5,758	5,801	6,690	6,846	6,176	7,599
Spinach.....	118,595	116,504	97,291	119,768	126,957	122,264	142,931	153,228	153,960	107,182
Summer squash <sup>1</sup> .....		5,926	8,022	8,881	6,316	10,987	11,990	10,467	12,832	17,318
Succotash <sup>3</sup> .....	7,385	9,156	6,722	4,956	4,254					
Sweetpotatoes and yams <sup>1</sup> .....		8,027	9,934	7,986	12,333	9,353	10,506	6,153	9,564	12,854
Turnip greens.....	17,150	15,638	18,743	14,232	20,575	20,971	20,442	25,123	20,622	19,873
Turnip greens with turnips <sup>2</sup> .....					1,751	1,295	6,651	6,722	13,347	10,520
Miscellaneous vegetables.....	47,698	19,256	20,692	24,164	17,455	21,664	20,453	10,695	29,573	15,357
Total.....	1,958,621	2,116,041	2,264,116	2,322,376	2,639,200	2,933,108	3,364,386	3,507,625	3,857,840	3,915,231

See footnotes on page 204.

Table 294.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1969

Commodity	East and South <sup>1</sup>	Mid-west <sup>2</sup>	West <sup>3</sup>	Total	Commodity	East and South <sup>1</sup>	Mid-west <sup>2</sup>	West <sup>3</sup>	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>
Asparagus.....	<sup>(4)</sup> 2,885		20,148	23,033	Kale.....	<sup>5</sup> 4,762			4,762
Beans, butter.....	1,295		6,552	7,847	Mustard greens.....	<sup>6</sup> 10,351			10,351
Beans, green, regular cut.....	44,400	8,931	64,469	117,800	Okra.....	38,250			38,250
Beans, green, French cut.....	<sup>4</sup> 27,624		34,329	61,953	Onions.....	<sup>8</sup> 37,881			37,881
Beans, green, Italian.....	<sup>5</sup> 5,415			5,415	Peas, blackeye.....	20,647			20,647
Beans, whole.....			<sup>4</sup> 7,618	7,618	Peas, green.....	54,308	43,119		269,896
Beans, baby lima.....	27,751	7,059	47,752	82,562	Potato products.....	<sup>6</sup> 528,661		1,519,747	2,048,408
Beans, lima, Fordhook.....			<sup>4</sup> 60,013	60,013	Pumpkin and cooked squash.....	<sup>6</sup> 12,036		14,055	26,091
Broccoli.....			<sup>4</sup> 153,784	153,784	Rhubarb.....	<sup>6</sup> 1,621		5,978	7,599
Brussels sprouts.....			<sup>5</sup> 40,083	40,083	Spinach.....	26,202		80,980	107,182
Carrots.....	<sup>6</sup> 32,688		118,257	150,945	Squash, summer.....	<sup>7</sup> 17,318			17,318
Cauliflower.....	<sup>5</sup> 14,190		55,554	69,744	Sweetpotatoes and yams.....	12,854			12,854
Celery.....			<sup>7</sup> 3,415	3,415	Turnip greens.....	<sup>5</sup> 19,873			19,873
Collards.....	<sup>5</sup> 18,408			18,408	Turnip greens with turnips.....	10,520			10,520
Corn, cut.....	24,514	72,601	192,153	289,268	Miscellaneous vegetables.....	<sup>9</sup> 3,117	<sup>9</sup> 1,336	<sup>9</sup> 10,904	15,357
Corn-on-cob.....	<sup>6</sup> 22,694		51,220	73,914	Total.....	1,020,265	133,046	2,761,920	3,915,231

See footnotes on page 204.

Table 295.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1954-69

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Peas	Peas and carrots <sup>1</sup>	Pumpkin and squash	Broccoli
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954	0.17	0.64	0.66	0.17	1.40	0.11	0.09	0.47
1955	.16	.66	.72	.21	1.34	.10	.09	.54
1956	.17	.72	.75	.15	1.50	.08	.10	.54
1957	.16	.73	.73	.26	1.58	.12	.12	.50
1958	.15	.79	.72	.26	1.64	.11	.09	.56
1959	.21	.80	.69	.27	1.61	.14	.10	.59
1960	.21	.76	.73	.35	1.75	.....	.11	.63
1961	.16	.72	.67	.33	1.64	.....	.11	.59
1962	.18	.81	.71	.39	1.83	.....	.07	.62
1963	.16	.87	.70	.34	1.78	.....	.05	.59
1964	.17	.84	.72	.42	1.81	.....	.07	.66
1965	.15	.91	.69	.51	1.98	.....	.07	.68
1966	.16	1.05	.70	.55	2.05	.....	.10	.71
1967	.17	.90	.73	.65	1.87	.....	.10	.77
1968	.16	1.00	.74	.72	2.07	.....	.12	.78
1969 <sup>2</sup>	.15	.96	.63	.72	1.78	.....	.13	.83

Year	Leafy, green, and yellow vegetables—Continued			Other vegetables			Rhubarb	Potato products	Total
	Brussels sprouts	Spinach	Other <sup>3</sup>	Cauliflower	Corn, cut basis	Succotash <sup>1</sup>			
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954	0.16	0.51	0.36	0.17	0.43	0.07	0.05	0.44	5.90
1955	.17	.57	.54	.19	.51	.06	.04	.74	6.64
1956	.20	.56	.39	.19	.66	.03	.02	1.20	7.26
1957	.19	.53	.51	.15	.59	.07	.04	1.21	7.49
1958	.17	.55	.64	.17	.69	.06	.03	1.44	8.07
1959	.20	.62	.67	.20	.68	.05	.03	2.04	8.88
1960	.19	.55	.84	.19	.64	.....	.03	2.68	9.66
1961	.19	.57	1.03	.19	.70	.....	.04	2.80	9.74
1962	.20	.56	.97	.22	.85	.....	.03	3.82	11.26
1963	.20	.57	.80	.19	.88	.....	.03	4.43	11.59
1964	.22	.62	.88	.20	.96	.....	.03	5.85	13.45
1965	.22	.62	.88	.20	1.13	.....	.03	5.71	13.78
1966	.20	.68	1.07	.25	1.25	.....	.03	6.92	15.72
1967	.19	.70	1.07	.25	1.60	.....	.03	7.57	16.60
1968	.18	.70	1.24	.26	1.58	.....	.04	8.51	18.10
1969 <sup>2</sup>	.23	.67	1.21	.29	1.44	.....	.04	9.81	18.89

<sup>1</sup> Included with "Other," beginning 1960.

<sup>2</sup> Preliminary.

<sup>3</sup> Included with leafy, green, and yellow vegetables because most items are considered to be greens.

Economic Research Service. Data for 1937-53 in *Agricultural Statistics, 1967*, table 296.

## FOOTNOTES FOR TABLE 293

<sup>1</sup> Included in "Miscellaneous vegetables" prior to 1961.

<sup>2</sup> Included in "Miscellaneous vegetables" prior to 1964.

<sup>3</sup> Beginning 1965, reported by components which represent first freezing.

Economic Research Service. Data from American Frozen Food Institute.

## FOOTNOTES FOR TABLE 294

<sup>1</sup> Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia.

<sup>2</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, and Wisconsin.

<sup>3</sup> California, Colorado, Idaho, Montana, Oregon, Utah, Washington, and Wyoming.

<sup>4</sup> Includes small packs in other regions.

<sup>5</sup> East, South, and West.

<sup>6</sup> East, South, and Midwest.

<sup>7</sup> South and West.

<sup>8</sup> East, South, Midwest, and West.

<sup>9</sup> Regional packs not reported; allocated on basis of aggregate packs of other items.

Economic Research Service. Data from American Frozen Food Institute.

VEGETABLE CONSUMPTION; FROZEN VEGETABLE STOCKS 205

Table 296.—Commercially produced vegetables: Civilian per capita consumption, United States, 1954-69

Year	Fresh equivalent					As percentage of annual total			
	Total fresh and processed	Fresh <sup>1</sup>	Processed <sup>2</sup>			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1954	196.2	107.2	89.0	76.8	12.2	54.6	45.4	39.2	6.2
1955	198.5	105.2	93.3	80.2	13.1	53.0	47.0	40.4	6.6
1956	201.5	107.0	94.5	80.9	13.6	53.1	46.9	40.1	6.8
1957	201.0	106.4	94.6	80.6	14.0	52.9	47.1	40.1	7.0
1958	199.9	103.7	96.2	81.5	14.7	51.9	48.1	40.8	7.3
1959	198.4	102.3	96.1	81.2	14.9	51.6	48.4	40.9	7.5
1960	202.4	105.8	96.6	81.7	14.9	52.3	47.7	40.4	7.3
1961	199.8	103.7	96.1	81.3	14.8	51.9	48.1	40.7	7.4
1962	200.9	101.3	99.6	83.6	16.0	50.4	49.6	41.6	8.0
1963	201.4	101.2	100.2	84.8	15.4	50.2	49.8	42.1	7.7
1964	198.2	98.5	99.7	83.5	16.2	49.7	50.3	42.1	8.2
1965	200.9	98.4	102.5	85.1	17.4	49.0	51.0	42.4	8.6
1966	201.3	95.8	105.5	86.6	18.9	47.6	52.4	43.0	9.4
1967	208.7	97.8	110.9	91.0	19.9	46.9	53.1	43.6	9.5
1968	212.0	98.3	113.7	92.7	21.0	46.4	53.6	43.7	9.9
1969 <sup>3</sup>	211.7	97.6	114.1	94.6	19.5	46.1	53.9	44.7	9.2

<sup>1</sup> See table 290 for items included. Excludes melons.

<sup>2</sup> See tables 292 and 295 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.

<sup>3</sup> Preliminary.

Economic Research Service. Data for 1937-53 in *Agricultural Statistics, 1967*, table 297.

Table 297.—Frozen vegetables: Cold-storage carryover stocks, United States, 1960-69

Year	Asparagus (May 1)	Lima beans (Aug. 1)	Snap beans (July 1)	Broccoli (Sept. 1)	Brussels sprouts (Sept. 1)	Cauliflower (Sept. 1)	Sweet corn (Aug. 1)	Green peas (June 1)	Spinach (Mar. 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>
1960	12,804	18,751	27,135	25,266	6,392	9,875	18,355	77,756	28,149
1961	15,337	33,772	38,397	41,169	10,538	18,789	29,498	74,589	37,312
1962	17,644	54,792	62,011	24,674	11,301	12,946	49,806	86,350	38,912
1963	15,514	71,543	44,803	37,826	9,920	9,268	50,490	98,934	25,556
1964	11,786	46,987	50,778	44,046	10,903	13,825	39,547	100,694	35,147
1965	10,752	24,856	52,112	29,468	10,217	9,778	21,433	97,526	38,222
1966	14,960	24,705	49,827	33,771	12,375	15,341	30,065	113,526	30,354
1967	11,940	31,570	48,234	50,068	17,345	13,281	46,058	100,529	34,676
1968	18,870	50,735	78,654	69,896	17,387	15,648	67,711	124,341	42,732
1969	15,184	66,259	90,127	35,837	14,705	25,503	110,603	147,012	41,757

Statistical Reporting Service. Data for 1939-59 in *Agricultural Statistics, 1967*, table 298.

Table 298.—Vegetables, canned: Canners' and distributors' stocks, beginning of season, United States, 1967-69

Commodity	Season beginning—	Canners' stocks			Distributors' stocks <sup>1</sup>		
		1967	1968	1969	1967	1968	1969
		<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>	<i>1,000 cases<sup>2</sup></i>
Asparagus.....	March.....	1,538	1,386	1,697	614	647	( <sup>3</sup> )
Beans, lima.....	August.....	263	784	1,053	443	456	461
Beans, snap.....	July.....	4,132	9,651	11,111	2,755	3,125	3,273
Beets.....	July.....	1,943	2,161	3,982	936	936	1,067
Carrots.....	July.....	1,634	1,758	1,975	540	576	577
Corn.....	August.....	1,191	3,993	9,606	3,069	3,540	4,078
Peas, green.....	June.....	3,407	5,813	7,416	2,874	2,970	2,877
Pumpkin and squash.....	July.....	574	563	697	381	321	313
Sauerkraut <sup>4</sup> .....	August.....	1,373	2,745	2,200	508	533	554
Tomatoes.....	July.....	3,019	5,611	10,507	2,869	2,656	( <sup>3</sup> )
Tomato juice.....	July.....	5,317	6,797	8,424	1,898	1,992	( <sup>3</sup> )
Tomato catsup and chili sauce.....	July.....	12,206	13,907	( <sup>3</sup> )	3,047	3,029	( <sup>3</sup> )
Total of these items.....		36,597	55,169	( <sup>3</sup> )	19,934	20,781	( <sup>3</sup> )

<sup>1</sup> Data for asparagus, lima beans, sweet corn, and sauerkraut are either estimates or interpolations.

<sup>2</sup> Actual cases.

<sup>3</sup> Not available.

<sup>4</sup> Canners' stocks of sauerkraut converted to cases by using a factor of 14 cases of 24/2's per barrel (of 45 gallons).

Consumer and Marketing Service. Compiled mainly from reports of the National Cannery Association, the Cannery League of California, the National Kraut Packers Association, and the U.S. Department of Commerce.



## CHAPTER V

# STATISTICS OF FRUITS, TREE NUTS, AND BEVERAGE CROPS

Fruit production was defined, beginning with the 1969 crop, as the quantity sold or utilized. Production under this definition is comparable with the "production having value" series carried in earlier editions of Agricultural Statistics. Additional quantities of fruit left unharvested or culled from harvested fruit because of economic conditions are shown in the tables or footnotes. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to the crop in commercial areas. The estimates for strawberries cover production on acreage grown primarily for sale.

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 the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

The table on citrus fruits season average price per box and total sales at principal auction markets was dropped as the data series was discontinued. The table on grape sales of selected varieties at eastern and midwestern auctions was also dropped following the recent decline in volume.

**Table 299.—Fruits and planted nuts: Bearing acreage, United States, 1954–69**

Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3</sup>	Planted nuts <sup>4</sup>	Fruits and planted nuts	Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3</sup>	Planted nuts <sup>4</sup>	Fruits and planted nuts
	<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>
1954 .....	797.1	1,847.8	85.1	252.9	2,982.9	1962 .....	838.4	1,676.6	89.0	250.6	2,854.6
1955 .....	822.8	1,789.0	86.6	248.3	2,946.7	1963 .....	775.4	1,668.7	89.3	252.5	2,785.9
1956 .....	825.6	1,736.0	86.5	244.9	2,893.0	1964 .....	781.4	1,668.7	90.2	259.6	2,799.9
1957 .....	821.1	1,696.2	86.8	247.0	2,851.1	1965 .....	831.6	1,669.7	86.2	263.2	2,850.7
1958 .....	777.2	1,694.0	88.0	249.8	2,809.0	1966 .....	876.9	1,655.7	84.2	272.5	2,889.3
1959 .....	776.9	1,694.0	85.6	250.2	2,806.7	1967 .....	938.5	1,652.3	83.4	284.4	2,958.6
1960 .....	798.0	1,682.2	88.2	249.8	2,818.2	1968 .....	1,002.0	1,660.3	81.5	292.3	3,036.1
1961 .....	806.6	1,668.0	88.7	247.8	2,811.1	1969 <sup>5</sup> .....	1,066.4	1,656.4	81.5	302.1	3,106.4

<sup>1</sup> Oranges, tangelos, tangerines, temples, grapefruit, lemons, and limes. Acreage is for the year of harvest; previous publications data were for the year of bloom.

<sup>2</sup> Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.

<sup>3</sup> Nectarines, figs, olives, avocados, dates, persimmons, and pomegranates.

<sup>4</sup> Walnuts, almonds, and filberts.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 300.

Table 300.—Fruits: Production in tons, United States, 1954-69<sup>1</sup>

Year	Apples, com- mercial crop <sup>2</sup>	Peaches	Pears	Grapes	Cherries	Plums	Prunes (fresh basis)	Apricots	Figs (fresh basis)	Olives	Nec- tarines
	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
1954.....	2,678	1,473	715	2,563	204	73	507	160	88	50	19
1955.....	2,481	1,234	711	3,242	260	89	424	278	88	36	24
1956.....	2,431	1,662	770	2,911	168	101	580	196	87	70	19
1957.....	2,820	1,487	741	2,589	240	85	480	186	78	37	36
1958.....	3,004	1,689	693	3,023	192	69	292	108	81	66	31
1959.....	2,835	1,776	721	3,216	218	<sup>3</sup> 533		229	64	27	39
1960.....	2,456	1,778	623	3,069	185	461		237	60	66	44
1961.....	2,817	1,852	656	3,255	267	508		171	63	44	54
1962.....	2,843	1,774	708	3,238	276	543		165	71	52	51
1963.....	2,860	1,755	469	3,732	150	483		198	63	57	57
1964.....	3,120	1,714	719	3,478	344	630		218	67	54	75
1965.....	2,997	1,676	496	4,326	248	599		211	61	50	65
1966.....	2,823	1,690	722	3,733	200	481		192	68	63	68
1967.....	2,697	1,342	452	3,062	198	577		148	42	14	55
1968.....	2,721	1,795	616	3,549	225	528		149	52	86	64
1969 <sup>4</sup> .....	3,361	1,833	712	3,903	279	482		231	55	70	66

  

Year	Avoc- adocs	Oranges	Tan- gerines	Grape- fruit	Lemons	Limes	Tan- gelos	Temples	Cran- berries	Straw- berries, com- mercial crop	Fruits
	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
1954.....	56.5	5,329	214	1,948	637	14.8		99	51	204	17,083
1955.....	33.4	5,439	232	1,737	532	15.2		112	51	224	17,243
1956.....	25.5	5,511	214	1,874	498	16.0	10.6	126	48	274	17,592
1957.....	60.6	5,519	218	1,851	616	16.0	14.4	122	52	272	17,520
1958.....	55.2	4,651	100	1,630	642	14.0	15.8	68	58	266	16,748
1959.....	76.0	5,364	204	1,808	655	8.0	13.5	135	62	240	18,224
1960.....	37.3	5,273	128	1,695	693	12.8	24.8	176	67	233	17,319
1961.....	56.1	4,861	233	1,776	544	12.4	22.5	180	62	254	17,688
1962.....	51.7	5,823	200	1,748	636	13.6	45.0	207	59	260	18,764
1963.....	60.7	4,385	103	1,429	494	16.0	33.8	90	61	255	16,752
1964.....	36.7	3,732	182	1,377	724	18.0	40.5	153	66	274	17,022
1965.....	60.8	4,990	198	1,667	540	22.4	45.0	171	71	214	18,708
1966.....	80.3	5,810	191	1,894	599	16.6	54.0	202	79	232	19,198
1967.....	52.1	7,926	225	2,286	681	16.8	76.5	225	70	234	20,379
1968.....	73.7	5,439	160	1,781	641	28.8	76.5	202	73	262	18,525
1969 <sup>4</sup> .....	46.0	7,902	192	2,209	602	28.0	81.0	202	91	240	22,585

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Estimates of the commercial crop refer to production in commercial apple areas of each State, 1954-58, and in orchards of 100 or more bearing-age trees, 1959-69.<sup>3</sup> Beginning with the 1959 crop, plums and prunes combined.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 301.

## FOOTNOTES FOR TABLE 303

<sup>1</sup> Years shown refer to years of harvest in 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 1968 is combined with preliminary forecasts for the Southern Hemisphere harvests which began late in 1968 and ended early in 1969. <sup>2</sup> Preliminary. <sup>3</sup> Basic production data reported in units other than bushels converted to 42-pound equivalents. <sup>4</sup> Commercial crop. <sup>5</sup> May include some cider apples.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 301.—Apples, commercial crop:<sup>1</sup> Production and season average price per pound, by States, 1967-69

Area and State	Production <sup>2</sup>			Price <sup>4</sup> for crop of—		
	1967	1968	1969 <sup>3</sup>	1967	1968	1969 <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
<b>Eastern States:</b>						
Maine.....	67.3	66.0	61.0	5.40	7.69	6.37
New Hampshire.....	55.4	46.0	38.0	6.11	8.31	6.79
Vermont.....	48.1	36.3	38.0	6.11	8.50	7.75
Massachusetts.....	98.0	89.3	100.0	6.09	7.47	6.98
Rhode Island.....	4.5	4.8	4.0	6.56	8.09	8.06
Connecticut.....	44.9	47.9	48.2	6.70	8.20	7.85
New York.....	950.2	830.0	855.0	4.80	6.01	4.67
New Jersey.....	111.3	100.5	119.7	5.71	6.45	5.30
Pennsylvania.....	359.0	390.0	525.0	4.85	4.63	3.65
Delaware.....	13.5	10.8	14.0	5.27	4.86	5.01
Maryland.....	71.3	57.5	72.0	6.35	6.42	5.30
Virginia.....	363.0	413.0	472.0	4.37	4.82	3.80
West Virginia.....	228.4	220.8	260.0	5.22	5.81	4.55
North Carolina.....	166.1	169.8	204.0	4.11	5.03	4.09
South Carolina.....	4.9	8.6	8.0	7.60	8.29	9.32
<b>Total.....</b>	<b>2,585.9</b>	<b>2,491.3</b>	<b>2,818.9</b>			
<b>Central States:</b>						
Ohio.....	101.7	130.0	147.0	6.42	6.98	6.22
Indiana.....	74.8	58.0	90.0	6.30	6.41	5.91
Illinois.....	104.9	96.6	102.9	4.99	5.85	5.38
Michigan.....	555.0	555.0	720.0	5.06	5.24	3.74
Wisconsin.....	49.8	63.0	65.0	6.75	7.09	6.87
Minnesota.....	13.0	22.4	19.1	6.26	8.62	7.09
Iowa.....	10.3	15.4	15.0	7.65	7.19	7.29
Missouri.....	29.8	59.2	59.2	6.52	6.97	6.38
Kansas.....	6.8	15.9	14.4	5.99	5.22	4.62
Kentucky.....	16.4	19.1	20.9	5.94	6.37	6.00
Tennessee.....	7.3	10.4	10.4	4.68	5.11	4.81
Arkansas.....	8.5	7.1	9.1	4.96	6.15	5.14
<b>Total.....</b>	<b>978.3</b>	<b>1,052.1</b>	<b>1,273.0</b>			
<b>Western States:</b>						
Idaho.....	70.6	28.0	134.0	5.06	7.90	5.14
Colorado.....	22.9	74.0	77.0	6.77	5.90	4.17
New Mexico.....	4.3	36.5	24.9	7.21	5.24	5.85
Utah.....	20.9	28.0	42.0	5.35	6.70	4.05
Washington.....	1,240.0	1,025.0	1,645.0	7.26	7.95	3.00
Oregon.....	124.0	87.0	167.0	5.54	5.79	2.91
California.....	348.0	620.0	540.0	3.99	4.77	3.23
<b>Total.....</b>	<b>1,830.7</b>	<b>1,898.5</b>	<b>2,629.9</b>			
<b>United States.....</b>	<b>5,394.9</b>	<b>5,441.9</b>	<b>6,721.8</b>	<b>5.56</b>	<b>6.11</b>	<b>4.09</b>

<sup>1</sup> In orchards of 100 or more bearing-age trees.

<sup>2</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruits are as follows (million pounds): 1967—Maine, 4.7; New Hampshire, 0.8; Vermont, 0.7; New York, 4.8; Virginia, 5.0; West Virginia, 2.1; North Carolina, 6.7; Indiana, 0.8; Wisconsin, 1.7; Kentucky, 1.7; and Utah, 0.9; 1968—Massachusetts, 2.7; Virginia, 4.0; North Carolina, 8.2; Minnesota, 0.7; Kentucky, 0.7; and New Mexico, 6.0; 1969—Rhode Island, 0.1; Connecticut, 0.4; New Jersey, 17.5; Pennsylvania, 10.0; Delaware, 1.0; Maryland, 2.0; Virginia, 12.0; West Virginia, 5.0; North Carolina, 19.0; Ohio, 3.0; Illinois, 2.1; Minnesota, 1.9; Kansas, 1.6; Kentucky, 0.6; Colorado, 3.0; New Mexico, 2.1; Utah, 9.0; and Washington, 20.0.

<sup>3</sup> Preliminary.

<sup>4</sup> Fresh fruit prices are equivalent returns at packinghouse door for Washington, Oregon, and California; for other States, returns at point of first sale. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 302.—Apples: Production, value, and foreign trade, United States, 1959–69

Year	Apples, commercial crop <sup>1</sup>				Foreign trade, year beginning July <sup>5</sup>				
	Not utilized <sup>2</sup>	Production <sup>3</sup>	Season average price <sup>4</sup>	Value	Domestic exports			Imports, fresh and dried, in terms of fresh	
					Fresh	Dried, in terms of fresh	Canned, in terms of fresh		
	Million pounds	Million pounds	Cents per pound	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1959		<sup>6</sup> 5,789.3							
1959	69.0	5,669.2	3.79	214,690	3,702	1,092	46	769	
1960	5.2	4,912.3	4.84	237,780	2,660	384	45	1,020	
1961	61.5	5,634.8	4.15	233,694	4,691	988	211	908	
1962	4.0	5,685.1	4.32	245,851	2,902	923	216	1,707	
1963	32.3	5,720.3	4.21	241,000	4,210	529	73	1,652	
1964		<sup>6</sup> 5,775.6							
1964	79.1	6,240.3	4.00	249,626	4,595	626	774	947	
1965	138.2	5,993.3	4.35	260,511	5,839	570		703	
1966	111.3	5,646.4	4.46	252,080	4,098	308		1,445	
1967	30.2	5,394.9	5.56	299,769	2,927	248		2,674	
1968	22.3	5,441.9	6.11	332,236	1,577	204		2,244	
1969 <sup>8</sup>	110.3	6,721.8	4.09	274,717					

<sup>1</sup> In orchards of 100 or more bearing-age trees.

<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Fresh fruit prices are equivalent returns at packinghouse door for Washington, Oregon, and California; for other States, returns at point of first sale. Beginning 1963, processing prices are equivalent returns at processing plant door. U.S. prices obtained by weighting State prices by quantity sold.

<sup>5</sup> Dried and canned are converted to terms of fresh apples on following basis: 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 re-exports reported.

<sup>6</sup> Census of Agriculture returns of total harvested production of all areas in the United States.

<sup>7</sup> July–December average. No longer reported separately.

<sup>8</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Data for 1934–58 in *Agricultural Statistics, 1967*, table 302. Italic figures are Census of Agriculture returns from the Bureau of the Census of harvested production. Foreign trade data from reports of the U.S. Department of Commerce.

Table 303.—Apples, fresh (dessert and cooking): Production in specified countries, 1967–69 <sup>1</sup>

Continent and country	1967	1968	1969 <sup>2</sup>	Continent and country	1967	1968	1969 <sup>2</sup>
	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>		1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>
North America:				Europe—Continued			
Canada <sup>4</sup>	26,242	21,514	23,231	Spain	15,805	22,471	20,833
Mexico	6,666	6,735	8,892	Sweden <sup>4</sup>	2,215	2,268	1,701
United States <sup>4</sup>	129,169	130,100	162,733	Switzerland	5,483	4,783	6,605
Total	162,077	158,349	194,856	United Kingdom	15,925	18,533	20,853
				Yugoslavia	15,800	15,957	18,372
South America:				Total	428,018	401,455	458,121
Argentina	24,650	22,907	22,508	Asia:			
Chile <sup>4</sup>	3,412	3,464	3,700	Japan	59,052	59,629	56,690
Europe:				Lebanon	9,763	8,923	3,674
Austria	12,913	11,390	12,073	Turkey	33,594	36,743	34,119
Belgium and Luxembourg	15,747	9,763	16,377	Africa:			
Denmark <sup>4</sup>	4,467	4,418	4,330	South Africa, Republic of	11,379	11,136	11,333
France	81,360	96,749	93,683	Oceania:			
Germany, West	119,342	82,384	130,649	Australia	19,615	20,712	20,001
Greece	9,367	10,069	10,157	New Zealand	5,858	5,440	6,359
Italy	101,396	101,401	92,856	Total specified countries <sup>5</sup>	757,418	728,758	811,361
Netherlands	25,615	17,847	26,245				
Norway	2,583	3,422	3,387				

See footnotes on page 208.

Table 304.—Apples, commercial crop: Production and utilization, United States, 1960-69

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh	Processed (fresh basis)			
						Canned	Dried	Frozen	Other <sup>3</sup>
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	5.2	4,912.3	51.6	4,860.7	3,104.7	893.2	159.8	185.5	517.5
1961.....	61.5	5,634.8	51.6	5,583.2	3,397.8	1,099.1	198.6	159.2	728.5
1962.....	4.0	5,685.1	48.2	5,636.9	3,369.0	1,111.0	225.5	174.4	757.0
1963.....	32.3	5,720.3	41.2	5,679.1	3,405.6	1,149.9	172.0	168.4	783.2
1964.....	79.1	6,240.3	40.4	6,199.9	3,528.5	1,310.8	142.3	198.3	1,020.0
1965.....	138.2	5,993.3	38.9	5,954.4	3,336.0	1,308.6	184.2	218.2	907.4
1966.....	111.3	5,646.4	36.1	5,610.3	3,178.2	1,043.2	254.4	206.7	927.8
1967.....	30.2	5,394.9	33.3	5,361.6	3,135.2	1,106.0	159.6	257.9	702.9
1968.....	22.3	5,441.9	34.7	5,407.2	3,154.7	1,174.8	173.7	228.0	676.0
1969 <sup>4</sup> .....	110.3	6,721.8	36.5	6,685.3	3,677.0	1,398.3	280.2	207.6	1,122.2

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 305.

Table 305.—Apples, commercial crop: Production and utilization, by States and regions, crop of 1969 (preliminary)

State and region	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh	Processed (fresh basis)			
						Canned	Dried	Frozen	Other <sup>3</sup>
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
New England States.....	0.5	289.2	0.8	288.4	246.2	7.4	.....	1.5	33.3
New York.....	.....	855.0	1.5	853.5	347.8	307.0	( <sup>4</sup> )	58.5	140.2
Pennsylvania.....	10.0	525.0	1.4	523.6	139.6	328.5	.....	( <sup>4</sup> )	55.5
Virginia.....	12.0	472.0	1.9	470.1	179.6	172.9	.....	( <sup>4</sup> )	117.6
West Virginia.....	5.0	260.0	.6	259.4	126.8	84.4	.....	( <sup>4</sup> )	48.2
Michigan.....	.....	720.0	5.0	715.0	287.0	157.0	.....	95.0	176.0
Washington.....	20.0	1,645.0	8.0	1,637.0	1,180.0	62.2	160.2	( <sup>4</sup> )	234.6
Oregon.....	.....	167.0	.6	166.4	116.3	34.4	.....	.....	15.7
California.....	.....	540.0	4.0	536.0	126.0	134.0	120.0	42.0	114.0
Other States.....	62.8	1,248.6	12.7	1,235.9	927.7	110.5	( <sup>4</sup> )	10.6	187.1
Eastern States <sup>5</sup> .....	67.0	2,818.9	11.3	2,807.6	1,313.8	962.3	( <sup>4</sup> )	66.0	465.5
Central States <sup>6</sup> .....	9.2	1,273.0	10.7	1,262.3	737.1	179.3	.....	99.6	246.3
Western States <sup>7</sup> .....	34.1	2,629.9	14.5	2,615.4	1,626.1	256.7	280.2	42.0	410.4
Total United States.....	110.3	6,721.8	36.5	6,685.3	3,677.0	1,398.3	280.2	207.6	1,122.2

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Mostly crushed for vinegar, cider, and juice. For some States, some quantities canned, dried, and frozen are included to avoid disclosure of individual operations.

<sup>4</sup> Included in "Other" to avoid disclosure of individual operations.

<sup>5</sup> Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, North Carolina, and South Carolina.

<sup>6</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Kentucky, Tennessee, and Arkansas.

<sup>7</sup> Idaho, Colorado, New Mexico, Utah, Washington, Oregon, and California.

Statistical Reporting Service.

Table 306.—Apples: International trade, 1966-68

Continent and country	1966		1967		1968	
	Exports	Imports	Exports	Imports	Exports	Imports
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	2,619	1,139	3,437	968	3,492	1,475
Dominican Republic		29		32		18
Mexico			1			105
Netherlands Antilles		34		23		26
Panama		51		44		29
United States	5,352	689	3,882	1,686	2,218	2,324
Total	7,971	1,942	7,320	2,753	5,710	3,979
South America:						
Argentina	8,745		11,194		11,820	
Brazil		2,599		4,057		5,234
Chile	1,003		837		874	
Peru		594	2	341		335
Venezuela		599		600		
Total	9,748	3,792	12,033	5,498	12,694	5,569
Europe:						
Austria	571	2,420	42	1,722	1,058	1,380
Belgium and Luxembourg	2,337	2,385	2,050	2,506	1,761	2,973
Denmark	455	689	501	702	572	713
Finland		2,214		1,901		1,956
France:						
Table	6,229	3,802	9,393	3,132	15,035	2,239
Cider	924		1,859		1,402	
Germany, West	86	26,863	175	25,203	918	27,131
Ireland		937		962		822
Italy	20,495	28	18,475	195	15,762	238
Netherlands	2,642	1,050	2,303	2,089	2,451	3,201
Norway		1,073		902		959
Sweden	35	2,566	83	2,520	66	2,523
Switzerland:						
Table <sup>1</sup>	58	1,450	100	1,748	103	1,317
Cider <sup>1</sup>	205	368	323	8	76	
United Kingdom		11,893		11,695		12,455
Yugoslavia		430	5	364		352
Total	34,037	58,118	35,309	55,659	39,204	58,259
Africa:						
Morocco	1	10		22		15
South Africa, Republic of	5,243		5,330		6,217	
Total	5,244	10	5,330	22	6,217	15
Asia:						
Hong Kong	562	1,586	371	1,405	518	1,839
Japan	849		878		1,084	
Lebanon	3,569	31	3,921	38	6,083	23
Malaysia		345		598		
Philippines		465		481		
Syria		450		500		989
Total	4,980	2,877	5,170	3,022	7,685	2,851
Oceania:						
Australia	7,884		6,889		6,893	
New Zealand	2,385		1,864		2,112	
Total	10,269		8,753		9,005	
World total	72,249	66,739	73,915	66,954	80,515	70,673

<sup>1</sup> Includes pears.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 307.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1966-68

Country	Year beginning July			Country	Year beginning July		
	1966	1967	1968		1966	1967	1968
<b>EXPORTS</b>				<b>EXPORTS—continued</b>			
Europe:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	Other countries:	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Belgium and Luxembourg			11	Canada	743	697	619
Denmark	61	20		Hong Kong	157	96	45
Finland	229	69	19	Malaysia	42	33	7
France	1	6	3	Netherlands Antilles	17	13	15
Germany, West	4	1		Philippines	26	29	16
Iceland	54	37	2	West Indies	49	68	65
Ireland	129	93	5	Others	56	71	57
Netherlands	189	51	162	Total	1,090	1,007	824
Norway	132	151	16	Grand total	4,276	3,054	1,646
Sweden	443	231	117	<b>IMPORTS</b>			
United Kingdom	1,079	855	136	Argentina	2	16	29
Total	2,321	1,514	471	Canada	1,203	2,185	1,986
Latin American Republics:				New Zealand	57	56	94
Colombia	1	1		Others	17	65	118
Costa Rica	11	9	7	Total	1,279	2,322	2,227
Dominican Republic	28	29	19				
Mexico	163	148	156				
Panama	51	34	26				
Peru	56	2					
Venezuela	418	250	117				
Others	137	60	26				
Total	865	533	351				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 308.—Apples, western: Average auction price per box, all grades, New York, 1960-69

Season beginning July	Jonatban	Golden Delicious	Rome Beauty	Delicious	Yellow Newtown	Winesap	Average <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1960		4.62	3.67	5.90	5.88	5.79	5.72
1961	3.73	5.12	3.30	6.28	4.39	5.62	5.93
1962		4.24	3.94	5.06	3.67	5.29	5.12
1963		4.64	3.59	5.15	4.10	5.11	4.97
1964		4.31	4.21	5.33		4.34	5.09
1965		4.47	4.00	5.55		4.66	5.59
1966		4.80	4.11	5.91		5.71	5.62
1967		6.02	3.95	6.75		6.52	6.51
1968		6.10	5.12	7.64		5.20	7.00
1969 <sup>2</sup>		4.52	3.10	5.25		5.25	4.53

<sup>1</sup> Weighted average of varieties shown in this table.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day. Data for 1944-59 in *Agricultural Statistics, 1967*, table 309.

Table 309.—Apricots: Production, value, and exports, United States, 1954-69<sup>1</sup>

Year	Not utilized <sup>2</sup>	Production <sup>3</sup>	Season average price per ton <sup>4</sup>	Value	Domestic exports, year beginning July				
					Fresh	Canned <sup>5</sup>	Dried <sup>5</sup>	Dried, in fruit salad <sup>5</sup>	Total in terms of fresh
					Tons	1,000 pounds	Tons	Tons	Tons
		Tons	Dollars	1,000 dollars	Tons	1,000 pounds	Tons	Tons	Tons
1954		159,900	126.00	20,096	3,261	7,201	1,701	305	16,236
1955	3,200	278,200	106.00	29,450	3,371	9,904	1,817	470	18,796
1956		196,100	134.00	26,282	2,171	14,074	2,061	418	20,127
1957	5,500	186,000	104.00	19,353	1,552	15,059	2,364	517	21,935
1958	1,000	108,300	154.00	16,651	310	5,237	430	325	6,133
1959	1,000	229,300	115.00	26,379	2,709	9,058	1,039	427	13,559
1960	5,530	237,070	105.00	24,924	1,357	11,617	1,766	340	16,489
1961	1,840	171,400	95.50	16,380	1,366	17,240	1,557	441	18,020
1962	600	165,100	142.00	23,494	1,905	7,475	798	499	11,340
1963	650	197,850	126.00	24,870	2,693	7,840	975	366	12,489
1964	2,100	218,000	124.00	26,978	2,102	6,609	1,404	386	13,751
1965	15,060	210,940	93.30	19,695	4,826	10,249	1,550	486	20,382
1966	1,000	192,400	125.00	24,136	2,002	6,003	1,293	335	13,580
1967	375	147,525	160.00	23,588	1,338	2,710	613	310	7,472
1968	120	149,280	184.00	27,539	955	2,471	460	243	5,777
1969 <sup>6</sup>	150	230,550	146.00	33,543					

<sup>1</sup> Production, price, and value for California, Washington, and Utah. The 1964 Census of Agriculture showed these 3 States as having 98.0 percent of the 1964 production.

<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Obtained by weighting State prices by quantity sold. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>5</sup> Net processed weight.

<sup>6</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Exports from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 310.

Table 310.—Apricots: Production and season average price per ton, by States, 1967-69

State	Production <sup>1</sup>			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
Utah	1,425	1,800	4,500	128	162	133
Washington	3,100	2,480	3,050	262	287	200
California	143,000	145,000	223,000	158	183	145
United States	147,525	149,280	230,550	160	184	146

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 1967—Utah, 75; Washington, 300; 1968—Washington, 120; 1969—Washington, 150.

<sup>2</sup> Preliminary.

<sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.



Table 311.—Apricots, fresh: Production in specified countries, 1967–69

Continent and country	1967	1968	1969 <sup>1</sup>	Continent and country	1967	1968	1969 <sup>1</sup>
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
North America:				Africa:			
Canada.....	3.3	3.6	0.2	South Africa, Republic of.....	26.0	25.5	25.2
United States.....	147.9	149.4	219.5				
Total.....	151.2	153.0	219.7	Asia:			
South America:				Iran.....	35.8	46.8	22.0
Argentina.....	19.4	19.3	19.4	Turkey.....	130.1	144.4	110.2
Chile.....	5.5	5.0	4.2	Total.....	165.9	191.2	132.2
Total.....	24.9	24.3	23.6	Oceania:			
Europe:				Australia.....	36.5	45.6	52.8
Austria.....	24.5	23.3	28.2	New Zealand.....	5.7	4.9	6.6
France.....	114.6	145.8	63.0	Total.....	42.2	50.5	59.4
Germany, West.....	4.0	7.3	4.2	Total specified countries.....	844.5	1,008.7	825.1
Greece.....	31.7	32.3	37.4				
Italy.....	71.2	120.5	75.4				
Spain.....	153.6	205.2	105.7				
Switzerland.....	6.1	12.1	12.1				
Yugoslavia.....	28.6	17.7	39.0				
Total.....	434.3	564.2	365.0				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 312.—Apricots: Production and utilization, United States,<sup>1</sup> 1960–69

Crop of—	Not utilized <sup>2</sup>	Production <sup>3</sup>	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned <sup>4</sup>	Dried	Frozen
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1960.....	5,530	237,070	1,490	235,580	19,280	155,800	53,200	7,300
1961.....	18,400	171,400	1,370	170,030	17,985	114,245	32,500	5,300
1962.....	600	165,100	1,240	163,860	19,260	110,100	28,900	5,600
1963.....	659	197,850	1,020	196,830	16,530	125,400	47,900	7,000
1964.....	2,100	218,000	1,000	217,000	19,340	151,760	37,400	8,500
1965.....	15,080	210,940	725	210,215	<sup>5</sup> 14,415	156,060	30,800	9,000
1966.....	1,100	192,400	880	191,520	17,650	126,370	39,000	8,500
1967.....	375	147,525	910	146,615	10,645	106,270	22,000	7,700
1968.....	120	149,280	880	148,400	11,005	106,095	23,100	8,200
1969 <sup>6</sup> .....	150	230,550	930	229,620	13,870	164,450	41,800	9,500

<sup>1</sup> California, Washington, and Utah.<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>3</sup> Production is the quantity sold or utilized.<sup>4</sup> Includes some quantities frozen or otherwise processed.<sup>5</sup> Beginning 1965, includes some quantities canned.<sup>6</sup> Preliminary.Statistical Reporting Service. Data for 1944–59 in *Agricultural Statistics, 1967*, table 313.

Table 313.—Apricots: Production and utilization, by States, crop of 1969 (preliminary)

State	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold			
		Home use	Sold	Fresh	Processed (fresh basis)		
					Canned	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Utah.....	4,500	200	4,300	<sup>2</sup> 4,300	(?)		(?)
Washington.....	<sup>3</sup> 3,050	30	3,020	1,570	<sup>4</sup> 1,450		( <sup>4</sup> )
California.....	223,000	700	222,300	8,000	163,000	41,800	9,500
United States.....	230,550	930	229,620	13,870	164,450	41,800	9,500

<sup>1</sup> Production is the quantity sold or utilized. <sup>2</sup> Some quantities canned or otherwise processed are included with fresh sales to avoid disclosure of individual operations. <sup>3</sup> Excludes 150 tons of excess cullage. <sup>4</sup> Some quantities used for juice, jam, dried, or frozen are included with canned to avoid disclosure of individual operations.

Statistical Reporting Service.

Table 314.—Bananas: International trade, 1966-68

Continent and country	1966	1967	1968	Continent and country	1966	1967	1968
<b>EXPORTS FROM SPECIFIED COUNTRIES</b>				<b>IMPORTS INTO SPECIFIED COUNTRIES</b>			
	Million pounds	Million pounds	Million pounds		Million pounds	Million pounds	Million pounds
North America:				North America:			
Costa Rica.....	791	818	1,221	Canada.....	386	401	428
Dominican Republic.....	22	1	9	United States.....	3,566	3,605	3,676
Guadeloupe.....	203	176	232	Total.....	3,952	4,006	4,104
Guatemala.....	138	210	304	South America:			
Honduras.....	1,710	1,882	1,999	Argentina.....	469	402	396
Jamaica.....	449	429	336	Chile.....	96	124	167
Martinique.....	457	425	435	Uruguay.....	54	45	36
Mexico.....	26	15	26	Total.....	619	571	599
Nicaragua.....	34	88	91	Europe:			
Panama.....	849	1,001	1,044	Austria.....	125	123	131
Windward Islands.....	385	378	398	Belgium and Luxembourg.....	170	169	171
Total.....	5,064	5,423	6,095	Denmark.....	84	94	89
South America:				Finland.....	36	40	37
Brazil.....	452	377	353	France.....	1,013	978	949
Colombia.....	685	718	825	Germany, West.....	1,327	1,370	1,236
Ecuador.....	2,788	2,784	2,759	Ireland.....	39	43	44
Total.....	3,925	3,879	3,937	Italy.....	711	702	716
Africa:				Netherlands.....	219	221	214
Cameroun.....	103	100	98	Norway.....	77	81	78
Canary Islands <sup>1</sup> .....	198	116	98	Sweden.....	126	146	163
Congo (Kinshasa).....	16	10	7	Switzerland.....	134	131	131
Ghana.....	1	1	1	United Kingdom.....	814	779	764
Guinea, Republic of.....	55	73	66	Total.....	4,875	4,877	4,723
Ivory Coast.....	290	314	314	Africa:			
Mozambique.....	25	31	40	Algeria.....	20	8	10
Somali Republic.....	207	181	187	Morocco.....	23	21	23
Total.....	895	826	811	South Africa, Republic of.....	13	13	11
Asia:				Tunisia.....	3	5	5
Lebanon.....	23	22	16	Total.....	59	47	49
China (Taiwan).....	761	842	751	Asia:			
Total.....	784	864	767	Japan.....	918	1,061	1,406
Oceania.....	48	56	45	Syria.....	14	14	10
World total.....	10,716	11,048	11,655	Total.....	932	1,075	1,416
				Oceania:			
				New Zealand.....	56	67	50
				World total.....	10,493	10,643	10,941

<sup>1</sup> Excludes shipments to Spanish mainland.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 315.—Avocados: Production, season average price per ton, value, and imports, United States, 1954–69<sup>1</sup>

Year	California			Florida			California and Florida			Imports, year beginning July
	Production <sup>2</sup>	Price <sup>3</sup>	Value	Production <sup>2</sup>	Price <sup>4</sup>	Value	Production <sup>3</sup>	Price <sup>4</sup>	Value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons
1954	45,200	209	9,447	11,300	114	1,288	56,500	190	10,735	3,698
1955	20,000	414	8,280	13,400	112	1,504	33,400	292	9,784	2,671
1956	15,800	440	6,952	9,700	124	1,200	25,500	319	8,152	3,304
1957	46,300	195	9,028	14,300	106	1,511	60,600	174	10,539	2,860
1958	51,500	168	8,652	3,700	138	511	55,200	166	9,163	3,534
1959	69,000	111	7,659	7,000	88	620	76,000	109	8,279	4,384
1960	35,500	280	9,940	1,800	175	315	37,300	275	10,255	3,068
1961	50,000	214	10,700	6,100	170	1,037	56,100	209	11,737	84
1962	40,000	268	10,720	11,700	140	1,638	51,700	239	12,358	15
1963	46,800	259	12,121	13,900	142	1,974	60,700	232	14,095	7
1964	24,000	520	12,480	12,700	180	2,293	36,700	401	14,773	36
1965	58,000	262	15,196	2,800	450	1,260	60,800	271	16,456	125
1966	74,500	202	15,049	5,800	224	1,299	80,300	204	16,348	295
1967	37,400	460	17,204	14,700	188	2,764	52,100	383	19,968	187
1968	61,100	300	18,330	12,600	237	2,986	73,700	289	21,316	100
1969 <sup>5</sup>	32,000	600	19,200	14,000	288	4,032	46,000	505	23,232	.....

<sup>1</sup> Production, price, and value for California and Florida only.

<sup>2</sup> Production is the quantity sold or utilized. Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 500 in 1954, 875 in 1955, 1,125 in 1956, 545 in 1957, 400 in 1958, 950 in 1959, and 660 in 1964.

<sup>3</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Obtained by weighting State prices by quantity sold.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Import data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 316.

Table 316.—Cherries: Production, value, and foreign trade, United States, 1954–69

Year	All varieties			Foreign trade, year beginning July			
	Not utilized <sup>1</sup>	Production having value <sup>2</sup>	Value	Domestic exports		Imports	
				Canned	Fresh	Natural, sulfured, or in brine	Dried or preserved
	Tons	Tons	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1954	150	204,080	51,037	629	3,060	3,874	3,036
1955	2,200	259,960	42,143	2,087	3,292	2,716	3,059
1956	.....	168,080	36,290	1,342	2,548	3,292	5,605
1957	680	239,540	48,776	6,709	2,019	5,942	5,869
1958	320	192,340	43,634	1,410	1,470	5,551	6,595
1959	922	217,928	53,854	4,830	2,169	3,940	7,553
1960	1,100	185,260	43,446	3,280	3,472	9,831	6,507
1961	900	266,520	60,388	5,567	2,048	4,675	6,505
1962	11,595	275,735	47,387	13,151	2,484	4,461	7,725
1963	860	150,150	40,300	2,706	2,955	11,603	8,656
1964	48,842	344,058	57,339	21,385	4,066	5,104	6,920
1965	16,536	247,594	44,911	33,534	4,687	1,977	7,183
1966	5,344	200,016	67,636	3,786	4,620	5,180	8,404
1967	837	198,443	74,973	3,390	3,727	5,626	8,623
1968	427	228,293	81,500	3,155	5,180	11,033	9,138
1969 <sup>3</sup>	7,170	278,430	66,881	.....	.....	.....	.....

See footnotes at end of table.

Table 316.—Cherries: Production, value, and foreign trade, United States, 1954–69  
—Continued

Year	Sweet varieties				Tart varieties			
	Not utilized <sup>1</sup>	Production having value <sup>2</sup>	Season average price per ton <sup>4</sup>	Value	Not utilized <sup>1</sup>	Production having value <sup>2</sup>	Season average price per ton <sup>4</sup>	Value
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Dollars	1,000 dollars
1954	150	97,760	295.00	28,824		106,320	209.00	22,213
1955	2,200	110,890	221.00	24,496		149,070	118.00	17,647
1956		69,040	300.00	20,794		99,040	156.00	15,496
1957	680	92,870	306.00	28,496		146,670	138.00	20,280
1958	320	88,930	298.00	26,510		103,410	166.00	17,124
1959	820	79,970	329.00	26,329	102	137,958	127.00	27,525
1960	1,100	69,420	362.00	25,136		115,840	158.00	18,310
1961	900	101,850	323.00	32,867		164,670	167.00	27,521
1962	2,000	109,080	288.00	31,039	5,959	166,655	98.00	16,348
1963	840	69,360	359.00	24,890	20	80,790	191.00	15,410
1964	1,395	118,135	290.00	34,252	47,447	225,923	102.00	23,087
1965	1,040	86,580	330.00	28,611	15,496	161,014	101.00	16,300
1966	4,860	111,050	389.00	43,183	484	88,966	275.00	24,453
1967	837	110,153	400.00	44,061		88,200	350.00	30,912
1968	311	90,889	439.00	39,926	116	137,404	302.00	41,574
1969 <sup>3</sup>	850	126,800	342.00	43,415	6,320	151,630	155.00	23,466

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Preliminary.

<sup>4</sup> Obtained by weighting State prices by quantity sold.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 317.

Table 317.—Cherries, fresh: Production in specified countries, 1967–69

Continent and country	1967	1968	1969 <sup>1</sup>	Continent and country	1967	1968	1969 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
North America:				Europe—Continued			
Canada	24.7	16.4	18.4	Netherlands	4.1	8.2	6.6
United States	199.3	228.7	280.3	Norway	2.4	5.3	5.0
Total	224.0	245.1	298.7	Spain	44.4	60.2	55.3
South America:				Switzerland	49.6	55.1	55.1
Argentina	2.0	1.5	2.1	United Kingdom	2.7	4.0	4.9
Chile	4.2	4.0	3.9	Yugoslavia	82.2	89.0	95.3
Total	6.2	5.5	6.0	Total	821.6	1,033.0	884.8
Europe:				Asia:			
Austria	26.6	28.9	25.6	Japan	9.4	9.4	12.0
Belgium and Luxembourg	7.7	22.0	19.8	Turkey	82.7	87.1	88.2
Denmark <sup>2</sup>	1.5	2.0	2.0	Total	92.1	96.5	100.2
France	115.7	145.5	120.1	Oceania:			
Germany, West	226.7	366.6	278.7	Australia	8.4	7.2	7.9
Greece	23.1	27.2	27.9	Total specified countries	1,152.3	1,387.3	1,297.6
Italy	234.9	219.0	188.5				

<sup>1</sup> Preliminary.

<sup>2</sup> Commercial production.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 318.—Cherries: Production and season average price per ton, by States, 1967-69

State	Production <sup>1</sup>			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
<b>SWEET VARIETIES</b>						
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	4,300	4,900	7,300	306	344	242
Pennsylvania.....	200	1,089	1,100	479	472	460
Michigan.....	17,500	22,000	21,500	297	340	213
3 Great Lakes States.....	22,000	27,989	29,900			
Montana.....	2,780	1,300	350	367	529	540
Idaho.....	2,700	1,100	3,200	460	580	395
Colorado.....	110	200	650	710	585	343
Utah.....	3,200	7,700	3,300	371	369	325
Washington.....	24,200	11,900	23,800	430	579	340
Oregon.....	39,000	15,700	35,000	396	495	338
California.....	17,000	25,000	30,600	496	452	454
7 Western States.....	88,990	62,900	96,900			
United States.....	110,990	90,889	126,800	400	439	342
<b>TART VARIETIES</b>						
New York.....	22,100	14,300	15,300	360	309	162
Pennsylvania.....	1,000	7,500	11,000	383	302	157
Ohio.....	500	1,300	800	375	320	120
Michigan.....	44,000	100,000	106,000	360	300	152
Wisconsin.....	6,800	6,000	2,740	358	303	188
5 Great Lakes States.....	74,400	129,100	135,840			
Idaho.....	1,100	384	950	241	340	205
Colorado.....	690	1,800	1,760	321	295	165
Utah.....	7,100	4,700	6,180	305	302	160
Washington.....	1,100	320	700	110	453	173
Oregon.....	3,900	1,100	6,200	343	391	132
5 Western States.....	13,890	8,304	15,790			
United States.....	88,290	137,404	151,630	350	302	155

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): Sweet cherries, 1967—Montana, 56; Idaho, 81; Washington, 700; 1968—Pennsylvania, 11; Washington, 300; 1969—Idaho, 100; Colorado, 50; Washington, 700; tart cherries, 1968—Idaho, 116; 1969—New York, 500; Michigan, 5,000; Wisconsin, 300; Utah, 520.

<sup>2</sup> Preliminary.

<sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

Table 319.—Cherries: Production and utilization, United States,<sup>1</sup> 1960–69

Crop of—	Not utilized <sup>2</sup>	Production <sup>3</sup>	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned <sup>4</sup>	Frozen	Brined <sup>5</sup>
<b>SWEET VARIETIES</b>								
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1960.....	1,100	69,420	2,118	67,302	23,800	10,590	180	32,732
1961.....	900	101,850	2,440	99,410	33,056	18,516	700	47,138
1962.....	2,000	109,080	2,370	106,710	38,103	17,470	470	50,667
1963.....	840	69,360	1,680	67,680	31,790	8,790	360	26,740
1964.....	1,395	118,135	1,865	116,270	45,816	16,945	475	53,034
1965.....	1,040	86,580	1,409	85,171	28,395	13,175	.....	43,601
1966.....	4,860	111,050	1,674	109,376	42,464	12,543	1,105	53,264
1967.....	837	110,153	1,526	108,627	40,676	14,492	550	52,909
1968.....	311	90,889	1,136	89,753	34,676	11,115	300	43,662
1969 <sup>6</sup> .....	850	126,800	1,432	125,368	48,228	19,160	200	57,780
<b>TART VARIETIES</b>								
1960.....	.....	115,840	1,423	114,417	4,942	44,207	64,168	1,100
1961.....	.....	164,670	1,487	163,183	6,190	62,563	93,870	560
1962.....	9,595	166,655	1,406	165,249	5,610	84,293	73,676	1,670
1963.....	20	80,790	995	79,795	3,885	30,845	44,350	715
1964.....	47,447	225,923	1,425	224,498	6,833	99,766	116,634	1,265
1965.....	15,496	161,014	1,192	159,822	4,903	68,193	85,001	1,725
1966.....	484	88,966	1,065	87,901	4,997	36,738	46,166	.....
1967.....	.....	88,290	854	87,436	3,108	30,374	53,954	.....
1968.....	116	137,404	681	136,723	4,803	48,411	83,509	.....
1969 <sup>6</sup> .....	6,320	151,630	836	150,794	4,405	63,221	83,168	.....

<sup>1</sup> New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.

<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Tart varieties. Includes small quantities used for juice, wine, preserves, and candied cherries; includes small quantities brined.

<sup>5</sup> Sweet varieties. Includes small quantities used for juice, wine, brandy, canning, etc.; small quantities frozen are also included.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 319.

Table 320.—Cherries: Production and utilization, by States, crop of 1969 (preliminary)

Variety and State	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned <sup>3</sup>	Frozen	Brined <sup>4</sup>
<b>SWEET VARIETIES</b>								
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Great Lakes States <sup>5</sup> .....	.....	29,900	195	29,705	3,485	3,160	.....	23,060
Washington.....	700	23,800	300	23,500	14,800	5,200	.....	3,500
Oregon.....	.....	35,000	700	34,300	5,900	8,200	.....	20,200
California.....	.....	30,600	100	30,500	19,500	2,600	200	8,200
Other Western States <sup>6</sup> .....	150	7,500	137	7,363	4,543	.....	.....	2,820
United States.....	850	126,800	1,432	125,368	48,228	19,160	200	57,780
<b>TART VARIETIES</b>								
Michigan.....	5,000	106,000	200	105,800	1,400	45,900	58,500	.....
Other Great Lakes States <sup>7</sup> .....	800	29,840	264	29,576	2,061	11,525	15,990	.....
Western States <sup>8</sup> .....	520	15,790	372	15,418	944	5,796	8,678	.....
United States.....	6,320	151,630	836	150,794	4,405	63,221	83,168	.....

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> For tart varieties includes some quantities used for juice, jam, jelly, brining, etc.

<sup>4</sup> For sweet varieties includes some quantities used for juice, wine, brandy, canning, freezing, etc.

<sup>5</sup> New York, Pennsylvania, and Michigan.

<sup>6</sup> Montana, Idaho, Colorado, and Utah.

<sup>7</sup> New York, Pennsylvania, Ohio, and Wisconsin.

<sup>8</sup> Idaho, Colorado, Utah, Washington, and Oregon.

Statistical Reporting Service.

Table 321.—Citrus fruits: Production, value, and foreign trade, United States, for season of 1959-60 to 1968-69

Season <sup>1</sup>	Not utilized <sup>2</sup>	Production <sup>3</sup>	Season average returns per box <sup>4</sup>	Value	Quantities processed <sup>5</sup>	Foreign trade <sup>6</sup>	
						Domestic exports <sup>7</sup>	Imports <sup>8</sup>
<b>ORANGES<sup>9</sup></b>							
	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>	<i>1,000 boxes</i>
1959-60.....		87,600	2.40	210,353	68,710	5,834	235
1960-61.....		82,700	3.41	282,418	67,587	5,149	366
1961-62.....		108,800	2.33	253,817	89,426	4,995	246
1962-63.....		72,500	2.16	229,245	61,073	4,355	830
1963-64.....		54,900	5.01	274,866	42,961	5,110	1,652
1964-65.....		82,400	2.99	246,768	67,802	5,661	1,084
1965-66.....		95,900	2.26	216,587	80,518	6,855	707
1966-67.....	100	182,910	1.85	337,506	134,067	8,156	1,079
1967-68.....		124,570	3.08	384,055	91,712	7,319	1,978
1968-69 <sup>10</sup> .....		183,880	2.60	479,418	138,638		
<b>GRAPEFRUIT</b>							
1959-60.....	29	41,591	1.38	57,419	17,491	2,114	53
1960-61.....	10	43,370	1.27	55,199	18,748	2,661	35
1961-62.....	420	42,490	1.06	45,156	19,048	2,892	44
1962-63.....	2	34,738	1.64	57,090	18,097	1,989	20
1963-64.....	3	34,207	2.63	90,046	14,159	2,249	16
1964-65.....	3	41,027	1.90	78,147	18,911	2,363	19
1965-66.....	5	46,695	1.95	90,986	23,694	2,612	6
1966-67.....	200	55,676	1.37	76,559	30,438	3,429	20
1967-68.....		44,058	2.53	111,424	21,827	3,077	41
1968-69 <sup>10</sup> .....		54,170	1.53	83,136	31,503		
<b>LEMONS</b>							
1959-60.....		18,230	1.92	34,977	8,858	2,361	(11)
1960-61.....		14,340	2.49	35,756	4,658	2,673	(11)
1961-62.....		16,740	2.17	36,379	7,724	2,096	(11)
1962-63.....		12,900	4.00	51,899	3,754	2,810	2
1963-64.....		19,040	2.67	50,749	9,585	2,788	3
1964-65.....		14,210	3.31	47,057	5,239	2,747	3
1965-66.....		15,770	3.29	51,746	6,600	3,137	2
1966-67.....		17,910	3.28	58,685	8,623	3,250	1
1967-68.....		16,850	3.85	64,874	7,452	2,943	1
1968-69 <sup>10</sup> .....		15,810	4.28	67,655	6,931		
<b>LIMES</b>							
1959-60.....		320	3.96	1,267	116		60
1960-61.....		310	3.75	1,162	111		68
1961-62.....		340	3.80	1,292	152		64
1962-63.....		400	3.89	1,556	164		61
1963-64.....		450	4.39	1,976	213		56
1964-65.....	100	460	3.64	2,038	260		44
1965-66.....		415	4.88	2,025	140		45
1966-67.....		420	6.41	2,692	147		36
1967-68.....		720	4.47	3,218	377		32
1968-69 <sup>10</sup> .....		700	4.50	3,150	320		
<b>TANGERINES<sup>12</sup></b>							
1959-60.....	100	2,700	3.40	9,180	541		
1960-61.....		4,900	2.33	11,417	1,588		
1961-62.....	260	4,000	2.80	11,200	1,235		
1962-63.....	210	2,000	3.78	7,560	400		
1963-64.....	290	3,600	4.29	15,444	1,133		
1964-65.....	690	3,750	3.78	14,175	1,169		
1965-66.....		4,130	3.56	14,701	937		
1966-67.....	1,500	4,900	2.55	12,512	1,284		
1967-68.....		3,510	5.56	19,522	787		
1968-69 <sup>10</sup> .....	900	4,210	3.98	16,752	1,323		
<b>TANGELOS</b>							
1959-60.....		550	4.80	2,640	94		
1960-61.....		500	5.43	2,715	94		
1961-62.....		1,000	3.89	3,890	286		
1962-63.....		750	5.19	3,892	163		
1963-64.....		900	5.44	4,896	221		
1964-65.....		1,000	4.61	4,610	194		
1965-66.....		1,200	3.53	4,256	221		
1966-67.....	100	1,700	2.34	3,978	406		
1967-68.....		1,700	4.00	6,800	285		
1968-69 <sup>10</sup> .....		1,800	3.33	5,994	586		

See footnotes at end of table.

Table 321.—Citrus fruits: Production, value, and foreign trade, United States, for season of 1959-60 to 1968-69—Continued

Season <sup>1</sup>	Not utilized <sup>2</sup>	Production <sup>3</sup>	Season average returns per box <sup>4</sup>	Value	Quantities processed <sup>5</sup>	Foreign trade <sup>6</sup>	
						Domestic exports <sup>7</sup>	Imports <sup>8</sup>
TEMPLES							
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes
1959-60		3,900	2.85	11,115	1,360		
1960-61		4,000	3.88	15,520	1,653		
1961-62		4,600	2.63	12,098	2,284		
1962-63		2,000	3.56	7,120	1,172		
1963-64		3,400	5.01	17,034	1,874		
1964-65		3,800	3.34	12,692	1,554		
1965-66		4,500	2.42	10,890	2,010		
1966-67		5,000	1.50	7,500	1,998		
1967-68		4,500	3.55	15,975	1,699		
1968-69 <sup>10</sup>		4,500	3.06	13,770	2,397		

<sup>1</sup> Season begins with the bloom of the first 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 (15 months). 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.

<sup>2</sup> Not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale. When sales represents fruit sold at point other than intake packinghouse door, prices of fruit as sold are converted by additions or subtractions of necessary charges to or from prices of fruit as actually sold. Obtained by weighting State prices by quantity sold.

<sup>5</sup> 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.

<sup>6</sup> Year beginning November for oranges and lemons; year beginning September for grapefruit; year beginning July for limes.

<sup>7</sup> Exports reported in pounds which are converted to boxes on the following basis: Oranges, 84 pounds per box; grapefruit, 76 pounds per box; lemons, 79 pounds per box.

<sup>8</sup> Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 78 pounds per box; limes, 80 pounds per box.

<sup>9</sup> Includes small quantities of tangerines in Louisiana, Texas, Arizona (prior to 1964), and California prior to 1961; excludes Florida temples, except for foreign trade.

<sup>10</sup> Preliminary.

<sup>11</sup> Less than 500 boxes.

<sup>12</sup> Florida only, prior to 1961. Includes California beginning in 1961, and Arizona in 1964.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-58 in *Agricultural Statistics, 1967*, table 322.

## FOOTNOTES FOR TABLE 322—CONTINUED

<sup>4</sup> Navel and miscellaneous varieties in California and Arizona. Early and midseason varieties in Florida and Texas. All varieties in Louisiana. Includes small quantities of tangerines in Texas and Louisiana.

<sup>5</sup> Net content of box varies. Approximate averages are as follows: Oranges—California and Arizona, 75 pounds; Florida and other States, 90 pounds; grapefruit—California Desert Valleys and Arizona, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—California and Arizona, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

Statistical Reporting Service.



Table 322.—Citrus fruits: Production and season average returns per box, by States, 1966-67 to 1968-69

Crop and State	Production of crop for season <sup>1</sup> of—			Price <sup>2</sup> of crop for season of—		
	1966-67	1967-68	1968-69 <sup>2</sup>	1966-67	1967-68	1968-69
<b>ORANGES</b>						
Early, midseason, and Navel varieties: <sup>4</sup>	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
California.....	17,025	9,150	18,600	3.20	4.33	3.07
Florida.....	73,200	51,400	69,700	1.44	2.59	2.51
Texas.....	1,640	970	2,800			
Arizona.....	860	880	1,270	3.72	6.43	3.50
Total above varieties <sup>5</sup> .....	92,725	62,400	92,370			
<b>Valencia:</b>						
California.....	19,775	10,000	25,700	2.56	4.44	1.95
Florida.....	66,300	49,100	60,000	1.72	3.02	2.95
Texas.....	1,060	830	1,700			
Arizona.....	3,050	2,240	4,110	2.04	4.03	1.81
Total Valencia <sup>5</sup> .....	90,185	62,170	91,510			
<b>All oranges:</b>						
California.....	36,800	19,150	44,300	2.85	4.39	2.42
Florida.....	139,500	100,500	129,700	1.57	2.80	2.71
Texas.....	2,700	1,800	4,500	1.31	2.19	1.86
Arizona.....	3,910	3,120	5,380	2.41	4.71	2.21
United States, all oranges <sup>5</sup> .....	182,910	124,570	183,880	1.85	3.08	2.60
<b>GRAPEFRUIT</b>						
Florida.....	43,600	32,900	39,900	1.31	2.63	1.46
Seedless.....	30,100	23,700	27,700	1.37	2.84	1.59
Other than seedless.....	13,500	9,200	12,200	1.19	2.07	1.17
Texas.....	5,400	2,800	6,700	1.15	2.17	1.46
Arizona.....	1,680	3,740	2,510	1.55	1.83	1.91
California.....	4,996	4,618	5,060	2.11	2.61	2.01
Desert Valleys.....	2,696	2,918	3,260	1.67	2.52	1.54
Other areas.....	2,300	1,700	1,800	2.63	2.76	2.86
United States, all grapefruit <sup>5</sup> .....	55,676	44,058	54,170	1.37	2.53	1.53
<b>LEMONS</b>						
California.....	15,100	13,600	12,300	3.33	3.96	4.69
Arizona.....	2,810	3,250	3,510	2.99	3.39	2.84
United States, lemons <sup>5</sup> .....	17,910	16,850	15,810	3.28	3.85	4.28
<b>LIMES</b>						
Florida.....	420	720	700	6.41	4.47	4.50
<b>TANGELOS</b>						
Florida <sup>5</sup> .....	1,700	1,700	1,800	2.34	4.00	3.33
<b>TANGERINES</b>						
Florida.....	4,100	2,800	3,400	2.30	5.71	3.87
Arizona.....	200	150	170	5.18	4.22	4.35
California.....	600	560	640	3.41	5.18	4.46
United States, tangerines <sup>5</sup> .....	4,900	3,510	4,210	2.55	5.56	3.98
<b>TEMPLES</b>						
Florida <sup>5</sup> .....	5,000	4,500	4,500	1.50	3.55	3.06

<sup>1</sup> Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in early November of the year shown and continues into November of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California Desert Valleys and for all other States, begins in the fall and ends by early summer. Harvest of other California grapefruit extends from early summer of the year after bloom through September. California lemons are harvested from November through the following calendar year. Florida limes are picked mostly from April through December. Florida tangelos are harvested largely from October through April. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 boxes): 1966-67—oranges, navel and miscellaneous—Texas, 60; oranges, Valencia—Texas, 40; grapefruit—Texas, 200; tangelos—Florida, 100; tangerines—Florida, 1,500; 1968-69—tangerines—Florida, 900.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale. When sale represents fruit sold at point other than packinghouse door, prices of fruit as sold are converted by additions or subtractions of necessary charges to or from prices of fruit as actually sold.

Footnotes continued on page 222.

Table 323.—Citrus fruits: Production in specified countries, 1967–69<sup>1</sup>

Commodity and country	1967	1968	1969 <sup>2</sup>	Commodity and country	1967	1968	1969 <sup>2</sup>
<b>ORANGES, INCLUDING TANGERINES</b>				<b>GRAPEFRUIT—continued</b>			
	<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>
North America:				South America:			
British Honduras	940	908	643	Argentina	2,254	2,315	3,059
Jamaica	2,800	2,500	2,900	Surinam	175	186	190
Mexico	27,778	28,313	29,510	Total	2,429	2,501	3,249
Trinidad and Tobago	301	318	357				
United States	165,732	237,042	235,088	Other Southern Hemisphere:			
Total	197,551	269,081	268,498	Australia	254	208	236
Mediterranean area:				New Zealand	77	77	80
Algeria	11,800	12,900	13,200	South Africa, Republic of	2,450	3,030	2,838
Cyprus	2,707	3,464	3,616	Total	2,781	3,315	3,154
Greece	6,607	11,171	14,708				
Israel	29,931	27,275	29,290	Southern Hemisphere	5,210	5,816	6,403
Italy	45,308	52,995	51,336				
Lebanon	4,176	4,271	4,504	World total	60,512	71,785	70,225
Morocco	24,446	22,670	27,588				
Spain	65,382	54,529	65,878	<b>LEMONS</b>			
Tunisia	1,600	2,200	1,800	North America:			
Turkey	14,204	17,070	14,456	United States	16,868	15,842	16,789
Total	206,161	208,545	226,376				
Far East:				Mediterranean area:			
Japan	61,688	89,213	86,105	Algeria	400	500	500
China (Taiwan)	4,603	5,000	5,200	Cyprus	639	696	737
Total	66,291	94,213	91,305	Greece	2,701	1,978	3,000
				Israel	1,164	944	986
Northern Hemisphere	470,003	571,839	586,179	Italy	19,444	23,392	21,176
				Lebanon	1,450	1,450	1,508
South America:				Morocco	145	141	145
Argentina	23,772	25,699	32,408	Spain	3,234	2,310	3,018
Brazil	49,183	49,799	51,273	Tunisia	330	290	300
Chile	1,257	1,370	1,260	Turkey	2,611	3,771	3,336
Surinam	351	361	370	Total	32,118	35,472	34,706
Total	74,563	77,229	85,311	Northern Hemisphere	48,986	51,314	51,495
Other Southern Hemisphere:							
Australia	7,085	8,229	7,406	South America:			
South Africa, Republic of	16,350	14,706	14,883	Argentina	2,164	5,192	5,628
Total	23,435	22,935	22,289	Chile	914	1,102	1,015
				Total	3,078	6,294	6,643
Southern Hemisphere	97,998	100,164	107,600	Other Southern Hemisphere:			
World total	568,001	672,003	693,779	Australia	571	628	505
				New Zealand	64	67	79
				South Africa, Republic of	368	479	485
				Total	1,003	1,174	1,069
				Southern Hemisphere	4,081	7,468	7,712
				World total	53,067	58,782	59,207
<b>GRAPEFRUIT</b>							
North America:							
British Honduras	233	281	200				
Jamaica	677	619	590				
Mexico	328	344	390				
Trinidad and Tobago	502	446	450				
United States	44,535	55,215	52,970				
Total	46,275	56,905	54,600				
Mediterranean area:							
Algeria	128	137	140				
Cyprus	985	1,175	1,232				
Israel	7,325	7,225	7,440				
Morocco	413	348	220				
Spain	176	179	190				
Total	9,027	9,064	9,222				
Northern Hemisphere	55,302	65,969	63,822				

See footnotes on page 225.

Table 324.—Canned citrus juices, single strength: United States packs, 1959-68

Season beginning November	Orange juice				Blended orange and grapefruit juice				Tan- gerine and tan- gerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>
1959.....	15,128	656	498	16,282	4,382	115	50	4,547	232
1960.....	10,798	464	684	11,946	3,101	40	93	3,234	553
1961.....	13,762	380	822	14,964	3,863	23	47	3,933	262
1962.....	11,212	611	( <sup>2</sup> )	11,823	3,117	16	( <sup>2</sup> )	3,133	317
1963.....	7,682	510	( <sup>2</sup> )	8,192	2,416	157	( <sup>2</sup> )	2,573	221
1964.....	10,334	465	( <sup>2</sup> )	10,799	2,435	77	( <sup>2</sup> )	2,512	187
1965.....	11,363	699	52	12,114	2,684	227	( <sup>2</sup> )	2,911	62
1966.....	14,412	1,381	548	16,341	3,311	373	54	3,738	156
1967.....	9,817	320	277	10,414	2,043	110	( <sup>2</sup> )	2,187	49
1968.....	11,386	1,140	927	13,453	2,295	214	( <sup>2</sup> )	2,578	92

<sup>1</sup> Equivalent cases of 24 No. 2 cans.

<sup>2</sup> No pack reported.

<sup>3</sup> Pack data not available.

Economic Research Service. Based on data obtained from various canners' associations and individual canners. Data for 1944-58 in *Agricultural Statistics, 1967*, table 326.

## FOOTNOTES FOR TABLE 323

<sup>1</sup> Harvesting in Northern Hemisphere countries begins in November of the year shown, and in Southern Hemisphere countries begins in May following the year shown. Production in foreign countries converted to boxes of the following weights: Oranges, 70 pounds; grapefruit, 80 pounds; and lemons, 76 pounds.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 325.—Concentrated citrus juices: Annual packs by producing areas, 1959–68

Season beginning November	Frozen concentrated juice, 42° Brix				Frozen concentrate for lemonade, California-Arizona <sup>1</sup>	Nonfrozen concentrated juice	
	Orange		Grapefruit, Florida	Blend, Florida		Orange 65° Brix, Florida	Grapefruit 60° Brix, Florida
	California-Arizona <sup>1</sup>	Florida					
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	
1959	2,952	77,999	1,613	284	14,750	378	27
1960		84,374	3,841	256	8,450	155	20
1961	2,369	115,866	3,163	267		278	116
1962		51,648	2,323	53		54	36
1963		53,674	2,573	130		41	21
1964		88,869	4,000	70		70	55
1965		276,695	3,971	50		49	31
1966		131,755	5,485	29		119	32
1967		83,697	1,814	10		22	
1968		103,750	5,920	36		31	39

<sup>1</sup> Data not available for years where no data are shown.

<sup>2</sup> Beginning 1965, basis 45° Brix. Includes concentrated orange juice for manufacture.

Economic Research Service. Based on data obtained from various canners' associations and individual canners. Data for 1944-58 in *Agricultural Statistics, 1967*, table 327.

Table 326.—Citrus products: United States exports by kind, 1959–68

Year beginning November	Orange juice			Grapefruit juice			Blended juices	Grapefruit sections
	Single strength	Concentrate		Single strength	Concentrate			
		Hot pack	Frozen		Hot pack	Frozen		
	1,000 cases <sup>1</sup>	1,000 gallons	1,000 gallons	1,000 cases <sup>1</sup>	1,000 gallons	1,000 gallons	1,000 cases <sup>1</sup>	1,000 cases <sup>2</sup>
1959	2,846	801	4,595	1,390	145	134	957	413
1960	1,926	1,003	4,202	1,764	272	193	810	453
1961	2,609	1,148	4,905	2,165	173	264	782	354
1962	1,888	982	3,602	1,656	138	193	797	211
1963	1,142	965	2,464	811	185	181	459	147
1964	1,315	894	2,807	1,231	192	201	306	105
1965	1,844	842	3,060	915	165	251	343	128
1966	3,266	958	4,418	1,576	153	284	440	83
1967	3,878	724	4,226	1,315	188	355	289	92
1968	2,730	770	4,227	1,537	206	728	208	84

<sup>1</sup> Cases of 3.4 United States gallons.

<sup>2</sup> Equivalent cases of 24 No. 2 cans.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1952-58 in *Agricultural Statistics, 1967*, table 328.

Table 327.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1959-68

Season beginning November	Sections			Juice, single strength			
	Florida	Texas	Total	Florida	Texas	California and Arizona	Total
	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>	<i>1,000 cases<sup>1</sup></i>
1959.....	4,004	29	4,033	9,323	1,408	596	11,327
1960.....	4,326	29	4,355	9,131	1,509	335	10,975
1961.....	4,209	13	4,222	10,190	375	663	11,228
1962.....	2,613	( <sup>2</sup> )	2,613	8,864	( <sup>2</sup> )	581	9,445
1963.....	3,063	( <sup>2</sup> )	3,063	5,143	( <sup>2</sup> )	1,162	6,305
1964.....	3,606	( <sup>2</sup> )	3,606	9,770	( <sup>2</sup> )	1,157	10,927
1965.....	4,002	( <sup>2</sup> )	4,002	12,090	610	1,126	13,826
1966.....	4,756	( <sup>2</sup> )	4,756	17,844	1,767	1,380	20,991
1967.....	3,412	( <sup>2</sup> )	3,412	13,300	750	1,776	15,826
1968.....	3,396	( <sup>2</sup> )	3,396	15,445	3,066	2,024	20,535

<sup>1</sup> Equivalent cases of 24 No. 2 cans.

<sup>2</sup> No pack reported.

Economic Research Service. Based on data obtained from various canners' associations and individual canners. Data for 1944-58 in *Agricultural Statistics, 1967*, table 329.

Table 328.—Oranges, fresh: United States exports by country of destination, 1966-68

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1966	1967	1968		1966	1967	1968
	<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>
Europe:				Other countries:			
Belgium and Luxembourg.....	620	97	124	Canada.....	5,101	3,361	4,507
France.....	406	24	450	Hong Kong.....	1,040	664	1,317
Germany, West.....	80	6	76	Japan.....	70	64	92
Ireland.....	13		11	Malaysia.....	124	5	73
Netherlands.....	1,037	146	1,479	Nansei and Nanpo Islands...	75	65	90
Norway.....	167	8	149	Netherlands Antilles.....	50	31	30
Sweden.....	88	7	50	New Zealand.....	27		71
United Kingdom.....	231	6	75	Philippines.....	65	45	60
Others.....	484	6	49	West Indies.....	37	40	36
Total.....	3,126	300	2,463	Others.....	28	29	25
Latin American Republics:				Total.....	6,617	4,304	6,301
Mexico.....	42	16	18	Grand total.....	9,787	4,621	8,783
Others.....	2	1	1				
Total.....	44	17	19				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 329.—Citrus fruits: International trade, 1966-68

Continent and country	1966		1967		1968	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>ORANGES</b>						
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>
Canada.....		5,919		6,315		5,478
Dominican Republic.....	4		1			
Jamaica.....	76		137		60	
Mexico.....	807		938		1,464	
Trinidad and Tobago.....	45		45		48	
United States.....	6,785	702	7,951	645	4,006	1,691
Total.....	7,717	6,621	9,072	6,960	5,578	7,169
South America:						
Argentina.....	9		22		30	
Brazil.....	2,499		2,832		2,283	
Peru.....		50				
Surinam.....	129		85		102	
Total.....	2,637	50	2,939		2,415	
Europe:						
Austria.....	3	2,446	1	2,557	5	2,609
Belgium and Luxembourg.....	218	4,554	383	4,574	366	4,531
Denmark.....	31	1,517	33	1,348	25	1,318
Finland.....		1,302		1,340		1,297
France.....	594	24,954	353	23,153	329	21,040
Germany, West.....	10	25,889	16	23,841	122	23,792
Greece.....	2,706		3,025		3,556	
Ireland.....		578		566		574
Italy.....	4,622		5,467	1	5,503	2
Netherlands.....	130	7,229	279	7,535	863	8,031
Norway.....		1,918		1,698		1,913
Spain <sup>1</sup> .....	39,833		36,910		32,166	
Sweden.....	42	3,639	44	3,432	42	3,449
Switzerland.....	4	3,069	5	2,899	4	3,027
United Kingdom.....		12,666		12,469		12,581
Yugoslavia.....		1,749		2,076		1,797
Total.....	48,193	91,510	46,516	87,489	42,981	85,961
Africa:						
Algeria.....	4,040		4,500		5,600	
United Arab Republic.....	232					
Morocco.....	13,330		15,383		17,808	
Mozambique.....	147					
South Africa, Republic of.....	9,846		8,845		9,311	
Tunisia.....	924		1,247		635	
Total.....	28,519		29,975		33,354	
Asia:						
Cyprus.....	1,599		2,043		2,395	
Hong Kong.....	128	2,056	90	2,349	82	2,176
Israel and Palestine.....	13,655		16,618		11,996	
Japan.....	591		616		738	
Lebanon.....	2,395		2,635		3,051	
Malaysia.....	96	1,367	300	1,427	350	847
Philippines.....		105		113		
Syria.....		1,300		1,493		1,725
Turkey.....	723		762		945	
Total.....	19,187	4,828	23,064	5,382	19,557	4,748
Oceania:						
Australia <sup>2</sup> .....	805		730		912	
New Zealand.....		564		498		523
Total.....	805	564	730	498	912	523
Grand total.....	107,058	103,573	112,296	100,329	104,797	98,401

See footnotes at end of table.

Table 329.—Citrus fruits: International trade, 1966-68—Continued

Continent and country	1966		1967		1968	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>GRAPEFRUIT</b>						
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>
Canada .....		1,772		2,266		1,918
Dominica .....	39					
Jamaica .....	85		99		135	
Trinidad and Tobago .....	138		125		72	
United States .....	2,751	3	3,299	21	2,259	48
Total .....	3,013	1,775	3,523	2,287	2,466	1,966
South America:						
Surinam .....	104		98		79	
Europe:						
Belgium and Luxembourg .....	13	271	27	311	27	332
Denmark .....	2	101	10	101		92
Finland .....		61		60		65
France .....	13	1,133	28	1,299	15	1,487
Germany, West .....		1,673	2	1,730	43	2,051
Netherlands .....	13	531	5	432	44	580
Sweden .....	3	125	3	127	1	113
United Kingdom .....		2,111		2,234		2,560
Total .....	44	6,006	75	6,294	130	7,280
Africa:						
Algeria .....	30		40		20	
Morocco .....			126		39	
Mozambique .....	131					
South Africa, Republic of .....	1,319		1,309		1,591	
Total .....	1,480		1,475		1,650	
Asia:						
Cyprus .....	551		904		917	
Israel and Palestine .....	3,090		3,415		4,267	
Total .....	3,641		4,319		5,184	
Oceania:						
New Zealand .....		8		8		6
Grand total <sup>3</sup> .....	8,282	7,789	9,490	8,589	9,509	9,252
<b>LEMONS</b>						
North America:						
Canada .....		427		466		450
United States .....	3,290	2	3,348	1	3,490	
Total .....	3,290	429	3,348	467	3,490	450
Europe:						
Austria .....	5	713	1	700		722
Belgium and Luxembourg .....		455	8	459	14	497
Denmark .....	8	205	10	202	11	204
Finland .....		88		103		99
France .....	8	2,668	12	2,730	14	2,788
Germany, West .....	6	4,016	3	3,855	18	3,977
Greece .....	1,364		1,492		806	
Ireland .....		80		96		100
Italy .....	9,662		9,290		10,366	
Netherlands .....	4	286	9	290	89	367
Spain .....	1,236		1,648		999	
Sweden .....	1	169	2	175	6	185
Switzerland .....	1	533		518	1	523
United Kingdom .....		971		983		999
Yugoslavia .....		745		892		774
Total .....	12,295	10,929	12,475	11,003	12,324	11,235

See footnotes at end of table.

Table 329.—Citrus fruits: International trade, 1966-68—Continued

Continent and country	1966		1967		1968	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>LEMONS—continued</b>						
Africa:	<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>
Algeria.....	28		16		10	
Morocco.....	117		84		71	
South Africa, Republic of.....	233		188		192	
Tunisia.....	268		134		118	
Total.....	646		422		391	
Asia:						
Cyprus.....	291		452		663	
Israel and Palestine.....	450		465		574	
Japan.....		672		857		1,042
Lebanon.....	1,075		1,157		983	
Syria.....		375		360		272
Turkey.....	509		578		725	
Total.....	2,325	1,047	2,652	1,217	2,945	1,314
Oceania:						
New Zealand.....		1		6		3
Grand total <sup>3</sup> .....	18,556	12,406	18,897	12,693	19,150	13,002

<sup>1</sup> Includes Canary Islands.<sup>2</sup> Year beginning July 1.<sup>3</sup> Does not include imports into Soviet Bloc countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 330.—Dates: Production, season average price per ton, value, and imports, United States, 1954-69<sup>1</sup>

Year	California			Imports, year be- ginning July	Year	California			Imports- year be, ginning July
	Produc- tion	Price <sup>2</sup>	Value			Produc- tion	Price <sup>2</sup>	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>
1954.....	15,400	94	1,448	22,186	1962.....	24,200	156	3,775	16,199
1955.....	25,300	99	2,505	20,479	1963.....	22,100	129	2,851	19,733
1956.....	19,200	105	2,016	22,101	1964.....	24,300	148	3,596	18,507
1957.....	23,300	113	2,633	23,226	1965.....	21,000	110	2,310	14,540
1958.....	19,600	109	2,136	17,942	1966.....	21,300	144	3,067	14,429
1959.....	26,000	128	3,328	16,814	1967.....	20,800	151	3,141	12,975
1960.....	22,100	123	2,718	17,685	1968.....	23,000	163	3,749	13,782
1961.....	21,400	150	3,210	16,044	1969 <sup>3</sup> .....	17,100	162	2,770	.....

<sup>1</sup> Production, price, and value for California only. Production of dates was also reported in Arizona in the 1964 Census of Agriculture, but of the total production 99.3 percent was in California.<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Imports from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 332.



**Table 331.—Cranberries: Acreage, yield, production, season average price per barrel, value, and quantities processed, United States, 1954-69<sup>1</sup>**

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price <sup>3</sup>	Value	Quantities processed <sup>4</sup>	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price <sup>3</sup>	Value	Quantities processed <sup>4</sup>
	<i>Acres</i>	<i>Bbl.<sup>5</sup></i>	<i>Bbl.<sup>5</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>	<i>Bbl.<sup>5</sup></i>		<i>Acres</i>	<i>Bbl.<sup>5</sup></i>	<i>Bbl.<sup>5</sup></i>	<i>Dol.</i>	<i>1,000 dol.</i>	<i>Bbl.<sup>5</sup></i>
1954...	22,970	44.3	1,018,500	10.70	10,926	579,800	1962...	20,570	64.4	1,324,500	10.80	12,803	660,800
1955...	22,270	46.1	1,025,800	8.24	8,450	517,100	1963...	20,120	62.4	1,254,500	11.90	14,458	792,100
1956...	21,520	45.9	987,700	8.83	8,561	519,600	1964...	20,620	65.2	1,344,500	14.40	19,137	884,300
1957...	21,240	49.4	1,050,000	11.20	11,722	618,900	1965...	20,640	69.6	1,436,800	15.50	22,072	1,033,200
1958...	20,820	55.7	1,165,600	11.60	13,537	705,900	1966...	20,760	77.0	1,598,600	15.60	24,561	1,249,600
1959...	21,290	58.8	1,251,700	9.06	11,167	357,800	1967...	21,220	66.2	1,404,300	15.50	21,832	1,034,900
1960...	21,140	63.4	1,340,700	8.33	11,805	845,100	1968...	21,135	69.4	1,467,800	16.50	24,227	1,111,200
1961...	21,440	57.7	1,236,400	8.58	10,604	596,500	1969 <sup>6</sup> ...	21,185	86.1	1,823,100	16.30	29,693	1,417,900

<sup>1</sup> Estimates relate to Massachusetts, New Jersey, Wisconsin, Washington, and Oregon.

<sup>2</sup> Includes shrinkage and the following quantities unharvested and excess cullage of harvested fruit (1,000 barrels): 18 in 1956, 4 in 1960, and 1 in 1961. In 1959, includes 18,900 barrels unharvested, confiscated, and dumped which did not qualify for payment under the Cranberry Payment Program, AMM, 181a. Includes cranberries dumped, used for charity, or used for experimental purposes under provisions of the Cranberry Marketing Order as follows (1,000 barrels): 143 in 1962 and 44 in 1963.

<sup>3</sup> Obtained by weighting State prices by quantity sold. Equivalent returns for fruit at the first receiving station. For 1959, includes returns to growers for cranberries dumped which qualified for payment under the Cranberry Payment Program, AMM, 181a.

<sup>4</sup> Mainly for canning.

<sup>5</sup> Barrels of 100 pounds.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 333.

**Table 332.—Cranberries: Acreage, yield, production, and season average price per barrel, by States, 1967-69**

State	Acreage harvested			Yield per acre			Production <sup>2</sup>			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Barrels</i>	<i>Barrels</i>	<i>Barrels</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Massachusetts...	11,400	11,000	11,100	50.3	60.0	68.0	573,000	660,000	755,000	15.90	16.60	16.50
New Jersey.....	3,200	3,300	3,000	49.1	47.0	53.3	157,000	155,000	160,000	14.70	16.70	16.30
Wisconsin.....	5,000	5,200	5,400	94.0	84.2	138.1	470,000	438,000	746,000	15.20	16.20	16.00
Washington.....	1,000	1,000	1,000	139.0	163.0	105.0	139,000	163,000	105,000	16.00	16.70	16.60
Oregon.....	620	635	685	105.3	81.6	83.4	65,300	51,800	57,100	16.00	16.70	16.60
United States	21,220	21,135	21,185	66.2	69.4	86.1	1,404,300	1,467,800	1,823,100	15.50	16.50	16.30

<sup>1</sup> Preliminary.

<sup>2</sup> Production includes shrinkage.

<sup>3</sup> Barrels of 100 pounds.

Statistical Reporting Service.

Table 333.—Figs: Production, season average price per ton, value, and foreign trade, United States, 1954-69

Year	California											Foreign trade, year beginning July (dried figs)	
	Dried (dry basis)				Fresh and canned				Total			Imports for consumption <sup>4</sup>	Domestic exports
	Production			Price	Value	Production (fresh basis)	Price <sup>1</sup>	Value	Production (fresh basis) <sup>2</sup>	Price <sup>1,3</sup>	Value		
	Total	Standard	Sub-standard										
	Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons
1954...	25,600	20,880	4,720	166.00	4,250	11,000	109.00	1,199	87,800	62.00	5,449	3,251	656
1955...	25,400	22,610	2,790	205.00	5,207	12,000	115.00	1,380	88,200	74.60	6,587	2,378	693
1956...	24,800	20,480	4,320	139.00	3,447	12,000	115.00	1,380	86,400	55.60	4,827	2,707	715
1957...	22,700	19,000	3,700	169.00	3,836	10,000	120.00	1,200	78,100	64.30	5,036	2,121	714
1958...	23,200	18,740	4,460	194.00	4,501	11,000	125.00	1,375	80,600	57.10	5,876	2,730	799
1959...	19,100	16,590	2,510	217.00	4,125	6,600	166.00	1,096	63,900	82.00	5,241	1,789	719
1960...	17,200	15,900	1,300	230.00	3,956	8,500	158.00	1,343	60,100	88.20	5,299	2,404	841
1961...	18,500	16,200	2,300	196.00	3,626	7,700	165.00	1,270	63,200	77.50	4,896	2,556	859
1962...	20,400	18,700	1,700	204.00	4,162	10,000	162.00	1,620	71,200	81.20	5,782	2,644	803
1963...	18,500	15,300	3,200	192.00	3,552	7,600	184.00	1,398	63,100	78.40	4,950	2,561	730
1964...	19,000	16,800	2,200	237.00	4,503	10,000	181.00	1,810	67,000	94.20	6,313	2,471	829
1965...	18,400	14,500	3,900	191.00	3,514	6,000	177.00	1,062	61,200	74.80	4,576	1,807	842
1966...	20,600	18,400	2,200	188.00	3,873	5,900	181.00	1,086	67,800	89.40	4,959	1,677	845
1967...	12,200	10,900	1,300	209.00	2,550	5,600	205.00	1,148	42,200	87.40	3,698	1,385	919
1968...	15,800	13,000	2,800	212.00	3,350	4,200	270.00	1,134	51,600	86.50	4,484	2,341	797
1969 <sup>5</sup> ...	16,400	13,400	3,000	204.00	3,346	5,500	276.00	1,518	54,700	88.60	4,864	.....	.....

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> California dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

<sup>3</sup> Obtained by weighting utilization group or State prices by quantity sold.

<sup>4</sup> Dried only.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1934-53 in *Agricultural Statistics, 1967*, table 335.

Table 334.—Grapes: Production, value, and foreign trade; also raisin production and foreign trade, United States, 1954-69

Year	Grapes						Total value
	Production (fresh basis) <sup>1</sup>			Season average price per ton <sup>2</sup>			
	California	Other States	United States	California <sup>3</sup>	Other States <sup>4</sup>	United States <sup>4</sup>	
	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	1,000 dollars
1954	2,327	236	2,563	46.10	110.00	51.70	133,326
1955	3,020	222	3,242	39.10	102.00	43.20	140,651
1956	2,641	270	2,911	48.10	87.90	51.70	150,886
1957	2,382	206	2,588	59.60	100.00	62.70	162,832
1958	2,741	282	3,023	63.30	111.00	67.60	204,856
1959	2,940	276	3,216	48.40	116.00	54.10	174,529
1960	2,766	303	3,069	48.40	110.00	54.40	167,292
1961	2,967	288	3,255	50.20	108.00	55.30	180,354
1962	2,928	311	3,239	57.10	117.00	62.80	203,631
1963	3,439	293	3,732	46.00	137.00	53.10	198,416
1964	3,145	333	3,478	55.80	129.00	62.80	218,657
1965	3,975	376	4,351	38.90	114.00	44.90	194,457
1966	3,400	309	3,709	50.00	110.00	55.30	206,738
1967	2,700	362	3,069	62.80	118.00	69.30	212,492
1968	3,255	294	3,549	60.30	135.00	66.40	235,827
1969 <sup>5</sup>	3,600	303	3,903	62.20	162.00	69.90	273,110

  

Year	Grapes		Production (California) <sup>7</sup>	Raisins	
	Foreign trade, year beginning July			Foreign trade, year beginning September <sup>8</sup>	
	Domestic exports, fresh	Imports, fresh <sup>6</sup>			Domestic exports <sup>9</sup>
	Tons	Tons	1,000 tons	Tons	Tons
1954	57,040	22,109	168	38,804	44
1955	71,715	21,387	225	85,746	34
1956	72,641	12,687	209	54,602	80
1957	77,355	9,897	163	30,011	60
1958	82,517	15,683	186	25,095	639
1959	94,666	12,085	223	48,060	173
1960	97,181	17,556	194	66,107	120
1961	82,359	13,695	228	70,606	23
1962	100,152	12,197	191	48,649	929
1963	95,040	19,456	266	60,555	528
1964	101,106	25,733	231	60,005	163
1965	131,247	28,125	270	76,238	171
1966	125,173	15,082	280	71,849	229
1967	113,757	23,275	181	74,732	100
1968	119,023	15,884	264	77,742	129
1969 <sup>5</sup>			252		

<sup>1</sup> Production is the quantity sold or utilized. Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 tons): California—61 in 1963; other States—6 in 1957, 0.2 in 1962, 25 in 1965, 0.3 in 1966, and 6.8 in 1967.

<sup>2</sup> Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>3</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

<sup>4</sup> Obtained by weighting State prices by quantity sold.

<sup>5</sup> Preliminary.

<sup>6</sup> Converted on the basis of country data, using the following weight per cubic foot: Argentina and Chile, 36 pounds; Belgium and Netherlands, 10 pounds; Canada, Italy, and Mexico, 40 pounds; Spain, 24 pounds; Republic of South Africa, 16 pounds; and all other, 20 pounds.

<sup>7</sup> Included in total production of grapes, fresh basis; 1 ton of raisins equivalent to about 4 tons of fresh grapes.

<sup>8</sup> Exports and imports of raisins converted to sweatbox, or production basis at the ratio of 1 to 1.08.

<sup>9</sup> Includes currants.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1934-53 in *Agricultural Statistics, 1967*, table 336.

Table 335.—Grapes: Production and season average price per ton, by States, 1967-69

State and division	Production <sup>1</sup>			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	158,000	116,000	121,000	116.00	135.00	181.00
New Jersey.....	1,040	870	960	117.00	136.00	150.00
Pennsylvania.....	51,000	37,400	25,000	101.00	138.00	177.00
North Atlantic.....	210,040	154,270	146,960			
Ohio.....	17,500	10,000	9,300	123.00	135.00	185.00
Michigan.....	39,000	23,000	38,000	112.00	122.00	158.00
Missouri.....	900	3,750	4,500	113.00	132.00	139.00
North Central.....	57,400	36,750	51,800			
North Carolina.....	1,600	2,000	2,200	180.00	186.00	231.00
South Carolina.....	3,800	4,000	4,800	107.00	123.00	157.00
Georgia.....	1,200	1,420	1,150	154.00	151.00	162.00
South Atlantic.....	6,600	7,420	8,150			
Arkansas.....	7,100	8,500	11,000	117.00	121.00	125.00
South Central.....	7,100	8,500	11,000			
Arizona.....	14,300	13,600	15,200	376.00	391.00	250.00
Washington.....	73,600	73,500	69,400	85.00	90.00	110.00
California, all.....	2,700,000	3,255,000	3,600,000	62.80	60.30	62.20
Wine varieties.....	630,000	650,000	775,000	62.10	71.10	80.50
Table varieties.....	435,000	470,000	665,000	61.90	55.80	50.70
Raisin varieties.....	1,635,000	2,135,000	2,160,000	63.50	58.00	59.20
Raisins <sup>4</sup> .....	181,000	264,000	252,000	297.00	263.00	253.00
Not dried.....	884,000	1,025,000	1,148,000	56.40	53.00	55.90
Western.....	2,787,900	3,342,100	3,684,600			
United States.....	3,069,040	3,549,040	3,902,510	69.30	66.40	69.90

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 1967—Pennsylvania, 4,500; Ohio, 2,000; South Carolina, 350.

<sup>2</sup> Preliminary.

<sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Dried basis. 1 ton of raisins is equivalent to 4.02 tons of fresh grapes for 1969; 4.20 tons for 1968; and 4.15 tons for 1967.

Statistical Reporting Service.

Table 336.—Grapes: Production and utilization, United States, 1960–69

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned	Dried	Crushed for wine, juice, etc.
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	
1960.....		3,068,640	8,278	3,060,362	544,373	<sup>3</sup> 40,700	848,000	<sup>3</sup> 1,627,289
1961.....		3,254,930	6,750	3,248,180	485,710	44,000	1,075,900	1,642,570
1962.....	200	3,238,500	6,540	3,231,960	586,468	<sup>3</sup> 43,000	790,200	<sup>3</sup> 1,812,292
1963.....	61,000	3,732,060	5,985	3,726,075	524,437	43,000	1,070,000	2,088,638
1964.....		3,478,000	5,940	3,472,060	545,943	60,000	1,034,800	1,831,317
1965.....	25,300	4,325,960	6,045	4,319,915	593,529	<sup>3</sup> 54,800	1,297,000	<sup>3</sup> 2,374,586
1966.....	300	3,733,340	5,706	3,727,634	591,644	62,000	1,185,700	1,888,290
1967.....	6,850	3,062,190	5,020	3,057,170	461,730	54,000	751,800	1,789,640
1968.....		3,549,040	5,104	3,543,936	552,863	64,000	1,111,100	1,815,973
1969 <sup>4</sup> .....		3,902,510	5,084	3,897,426	557,179	66,300	1,015,200	2,258,747

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Some quantities canned are included with crushed to avoid disclosure of individual operations.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 338.

Table 337.—Grapes: Production and utilization, by States, crop of 1969 (preliminary)

State	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold			
		Home use	Sold	Fresh	Processed (fresh basis)		
					Canned	Dried	Crushed for wine, juice, etc.
Tons	Tons	Tons	Tons	Tons	Tons	Tons	
New York.....	121,000	220	120,780	2,220			118,560
New Jersey.....	960	20	940	165			775
Pennsylvania.....	25,000	204	24,796	1,296			23,500
Ohio.....	9,300	120	9,180	1,125			8,055
Michigan.....	38,000	300	37,700	2,200			35,500
Arkansas.....	11,000	150	10,850	543			10,307
Washington.....	69,400	500	68,900	800			68,100
California, all.....	3,600,000	2,100	3,597,900	531,400	66,300	<sup>2</sup> 1,015,200	1,985,000
Wine.....	775,000	1,000	774,000	63,000			711,000
Table.....	665,000	400	664,600	232,400		3,200	429,000
Raisin.....	2,160,000	700	2,159,300	236,000	66,300	1,012,000	845,000
Other States <sup>3</sup> .....	27,850	1,470	26,380	17,430			8,950
United States.....	3,902,510	5,084	3,897,426	557,179	66,300	<sup>2</sup> 1,015,200	2,258,747

<sup>1</sup> Production is the quantity sold or utilized.

<sup>2</sup> Equivalent raisins produced (dried basis): 252,800 tons.

<sup>3</sup> Missouri, North Carolina, South Carolina, Georgia, and Arizona.

Statistical Reporting Service.

Table 338.—Raisins and currants: United States exports by country of destination, 1966-68

Country of destination	Year beginning July			Country of destination	Year beginning July		
	1966	1967	1968		1966	1967	1968
	Tons	Tons	Tons		Tons	Tons	Tons
Europe:				Latin American Republics—			
Belgium and Luxembourg.....	1,095	932	1,118	Continued			
Denmark.....	3,436	4,184	3,884	Peru.....	753	285	120
Finland.....	2,783	3,937	4,083	Venezuela.....	1,128	1,213	1,153
France.....	461	416	600	Others.....	86	55	43
Germany, West.....	2,128	2,563	2,681	Total.....	5,320	3,934	5,068
Ireland.....	2,180	2,519	1,956				
Netherlands.....	974	1,036	1,271	Other countries:			
Norway.....	1,910	2,052	2,322	Canada.....	7,414	6,575	5,293
Sweden.....	3,405	3,902	3,511	Hong Kong.....	608	620	667
Switzerland.....	991	686	742	Indonesia.....	50	7	19
United Kingdom.....	9,102	10,889	9,846	Israel and Palestine.....	5	7	9
Others.....	567	300	345	Japan.....	18,902	18,578	20,424
Total.....	29,032	33,416	32,359	Malaysia.....	856	906	919
Latin American Republics:				Nansei and Nanpo			
Brazil.....	526	524	428	Islands.....	224	239	404
Colombia.....		14		Netherlands Antilles.....	61	128	72
Costa Rica.....	65	74	67	New Zealand.....	1,259	1,165	1,332
Dominican Republic.....	103	62	149	Philippines.....	1,365	1,880	1,805
Ecuador.....	247	192	238	Vietnam, South.....	70	76	1,039
El Salvador.....	40	26	35	West Indies.....	176	201	206
Guatemala.....	62	51	74	Others.....	1,044	1,834	1,313
Honduras.....	24	26	20	Total.....	32,034	32,216	33,502
Mexico.....	1,975	1,164	2,492	Grand total.....	66,386	69,566	70,929
Nicaragua.....	33	33	27				
Panama.....	280	215	222				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 339.—Nectarines: Production, utilization, and value, California, 1954-69

Crop of—	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold		Season average price per ton <sup>2</sup>	Value
		Home use	Sold	Fresh	Processed (fresh basis)		
	Tons	Tons	Tons	Tons	Tons	Dollars	1,000 dollars
1954.....	18,800	200	18,600	17,900	700	128.00	2,406
1955.....	24,000	200	23,800	23,100	700	148.00	3,552
1956.....	19,000	200	18,800	18,400	400	181.00	3,439
1957.....	36,000	200	35,800	35,200	600	148.00	5,328
1958.....	<sup>3</sup> 31,000	200	30,800	29,200	1,600	149.00	4,619
1959.....	39,000	200	38,800	37,600	1,200	115.00	4,485
1960.....	44,000	200	43,800	43,000	800	106.00	4,664
1961.....	54,000	200	53,800	52,600	1,200	103.00	5,562
1962.....	51,000	200	50,800	49,500	1,300	108.00	5,508
1963.....	57,000	200	56,800	54,800	2,000	94.90	5,409
1964.....	75,000	200	74,800	73,000	1,800	94.50	7,088
1965.....	<sup>3</sup> 64,800	200	64,600	63,500	1,100	86.00	5,573
1966.....	68,000	200	67,800	<sup>4</sup> 67,800	( <sup>1</sup> )	142.00	9,656
1967.....	55,000	200	54,800	<sup>4</sup> 54,800	( <sup>1</sup> )	157.00	8,635
1968.....	64,000	200	63,800	62,900	900	147.00	9,408
1969 <sup>5</sup> .....	66,000	200	65,800	64,800	1,000	140.00	9,240

<sup>1</sup> Production is the quantity sold or utilized.

<sup>2</sup> Fresh fruit prices are equivalent returns at first delivery point. Processing fruit prices are at first delivery point prior to 1963; beginning in 1963, they are equivalent returns at processing plant door.

<sup>3</sup> Excludes 3,000 tons of excess cullage for 1958, and 2,200 tons not harvested for 1965.

<sup>4</sup> Some quantities canned or otherwise processed are included with fresh sales to avoid disclosure of individual operations.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 342.

Table 340.—Olives: Production, value, utilization, and imports, United States, 1954-69<sup>1</sup>

Year	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value	Utilization			Imported, year beginning July			
				Crushed for oil	Canned	Other <sup>4</sup>	Olive oil		Olives	
							Edible	Inedible	In brine	Dried
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	1,000 pounds	1,000 pounds	1,000 gallons	1,000 pounds
1954.....	50,000	166.00	8,300	11,500	29,400	8,200	56,800	3,577	12,626	423
1955.....	36,000	242.00	8,712	3,900	26,700	5,000	52,840	788	13,684	839
1956.....	70,000	178.00	12,460	17,800	38,200	12,600	43,527	18,141	10,327	499
1957.....	37,000	236.00	8,732	3,100	25,000	7,500	47,754	268	12,035	530
1958.....	66,000	101.00	6,666	21,300	33,800	10,100	57,159	347	13,319	628
1959.....	27,000	229.00	6,183	2,300	20,400	3,900	54,692	416	14,412	911
1960.....	66,000	157.00	10,362	7,800	44,300	12,900	53,490	523	14,885	910
1961.....	<sup>4</sup> 4,000	160.00	7,040	7,800	26,100	9,200	55,586	239	15,726	1,024
1962.....	52,000	214.00	11,128	5,700	37,700	7,800	43,904	211	11,950	1,186
1963.....	57,000	198.00	11,286	7,500	39,100	9,600	53,679	672	14,175	1,121
1964.....	54,000	138.00	7,452	6,200	37,500	9,400	54,847	945	15,171	785
1965.....	50,000	220.00	11,000	3,800	37,800	7,500	45,334	224	12,541	922
1966.....	63,000	241.00	15,183	4,800	45,500	11,900	55,293	1,415	14,936	1,041
1967.....	14,000	383.00	5,362	1,470	10,230	2,000	56,608	1,417	13,716	1,514
1968.....	86,000	368.00	31,648	4,600	62,800	18,000	59,940	297	17,066	1,316
1969 <sup>5</sup> .....	70,000	329.00	23,030	5,200	51,700	12,500	.....	.....	.....	.....

<sup>1</sup> Production, price, value, and utilization for California only.

<sup>2</sup> Production is the quantity sold or utilized. In 1958, 2,000 additional tons were not harvested for economic reasons.

<sup>3</sup> Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Includes Spanish, Greek, and Sicilian styles, and chopped, minced, brined, and other cures.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Imports compiled from the reports of the U.S. Department of Commerce. About 40 gallons of oil are obtained from 1 ton of olives in California. Data for 1929-53 in *Agricultural Statistics, 1967*, table 343.

Table 341.—Peaches: Production and season average price per pound, 1967–69

State and division	Production <sup>1</sup>			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	Million pounds ( <sup>4</sup> )	Million pounds	Million pounds	Cents	Cents	Cents
New Hampshire.....		0.8	0.1		10.50	10.50
Massachusetts.....	0.1	2.9	2.6	15.60	10.50	10.50
Rhode Island.....	( <sup>4</sup> )	.6	.7		10.00	9.50
Connecticut.....	.6	6.2	6.3	15.00	12.00	10.50
New York.....	8.0	18.0	20.8	12.90	10.30	8.08
New Jersey.....	50.0	100.5	104.5	12.20	8.20	7.40
Pennsylvania.....	38.4	106.1	120.0	10.30	6.60	5.54
North Atlantic.....	97.1	235.1	255.0			
Ohio.....	10.0	15.0	28.0	11.90	9.68	8.45
Indiana.....	7.2	5.5	11.0	11.20	9.10	7.90
Illinois.....	27.7	16.0	25.2	6.60	6.80	6.60
Michigan.....	68.5	34.5	97.0	9.67	8.40	5.00
Missouri.....	15.4	18.0	21.6	6.56	6.88	6.56
Kansas.....	3.6	6.2	9.5	9.00	8.50	7.40
North Central.....	132.4	95.2	192.3			
Delaware.....	2.4	3.5	4.0	11.20	7.85	7.70
Maryland.....	8.2	20.5	22.0	10.60	7.93	6.90
Virginia.....	24.5	50.0	44.7	7.80	4.90	4.90
West Virginia.....	5.8	21.6	27.4	9.48	5.32	4.95
North Carolina.....	40.0	77.8	56.0	8.99	6.58	6.74
South Carolina.....	171.0	400.0	338.0	9.40	4.70	5.20
Georgia.....	145.1	234.5	175.2	8.18	5.72	7.02
South Atlantic.....	397.0	807.9	667.3			
Kentucky.....	10.2	16.3	16.5	8.05	7.50	7.10
Tennessee.....	9.1	6.7	9.4	6.04	6.46	6.04
Alabama.....	50.0	39.0	50.0	6.90	6.55	7.85
Mississippi.....	17.5	12.5	17.5	6.00	6.53	7.00
Arkansas.....	52.0	36.4	42.0	8.13	6.17	6.50
Louisiana.....	9.0	7.3	7.5	9.10	9.20	10.60
Oklahoma.....	10.1	10.0	12.0	5.83	6.40	6.34
Texas.....	28.8	30.2	32.3	7.90	7.70	7.20
South Central.....	186.7	158.4	187.2			
Idaho.....	12.1	6.5	15.0	6.10	7.00	8.40
Colorado.....	6.3	31.6	32.8	10.40	5.60	7.30
Utah.....	13.0	16.0	15.0	5.94	5.30	5.56
Washington.....	41.3	27.0	4.8	8.27	10.80	10.30
Oregon.....	11.0	5.0	16.0	8.20	11.90	6.30
California:						
Clingstone <sup>5</sup> .....	1,376.0	1,708.0	1,800.0	4.88	4.62	4.64
Freestone.....	412.0	500.0	480.0	5.66	5.78	4.97
Western.....	1,871.7	2,294.1	2,363.6			
United States.....	2,684.9	3,590.7	3,665.4	6.36	5.44	5.35

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (million pounds): 1967—Illinois, 0.3; Georgia, 3.7; Louisiana, 0.2; Idaho, 0.4; Colorado, 0.4; Washington, 0.7; 1968—New Jersey, 19.5; North Carolina, 7.2; South Carolina, 16.0; Georgia, 17.5; Colorado, 6.4; Washington, 2.6; 1969—New Jersey, 13.5; Illinois, 0.8; Michigan, 20.0; Virginia, 2.8; North Carolina, 3.0; Colorado, 6.7.

<sup>2</sup> Preliminary.

<sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Production too small to warrant quantitative estimate.

<sup>5</sup> Mainly for canning. Includes culls and cannery diversions as follows (million pounds): 157.6 in 1967, 172.6 in 1968, and 228.0 in 1969.

Statistical Reporting Service.



Table 342.—Peaches: Production, value, and domestic exports, United States, 1959-69

Year	Not utilized <sup>1</sup>	Production <sup>2</sup>	Season average price <sup>3</sup>	Value	Domestic exports, year beginning July					
					Fresh	Dried <sup>4</sup>	Canned	Canned, in fruit salad <sup>5</sup>	Dried, in fruit salad <sup>4,6</sup>	Total in terms of fresh <sup>7</sup>
					1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels
	<i>Millions pounds</i>	<i>Millions pounds</i>	<i>Cents per pound</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 bushels</i>
1959		5,300.2								
1959	149.3	3,552.4	3.97	137,432	27,471	1,357	159,542	32,941	1,455	4,938
1960	125.4	3,555.9	3.84	133,519	54,592	1,429	189,295	38,196	1,159	6,204
1961	207.5	3,703.4	3.95	141,150	33,565	1,318	238,023	50,246	1,502	7,062
1962	224.3	3,547.8	3.87	131,798	29,939	1,377	286,325	58,565	1,700	8,284
1963	121.4	3,510.5	4.35	149,024	25,372	776	215,056	51,043	1,247	6,328
1964		3,169.7								
1964	176.3	3,428.7	4.59	151,153	20,089	1,018	236,595	67,980	1,313	7,059
1965	323.5	3,522.0	4.54	144,641	36,983	1,133	201,121	53,567	1,654	6,399
1966	194.5	3,379.6	5.27	169,752	26,813	1,260	229,094	61,157	1,142	6,884
1967	73.3	2,684.9	6.36	161,155	26,432	702	88,861	37,903	1,057	3,395
1968	69.2	3,590.7	5.44	186,260	38,115	267	114,887	44,792	826	4,247
1969 <sup>8</sup>	46.8	3,665.4	5.35	184,451						

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized except for California Clingstone which includes the following quantities of cannery diversions and culls (million pounds): 104.0 in 1959, 98.0 in 1960, 141.0 in 1961, 160.8 in 1962, 92.4 in 1963, 152.4 in 1964, 178.0 in 1965, 169.6 in 1966, 157.6 in 1967, 172.6 in 1968, and 228.0 in 1969.

<sup>3</sup> Obtained by weighting State prices by quantity sold. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Net processed weight.

<sup>5</sup> Canned peaches are 40 percent of total canned fruit for salad.

<sup>6</sup> Dried peaches are 21 percent of total dried fruit for salad.

<sup>7</sup> Beginning June 1965, exports of dried fruit converted to unprocessed dry weight by dividing by 1.08 (1.07 prior to June 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh (6.5 prior to June 1965). Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh.

<sup>8</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census of harvested production. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-58 in *Agricultural Statistics, 1967*, table 344.

Table 343.—Peaches, fresh: Production in specified countries, 1967-69

Continent and country	1967	1968	1969 <sup>1</sup>	Continent and country	1967	1968	1969 <sup>1</sup>
	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>		<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>	<i>1,000 bushels<sup>2</sup></i>
North America:				Africa:			
Canada	1.6	1.9	1.8	South Africa, Republic of	6.1	6.3	6.5
Mexico	3.5	3.5	3.6				
United States	56.1	76.2	77.6	Asia:			
Total	61.2	81.6	83.0	Japan	13.1	13.6	14.0
South America:				Turkey	4.7	4.5	3.7
Argentina	10.3	11.9	10.8	Total	17.8	18.1	17.7
Chile	2.1	2.0	1.8	Oceania:			
Total	12.4	13.9	12.6	Australia	6.3	5.8	5.7
Europe:				New Zealand	1.2	1.3	1.4
Austria	.4	.4	.4	Total	7.5	7.1	7.1
France	18.6	28.2	24.1	Total specified countries	190.8	237.1	212.7
Germany, West	1.0	2.6	1.4				
Greece	5.2	6.6	6.3				
Italy	51.7	60.4	42.5				
Spain	6.4	9.7	8.6				
Yugoslavia	2.5	2.2	2.5				
Total	85.8	110.1	85.8				

<sup>1</sup> Preliminary.

<sup>2</sup> 48 pounds.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 344.—Peaches: Production and utilization, United States, 1960–69

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh <sup>3</sup>	Processed (fresh basis)			
						Canned <sup>4</sup>	Dried	Frozen	Other <sup>5</sup>
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
1960.....	27.4	3,555.9	68.1	3,389.8	1,682.2	1,528.3	71.6	100.1	7.6
1961.....	66.5	3,703.4	66.0	3,496.4	1,725.6	1,614.4	57.8	89.0	9.6
1962.....	63.5	3,547.8	53.1	3,333.9	1,475.1	1,687.3	82.4	79.1	10.0
1963.....	29.0	3,510.5	46.0	3,372.1	1,408.6	1,784.4	76.6	90.7	11.8
1964.....	23.9	3,428.7	41.2	3,235.1	1,110.0	1,939.6	67.4	106.9	11.2
1965.....	145.5	3,352.0	45.2	3,128.8	1,311.7	1,648.2	70.6	82.6	15.7
1966.....	24.9	3,379.6	41.3	3,168.7	1,196.7	1,828.8	44.0	88.2	11.0
1967.....	5.7	2,684.9	34.0	2,493.3	934.8	1,413.4	25.5	96.9	22.7
1968.....	69.2	3,590.7	36.8	3,381.3	1,324.7	1,874.6	36.6	109.6	35.8
1969 <sup>6</sup> .....	46.8	3,665.4	37.0	3,400.4	1,382.3	1,873.5	56.2	59.9	28.5

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized, except California Clingstone which includes the following quantities of cannery diversions and culls (million pounds): 98.0 in 1960, 141.0 in 1961, 160.8 in 1962, 92.4 in 1963, 152.4 in 1964, 178.0 in 1965, 169.6 in 1966, 157.6 in 1967, 172.6 in 1968, and 228.0 in 1969.

<sup>3</sup> Includes some quantities canned and frozen.

<sup>4</sup> Includes quantities frozen and otherwise processed.

<sup>5</sup> Includes small quantities frozen for some years. Used for jams, preserves, brandy, etc.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 347.

Table 345.—Peaches: Production and utilization, by regions, crop of 1969 (preliminary)

Region	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold				
		Home use	Sold	Fresh	Processed (fresh basis)			
					Canned <sup>2</sup>	Dried	Frozen	Other <sup>3</sup>
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
North Atlantic <sup>4</sup> .....	255.0	3.5	251.5	239.6	10.4	.....	1.5	.....
South Atlantic <sup>5</sup> .....	667.3	12.4	654.9	533.4	96.2	.....	16.0	9.3
North Central <sup>6</sup> .....	192.3	4.8	187.5	172.0	15.5	.....	.....	.....
South Central <sup>7</sup> .....	187.2	11.6	175.6	<sup>8</sup> 175.6	( <sup>9</sup> )	.....	.....	.....
California Clingstone.....	1,800.0	1.0	1,571.0	1.6	1,550.2	.....	.....	19.2
California Freestone.....	480.0	2.0	478.0	178.2	201.2	56.2	42.4	.....
Other Western States <sup>9</sup> .....	83.6	1.7	81.9	81.9	.....	.....	.....	.....
United States.....	<sup>10</sup> 3,665.4	37.0	3,400.4	1,382.3	1,873.5	56.2	59.9	28.5

<sup>1</sup> Production is the quantity sold or utilized, except California Clingstone which includes culls and cannery diversion of 228.0 million pounds.

<sup>2</sup> Some quantities otherwise processed are included with canned to avoid disclosure of individual operations.

<sup>3</sup> Used for jams, preserves, brandy, etc.

<sup>4</sup> New Hampshire, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.

<sup>5</sup> Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, and Georgia.

<sup>6</sup> Ohio, Indiana, Illinois, Michigan, Missouri, and Kansas.

<sup>7</sup> Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas.

<sup>8</sup> Some quantities canned or otherwise processed are included with fresh sales to avoid disclosure of individual operations.

<sup>9</sup> Idaho, Colorado, Utah, Washington, and Oregon.

<sup>10</sup> Excludes the following quantities not harvested for economic reasons and excess cullage of harvested fruit (million pounds): New Jersey, 13.5; Virginia, 2.8; North Carolina, 3.0; Illinois, 0.8; Michigan, 20.0; and Colorado, 6.7.

Statistical Reporting Service.

Table 346.—Peaches, canned: United States exports by country of destination, 1966-68

Country of destination	Year beginning July			Country of destination	Year beginning July		
	1966	1967	1968		1966	1967	1968
	<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>
Europe:				Other countries:			
Austria	6,783	3,933	3,068	Arabia Peninsula States	13	7	53
Belgium and Luxembourg	15,284	7,505	6,402	Bahrain	49	9	11
Denmark	7,040	3,986	2,493	Canada	38,901	29,091	38,183
Finland	2,964	1,012	1,036	Canary Islands	322	184	156
France	7,096	2,520	229	Congo (Kinshasa)			6
Germany, West	81,323	15,878	24,858	United Arab Republic	15		
Iceland	237	145	152	French Pacific Islands	78	39	36
Ireland	186		4	Hong Kong	447	247	322
Italy	1,273	154	345	Indonesia	25	8	12
Netherlands	22,794	6,187	4,615	Iran	17	35	7
Norway	6,535	2,290	4,375	Israel			34
Sweden	18,661	4,551	10,088	Japan	1,401	998	5,308
Switzerland	6,208	4,153	6,577	Kuwait	277	85	180
United Kingdom	3,795	909	175	Lebanon	188	81	104
Others	583	390	176	Liberia	2	37	28
Total	180,802	53,613	64,593	Libya	182	84	154
Latin American Republics:				Malaysia	96	24	119
Colombia	39	51	16	Morocco	170	72	352
Costa Rica	366	394	551	Netherlands Antilles	298	152	349
Dominican Republic	59	54	95	Pakistan	12	3	
Ecuador	10			Philippines	1,023	734	1,376
El Salvador	25	43	17	Saudi Arabia	85	103	86
Guatemala	179	48	186	West Indies	807	727	940
Mexico	137	12	29	Others	263	414	217
Panama	1,044	936	798	Total	44,671	33,134	48,033
Panama Canal Zone				Grand total	229,094	88,861	114,887
Peru	335	207	1				
Venezuela	1,327	291	513				
Others	100	78	55				
Total	3,621	2,114	2,261				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 347.—Pears: Production, value, and foreign trade, United States, 1959-69

Year	Not utilized <sup>1</sup>	Production <sup>2</sup>	Season average price <sup>3</sup>	Value	Foreign trade, year beginning July							Imports for consumption, fresh	
					Domestic exports								Total, in terms of fresh fruit <sup>7</sup>
					Fresh	Canned	Dried <sup>4</sup>	Dried, in fruit salad <sup>5</sup>	Canned, in fruit salad <sup>6</sup>				
<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</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 bushels</i>	<i>1,000 pounds</i>			
1959		<i>682,189</i>											
1959	950	721,390	72.30	52,081	80,529	12,898	558	1,159	28,823	2,801	14,399		
1960	1,250	622,740	87.80	54,458	52,754	9,392	525	920	33,421	2,242	9,254		
1961	2,850	656,020	92.40	60,531	68,303	10,719	1,170	1,192	43,966	2,938	17,852		
1962	2,900	708,480	72.50	51,797	70,758	11,190	793	1,849	51,244	3,149	13,968		
1963	3,000	468,520	111.00	52,087	38,706	6,001	428	989	44,663	2,146	21,914		
1964		<i>688,394</i>											
1964	9,905	718,565	92.50	66,383	57,029	7,542	356	1,042	59,482	2,864	11,148		
1965	3,625	495,805	132.00	65,484	69,779	5,725	562	1,313	46,871	2,621	6,890		
1966	27,255	722,165	87.40	63,128	67,655	7,184	426	906	53,512	2,740	15,109		
1967	11,100	451,980	104.00	73,918	51,190	3,375	205	839	33,165	1,890	26,469		
1968	6,480	616,390	135.00	83,231	36,742	4,547	367	656	39,193	1,743	30,995		
1969 <sup>8</sup>	15,250	711,650	103.00	73,122									

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit. <sup>2</sup> Production is the quantity sold or utilized. <sup>3</sup> Obtained by weighting State prices by quantity sold. <sup>4</sup> Net processed weight. <sup>5</sup> Dried pears are 16½ percent of total dried fruit for salad. <sup>6</sup> Canned pears are 35 percent of total canned fruit for salad. <sup>7</sup> Beginning June 1965, canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.0 pound fresh (1.2 prior to June 1965); dried pears converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh (5.5 prior to June 1965); 50 pounds fresh equals 1 bushel, except in California, where 48 pounds equals 1 bushel. <sup>8</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census of harvested production. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-58 in *Agricultural Statistics, 1967*, table 350.

Table 348.—Pears: Production and season average price per ton, by States, 1967-69

State and division	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
Connecticut.....	1,880	1,600	2,150	188.00	185.00	185.00
New York.....	17,200	9,300	18,000	131.00	148.00	122.00
Pennsylvania.....	2,600	3,250	3,200	209.00	150.00	134.00
North Atlantic.....	21,680	14,150	23,350			
Michigan.....	21,000	11,000	23,000	135.00	122.00	67.00
North Central.....	21,000	11,000	23,000			
Idaho.....	1,900	700	2,100	134.00	134.00	89.00
Colorado.....	1,500	5,700	7,800	124.00	127.00	115.00
Utah.....	4,500	6,300	5,500	120.00	97.00	92.00
Washington, all.....	144,500	141,540	107,900	162.00	136.00	95.50
Bartlett.....	93,000	97,500	69,700	179.00	125.00	93.00
Other.....	51,500	44,040	38,200	126.00	161.00	100.00
Oregon, all.....	151,000	93,000	191,000	151.00	146.00	100.00
Bartlett.....	71,000	44,000	82,000	176.00	128.00	109.00
Other.....	80,000	49,000	109,000	128.00	162.00	94.00
California, all.....	117,000	344,000	351,000	193.00	132.00	107.00
Bartlett.....	104,000	322,000	336,000	195.00	132.00	107.00
Other.....	13,000	22,000	15,000	178.00	134.00	102.00
Western.....	420,400	591,240	655,300			
United States.....	463,080	616,390	711,650	164.00	135.00	103.00

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 1967—Utah, 370; Washington, Bartlett, 2,200; Washington, other, 8,530; 1968—Washington, Bartlett, 3,500; Washington, other 2,960; 1969—Michigan, 6,000; Colorado, 150; Washington, Bartlett, 3,800; Washington, other, 5,300.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 349.—Pears, fresh (dessert and cooking): Production in specified countries, 1967-69<sup>1</sup>

Continent and country	1967	1968	1969 <sup>2</sup>	Continent and country	1967	1968	1969 <sup>2</sup>
North America:	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	Europe—Continued	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>
Canada <sup>4</sup> .....	1,948	1,882	1,282	Spain.....	5,389	10,685	9,421
Mexico.....	1,739	1,724	1,504	Sweden <sup>4</sup> .....	235	279	147
United States <sup>4</sup> .....	20,581	27,682	32,078	Switzerland.....	770	1,351	946
Total.....	24,268	31,288	34,874	United Kingdom.....	1,150	3,758	2,937
South America:				Yugoslavia.....	4,252	4,840	4,899
Argentina.....	5,477	5,026	4,733	Total.....	126,519	162,298	143,281
Chile <sup>4</sup> .....	588	598	720	Asia:			
Europe:				Japan.....	21,889	23,276	24,398
Austria.....	2,646	2,768	2,523	Lebanon.....	294	465	78
Belgium and Luxembourg.....	2,474	4,101	2,964	Turkey.....	8,064	8,818	8,328
Denmark <sup>4</sup> .....	372	453	392	Africa:			
France.....	17,735	21,868	19,813	South Africa, Republic of.....	4,133	4,241	3,556
Germany, West.....	19,841	29,948	19,077	Oceania:			
Greece.....	3,364	4,472	4,053	Australia.....	7,351	5,073	7,820
Italy.....	64,507	68,357	70,547	New Zealand.....	925	795	886
Netherlands.....	3,527	8,818	4,899	Total specified countries <sup>5</sup> .....	199,528	241,878	228,674
Norway.....	257	600	663				

<sup>1</sup> Years shown refer to years of harvest in 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 1968 is combined with preliminary forecasts for the Southern Hemisphere harvests which began late in 1968 and ended early in 1969.

<sup>2</sup> Preliminary.

<sup>3</sup> Basic production data reported in units other than bushels converted to 45-pound equivalents.

<sup>4</sup> Commercial crop.

<sup>5</sup> May include some cider pears.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 350.—Pears: International trade, 1966–68

Continent and country	1966		1967		1968	
	Exports	Imports	Exports	Imports	Exports	Imports
	<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>
North America:						
Canada .....	96	721	200	371	86	592
Mexico .....		14		2		28
Panama .....		8		9		8
United States .....	1,368	215	1,127	348	755	453
Total .....	1,464	958	1,327	730	841	1,081
South America:						
Argentina .....	1,570		1,795		2,098	
Brazil .....		487		765		861
Chile .....	177		126		156	
Total .....	1,747	487	1,921	765	2,254	861
Europe:						
Austria .....	59	827	1	956	17	661
Belgium and Luxembourg .....	78	1,103	229	817	251	683
Denmark .....	4	158	4	234	2	198
Finland .....		260		279		323
France .....	1,055	2,587	1,307	2,502	1,532	1,570
Germany, West <sup>1</sup> .....		8,535		8,146		6,663
Ireland .....		194		210		174
Italy .....	10,685	46	12,735	76	8,505	147
Netherlands .....	1,700	468	790	630	1,019	698
Norway .....		227		403		238
Sweden .....	43	942	28	872	25	784
United Kingdom .....		3,554		2,904		2,606
Yugoslavia .....		34		84		170
Total .....	13,624	18,935	15,094	18,113	11,351	14,915
Africa:						
Morocco .....	2		2		1	
South Africa, Republic of .....	1,756		1,309		1,355	
Total .....	1,758		1,311		1,356	
Asia:						
Japan .....	167		251		234	
Malaysia .....		300		300		300
Syria and Lebanon .....	64	4	170	2	285	3
Total .....	231	304	421	302	519	303
Oceania:						
Australia .....	1,915		1,291		1,519	
New Zealand .....	173		117		150	
Total .....	2,088		1,408		1,669	
World total .....	20,912	20,684	21,482	19,910	17,990	17,160

<sup>1</sup> Includes quinces.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 351.—Pears, western: Average auction price per box, all grades, New York, 1960-69**

Season beginning July	Bartlett	Hardy	Flemish Beauty	Comice	Bosc	D'Anjou	Winter Nelis	Weighted average <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1960.....	6.22	4.74	3.76	5.90	5.43	5.42	4.50	5.87
1961.....	5.87	3.58	3.42	5.54	5.26	5.61	6.45	5.74
1962.....	4.72			5.20	4.50	5.20	4.28	4.91
1963.....	6.46		3.96	6.40	6.30	4.74	4.11	5.88
1964.....	5.09		3.05	5.42	5.31	5.58	4.61	5.36
1965.....	8.12		3.56	5.89	6.74	5.63	3.59	6.65
1966.....	5.37		3.27	5.08	6.38	5.04	3.87	5.46
1967.....	7.86		4.54	6.47	7.37	6.12		6.83
1968.....	7.78		4.94	7.96	8.64	6.49	4.12	7.83
1969 <sup>2</sup> .....	6.16		4.52	5.35	6.13	5.44	3.40	5.16

<sup>1</sup> Includes all varieties of western pears sold on New York auction market.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day. Data for 1944-59 in *Agricultural Statistics, 1967*, table 354.

**Table 352.—Pears: Production and utilization, United States, 1960-69**

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold		
			Home use	Sold	Fresh <sup>3</sup>	Processed (fresh basis)	
						Canned <sup>4</sup>	Dried
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1960.....	1,250	622,740	17,611	605,129	234,004	362,325	8,800
1961.....	2,850	656,020	8,665	647,355	252,635	388,020	6,700
1962.....	2,900	708,480	7,540	700,940	284,990	406,550	9,400
1963.....	3,000	468,520	6,674	461,846	183,996	275,050	2,800
1964.....	9,905	718,565	6,436	712,129	252,409	450,920	8,800
1965.....	3,625	495,805	5,860	489,945	198,120	290,725	1,100
1966.....	27,255	722,165	6,480	715,685	286,209	421,176	8,300
1967.....	11,100	451,980	4,691	447,289	186,387	259,702	1,200
1968.....	6,460	616,390	4,530	611,860	206,594	402,666	2,600
1969 <sup>5</sup> .....	15,250	711,650	5,065	706,585	279,166	423,219	4,200

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Includes some quantities canned or otherwise processed.

<sup>4</sup> For some States includes some dried or otherwise processed.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 356.

**Table 353.—Pears: Production and utilization, by regions, crop of 1969 (preliminary)**

Region	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold		
			Home use	Sold	Fresh	Processed (fresh basis)	
						Canned	Dried
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Total Eastern and Central States <sup>3</sup>	6,000	46,350	1,710	44,640	19,955	24,685	
Pacific Coast Bartlett <sup>4</sup>	3,800	487,700	2,200	485,500	95,200	<sup>5</sup> 386,160	4,200
Pacific Coast other pears <sup>4</sup>	5,300	162,200	900	161,300	<sup>6</sup> 152,500	8,800	( <sup>6</sup> )
Other Western States <sup>7</sup>	150	15,400	255	15,145	11,511	3,634	
United States.....	15,250	711,650	5,065	706,585	279,166	423,219	4,200

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Connecticut, New York, Pennsylvania, and Michigan.

<sup>4</sup> Washington, Oregon, and California.

<sup>5</sup> Some quantities dried or otherwise processed are included with canned to avoid disclosure of individual operations.

<sup>6</sup> Some quantities canned, dried, or otherwise processed are included in fresh sales to avoid disclosure of individual operations.

<sup>7</sup> Idaho, Colorado, and Utah.

Statistical Reporting Service.

**Table 354.—Prunes and plums: <sup>1</sup> Production, value, and utilization, 4 States, 1959–69**

Year	Not utilized <sup>2</sup>	Production <sup>3</sup>	Season average price per ton <sup>4</sup>	Value	Farm disposition		Utilization of quantities sold			
					Home use	Sold	Fresh	Processed (fresh basis)		
								Dried <sup>5</sup>	Canned <sup>6</sup>	Frozen
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons	Tons	Tons
1959.....	1,200	94,700	85.40	8,066	3,250	91,450	<sup>7</sup> 46,390	17,500	26,910	650
1960.....	225	32,475	186.00	6,028	1,330	31,145	<sup>7</sup> 22,750	700	7,425	270
1961.....	1,000	75,000	121.00	9,041	2,015	72,985	36,065	9,750	26,370	800
1962.....	1,800	90,300	81.90	7,390	2,020	88,280	36,640	15,700	34,940	1,000
1963.....	940	50,960	123.00	6,269	1,175	49,785	29,035	455	19,855	440
1964.....	13,612	70,688	86.00	6,022	1,304	69,384	35,451	5,475	27,568	890
1965.....	1,626	72,574	98.50	7,137	1,570	71,004	34,771	5,700	29,168	1,365
1966.....	1,020	65,180	119.00	7,721	1,260	63,920	31,460	7,100	24,010	1,350
1967.....	1,728	72,972	109.00	7,958	1,190	71,782	32,153	7,400	29,829	2,400
1968.....	3,720	40,280	145.00	5,859	610	39,670	23,400	300	14,995	975
1969 <sup>8</sup> .....	11,300	89,500	100.00	8,981	600	88,900	38,380	7,200	40,500	2,820

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Obtained by weighting State prices by quantities sold.

<sup>5</sup> Equivalent fresh basis. The dried tonnage sales figures are as follows (tons): 5,150 in 1959, 210 in 1960, 2,954 in 1961, 4,641 in 1962, 147 in 1963, 1,660 in 1964, 1,716 in 1965, 2,029 in 1966, 2,147 in 1967, 90 in 1968, and 2,055 in 1969.

<sup>6</sup> Some quantities of frozen, dried, or otherwise processed are included with canned to avoid disclosure of individual operations.

<sup>7</sup> Some quantities canned, frozen, or otherwise processed are included with fresh sales to avoid disclosure of individual operations.

<sup>8</sup> Preliminary.

Statistical Reporting Service. Data for 1929-58 in *Agricultural Statistics, 1967*, tables 358 and 365, for plums in Michigan and California, and prunes in Idaho, Washington, Oregon, and California.

**Table 355.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1967–69**

State	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
Michigan.....	15,000	13,000	14,500	93.00	107.00	81.00
Idaho.....	16,500	6,480	17,500	130.00	128.00	111.00
Washington.....	12,700	9,800	27,200	150.00	176.00	141.00
Oregon.....	30,500	11,000	30,300	90.70	174.00	67.00
Total, 4 States.....	74,700	40,280	89,500	109.00	145.00	100.00

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 1967—Idaho, 328; Washington, 1,400; 1968—Idaho, 2,520; Washington, 1,200; 1969—Michigan, 1,500; Idaho, 8,000; Washington, 1,800.

<sup>2</sup> Preliminary.

<sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

**Table 356.—Plums, California: Production, value, and utilization, 1959–69**

Season	Not utilized <sup>1</sup>	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value	Farm disposition		Utilization of quantities sold	
					Home use	Sold	Fresh sales	Processed
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons
1959.....	3,000	90,000	155.00	13,950	300	89,700	85,300	4,400
1960.....	2,000	80,000	192.00	15,360	200	79,800	76,800	3,000
1961.....	2,000	85,000	188.00	15,980	200	84,800	79,900	4,900
1962.....	2,000	82,000	170.00	13,940	200	81,800	74,700	7,100
1963.....	5,000	101,000	162.00	16,632	200	100,800	95,000	5,800
1964.....	3,000	110,000	149.00	16,390	200	109,800	105,000	4,800
1965.....	5,000	108,000	141.00	15,228	200	107,800	102,400	5,400
1966.....	9,000	86,000	182.00	15,652	200	85,800	82,200	3,600
1967.....	3,000	95,000	180.00	17,100	200	94,800	90,200	4,600
1968.....		106,000	178.00	18,868	200	105,800	100,500	5,300
1969 <sup>4</sup> .....		67,000	237.00	15,879	200	66,800	63,400	3,400

See footnotes on page 246.

Table 357.—Prunes (dried basis),<sup>1</sup> California: Production, value, and utilization, 1959-69

Season	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value	Farm disposition	
				Home use	Sold <sup>4</sup>
	Tons	Dollars	1,000 dollars	Tons	Tons
1959.....	139,000	361.00	50,179	200	138,800
1960.....	139,000	391.00	54,349	100	138,900
1961.....	139,000	333.00	46,287	100	138,900
1962.....	148,000	283.00	41,884	100	147,900
1963.....	133,000	305.00	40,565	100	132,900
1964.....	180,000	230.00	41,400	100	179,900
1965.....	167,000	240.00	40,080	100	166,900
1966.....	132,000	325.00	42,900	100	131,900
1967.....	164,000	276.00	45,264	100	163,900
1968.....	153,000	301.00	46,053	100	152,900
1969 <sup>5</sup> .....	130,000	( <sup>6</sup> )	( <sup>6</sup> )	100	129,900

<sup>1</sup> The drying ratio is approximately 2½ pounds of fresh fruit to 1 pound of dried fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Equivalent returns at the processing plant door.

<sup>4</sup> All dried.

<sup>5</sup> Preliminary.

<sup>6</sup> Not available.

Statistical Reporting Service.

Table 358.—Prunes and plums:<sup>1</sup> Utilization and season average price per ton, 1967-69

State and season	Quantity						Price <sup>3</sup>					
	Home use	Fresh sales	Dried		Canned <sup>2</sup>	Frozen	Fresh sales	Dried		Canned	Frozen	
			Fresh basis	Dried basis				Fresh basis	Dried basis			
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars	Dollars	
Michigan:												
1967.....	200	4,600			9,250	950	142.00			66.00	120.00	
1968.....	200	3,000			8,825	975	174.00			87.00	83.00	
1969.....	200	5,200			8,480	620	113.00			62.00	63.00	
Idaho:												
1967.....	90	12,803			3,279		146.00			65.00		
1968.....	70	3,740			2,670		180.00			56.00		
1969.....	80	13,600			3,820		130.00			43.00		
Washington:												
1967.....	200	8,100			3,000		181.00			76.00		
1968.....	200	6,900			2,700		214.00			116.00		
1969.....	200	18,000			9,000		186.00			54.00		
Oregon:												
1967.....	700	6,650	7,400	2,147	14,300	1,450	165.00	79.10	272.00	64.70	( <sup>4</sup> )	
1968.....	140	9,760	300	90	800		181.00	143.00	473.00	106.00	( <sup>4</sup> )	
1969.....	120	1,580	7,200	2,055	19,200	2,200	157.00	86.00	301.00	53.70	( <sup>4</sup> )	
Total 4 States:												
1967.....	1,190	32,153	7,400	2,147	29,829	2,400	158.00	78.80	272.00	66.00	86.50	
1968.....	610	23,400	300	90	14,995	975	190.00	143.00	473.00	85.60	84.40	
1969.....	600	38,380	7,200	2,055	40,500	2,820	155.00	86.00	301.00	54.60	57.30	

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Some quantities frozen, dried, or otherwise processed are included with canned to avoid disclosure of individual operations.

<sup>3</sup> Prices for fresh sales are average prices as sold; quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Not published to avoid disclosure of individual operations.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 356

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Fresh fruit prices are equivalent returns at point of first sale. Prior to 1963, processing fruit prices were at first delivery point; beginning 1963, they are equivalent returns at processing plant door.

<sup>4</sup> Preliminary.

Statistical Reporting Service.



Table 359.—Prunes and plums, fresh: Production in specified countries, 1967–69

Continent and country	1967	1968	1969 <sup>1</sup>	Continent and country	1967	1968	1969 <sup>1</sup>
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
North America:				Europe—Continued			
Canada.....	11.8	9.6	8.4	Switzerland.....	44.1	52.9	47.4
Mexico.....	15.3	16.1	16.5	United Kingdom.....	16.5	92.4	70.6
United States.....	582.7	532.5	480.5	Yugoslavia.....	777.1	794.8	1,439.3
Total.....	609.8	558.2	505.4	Total.....	1,626.2	2,329.8	2,636.4
South America:				Africa:			
Argentina.....	74.7	67.8	70.9	South Africa, Republic of.....	13.6	10.8	13.8
Chile.....	27.6	26.5	24.3	Asia:			
Total.....	102.3	94.3	95.2	Japan.....	68.3	73.9	35.3
Europe:				Turkey.....	112.4	115.7	110.2
Austria.....	50.2	103.4	69.8	Total.....	180.7	189.6	145.5
Belgium and Luxembourg.....	5.8	19.8	15.4	Oceania:			
France.....	121.3	184.6	186.7	New Zealand.....	3.3	3.8	3.9
Germany, West.....	359.6	804.9	520.3	Total specified countries.....	2,535.9	3,186.5	3,400.2
Greece.....	16.9	16.5	17.6				
Italy.....	156.1	138.2	162.0				
Netherlands.....	1.8	16.2	11.0				
Norway.....	13.7	16.8	21.0				
Spain.....	61.6	87.6	73.6				
Sweden.....	1.5	1.7	1.7				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 360.—Prunes, dried: United States exports by country of destination, 1966–68

Country of destination	Year beginning July			Country of destination	Year beginning July		
	1966	1967	1968		1966	1967	1968
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Europe:				Latin America—Continued			
Austria.....	85	106	106	Guatemala.....	55	56	52
Belgium and Luxembourg.....	1,871	1,945	1,810	Mexico.....	696	473	672
Denmark.....	3,656	3,177	3,398	Panama.....	138	124	154
Finland.....	2,165	2,262	2,552	Peru.....	72	9	23
France.....	4,255	5,125	3,987	Venezuela.....	934	1,018	1,016
Germany, West.....	1,972	998	1,309	Others.....	120	67	35
Iceland.....	129	141	136	Total.....	2,271	2,041	2,183
Ireland.....	234	261	222	Other countries:			
Italy.....	7,246	7,187	6,573	Algeria.....	206		
Netherlands.....	1,231	1,293	1,052	Canada.....	4,900	4,918	4,877
Norway.....	2,290	2,002	2,235	Hong Kong.....	313	364	436
Spain.....	277	253	233	Israel.....	166	30	364
Sweden.....	2,921	2,881	2,754	Japan.....	639	862	910
Switzerland.....	658	275	450	Malaysia.....	252	291	316
United Kingdom.....	6,874	7,064	5,362	Morocco.....	88	92	176
Others.....	31	17	226	Netherlands Antilles.....	51	43	53
Total.....	35,895	34,987	32,405	New Zealand.....	713	422	683
Latin America:				Philippines.....	557	538	590
Bolivia.....	12	12	4	South Africa, Republic of.....	168	204	524
Colombia.....	10	25	5	West Indies.....	263	229	300
Costa Rica.....	31	35	25	Others.....	252	369	346
Dominican Republic.....	111	79	104	Total.....	8,568	8,362	9,575
Ecuador.....	77	113	86	Grand total.....	46,734	45,390	44,163
El Salvador.....	15	30	7				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 361.—Prunes: Foreign trade, United States, 1954-68

Year beginning July	Domestic exports					Imports			
	Fresh prunes and plums	Canned prunes and plums	Dried prunes <sup>1</sup>	Dried, in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</sup>	Fresh prunes and plums	Otherwise prepared or preserved <sup>1</sup>	Dried prunes	Total, in terms of fresh <sup>3</sup>
	Tons	1,000 pounds	Tons	Tons	Tons	Tons	1,000 pounds	Tons	Tons
1954	4,185	498	38,299	1,062	100,358	1,258	865	( <sup>4</sup> )	1,647
1955	8,833	837	36,825	1,638	102,952	1,694	1,060	( <sup>4</sup> )	2,170
1956	9,489	685	60,917	1,457	161,872	913	1,095	2	1,410
1957	8,139	2,132	61,094	1,802	162,321	989	1,097	2	1,487
1958	8,554	874	31,416	1,135	88,264	1,058	1,204	3	1,607
1959	10,033	973	37,926	1,489	106,521	898	859	104	1,537
1960	9,491	770	36,370	1,187	101,373	1,237	907	761	3,500
1961	8,116	576	42,923	1,538	116,766	1,125	962	330	2,362
1962	8,376	1,631	43,331	1,741	118,904	1,483	851	165	2,267
1963	9,781	2,803	40,659	1,277	113,086	1,455	1,049	125	2,231
1964	9,938	659	49,175	1,344	133,396	1,689	1,027	80	2,346
1965	15,593	( <sup>5</sup> )	62,074	1,694	181,146	1,212	1,205	87	1,965
1966	6,214	( <sup>5</sup> )	46,734	1,168	130,576	836	1,167	520	2,711
1967	13,862	( <sup>5</sup> )	45,390	1,082	134,509	1,846	1,230	680	4,165
1968 <sup>6</sup>	9,899	( <sup>5</sup> )	44,163	846	126,747	2,193	1,228	426	3,852

<sup>1</sup> Net processed weight.<sup>2</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.<sup>3</sup> Beginning 1965, exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04 (1.025 prior to 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh (2½ pounds prior to 1965). 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.<sup>4</sup> Less than ½ ton.<sup>5</sup> No longer reported separately.<sup>6</sup> Preliminary.Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 367.

Table 362.—Strawberries, commercial crop: Acreage, yield, production, value per pound, and total value, United States, 1954-69

Year	Fresh market and processing					Fresh market <sup>3</sup>			Processing		
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production of value	Value <sup>2</sup>		Production of value	Value <sup>2</sup>	
				Per lb.	Total		Per lb.	Total		Per lb.	Total
	<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>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1954	96,200	4,280	411,469	19.4	79,026	184,402	23.7	43,757	222,819	15.8	35,269
1955	100,490	4,450	446,716	20.0	89,555	187,423	24.7	46,217	259,293	16.7	43,338
1956	114,710	4,780	548,036	17.9	97,972	241,068	22.0	53,328	306,968	14.5	44,644
1957	122,170	4,510	550,638	14.3	77,652	276,297	19.1	52,740	267,858	9.3	24,912
1958	109,230	4,860	531,387	16.0	84,780	264,694	20.0	52,939	265,993	12.0	31,841
1959	96,560	4,969	479,774	17.9	85,924	239,082	22.3	53,223	240,692	13.6	32,701
1960	92,200	5,053	465,861	19.2	89,598	236,981	23.7	56,056	228,880	14.7	33,542
1961	88,390	5,739	507,309	17.5	88,757	285,872	21.9	62,512	221,437	11.9	26,245
1962	87,910	5,919	520,362	18.0	93,728	290,505	22.4	64,999	229,857	12.5	28,729
1963	80,070	6,369	509,936	18.8	95,882	295,131	23.7	69,985	214,805	12.1	25,897
1964	74,950	7,426	556,593	20.2	110,933	297,325	25.3	75,111	259,268	14.2	35,822
1965	69,380	6,619	459,255	22.4	96,172	271,358	26.4	65,859	187,897	16.9	30,313
1966	69,170	6,716	464,542	22.2	103,407	257,426	26.5	68,124	207,116	16.9	34,923
1967	67,020	7,067	473,626	20.5	97,021	281,386	24.6	69,093	192,240	14.5	27,928
1968	62,600	8,354	522,940	21.3	111,452	334,680	24.3	81,276	188,260	16.0	30,176
1969 <sup>4</sup>	57,080	8,509	485,676	22.6	109,673	314,906	25.9	81,605	170,770	16.4	28,068

<sup>1</sup> Excludes the following quantities not marketed (1,000 pounds): 4,400 in 1967 and 7,000 in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 pounds): 4,248 in 1954, 6,483 in 1957, 700 in 1958, 500 in 1959, 7,700 in 1964, 30,112 in 1965, and 400 in 1966.<sup>2</sup> Fresh market on f.o.b. basis. Beginning 1964, processing value at processing plant door; prior to 1964, average price received by growers at receiving point.<sup>3</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 368.

STRAWBERRIES

249

Table 363.—Strawberries, commercial crop: Acreage, production, and value per pound, by States, 1967-69<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>Acres</i> 2,000	<i>Acres</i> 1,900	<i>Acres</i> 1,600	<i>1,000</i> <i>pounds</i> 17,600	<i>1,000</i> <i>pounds</i> 15,200	<i>1,000</i> <i>pounds</i> 16,000	<i>Cents</i> <i>per lb.</i> 32.9	<i>Cents</i> <i>per lb.</i> 28.7	<i>Cents</i> <i>per lb.</i> 32.6
Winter: Florida .....									
Spring: California .....	8,000	8,600	8,400	208,800	289,820	268,800	20.7	21.0	22.6
Early spring:									
Louisiana .....	3,800	3,500	2,700	11,780	10,850	7,830	27.7	21.2	24.2
Texas .....	600	500	500	1,500	1,250	1,200	27.0	31.3	27.0
Total or average .....	4,400	4,000	3,200	13,280	12,100	9,030	27.7	22.2	24.6
Mid-spring:									
Illinois .....	1,500	1,500	1,500	4,050	3,300	3,225	22.9	21.4	21.2
Missouri .....	800	750	750	2,080	1,875	2,100	26.0	23.8	25.6
Maryland .....	800	700	700	2,320	2,800	2,170	29.7	25.2	22.9
Virginia .....	1,400	1,300	1,100	4,200	4,420	3,520	29.5	25.8	22.3
North Carolina .....	2,000	1,900	1,700	<sup>3</sup> 4,000	5,890	3,910	23.1	31.1	29.7
Kentucky .....	1,000	1,000	800	3,000	2,900	2,880	22.2	23.4	25.8
Tennessee .....	2,400	1,700	1,200	6,720	4,250	3,000	20.6	22.0	24.5
Alabama .....	650	600	( <sup>4</sup> )	1,300	1,140	( <sup>4</sup> )	21.8	24.2	( <sup>4</sup> )
Arkansas .....	2,600	2,300	2,100	7,800	5,750	6,090	22.8	22.0	23.8
Oklahoma .....	900	900	900	3,600	3,600	4,320	21.8	18.9	19.3
Total or average .....	14,050	12,650	10,750	39,070	35,925	31,215	24.1	24.1	23.8
Late spring:									
Maine .....	350	300	( <sup>4</sup> )	1,155	840	( <sup>4</sup> )	33.3	37.0	( <sup>4</sup> )
Massachusetts .....	370	350	330	1,591	1,015	1,221	33.5	39.1	40.9
Connecticut .....	350	300	( <sup>4</sup> )	1,050	750	( <sup>4</sup> )	35.0	41.0	( <sup>4</sup> )
New York .....	2,400	2,000	1,800	6,480	6,000	5,400	27.7	32.4	34.7
New Jersey .....	2,400	2,100	1,800	9,120	8,610	7,920	26.7	29.6	31.8
Pennsylvania .....	1,800	1,700	1,600	5,040	4,760	4,640	30.5	32.9	37.2
Ohio .....	1,500	1,400	1,300	4,800	3,500	4,290	21.5	25.0	27.0
Indiana .....	1,100	1,100	1,000	4,620	4,730	2,600	24.5	25.0	29.8
Michigan .....	6,800	6,500	6,300	29,240	26,650	33,390	18.8	22.2	21.3
Wisconsin .....	1,900	1,800	1,800	4,940	4,320	5,220	29.4	33.0	31.4
Washington .....	5,600	5,300	4,500	35,840	38,160	26,100	16.1	17.6	18.3
Oregon .....	14,000	12,600	12,700	<sup>3</sup> 91,000	70,560	<sup>3</sup> 69,850	14.2	16.7	17.3
Total or average .....	38,570	35,450	33,130	194,876	169,895	160,631	17.9	20.6	21.2
United States .....	67,020	62,600	57,080	473,626	522,940	485,676	20.5	21.3	22.6

<sup>1</sup> Includes quantities used for fresh market and processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 pounds): 1967—mid-spring, North Carolina, 200; late spring, Oregon, 4,200; 1969—late spring, Oregon, 7,000.

<sup>4</sup> Estimates discontinued.

Statistical Reporting Service.

Table 364.—Strawberries, commercial crop: Production and value per pound, by States, 1967-69

Utilization, season, and State	Production			Value per unit		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>FOR FRESH MARKET<sup>2</sup></b>						
Winter: Florida .....	1,000 pounds 17,600	1,000 pounds 15,200	1,000 pounds 16,000	Cents per lb. 32.9	Cents per lb. 28.7	Cents per lb. 32.6
Spring: California .....	148,100	213,190	202,400	23.2	23.1	25.0
Early spring:						
Louisiana .....	11,780	10,850	7,830	27.7	21.2	24.2
Texas .....	1,500	1,250	1,200	27.0	31.3	27.0
Total or average .....	13,280	12,100	9,030	27.7	22.2	24.6
Mid-spring:						
Illinois .....	4,050	3,300	3,225	22.9	21.4	21.2
Missouri .....	2,080	1,875	2,100	26.0	23.8	25.6
Maryland .....	2,320	2,800	2,170	29.7	25.2	22.9
Virginia .....	4,200	4,420	3,520	29.5	25.8	22.3
North Carolina .....	<sup>3</sup> 4,000	5,890	3,910	28.1	31.1	29.7
Kentucky .....	3,000	2,900	2,880	22.2	23.4	25.8
Tennessee .....	6,720	4,250	3,000	20.6	22.0	24.5
Alabama .....	1,300	1,140	( <sup>4</sup> )	21.8	24.2	( <sup>4</sup> )
Arkansas .....	7,800	5,750	6,090	22.8	22.0	23.8
Oklahoma .....	3,600	3,600	4,320	21.8	18.9	19.3
Total or average .....	39,070	35,925	31,215	24.1	24.1	23.8
Late spring:						
Maine .....	1,155	840	( <sup>4</sup> )	33.3	37.0	( <sup>4</sup> )
Massachusetts .....	1,591	1,015	1,221	33.5	39.1	40.9
Connecticut .....	1,050	750	( <sup>4</sup> )	35.0	41.0	( <sup>4</sup> )
New York .....	6,480	6,000	5,400	27.7	32.4	34.7
New Jersey .....	9,120	8,610	7,920	26.7	29.6	31.8
Pennsylvania .....	5,040	4,760	4,640	30.5	32.9	37.2
Ohio .....	4,800	3,500	4,290	21.5	25.0	27.0
Indiana .....	4,620	4,730	2,600	24.5	25.0	29.8
Michigan .....	18,140	17,740	18,390	20.8	24.4	23.6
Wisconsin .....	4,940	4,320	5,220	29.4	33.0	31.4
Washington .....	3,500	3,600	3,580	26.1	24.3	26.0
Oregon .....	2,900	2,400	3,000	17.0	23.2	23.0
Total or average .....	63,336	58,265	56,261	25.0	28.0	28.7
United States .....	281,386	334,680	314,906	24.6	24.3	25.9
<b>FOR PROCESSING</b>						
Spring: California .....	60,700	76,630	66,400	14.7	15.0	15.2
Late spring:						
Michigan .....	11,100	8,910	15,000	15.6	17.9	18.4
Washington .....	32,340	34,560	22,520	15.0	16.9	17.1
Oregon .....	<sup>3</sup> 88,100	68,160	<sup>3</sup> 66,850	14.1	16.5	17.0
Total or average .....	131,540	111,630	104,370	14.4	16.7	17.2
United States .....	192,240	188,260	170,770	14.5	16.0	16.4

<sup>1</sup> Preliminary.<sup>2</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 pounds): 1967—mid-spring, North Carolina, 200; late spring, Oregon, 4,200; 1969—late spring, Oregon, 7,000.<sup>4</sup> Estimates discontinued.

Statistical Reporting Service.

Table 365.—Fruits: Unloads at 8 markets, by commodities, 1969

Commodity	Boston			New York <sup>2</sup>			Philadelphia			Baltimore		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
<b>Fruit:</b>												
Apples.....	276	879	1,155	2,231	4,420	6,651	542	1,357	1,899	144	701	845
Grapefruit.....	310	588	898	2,964	2,151	5,115	831	1,029	1,860	200	283	483
Grapes.....	613	54	667	3,580	76	3,656	814	108	922	232	69	301
Lemons.....	265	19	284	1,745	37	1,782	697	20	717	177	40	217
Mixed citrus.....	52	8	60	574		574	192		192	129		129
Oranges <sup>3</sup> .....	2,108	435	2,543	6,817	1,843	8,660	2,161	1,020	3,181	467	413	880
Peaches.....	4	760	764	146	2,542	2,688	4	645	649		312	312
Pears.....	416	41	457	2,350	99	2,449	387	78	465	84	49	133
Plums and fresh prunes.....	252	16	268	1,189	208	1,397	203	56	259	36	23	59
Strawberries.....	260	229	489	643	469	1,112	163	318	481	39	156	195
Tangerines.....	28	209	237	302	473	775	56	209	265	22	91	113
Miscellaneous.....	319	1,767	2,086	13,094	1,345	14,439	466	2,778	3,244	841	417	1,258
<b>Total.....</b>	<b>4,903</b>	<b>5,005</b>	<b>9,908</b>	<b>35,635</b>	<b>13,663</b>	<b>49,298</b>	<b>6,516</b>	<b>7,618</b>	<b>14,134</b>	<b>2,371</b>	<b>2,554</b>	<b>4,925</b>

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
<b>Fruits:</b>												
Apples.....	200	769	969	911	1,752	2,663	253	5,138	5,391	28	2,107	2,135
Grapefruit.....	2	342	344	712	660	1,372	2	2,706	2,708	22	966	988
Grapes.....	61	236	297	928	100	1,028		2,132	2,132		792	792
Lemons.....	109	214	323	339	36	375		757	757		297	297
Mixed citrus.....	5		5	244		244						
Oranges <sup>3</sup> .....	16	821	837	2,550	532	3,082	1	4,768	4,769	13	2,086	2,099
Peaches.....		374	374	140	860	1,000	2	1,305	1,307		565	565
Pears.....	33	29	62	360	98	458	17	889	906		257	257
Plums and fresh prunes.....		27	27	224	105	329	4	472	476		154	154
Strawberries.....		405	405	465	591	1,056	6	1,116	1,122	3	816	819
Tangerines.....		99	99	132	161	293		475	475		113	113
Miscellaneous.....	134	1,761	1,895	2,071	2,540	4,611	5,901	2,656	8,557	191	4,184	4,375
<b>Total.....</b>	<b>560</b>	<b>5,077</b>	<b>5,637</b>	<b>9,076</b>	<b>7,435</b>	<b>16,511</b>	<b>6,186</b>	<b>22,414</b>	<b>28,600</b>	<b>257</b>	<b>12,337</b>	<b>12,594</b>

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1969 are as follows: Chicago, 85%; Atlanta, Baltimore, Los Angeles, New York, and Philadelphia, 90%; Boston, 90-95%; San Francisco, 95%.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes satsumas.

<sup>4</sup> Includes Oakland.

Consumer and Marketing Service.

Table 366.—Fruits: Total unloads at 8 markets, 1960–69

Year	Boston			New York <sup>2</sup>			Philadelphia			Baltimore		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	<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>	<i>Cars</i>	<i>Cars</i>
1960.....	7,297	5,767	13,064	42,873	15,528	58,401	11,300	9,910	21,210	4,456	2,471	6,927
1961.....	6,558	5,938	12,496	40,268	14,347	54,615	11,539	8,445	19,984	4,765	2,285	7,050
1962.....	6,157	6,237	12,394	40,874	14,705	55,579	11,925	9,248	21,173	4,792	2,196	6,988
1963.....	5,640	5,520	11,160	37,274	15,360	52,634	7,285	7,886	15,171	4,131	2,065	6,196
1964.....	6,093	5,046	11,139	39,658	14,002	53,660	7,584	8,054	15,638	3,875	2,214	6,089
1965.....	6,256	5,566	11,822	40,783	14,894	55,677	7,737	7,668	15,405	4,061	2,307	6,368
1966.....	5,826	5,286	11,112	41,394	13,241	54,635	7,662	7,488	15,150	4,484	1,999	6,483
1967.....	5,615	4,724	10,339	40,008	13,396	53,404	7,519	7,947	15,466	4,147	2,075	6,222
1968.....	4,181	5,310	9,491	35,468	14,239	49,707	6,198	7,708	13,906	2,797	2,332	5,129
1969.....	4,903	5,005	9,908	35,635	13,663	49,298	6,516	7,618	14,134	2,371	2,554	4,925

  

Year	Atlanta			Chicago			Los Angeles			San Francisco <sup>3</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	<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>	<i>Cars</i>	<i>Cars</i>
1960.....	950	6,511	7,461	12,447	7,408	19,855	10,234	22,333	32,567	4,120	8,204	12,324
1961.....	723	6,304	7,027	11,987	7,763	19,750	11,531	22,128	33,659	4,399	8,043	12,442
1962.....	693	6,322	7,015	10,509	8,347	18,856	9,108	22,529	31,637	4,356	8,359	12,715
1963.....	759	5,558	6,317	9,723	7,527	17,250	8,693	22,325	31,018	4,384	9,477	13,861
1964.....	866	5,538	6,404	10,232	7,297	17,529	8,858	23,514	32,372	3,537	10,738	14,275
1965.....	692	5,798	6,490	12,234	6,431	18,665	9,382	23,040	32,422	3,323	10,552	13,875
1966.....	717	5,682	6,399	11,982	6,186	18,168	10,405	22,729	33,134	3,177	11,102	14,279
1967.....	673	5,648	6,321	10,061	6,477	16,538	10,604	21,760	32,364	1,384	13,749	15,133
1968.....	586	5,109	5,695	9,052	7,566	16,618	7,429	21,795	29,224	439	11,953	12,392
1969.....	560	5,077	5,637	9,076	7,435	16,511	6,186	22,414	28,600	257	12,337	12,594

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1969 are as follows: Chicago, 85%; Atlanta, Baltimore, Los Angeles, New York, and Philadelphia, 90%; Boston, 90-95%; San Francisco, 95%.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Oakland.

Consumer and Marketing Service. Data for 1955-59 in *Agricultural Statistics, 1967*, table 371.

Table 367.—Fruits, fresh: Carlot rail and boat shipments of specified kinds, United States, 1960-69<sup>1</sup>

Year	Apples		Citrus fruits				Grapes		Peaches	Pears
	Oranges <sup>2</sup>	Grapefruit	Lemons	Mixed citrus	California	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>	
1960.....	12,483	33,470	9,721	13,582	9,634	23,343	363	6,400	7,252	
1961.....	10,163	29,294	11,349	14,061	8,520	19,845	344	5,691	7,356	
1962.....	13,195	28,602	9,745	11,472	6,495	23,467	424	4,313	9,369	
1963.....	20,213	24,420	6,226	12,770	4,252	20,991	583	2,859	4,615	
1964.....	15,729	30,538	7,883	12,783	4,916	21,016	504	2,861	6,968	
1965.....	10,741	35,330	10,152	11,859	5,873	23,233	603	2,193	4,763	
1966.....	17,335	37,813	9,666	12,796	6,426	21,938	611	2,008	7,724	
1967.....	12,654	38,747	11,489	12,406	6,162	16,882	624	968	4,007	
1968.....	8,776	23,989	8,020	12,279	4,554	16,298	568	1,224	4,928	
1969.....	10,331	36,570	8,669	10,428	3,026	15,915	632	1,310	6,588	

  

Year	Apricots	Cherries	Cranberries	Plums and fresh prunes	Strawberries	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>
1960.....	383	981	90	4,391	2,460	1,410	125,963
1961.....	310	1,354	250	4,971	3,708	1,529	118,745
1962.....	339	1,527	222	4,693	3,702	1,634	119,199
1963.....	302	1,402	148	5,165	3,437	2,000	109,383
1964.....	344	1,716	45	5,249	3,393	3,482	117,427
1965.....	286	921	28	5,237	2,283	2,087	115,589
1966.....	261	1,434	33	3,702	1,997	3,042	126,786
1967.....	142	1,349	24	3,584	2,764	3,431	115,233
1968.....	127	1,080	3	3,580	2,993	2,993	91,412
1969.....	120	1,410	.....	2,898	222	2,867	100,986

<sup>1</sup> Data for all commodities are on a calendar-year basis, except apples and pears, which begin in June of year indicated and end the following year. Shipments by truck are not included but represent a large proportion of total movement, especially for some commodities. The data are not indicative of total production or total sales.

<sup>2</sup> Includes satsumas and tangerines.

Consumer and Marketing Service. 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. Data for 1944-59 in *Agricultural Statistics, 1967*, table 372.

Table 368.—Fruits, canned: United States pack of selected items, 1960-69

Season	Apples and apple-sauce	Apricots	Berries	Cherries	Citrus sections and salad <sup>1</sup>	Cranberry sauce	Peaches <sup>2</sup>	Pears	Pine-apple <sup>3</sup>	Plums and prunes	Salad and cocktail	Total of these items
	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>	<i>Million cases<sup>4</sup></i>
1960.....	14.8	6.1	0.8	2.2	3.2	2.2	30.8	8.5	15.0	0.4	14.0	98.0
1961.....	16.2	4.8	.8	3.5	3.2	3.4	31.3	9.1	15.2	1.7	14.8	104.0
1962.....	16.1	4.0	.9	4.3	1.9	3.2	33.2	9.4	15.1	2.2	15.1	105.4
1963.....	16.7	4.1	.8	1.4	2.4	3.3	33.2	5.6	15.0	1.2	13.7	97.4
1964.....	18.9	5.2	.7	4.5	2.7	3.1	37.8	11.4	13.6	1.5	17.6	117.0
1965.....	20.0	5.1	.7	3.1	3.0	3.4	30.0	6.4	15.0	1.7	15.7	104.1
1966.....	14.7	5.0	.9	1.6	3.6	3.6	36.7	11.0	16.7	1.5	17.1	112.4
1967.....	17.3	4.2	1.0	1.6	2.6	3.5	27.0	5.8	16.4	1.9	14.3	95.6
1968.....	17.4	4.5	.5	1.7	2.6	3.8	36.3	10.3	16.5	.7	17.9	112.2
1969 <sup>5</sup> .....	19.6	5.5	.5	2.5	.....	3.5	37.6	10.6	.....	2.2	18.2	.....

<sup>1</sup> Grapefruit sections, orange sections, and citrus salad.

<sup>2</sup> Including spiced peaches.

<sup>3</sup> Hawaiian pack.

<sup>4</sup> In terms of 24 No. 2½ cans.

<sup>5</sup> Preliminary.

Economic Research Service. Data from National Cannery Association and Florida Cannery Association. In addition to the canned fruits shown in this table, considerable quantities of figs and olives are also canned. Data for 1944-59 in *Agricultural Statistics, 1967*, table 373.

Table 369.—Fruit juices, canned: United States packs, 1959–68

Mainly season beginning November	Citrus juices <sup>1</sup>				Pineapple juice <sup>2</sup>	Grape juice	Prune juice	Apple juice	Fruit nectars
	Grapefruit	Orange	Blended orange and grapefruit	Tangerine and tangerine blends					
	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
1959.....	11,327	16,282	4,547	232	13,443	5,100	5,600	6,558	7,000
1960.....	10,975	11,946	3,234	553	14,393	5,100	6,800	6,236	7,000
1961.....	11,228	14,964	3,933	262	15,253	5,100	6,800	6,851	4,000
1962.....	9,445	11,823	3,133	317	15,263	5,100	7,000	7,414	4,000
1963.....	6,305	8,192	2,573	221	14,802	4,900	7,300	8,435	3,000
1964.....	10,927	10,799	2,512	187	13,788	4,800	7,390	9,587	2,860
1965.....	13,826	12,114	2,911	62	15,354	4,800	7,600	9,611	2,860
1966.....	20,991	16,341	3,738	156	15,034	4,700	7,500	8,889	2,860
1967.....	15,826	10,414	2,187	49	15,081	4,600	7,400	8,726	2,860
1968.....	20,535	13,453	2,578	92	13,954	3,921	5,267	9,365	2,733

<sup>1</sup> Excluding citrus concentrates.<sup>2</sup> Hawaii and foreign operations.<sup>3</sup> Equivalent cases of 24 No. 2 cans.

Economic Research Service. Based on data obtained from various canners' associations and individual canners. Data for 1944-58 in *Agricultural Statistics, 1967*, table 374.

Table 370.—Fruits, dried: Production (dry basis), United States, 1960–69

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1960.....	9,990	9,170	22,100	17,200	5,510	1,440	98,350	194,100	357,860
1961.....	12,410	5,560	21,400	18,500	4,450	1,080	101,150	228,400	392,950
1962.....	15,970	4,900	24,200	20,400	6,340	1,490	109,310	191,300	373,910
1963.....	10,750	8,050	22,100	18,500	5,890	440	86,160	251,800	403,690
1964.....	8,890	6,230	24,300	19,000	5,180	1,350	132,100	231,500	428,550
1965.....	11,510	5,180	21,000	18,400	5,430	170	117,120	270,200	449,010
1966.....	15,900	6,500	21,300	20,600	3,380	1,280	96,910	280,300	446,170
1967.....	9,980	3,670	20,800	12,200	1,960	180	122,110	181,200	352,100
1968.....	10,860	3,850	23,000	15,800	2,820	400	107,420	264,500	428,650
1969 <sup>3</sup> .....	17,510	6,970	17,100	16,400	4,320	650	93,300	252,500	408,750

<sup>1</sup> Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates.<sup>2</sup> Includes 14,000 tons laid but lost in field because of rain.<sup>3</sup> Preliminary.

Economic Research Service. Compiled from reports of the Department and trade sources. All data on a natural condition basis. Data for 1944-59 in *Agricultural Statistics, 1967*, table 375.



Table 371.—Fruits, dried: Commercial production in specified countries, 1967-69

Commodity and country	1967	1968	1969 <sup>1</sup>	Commodity and country	1967	1968	1969 <sup>1</sup>
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
Apples, dried:				Peaches, dried—Continued			
Australia.....	0.4	0.3		South Africa, Republic of.....	1.3	2.0	2.4
South Africa, Republic of.....	.1	2		Total.....	4.0	4.4	4.5
Total.....	.5	5		Pears, dried:			
Apricots, dried:				Australia.....	.2	.4	.1
Australia.....	3.7	1.5	3.1	South Africa, Republic of.....	.8	1.0	1.0
Iran.....	7.2	9.4	4.4	Total.....	1.0	1.4	1.1
Spain.....	2.1	1.4	1.3	Prunes, dried:			
South Africa, Republic of.....	1.1	1.1	1.2	Argentina.....	10.7	5.5	5.5
Total.....	14.1	13.4	10.0	Australia.....	6.5	1.8	3.7
Currants:				Chile.....	6.1	5.8	5.5
Australia.....	10.1	9.0	7.7	France.....	13.8	16.0	16.0
Greece.....	99.2	101.0	102.0	South Africa, Republic of.....	1.7	1.1	1.4
South Africa, Republic of.....	.7	.7	.8	Yugoslavia.....	25.2	14.1	35.0
Total.....	110.0	110.7	110.5	Total.....	64.0	44.3	67.1
Figs, dried:				Raisins:			
Greece.....	17.8	26.4	27.8	Argentina.....	6.2	12.1	2.2
Italy.....	27.6	23.4	24.4	Australia.....	105.9	81.4	49.6
Portugal.....	10.0	11.0	10.0	Chile.....	.9	.8	.8
Turkey.....	51.8	49.6	53.0	Greece.....	62.8	106.0	86.0
Total.....	107.2	110.4	115.2	Iran.....	50.0	66.0	39.0
Peaches, dried:				South Africa, Republic of.....	9.2	13.0	14.5
Australia.....	.8	.6	.4	Spain.....	8.9	8.3	6.0
Chile.....	1.9	1.8	1.7	Turkey.....	103.0	114.0	88.0
				Total.....	346.9	401.6	286.1

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 372.—Fruits, frozen: Commercial pack, United States, 1960-69

Commodity	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
	<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>
Apples and applesauce.....	69,853	80,117	65,874	75,429	86,893	93,392	94,352	97,634	117,218	122,293
Apricots.....	15,258	12,164	10,874	13,881	16,002	16,369	16,172	13,349	14,293	17,325
Cherries, red tart.....	129,029	186,440	137,293	81,644	202,522	146,355	87,367	97,792	141,515	140,688
Cherries, sweet.....	779	2,197	3,064	1,043	1,605	1,491	3,278	3,332	1,287	2,265
Grapes and pulp.....	14,899	13,598	13,865	15,648	22,722	18,117	6,712	8,490	21,544	11,149
Peaches.....	72,928	60,774	53,569	65,607	76,250	59,453	65,190	73,358	82,035	53,572
Plums.....	1,156	822	755	7,113	8,448	6,091	5,355	9,939	7,371	6,061
Prunes.....	2,060	2,198	2,574	512	1,635	1,178	259	555		640
Purees, noncitrus.....					4,677	4,214	20,264	12,626	20,527	16,842
Berries:										
Blackberries.....	26,970	22,563	22,532	20,675	23,851	23,251	25,812	20,722	22,381	27,184
Blueberries.....	25,230	21,990	26,452	25,767	30,574	27,981	35,403	31,828	27,750	37,663
Boysenberries.....	10,229	13,020	11,987	9,521	8,840	8,962	9,165	8,433	8,953	9,253
Currants.....	1,156	822	755	965	1,295	715	650	891	557	1,337
Gooseberries.....	553	376	433	237	258	383	968	309	415	690
Loganberries.....	1,804	2,215	1,660	2,023	1,344	1,243	1,750	1,672	2,502	1,681
Oallieberries.....			1,358	2,663	309	3,821	63	4,269	4,446	5,510
Raspberries.....	37,374	20,199	30,487	38,773	31,289	33,841	35,040	31,105	26,044	34,062
Strawberries.....	217,477	222,694	234,620	234,440	252,646	191,613	236,492	213,340	213,275	178,693
Citrus juices <sup>1</sup> .....	954,736	1,002,999	1,253,558	490,893	607,009	885,010	791,436	1,372,402	858,652	1,164,152
Miscellaneous fruits and berries.....	34,119	34,559	50,721	23,573	23,994	14,982	19,278	12,169	16,344	11,375
Total.....	1,614,454	1,707,925	1,921,676	1,110,407	1,402,163	1,538,462	1,455,006	2,014,215	1,587,109	1,842,435

<sup>1</sup> Florida only, beginning 1963.

Economic Research Service. Data from American Frozen Food Institute, Florida Canners Association, Lemon Products Advisory Board, and survey of citrus industry in California-Arizona by the U.S. Department of Agriculture.

Table 373.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1969<sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples and applesauce.....	43,606	16,542	42,397	19,748	122,293
Apricots.....				17,325	17,325
Cherries, red tart.....	<sup>6</sup> 20,789		111,585	8,314	140,688
Cherries, sweet.....			<sup>7</sup> 442	1,823	2,265
Grapes and pulp.....	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	11,149
Peaches.....		<sup>7</sup> 11,628		41,944	53,572
Plums.....			<sup>7</sup> 1,053	5,008	6,061
Prunes.....	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	640
Purees, noncitrus.....	<sup>6</sup> 6,138		1,078	9,626	16,842
Berries:					
Blackberries.....				<sup>9</sup> 27,184	27,184
Blueberries.....	<sup>6</sup> 16,252		19,476	1,935	37,663
Boysenberries.....				9,253	9,253
Currants.....				<sup>7</sup> 1,337	1,337
Gooseberries.....	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	690
Loganberries.....				1,681	1,681
Olallieberries.....				5,510	5,510
Raspberries, black.....			<sup>7</sup> 1,053	5,352	6,405
Raspberries, red.....				<sup>9</sup> 27,657	27,657
Strawberries.....			<sup>6</sup> 16,581	162,112	178,693
Citrus juices <sup>10</sup> .....		1,164,152			<sup>11</sup> 1,164,152
Miscellaneous fruits and berries.....			<sup>6</sup> 7 1,595	9,780	11,375
Total.....	86,785	1,192,322	195,260	355,589	1,842,435

<sup>1</sup> Includes the commercial pack only and does not include quantities produced in frozen food locker plants.

<sup>2</sup> Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island.

<sup>3</sup> Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

<sup>4</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin.

<sup>5</sup> Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington.

<sup>6</sup> Includes pack in South.

<sup>7</sup> Includes pack in Northeast.

<sup>8</sup> Data by regions not available for publication.

<sup>9</sup> Includes pack in Midwest.

<sup>10</sup> See table 325 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.

<sup>11</sup> Florida only.

Economic Research Service. Data from American Frozen Food Institute and Florida Canners Association.

Table 374.—Canned fruits and fruit juices: Canners' and distributors' stocks, beginning of season, United States, 1967-69

Commodity	Season beginning—	Canners' stocks			Distributors' stocks		
		1967	1968	1969	1967	1968	1969
		1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
<b>Canned fruits:</b>							
Apples.....	July 1.....	1,365	1,742	2,000	372	399	377
Applesauce.....	July 1.....	6,163	6,959	8,012	1,504	1,471	1,550
Apricots.....	June 1.....	1,269	1,163		548	475	
Cherries, red pitted.....	July 1.....	46	28	123	131	116	191
Cherries, sweet.....	June 1.....	197	282		136	165	
Grapefruit sections <sup>2</sup> .....	Nov. 1.....	762	359	543	372	332	327
Peaches.....	June 1.....	6,630	4,720		3,453	2,943	
Pears.....	June 1.....	3,114	1,794		1,424	1,056	
Pineapple.....	June 1.....	7,593	7,866	8,357	1,741	1,783	1,896
Purple plums.....	June 1.....	536	592	277	226	242	168
Fruit cocktail.....	June 1.....	4,397	4,457		2,197	1,813	
<b>Canned juices:</b>							
Grapefruit <sup>2</sup> .....	Nov. 1.....	2,401	2,327	1,093	1,054	965	989
Orange <sup>2</sup> .....	Nov. 1.....	1,528	514	1,264	915	787	731
Blended orange and grapefruit <sup>2</sup> .....	Nov. 1.....	513	319	291	383	328	296
Pineapple <sup>3</sup> .....	June 1.....	3,525	3,289	2,105	1,076	925	775

<sup>1</sup> Actual cases.

<sup>2</sup> Canners' stocks cover Florida only.

<sup>3</sup> Canners' stocks include the Philippines.

Consumer and Marketing Service. Compiled from reports of the U.S. Department of Commerce.

Table 375.—Fruits and juices: Cold-storage carryover stocks, United States, 1960–69

Year	Fresh		Frozen				
	Apples (July 1)	Pears (June 1)	Apples (Oct. 1)	Apricots (June 1)	Cherries (July 1)	Grapes (Sept. 1)	Peaches (July 1)
	<i>1,000 pounds</i>	<i>1,000 boxes</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>
1960.....	1,316	7	16,414	2,972	9,976	1,704	12,986
1961.....	12,006	0	20,309	6,100	8,821	4,151	25,167
1962.....	13,706	6	27,477	5,397	50,451	4,120	27,713
1963.....	31,484	32	25,588	4,590	40,784	3,609	18,933
1964.....	33,028	197	25,377	6,052	12,118	3,842	18,385
1965.....	70,645	23	26,534	7,715	66,129	2,967	32,758
1966.....	16,996	34	39,874	7,079	46,090	8,297	19,947
1967.....	49,348	25	27,071	6,370	14,248	5,219	16,949
1968.....	34,815	3	34,866	3,913	12,714	4,335	24,233
1969.....	44,882	5	51,346	4,443	33,535	2,267	35,063

  

Year	Frozen—Continued						
	Black- berries (June 1)	Blue- berries (July 1)	Rasp- berries (June 1)	Boysen- berries (June 1)	Straw- berries (May 1)	Orange juice (Nov. 1)	Other fruit juices and purees (Nov. 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>
1960.....	6,506	8,917	11,590	4,882	84,648	197,021	156,387
1961.....	8,709	13,237	12,317	4,152	89,486	222,717	158,311
1962.....	8,319	12,962	8,220	5,551	76,571	418,767	159,181
1963.....	7,706	9,946	7,571	4,372	79,434	223,483	129,008
1964.....	3,586	6,624	12,082	2,569	61,598	183,143	107,234
1965.....	5,484	6,836	11,848	2,016	84,683	294,753	149,665
1966.....	10,692	8,207	13,156	4,049	82,242	242,906	157,507
1967.....	17,276	18,013	16,898	8,051	107,353	422,938	172,484
1968.....	11,724	19,614	10,958	6,362	81,266	232,127	131,586
1969.....	5,907	14,298	7,493	3,102	94,535	293,728	132,056

<sup>1</sup> Thousand bushels.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 380.

Table 376.—Fruits: total and per capita civilian consumption, United States, 1954-69<sup>1</sup>

Year	Fruits used fresh							
	Total fruits		Apples <sup>2</sup>		Citrus fruits		Other fresh fruits <sup>3</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1954	15,728	105.1	3,178	20.0	6,689	42.0	6,861	43.1
1955	16,137	99.4	3,179	19.6	6,793	41.8	6,165	38.0
1956	16,359	98.9	3,131	18.9	6,473	39.1	6,755	40.9
1957	16,290	96.7	3,249	19.3	6,253	37.1	6,788	40.3
1958	16,121	94.0	3,867	22.5	5,309	31.0	6,945	40.5
1959	16,692	95.7	3,678	21.1	5,930	34.0	7,084	40.6
1960	16,628	93.3	3,256	18.2	6,000	33.7	7,372	41.4
1961	16,044	88.5	2,973	16.4	5,581	30.8	7,490	41.3
1962	15,318	83.3	3,202	17.4	5,421	29.5	6,695	36.4
1963	13,896	74.4	3,114	16.7	4,128	22.1	6,654	35.6
1964	14,590	78.6	3,379	17.8	4,951	26.1	6,560	34.7
1965	15,531	80.9	3,126	16.3	5,568	29.0	6,837	35.6
1966	15,736	81.2	3,084	15.9	5,626	29.0	7,026	36.3
1967	15,801	80.7	3,159	16.1	6,171	31.5	6,471	33.1
1968	15,418	78.0	3,087	15.6	5,175	26.2	7,156	36.2
1969	15,801	79.1	2,986	15.0	5,689	28.5	7,126	35.6

  

Year	Canned fruits <sup>4</sup>		Canned juices <sup>5</sup>		Dried fruits <sup>6</sup>		Frozen fruits <sup>7</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Million pounds</i>	<i>Pounds</i>
1954	3,365	21.2	2,096	13.2	622	3.9	1,185	7.4
1955	3,656	22.5	2,273	15.0	590	3.6	1,415	8.7
1956	<sup>9</sup> 3,617	<sup>9</sup> 21.9	2,448	14.8	615	3.7	1,457	8.8
1957	3,791	22.6	2,621	15.6	607	3.6	1,512	9.0
1958	3,926	22.9	2,768	16.1	518	3.0	1,363	7.9
1959	3,905	22.3	2,443	14.0	572	3.2	1,534	8.8
1960	4,091	23.0	2,687	15.1	553	3.1	1,619	9.1
1961	4,276	23.6	2,432	13.4	566	3.1	1,597	8.8
1962	4,256	23.1	2,561	14.0	556	3.0	1,779	9.7
1963	4,335	23.2	2,634	14.1	551	2.9	1,486	8.0
1964	4,426	23.3	2,428	12.8	552	2.9	1,399	7.4
1965	4,559	23.7	2,458	12.8	571	3.0	1,625	8.5
1966	4,516	23.3	2,874	14.8	585	3.0	1,566	8.1
1967	4,497	23.0	3,149	16.1	544	2.8	1,969	10.1
1968	4,550	23.0	3,240	16.4	550	2.8	1,846	9.3
1969	4,941	24.8	3,735	18.8	530	2.6	1,847	9.3

<sup>1</sup> Fresh citrus fruits are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies.

<sup>2</sup> Excludes noncommercial apples.

<sup>3</sup> Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapples, papayas beginning 1960, plums and prunes, and strawberries.

<sup>4</sup> Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, citrus sections, olives (including brined), pineapple, plums, prunes, peaches (including spiced), and pears.

<sup>5</sup> Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune juices, and fruit nectars. Including canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices.

<sup>6</sup> Dried apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Data are in terms of processed dried weight.

<sup>7</sup> Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

<sup>8</sup> Beginning 1955, includes chilled citrus juices.

<sup>9</sup> Beginning 1956, includes chilled sections and salad.

Economic Research Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 381.

Table 377.—Tree nuts: Supply and distribution, United States, 1954-69<sup>1</sup>

Crop year	In-the-shell basis							Loss in shelling process	Shelled basis	
	United States production <sup>2</sup>	Imports <sup>3</sup>	Beginning stocks	Total supply	Ex-ports <sup>3</sup>	Ending stocks	Civilian disappearance		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	Pounds	
1954.....	347,578	391,430	82,493	821,501	37,648	34,362	749,491	490,420	259,071	1.61
1955.....	393,231	400,294	34,297	827,822	22,120	93,739	711,963	466,788	245,175	1.50
1956.....	441,096	310,358	93,702	845,156	39,570	142,821	662,765	426,515	236,250	1.41
1957.....	373,870	414,942	142,677	931,489	32,166	98,614	800,709	529,635	271,074	1.59
1958.....	404,730	417,093	98,526	920,349	25,136	102,924	792,289	520,075	272,214	1.57
1959.....	458,532	394,560	102,875	955,967	55,621	110,406	789,940	518,475	271,465	1.54
1960.....	459,271	387,304	110,206	956,781	35,869	114,021	806,891	523,519	283,372	1.58
1961.....	548,189	357,495	113,907	1,019,591	28,683	164,374	826,534	529,954	296,580	1.63
1962.....	351,480	402,401	164,199	918,080	31,708	97,071	789,301	515,735	273,566	1.48
1963.....	681,561	416,478	96,988	1,195,027	52,315	252,948	889,764	586,070	303,694	1.61
1964.....	533,407	392,116	252,853	1,178,376	52,448	242,775	883,153	572,955	310,198	1.62
1965.....	581,108	410,598	242,775	1,234,481	71,818	206,112	956,551	622,491	334,060	1.73
1966.....	556,876	391,162	206,112	1,154,150	63,454	177,894	912,802	587,340	325,462	1.67
1967.....	560,272	482,341	177,894	1,220,507	64,783	161,782	993,942	655,887	338,055	1.72
1968 <sup>4</sup> .....	557,764	538,680	161,782	1,258,226	56,463	166,400	1,035,363	682,066	353,297	1.78
1969 <sup>4</sup> .....			166,400							

<sup>1</sup> Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, and miscellaneous tree nuts. Beginning 1960, includes macadamias.

<sup>2</sup> Almonds, filberts, walnuts, pecans, and macadamias; no reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

<sup>3</sup> Foreign trade data on a fiscal-year basis, beginning July 1 of year indicated.

<sup>4</sup> Preliminary.

Economic Research Service. Data for 1950-53 in *Agricultural Statistics, 1968*, table 377.

Table 378.—Tree nuts: Commercial production in specified countries, 1967-69

Commodity and country	1967	1968	1969	Commodity and country	1967	1968	1969
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Almonds (shelled basis):				Filberts (in the shell)—			
Iran.....	6.0	8.0	6.0	Continued			
Italy.....	43.0	46.0	23.0	Spain.....	19.0	20.0	10.0
Morocco.....	5.5	3.5	3.0	Turkey.....	77.0	145.0	165.0
Portugal.....	6.0	5.0	2.0	Total.....	156.0	255.0	225.0
Spain.....	30.0	41.0	28.0	Walnuts (in the shell):			
Total.....	90.5	103.5	62.0	France.....	27.0	24.0	30.0
Brazil nuts (in the shell):				Italy.....	25.0	18.0	23.0
Brazil.....	32.0	65.0	36.0	Turkey.....	8.0	11.0	9.0
Filberts (in the shell):				Yugoslavia.....	3.0	2.5	3.5
Italy.....	60.0	90.0	50.0	Total.....	63.0	55.5	65.5

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 379.—Almonds (in the shell): Production, season average price per ton, value, and imports, United States, 1954-69<sup>1</sup>

Year	California			Imports, year be- ginning July <sup>2</sup>	Year	California			Imports, year be- ginning July <sup>2</sup>
	Produc- tion	Price	Value			Produc- tion	Price	Value	
	Tons	Dollars	1,000 dollars	Tons		Tons	Dollars	1,000 dollars	Tons
1954.....	43,200	498	21,514	2,206	1962.....	48,000	654	31,392	279
1955.....	38,300	861	32,976	726	1963.....	59,700	591	35,283	361
1956.....	58,600	804	47,114	112	1964.....	75,400	630	47,502	486
1957.....	37,500	505	18,938	8,024	1965.....	72,900	617	44,979	561
1958.....	19,800	772	15,286	20,106	1966.....	85,100	610	51,911	658
1959.....	82,800	466	38,585	2,572	1967.....	76,600	582	44,581	631
1960.....	53,000	526	27,878	1,131	1968.....	74,500	597	44,476	1,744
1961.....	66,400	561	37,250	644	1969 <sup>3</sup> .....	122,000	.....	<sup>4</sup> 72,834	.....

<sup>1</sup> Production, price, and value for California only. Production of almonds was also reported in several other States in the 1964 Census of Agriculture, but more than 99.9 percent of the total production was in California.

<sup>2</sup> Shelled nuts converted to in-the-shell basis at ratio 1 to 3.333.

<sup>3</sup> Preliminary.

<sup>4</sup> The 1968 season average price used in evaluating production.

Statistical Reporting Service and Economic Research Service. Imports from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 384.

Table 380.—Filberts (in the shell): Production, season average price per ton, value, and imports, United States, 1954-69<sup>1</sup>

Year	Oregon			Washington			Oregon and Washington			Imports, year be- ginning July <sup>4</sup>
	Produc- tion <sup>2</sup>	Price <sup>3</sup>	Value	Produc- tion <sup>2</sup>	Price <sup>3</sup>	Value	Produc- tion <sup>2</sup>	Price <sup>3</sup>	Value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons
1954.....	7,850	320	2,512	620	322	200	8,470	320	2,712	7,711
1955.....	7,400	420	3,108	310	422	131	7,710	420	3,239	6,699
1956.....	2,900	510	1,479	140	513	72	3,040	510	1,551	6,468
1957.....	11,700	300	3,510	610	303	185	12,310	300	3,695	5,792
1958.....	7,100	380	2,698	440	380	167	7,540	380	2,865	7,680
1959.....	9,500	376	3,572	600	378	227	10,100	376	3,799	7,439
1960.....	8,400	420	3,528	550	422	232	8,950	420	3,760	5,981
1961.....	11,100	380	4,218	660	382	252	11,780	380	4,470	3,359
1962.....	7,300	440	3,212	480	442	212	7,780	440	3,424	3,431
1963.....	6,600	470	3,102	360	470	169	6,980	470	3,271	5,780
1964.....	7,800	440	3,432	290	442	128	8,090	440	3,560	5,164
1965.....	7,300	450	3,285	440	452	199	7,740	450	3,484	6,080
1966.....	11,700	390	4,563	520	418	217	12,220	391	4,780	4,409
1967.....	7,000	492	3,444	540	497	268	7,540	492	3,712	8,485
1968.....	7,000	518	3,626	600	520	312	7,600	518	3,938	9,413
1969 <sup>5</sup> .....	6,900	560	3,864	400	562	225	7,300	560	4,089	.....

<sup>1</sup> Production, price, and value for Oregon and Washington only. Production of small quantities of hazel-nuts (filberts) was reported in several other States in the 1964 Census of Agriculture.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Equivalent returns per ton at first delivery point. Total U.S. prices obtained by weighting State prices by quantity sold.

<sup>4</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.22.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Imports from reports of the U.S. Department of Commerce. Data for 1927-53 in *Agricultural Statistics, 1967*, table 385.

Table 381.—Pecans (in the shell): Production and season average price per pound, by States, 1967-69

Item and State	Production			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>IMPROVED VARIETIES<sup>2</sup></b>						
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
North Carolina.....	1,600	600	2,400	35.0	41.0	35.0
South Carolina.....	4,450	1,280	3,000	37.0	39.0	35.0
Georgia.....	45,000	35,000	71,000	39.0	42.5	31.5
Florida.....	2,000	3,200	2,300	39.0	40.0	29.0
Alabama.....	21,500	27,500	29,000	35.0	42.0	31.0
Mississippi.....	8,200	6,000	7,500	36.0	39.0	34.0
Arkansas.....	2,050	550	2,700	35.0	41.0	33.0
Louisiana.....	5,500	2,500	7,000	35.0	36.0	31.0
Oklahoma.....	4,000	100	1,200	40.0	45.0	41.0
Texas.....	7,000	8,000	6,000	39.0	40.0	40.0
New Mexico.....	2,900	10,000	7,500	47.0	48.5	37.0
United States.....	104,200	94,730	139,600	37.7	42.3	32.4
<b>WILDLIFE SEEDLING PECANS</b>						
North Carolina.....	300	200	600	27.0	30.0	27.0
South Carolina.....	1,250	320	500	28.0	32.0	25.0
Georgia.....	10,000	7,000	12,000	31.5	34.0	25.5
Florida.....	1,900	3,000	2,300	29.0	34.0	25.0
Alabama.....	6,500	4,000	7,000	31.0	34.0	25.0
Mississippi.....	8,800	5,000	6,500	30.0	33.0	28.0
Arkansas.....	6,950	1,850	6,300	31.0	32.0	27.0
Louisiana.....	16,000	14,000	21,000	29.0	31.0	26.5
Oklahoma.....	49,000	1,400	15,800	30.0	32.0	27.0
Texas.....	27,000	61,000	24,000	31.5	33.0	27.0
United States.....	127,700	97,770	96,000	30.4	32.8	26.6
<b>TOTAL</b>						
North Carolina.....	1,900	800	3,000	33.9	38.2	33.5
South Carolina.....	5,700	1,600	3,500	35.0	37.6	33.5
Georgia.....	55,000	42,000	83,000	37.6	41.1	30.6
Florida.....	3,900	6,200	4,600	33.9	37.0	26.9
Alabama.....	28,000	31,500	36,000	34.1	41.0	29.9
Mississippi.....	17,000	11,000	14,000	32.8	36.2	31.1
Arkansas.....	9,000	2,400	9,000	31.9	34.1	28.8
Louisiana.....	21,500	16,500	28,000	30.0	31.7	27.6
Oklahoma.....	53,000	1,500	17,000	30.7	32.7	28.0
Texas.....	34,000	69,000	30,000	33.1	33.8	29.6
New Mexico.....	2,900	10,000	7,500	47.0	48.5	37.0
United States.....	231,900	192,500	235,600	33.6	37.5	30.0

<sup>1</sup> Preliminary.

<sup>2</sup> Budded, grafted, or topworked varieties.

Table 382.—Pecans (in the shell): Production, season average price per pound, value, and foreign trade, United States, 1954-69

Year	Improved varieties			Seedling			Total			Foreign trade	
	Production	Price <sup>1</sup>	Value	Production	Price <sup>1</sup>	Value	Production	Price <sup>1</sup>	Value	Imports <sup>2</sup>	Domestic exports <sup>2</sup>
	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
1954	43,800	32.7	14,292	50,800	25.2	12,765	94,600	28.6	27,057	885	2,859
1955	42,800	40.9	17,492	104,500	29.6	30,939	147,300	32.8	48,431	2,027	1,830
1956	106,850	19.2	20,503	67,550	17.4	11,784	174,400	18.5	32,287	919	2,298
1957	34,160	31.0	10,600	107,440	21.6	23,214	141,600	23.7	33,814	991	2,624
1958	105,900	29.3	31,001	67,450	26.3	17,738	173,350	28.1	48,739	1,361	2,567
1959	70,600	34.1	24,089	74,900	31.0	23,218	145,500	32.5	47,307	2,447	2,922
1960	80,220	34.1	27,326	107,280	28.7	30,797	187,500	31.0	58,123	2,066	2,830
1961	146,850	19.4	28,572	106,700	16.1	17,213	253,500	18.1	45,785	245	3,486
1962	39,775	39.0	15,455	35,525	31.0	10,996	75,300	35.2	26,451	2,319	4,157
1963	220,550	18.7	41,382	155,850	17.8	27,784	376,400	18.4	69,166	1,674	4,238
1964	55,950	27.5	15,388	122,650	20.4	25,002	178,600	22.6	40,390	913	8,424
1965	123,050	20.3	24,958	128,050	15.6	19,993	251,100	17.9	44,951	175	5,883
1966	83,960	31.7	26,538	77,640	26.0	20,214	161,600	28.9	46,752	20	6,251
1967	104,200	37.7	39,233	127,700	30.4	38,786	231,900	33.6	78,025	1,771	3,900
1968	94,730	42.3	40,011	97,770	32.8	32,082	192,500	37.5	72,093	1,857	4,620
1969 <sup>3</sup>	139,600	32.4	45,190	96,000	26.6	25,504	235,600	30.0	70,694		

<sup>1</sup> Obtained by weighting State prices by quantity sold.<sup>2</sup> 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 2.58.<sup>3</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 387.Table 383.—Walnuts, Persian (English), (in the shell): Production, season average price per ton, value, and foreign trade, United States, 1954-69<sup>1</sup>

Year	California			Oregon			California and Oregon			Foreign trade, year beginning July <sup>4</sup>	
	Production <sup>2</sup>	Price	Value	Production <sup>2</sup>	Price	Value	Production <sup>2</sup>	Price <sup>3</sup>	Value	Domestic exports	Imports
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons
1954	67,000	360	24,120	8,100	260	2,106	75,100	350	26,226	5,147	9,509
1955	72,000	555	39,960	5,100	470	2,397	77,100	550	42,357	1,800	14,569
1956	69,000	442	30,498	2,800	390	1,092	71,800	440	31,590	1,602	5,068
1957	61,300	427	26,175	5,300	400	2,120	66,600	425	28,295	2,072	3,950
1958	82,200	377	30,989	6,500	380	2,470	88,700	377	33,459	6,358	3,973
1959	58,500	483	28,256	4,200	450	1,890	62,700	481	30,146	1,846	6,228
1960	70,300	535	37,610	2,500	570	1,425	72,800	536	39,035	1,147	8,495
1961	61,200	473	28,948	6,300	410	2,583	67,500	467	31,531	1,226	4,385
1962	77,000	469	36,113	2,900	420	1,218	79,900	467	37,331	1,256	5,062
1963	79,300	460	36,478	3,800	450	1,710	83,100	460	38,188	1,668	3,634
1964	88,100	458	39,434	4,100	430	1,763	90,200	457	41,197	1,778	2,965
1965	79,000	432	34,128	1,300	420	546	80,300	432	34,674	5,688	1,711
1966	92,000	460	42,320	4,000	400	1,600	96,000	458	43,920	4,816	3,192
1967	74,000	560	41,440	2,400	500	1,200	76,400	558	42,640	3,669	4,960
1968	92,000	650	59,800	3,600	540	1,944	95,600	646	61,744	2,677	4,053
1969 <sup>5</sup>	100,000	( <sup>6</sup> )	74,400	2,500	394	985	102,500	( <sup>6</sup> )	74,385		

<sup>1</sup> Production, price, and value for California and Oregon only.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Obtained by weighting State prices by quantity sold.<sup>4</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.38.<sup>5</sup> Preliminary.<sup>6</sup> Not available.<sup>7</sup> The 1968 season average price was used in evaluating production.Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 388.



**Table 384.—Tea: Exports from principal producing countries, average 1960–64, annual 1968 and 1969**

Continent and country	Average 1960–64	1968	1969 <sup>1</sup>	Continent and country	Average 1960–64	1968	1969 <sup>1</sup>
	<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:				Asia:			
Argentina.....	14,009	32,393	20,000	Ceylon.....	439,657	460,041	443,998
Brazil.....	2,839	6,691	6,500	China:			
Peru.....	70	150	150	Mainland <sup>4</sup> .....	69,800	70,000	70,000
Total.....	16,918	39,234	26,650	Taiwan.....	29,944	40,549	44,500
Africa:				India.....	461,828	459,532	371,939
Congo (Kinshasa).....	8,441	12,236	10,000	Indonesia.....	74,138	73,290	60,000
Kenya <sup>2</sup> .....	28,974	60,628	72,646	Japan.....	14,908	4,481	3,600
Mauritius.....	1,540	3,770	4,000	Malaysia <sup>5</sup> .....	4,883	4,209	4,500
Mozambique.....	19,541	31,401	34,037	Pakistan.....	3,846		
Malawi <sup>3</sup> .....	27,172	36,215	39,991	Turkey.....	679	16,208	17,000
Tanzania <sup>2</sup> .....	8,282	14,748	16,500	Vietnam, South.....	3,862	1,598	1,400
Uganda <sup>2</sup> .....	10,857	24,686	34,500	Total.....	1,103,545	1,129,908	1,016,937
Total.....	104,807	183,684	211,674	Grand total.....	1,225,270	1,352,826	1,255,261

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes trade between Kenya, Uganda, and Tanzania.

<sup>3</sup> Includes Rhodesia.

<sup>4</sup> Estimated.

<sup>5</sup> Malaya only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 385.—Tea: United States imports by country of origin, average 1960–64, annual 1968 and 1969**

Continent and country	Average 1960–64	1968	1969 <sup>1</sup>	Continent and country	Average 1960–64	1968	1969 <sup>1</sup>
	<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:				Asia and Oceania—Continued			
Canada.....	1,556	4,208	3,975	India.....	26,623	23,755	19,347
South America:				Indonesia.....	14,145	20,275	20,612
Argentina.....	495	2,000	2,519	Japan.....	2,161	4,005	2,850
Brazil.....	735	850	380	Malaysia.....	80	868	617
Other.....	51	33	164	Pakistan.....	45	13	
Total.....	1,281	2,883	3,063	China (Taiwan).....	6,925	6,640	4,721
Europe:				Other.....	64	634	104
Germany, West.....	26	39	19	Total.....	101,639	106,422	100,266
Ireland.....	11	16	15	Africa:			
Netherlands.....	5,693	17,229	6,283	Congo (Kinshasa).....	627	742	799
United Kingdom.....	1,153	662	588	East Africa <sup>2</sup> .....	6,820	14,672	15,777
Other.....	10	26	6	Mozambique.....	1,824	3,005	2,953
Total.....	6,893	17,972	6,911	Malawi <sup>3</sup> .....	2,032	4,883	5,750
Asia and Oceania:				South Africa, Republic of.....	52	287	205
Ceylon.....	51,312	49,937	51,822	Other.....	41	290	262
Hong Kong.....	284	295	193	Total.....	11,396	23,879	25,746
Total.....				Grand total.....	122,765	155,364	139,961

<sup>1</sup> Preliminary.

<sup>2</sup> Includes Kenya, Uganda, and Tanzania.

<sup>3</sup> Includes Rhodesia.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 386.—Cacao beans: Exports from principal producing countries, average 1960-64, annual 1968 and 1969

Continent and country	Average 1960-64	1968	1969 <sup>1</sup>	Continent and country	Average 1960-64	1968	1969 <sup>1</sup>
North America:	1,000 pounds	1,000 pounds	1,000 pounds	Africa—Continued	1,000 pounds	1,000 pounds	1,000 pounds
Costa Rica .....	23,227	11,464	17,500	Congo (Kinshasa) .....	11,997	11,162	9,397
Cuba .....	269			Spanish Africa <sup>4</sup> .....	68,625	87,459	68,374
Dominican Republic .....	46,936	55,701	51,246	Gabon .....	7,218	8,527	9,000
Grenada .....	5,104	6,429	6,581	Ghana .....	358,088	739,123	673,964
Haiti <sup>2</sup> .....	2,070	827	2,864	Ivory Coast .....	210,041	267,782	265,000
Jamaica .....	3,391	3,210	3,500	Liberia .....	1,980	5,051	4,220
Mexico .....	18,554	12,965	13,000	Malagasy Republic .....	840	1,473	1,500
Panama .....	2,410	836	900	Nigeria .....	402,377	460,508	382,737
Trinidad and Tobago .....	13,155	13,203	9,000	Sao Tome and Principe .....	21,616	24,440	22,000
Other .....	2,640	1,650	2,000	Sierra Leone .....	7,717	7,717	7,000
Total .....	117,756	106,285	106,591	Togo .....	24,595	31,614	38,000
South America:				Total .....	1,764,529	1,802,923	1,645,182
Brazil .....	188,875	159,931	280,000	Asia and Oceania:			
Ecuador .....	71,709	143,458	71,319	Ceylon .....	5,190	3,893	4,000
Surinam .....	487	121	150	Indonesia .....	254	1,000	1,000
Venezuela .....	25,212	31,755	22,659	New Guinea .....	26,437	53,713	56,452
Total .....	286,283	335,265	374,128	New Hebrides .....	1,512	2,097	2,000
Africa:				Western Samoa .....	9,041	4,654	7,000
Angola .....	712	1,045	900	Total .....	42,434	65,357	70,452
Cameroon <sup>3</sup> .....	147,040	153,753	160,000	Grand total .....	2,211,002	2,309,830	2,196,353
Comoro Islands .....	88	92	90				
Congo (Brazzaville) .....	1,640	3,177	3,000				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending Sept. 30.<sup>3</sup> Includes West Cameroon.<sup>4</sup> Fernando Po and Rio Muni.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 387.—Cacao beans: United States imports by country of origin, average 1960-64, annual 1968 and 1969

Continent and country	Average 1960-64	1968	1969 <sup>1</sup>	Continent and country	Average 1960-64	1968	1969 <sup>1</sup>
North America:	1,000 pounds	1,000 pounds	1,000 pounds	Africa:	1,000 pounds	1,000 pounds	1,000 pounds
Costa Rica .....	13,697	8,557	12,780	Cameroon .....	9,830	3,646	1,324
Dominican Republic .....	45,417	56,122	51,245	Ghana .....	229,031	164,364	188,627
Mexico .....	16,251	12,121	12,149	Ivory Coast <sup>3</sup> .....	52,621	48,182	36,342
Panama <sup>2</sup> .....	5,985	3,524	4,967	Nigeria .....	100,231	68,915	33,591
Trinidad and Tobago .....	7,714	7,966	4,202	Portuguese Africa .....	4,153		
Other .....	4,716	2,610	3,800	Spanish Africa .....	992		7
Total .....	93,760	90,900	89,143	Other .....	1,052	1,134	165
South America:				Total .....	397,910	286,241	260,056
Brazil .....	90,755	70,738	113,696	Asia and Oceania .....	8,072	10,706	6,118
Ecuador .....	33,243	39,926	14,025	Europe .....	226	160	246
Venezuela .....	12,502	11,641	5,101	Grand total .....	637,870	511,164	489,320
Other .....	1,402	852	935				
Total .....	137,902	123,157	133,757				

<sup>1</sup> Preliminary.<sup>2</sup> Includes some Costa Rican cocoa.<sup>3</sup> Includes Togo.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 388.—Coffee: United States imports by country of origin, average 1960–64, annual 1968 and 1969**

Continent and country	Average 1960–64	1968	1969 <sup>1</sup>	Continent and country	Average 1960–64	1968	1969 <sup>1</sup>
	<i>1,000 bags<sup>2</sup></i>	<i>1,000 bags<sup>2</sup></i>	<i>1,000 bags<sup>2</sup></i>		<i>1,000 bags<sup>2</sup></i>	<i>1,000 bags<sup>2</sup></i>	<i>1,000 bags<sup>2</sup></i>
<b>North America:</b>				<b>Africa—Continued</b>			
Costa Rica .....	321	294	271	Congo (Kinshasa) .....	476	260	158
Dominican Republic .....	397	329	326	Ethiopia .....	732	963	943
El Salvador .....	663	579	596	Ivory Coast .....	779	1,458	814
Guatemala .....	917	718	825	Kenya <sup>3</sup> .....		212	117
Mexico .....	1,186	1,293	1,125	Tanzania <sup>3</sup> .....	1,290	201	252
Nicaragua .....	196	216	153	Uganda <sup>3</sup> .....		1,202	1,024
Other .....	364	482	363	Other .....	516	1,654	1,388
<b>Total .....</b>	<b>4,044</b>	<b>3,911</b>	<b>3,659</b>	<b>Total .....</b>	<b>4,926</b>	<b>7,704</b>	<b>5,990</b>
<b>South America:</b>				<b>Asia and Oceania:</b>			
Brazil .....	8,682	8,318	5,779	India .....	33	118	118
Colombia .....	4,060	3,050	2,479	Indonesia .....	261	993	922
Ecuador .....	282	417	377	Other .....	24	133	124
Venezuela .....	307	159	283	<b>Total .....</b>	<b>318</b>	<b>1,244</b>	<b>1,164</b>
Other .....	494	571	497	<b>Other .....</b>	<b>1</b>	<b>6</b>	<b>5</b>
<b>Total .....</b>	<b>13,825</b>	<b>12,515</b>	<b>9,415</b>	<b>Grand total .....</b>	<b>23,114</b>	<b>25,380</b>	<b>20,233</b>
<b>Africa:</b>							
Angola .....	1,133	1,754	1,294				

<sup>1</sup> Preliminary.<sup>2</sup> Bags of 60 kilos or 132.276 pounds each.<sup>3</sup> Prior to 1964, included in British East Africa.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 389.—Coffee: Exports from principal producing countries, average 1960–64, annual 1968 and 1969**

Continent and country of origin	Average 1960–64	1968	1969 <sup>1</sup>	Continent and country of origin	Average 1960–64	1968	1969 <sup>1</sup>
	<i>1,000 bags<sup>2</sup></i>	<i>1,000 bags<sup>2</sup></i>	<i>1,000 bags<sup>2</sup></i>		<i>1,000 bags<sup>2</sup></i>	<i>1,000 bags<sup>2</sup></i>	<i>1,000 bags<sup>2</sup></i>
<b>North America:</b>				<b>Africa—Continued</b>			
Costa Rica .....	872	1,142	1,110	Central African Republic .....	131	137	100
Dominican Republic .....	468	392	370	Congo (Kinshasa) .....	694	948	1,021
El Salvador .....	1,637	1,970	1,735	Ethiopia .....	1,035	1,273	1,445
Guatemala .....	1,385	1,572	1,390	Guinea, Republic of .....	182	205	150
Haiti .....	405	292	280	Ivory Coast .....	2,762	3,574	2,950
Honduras .....	278	440	396	Kenya .....	572	627	812
Mexico .....	1,436	1,588	1,565	Malagasy Republic .....	728	897	665
Nicaragua .....	369	474	473	Equatorial Guinea .....	118	120	110
Other .....	174	338	286	Tanzania <sup>3</sup> .....	455	819	800
<b>Total .....</b>	<b>7,024</b>	<b>8,208</b>	<b>7,605</b>	Togo .....	162	170	140
<b>South America:</b>				Uganda .....	2,146	2,533	2,750
Brazil .....	16,925	18,457	19,039	Other .....	645	881	783
Colombia .....	6,139	6,588	6,478	<b>Total .....</b>	<b>12,385</b>	<b>16,553</b>	<b>15,787</b>
Ecuador .....	476	819	626	<b>Asia and Oceania:</b>			
Peru .....	601	872	714	India .....	402	485	586
Venezuela .....	373	161	313	Indonesia .....	1,017	1,269	1,500
Other .....	95	102	40	Malaysia <sup>4</sup> .....	751	620	600
<b>Total .....</b>	<b>24,609</b>	<b>26,999</b>	<b>27,210</b>	Yemen .....	86	30	21
<b>Africa:</b>				Other .....	94	347	210
Angola .....	2,125	3,144	3,071	<b>Total .....</b>	<b>2,350</b>	<b>2,751</b>	<b>2,917</b>
Cameroon .....	630	1,225	990	<b>Grand total .....</b>	<b>46,368</b>	<b>54,511</b>	<b>53,519</b>

<sup>1</sup> Preliminary.<sup>2</sup> Bags of 60 kilos or 132.276 pounds each.<sup>3</sup> Prior to 1964, shown as Tanganyika; now includes Zanzibar.<sup>4</sup> Not a major producing country. Exports include coffee produced in neighboring countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## CHAPTER VI

### STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 411 shows the seeding rate for a number of specified crops. The State averages represent the latest information available and are based largely on surveys made annually or every few years. The United States average rates are derived by weighting the average for each State by the acreage planted to the particular crop. Rates are not shown for States where the crop is not estimated currently.

**Table 390.—Hay, all: Acreage, yield, production, value, and foreign trade, United States, 1954–69**

Year	Acreage harvested	Yield per acre	Production	Season average price per ton received by farmers <sup>1</sup>	Farm value	Foreign trade, year beginning July	
						Domestic exports	Imports
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
<i>1954</i>			<sup>2</sup> 103,198				
1954	73,721	1.46	107,834	21.90	2,372,369	24	30
1955	74,956	1.50	112,807	22.50	2,351,067	41	19
1956	72,292	1.49	107,978	22.20	2,286,388	61	19
1957	71,912	1.67	120,043	19.30	2,211,970	43	74
1958	70,547	1.70	120,100	18.80	2,186,374	42	22
<i>1959</i>			<sup>2</sup> 104,936				
1959	66,266	1.67	110,976	22.30	2,316,729	36	15
1960	67,313	1.76	118,158	21.70	2,409,957	52	10
1961	67,376	1.74	116,957	20.70	2,403,906	131	6
1962	67,563	1.80	121,759	21.80	2,553,386	46	24
1963	66,428	1.77	117,537	24.60	2,716,423	52	23
<i>1964</i>			<sup>2</sup> 113,157				
1964	67,375	1.76	118,778	23.90	2,809,128	119	21
1965	67,684	1.85	125,536	23.20	2,913,418	124	17
1966	65,140	1.86	121,027	25.00	2,892,224	109	6
1967	64,667	1.95	126,300	24.50	2,896,858	104	7
1968	62,693	2.00	125,522	23.60	2,854,573	129	4
1969 <sup>3</sup>	61,838	2.06	127,127	24.60	2,960,495		

<sup>1</sup> Price of hay sold baled. Obtained by weighting State prices by quantity sold.

<sup>2</sup> Includes soybean, cowpea, and peanut hay but excludes grass silage made from grasses, alfalfa, clover, or small grains.

<sup>3</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census for conterminous United States. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 395.

Table 391.—Hay: Acreage and production, by kinds, United States, 1954-69

Year	Alfalfa	Clover and timothy	Lespedeza	Soy-bean <sup>1</sup>	Cow-pea <sup>1</sup>	Peanut-vine	Grains cut green for hay	Wild hay	Other hay <sup>2</sup>	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
1954	26,576	17,451	3,433	876	251	1,254	4,720	12,880	6,280	73,721
1955	28,320	16,640	3,848	705	227	1,251	5,614	12,052	6,299	74,956
1956	29,103	14,648	3,809	524	216	981	5,616	11,730	5,685	72,292
1957	29,826	14,849	3,990	444	149	649	4,259	12,060	5,886	71,912
1958	28,941	15,341	4,406	472	107	641	3,517	11,215	5,907	70,547
1959	27,883	14,420	3,296	351	105	443	3,708	10,707	5,853	66,266
1960	27,580	14,564	3,172	440	75	479	3,063	11,581	6,359	67,313
1961	28,265	14,574	2,912	407	75	455	3,536	10,089	7,063	67,376
1962	28,257	14,635	2,492	453	76	440	2,933	11,320	6,957	67,563
1963	28,490	14,053	2,452	511	69	600	2,760	10,414	7,079	66,428
1964	29,384	13,440	2,471	463	52	452	2,942	10,584	7,587	67,375
1965	29,733	13,046	2,317			447	2,784	10,087	9,270	67,694
1966	29,002	13,139	1,788			403	2,966	9,088	8,754	65,140
1967	28,162	13,234	1,673			326	2,506	9,498	9,268	64,667
1968	27,078	13,351	1,482			306	2,666	8,844	8,966	62,693
1969 <sup>3</sup>	26,671	13,314	1,477			349	2,935	8,564	8,528	61,838

  

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
1954	56,364	24,806	2,951	913	163	761	5,290	9,935	6,651	107,834
1955	59,101	24,548	4,487	904	206	756	6,256	9,129	7,420	112,807
1956	60,940	21,177	4,092	675	179	607	5,543	8,504	6,261	107,978
1957	68,761	21,941	4,686	574	130	413	5,244	11,038	7,256	120,043
1958	66,522	24,639	5,722	674	100	457	4,405	10,086	7,495	120,100
1959	63,312	22,696	4,026	496	95	284	3,843	8,866	7,358	110,976
1960	67,083	23,883	3,736	631	70	328	3,744	10,605	8,078	118,158
1961	66,946	24,016	3,735	600	70	309	3,961	8,392	8,928	116,957
1962	71,731	22,262	2,885	623	72	296	3,798	11,073	9,019	121,759
1963	70,037	21,387	3,018	717	65	408	3,557	9,263	9,085	117,537
1964	71,304	19,821	3,049	653	50	309	3,872	9,387	10,333	118,778
1965	74,849	20,076	3,006			314	3,945	9,632	13,714	125,536
1966	72,712	21,068	2,242			282	3,900	7,771	13,052	121,027
1967	74,204	22,684	2,514			232	3,672	8,959	14,035	126,300
1968	73,251	23,679	2,073			221	3,861	7,918	14,519	125,522
1969 <sup>3</sup>	74,882	23,835	2,101			248	4,233	8,356	13,472	127,127

<sup>1</sup> Beginning 1965, included in "Other hay."<sup>2</sup> Includes small quantities of kinds of hay in the other columns in some States where they are not of sufficient importance to estimate separately.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 396.

Table 392.—Hay, all: Stocks on farms, United States, 1960-70

Year	Year		Year	Year	
	Jan. 1	May 1		Jan. 1	May 1
	1,000 tons	1,000 tons		1,000 tons	1,000 tons
1960	77,957	17,099	1966	88,524	22,697
1961	82,352	23,237	1967	84,843	21,932
1962	80,599	18,021	1968	89,119	25,158
1963	85,193	23,114	1969	90,406	23,873
1964	82,628	19,809	1970 <sup>1</sup>	89,937	24,211
1965	79,076	16,567			

<sup>1</sup> Preliminary.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 402.

Table 393.—Hay, all: Acreage, yield, production, and season average price per ton received by farmers, by States, 1967-69

State and division	Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Maine	329	306	294	461	436	419	25.00	25.00	25.50
New Hampshire	144	134	128	234	206	200	29.50	27.50	29.50
Vermont	586	545	512	1,063	960	938	24.00	25.00	26.50
Massachusetts	154	143	133	282	263	245	34.00	33.50	34.00
Rhode Island	14	13	13	27	26	27	37.00	36.00	39.00
Connecticut	121	116	104	239	220	207	36.50	35.50	36.50
New York	2,772	2,632	2,590	5,845	5,504	5,523	23.50	23.50	25.00
New Jersey	160	145	136	383	332	326	34.00	33.50	36.50
Pennsylvania	2,049	1,970	1,969	4,035	4,085	4,146	29.50	27.50	28.00
North Atlantic	6,329	6,004	5,879	12,569	12,032	12,031			
Ohio	1,654	1,646	1,481	2,936	3,400	2,907	26.50	24.50	24.50
Indiana	972	984	927	1,925	2,228	2,156	25.00	24.50	24.00
Illinois	1,409	1,305	1,281	3,808	3,554	3,411	22.00	22.50	23.50
Michigan	1,645	1,591	1,485	3,300	3,379	3,207	22.00	22.50	22.00
Wisconsin	4,090	4,049	4,022	10,268	10,783	10,949	19.50	18.00	17.50
Minnesota	3,407	3,356	3,185	7,583	7,731	7,938	20.50	20.50	21.00
Iowa	2,808	2,597	2,575	7,285	7,196	7,405	19.50	20.00	20.00
Missouri	2,914	2,869	2,838	5,642	5,706	5,620	20.50	21.00	21.50
North Dakota	3,904	3,420	3,296	4,145	3,880	4,061	16.00	15.50	15.50
South Dakota	4,488	4,425	4,154	4,913	5,127	5,330	18.50	19.50	19.50
Nebraska	4,491	4,297	4,354	6,497	6,054	6,963	19.50	22.00	21.00
Kansas	2,465	2,403	2,387	5,282	4,721	5,112	20.50	21.00	21.00
North Central	34,247	32,942	31,985	63,584	63,759	65,060			
Delaware	36	36	37	75	69	82	34.50	34.50	36.50
Maryland	327	319	328	710	674	665	33.50	32.00	33.00
Virginia	1,016	1,052	1,045	1,532	1,862	1,749	34.00	33.00	33.50
West Virginia	604	602	596	912	912	890	33.50	30.50	30.50
North Carolina	476	447	407	623	605	600	31.00	31.00	33.00
South Carolina	227	234	230	390	366	383	31.50	30.50	30.50
Georgia	433	435	439	845	781	915	28.00	29.00	30.50
Florida	156	613	163	274	288	302	31.50	32.50	32.50
South Atlantic	3,275	3,288	3,245	5,361	5,557	5,586			
Kentucky	1,620	1,613	1,607	2,947	2,943	3,116	26.50	27.00	27.50
Tennessee	1,236	1,256	1,325	1,951	1,799	1,971	27.00	28.50	29.00
Alabama	497	485	492	775	701	764	25.50	28.00	28.50
Mississippi	639	625	619	1,096	1,162	996	25.00	24.00	25.00
Arkansas	739	755	705	1,357	1,358	1,124	22.50	23.00	22.50
Louisiana	333	318	300	644	607	489	23.00	23.00	25.00
Oklahoma	1,649	1,598	1,674	3,062	3,001	3,037	22.00	21.50	23.00
Texas	2,297	2,376	1,976	3,774	4,587	3,451	25.00	23.50	25.50
South Central	9,010	9,026	8,698	15,606	16,158	14,948			
Montana	2,370	2,193	2,419	3,864	3,585	3,882	22.50	22.50	25.00
Idaho	1,323	1,292	1,339	3,714	3,397	3,761	19.00	20.00	22.00
Wyoming	1,226	1,178	1,147	1,946	1,680	1,679	19.50	20.00	23.50
Colorado	1,482	1,558	1,691	2,848	2,942	3,356	27.00	27.00	25.00
New Mexico	270	273	293	963	1,049	1,063	30.50	26.50	26.50
Arizona	233	239	224	1,122	1,174	1,096	30.50	24.00	27.00
Utah	582	581	577	1,665	1,472	1,555	23.50	22.00	24.00
Nevada	410	356	428	809	662	882	25.00	23.50	25.50
Washington	876	882	930	2,345	2,168	2,378	23.50	26.00	26.00
Oregon	1,137	1,017	1,141	2,325	2,013	2,354	24.00	25.50	26.00
California	1,897	1,864	1,842	7,579	7,874	7,496	28.00	25.00	27.50
Western	11,806	11,433	12,031	29,180	28,016	29,502			
United States	64,667	62,693	61,838	126,300	125,522	127,127	24.60	23.60	24.60

<sup>1</sup> Preliminary.<sup>2</sup> Price of hay sold baled.

Statistical Reporting Service.

Table 394.—Hay—alfalfa and alfalfa mixtures; clover, timothy, and mixtures of clover and grasses; wild; and lespedeza: Acreage and production, by States, 1967-69

State and division	Alfalfa and alfalfa mixtures						Clover, timothy, and mixtures of clover and grasses <sup>2</sup>					
	Acreage harvested			Production			Acreage harvested			Production		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	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.....	21	21	18	40	39	32	229	229	229	332	332	332
New Hampshire.....	22	22	20	51	47	45	86	84	84	138	126	126
Vermont.....	145	144	134	326	302	302	334	327	311	584	556	544
Massachusetts.....	31	31	31	70	67	71	101	94	86	177	169	150
Rhode Island.....	3	3	3	7	7	7	9	9	9	17	18	18
Connecticut.....	29	28	26	75	70	68	62	66	56	118	116	104
New York.....	1,231	1,108	1,075	3,078	2,715	2,741	1,227	1,153	1,165	2,270	2,191	2,214
New Jersey.....	73	64	60	219	186	186	63	59	56	117	109	109
Pennsylvania.....	768	737	752	1,882	1,879	2,030	1,156	1,098	1,087	1,965	1,976	1,902
North Atlantic.....	2,323	2,158	2,119	5,748	5,312	5,482	3,267	3,119	3,083	5,718	5,593	5,499
Ohio.....	595	470	390	1,250	1,175	897	1,016	1,138	1,058	1,626	2,162	1,957
Indiana.....	510	474	436	1,148	1,327	1,243	362	405	401	615	749	762
Illinois.....	869	782	766	2,781	2,542	2,451	459	431	440	895	862	836
Michigan.....	1,282	1,218	1,108	2,756	2,801	2,604	319	329	342	478	510	547
Wisconsin.....	2,988	2,988	2,958	8,068	8,516	8,578	857	848	848	1,800	1,908	1,993
Minnesota.....	2,332	2,282	2,126	6,063	6,220	6,272	580	603	603	870	874	1,025
Iowa.....	1,954	1,817	1,835	5,569	5,542	5,872	724	630	605	1,484	1,354	1,301
Missouri.....	845	800	800	2,493	2,480	2,400	1,211	1,235	1,235	1,938	2,038	2,100
North Dakota.....	1,380	1,256	1,256	1,863	1,821	1,947						
South Dakota.....	2,196	2,174	2,174	3,074	3,261	3,587						
Nebraska.....	1,795	1,741	1,741	4,308	4,178	4,701	52	42	42	83	59	67
Kansas.....	1,248	1,148	1,125	3,557	2,985	3,262	68	67	64	109	111	128
North Central.....	17,994	17,130	16,715	42,930	42,848	43,814	5,648	5,728	5,638	9,898	10,627	10,716
Delaware.....	6	7	7	17	20	22	18	18	18	38	32	40
Maryland.....	70	68	67	224	211	221	213	213	217	415	405	380
Virginia.....	82	84	90	180	210	225	550	583	589	825	1,079	1,001
West Virginia.....	72	76	75	144	148	158	402	398	390	603	597	585
North Carolina.....	10	9	9	21	21	20	180	182	178	252	255	267
Georgia.....	6	6	5	13	12	10						
South Atlantic.....	246	250	253	599	622	656	1,363	1,394	1,392	2,133	2,368	2,273
Kentucky.....	241	212	197	639	562	611	702	786	778	1,264	1,415	1,478
Tennessee.....	70	60	54	172	138	127	515	597	663	850	896	1,028
Alabama.....	6	5	4	12	9	7	45	46	46	63	58	60
Mississippi.....	10	9	8	24	20	18	103	130	134	195	214	188
Arkansas.....	67	63	50	234	195	142	113	145	146	175	246	226
Louisiana.....	20	20	17	52	52	29						
Oklahoma.....	559	570	581	1,509	1,568	1,569						
Texas.....	185	220	198	592	770	673						
South Central.....	1,158	1,159	1,109	3,234	3,314	3,176	1,505	1,704	1,767	2,547	2,829	2,980
Montana.....	1,118	1,107	1,118	2,404	2,269	2,292	281	284	284	464	469	454
Idaho.....	1,046	994	1,044	3,295	2,982	3,341	120	132	125	186	185	194
Wyoming.....	466	475	480	1,142	1,045	1,056	184	173	164	239	190	189
Colorado.....	735	750	780	1,911	1,912	2,145	249	234	262	386	363	432
New Mexico.....	193	203	211	868	854	950	19	17	17	32	28	25
Arizona.....	196	202	188	1,039	1,091	1,015						
Utah.....	450	450	446	1,462	1,282	1,360	49	48	48	86	79	79
Nevada.....	154	159	162	531	469	551	51	50	51	64	60	66
Washington.....	513	508	513	1,709	1,499	1,642	228	228	233	445	456	466
Oregon.....	401	381	404	1,163	1,086	1,192	270	240	250	486	432	462
California.....	1,164	1,152	1,129	6,169	6,566	6,210						
Western.....	6,441	6,381	6,475	21,693	21,155	21,754	1,451	1,406	1,434	2,338	2,262	2,367
United States.....	28,162	27,079	26,671	74,204	73,251	74,882	13,234	13,351	13,314	22,684	23,679	23,835

See footnotes at end of table.

Table 394.—Hay—alfalfa and alfalfa mixtures; clover, timothy, and mixtures of clover and grasses; wild; and lespedeza: Acreage and production, by States, 1967-69—Continued

State and division	Wild hay <sup>3</sup>						Lespedeza hay					
	Acreage harvested			Production			Acreage harvested			Production		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	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
Indiana.....							22	20	20	33	29	32
Illinois.....							20	19	24	28	26	32
Wisconsin.....												
Minnesota.....	388	376	361	485	470	487						
Missouri.....							242	201	209	351	291	293
North Dakota.....	1,509	1,449	1,304	1,283	1,304	1,239						
South Dakota.....	1,960	1,842	1,529	1,470	1,382	1,223						
Nebraska.....	2,408	2,239	2,261	1,806	1,455	1,696						
Kansas.....	757	749	719	984	986	935	28	22	22	46	36	34
North Central.....	7,022	6,655	6,174	6,028	5,547	5,580	312	262	275	458	382	391
Delaware.....							6	5	6	10	8	10
Maryland.....							13	11	16	18	15	22
Virginia.....							60	57	58	75	77	87
West Virginia.....							6	6	6	8	7	7
North Carolina.....							67	57	46	77	68	62
South Carolina.....							29	25	23	35	26	26
Georgia.....							36	31	30	50	37	39
South Atlantic.....							217	192	185	273	238	253
Kentucky.....							398	350	360	617	542	576
Tennessee.....							340	296	305	493	340	381
Alabama.....							57	58	58	80	67	75
Mississippi.....							100	90	81	170	130	117
Arkansas.....							153	141	127	268	233	184
Louisiana.....							14	13	10	28	21	14
Oklahoma.....	406	353	371	568	441	464	82	80	76	127	120	110
Texas.....												
South Central.....	406	353	371	568	441	464	1,144	1,028	1,017	1,783	1,453	1,457
Montana.....	585	480	552	614	504	580						
Idaho.....	102	103	100	148	134	115						
Wyoming.....	397	381	358	397	324	322						
Colorado.....	272	283	280	299	297	322						
New Mexico.....	23	20	25	17	23	24						
Utah.....	65	64	64	88	83	86						
Nevada.....	193	131	203	193	111	244						
Washington.....	50	50	50	70	68	68						
Oregon.....	289	234	295	405	269	413						
California.....	94	90	92	132	117	138						
Western.....	2,070	1,836	2,019	2,363	1,930	2,312						
United States.....	9,498	8,844	8,564	8,959	7,918	8,356	1,673	1,482	1,477	2,514	2,073	2,101

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes sweetclover and lespedeza hay.

<sup>3</sup> Includes prairie, marsh, and salt grass hays.

Statistical Reporting Service.



Table 395.—Hay, all: Production and farm disposition, United States, 1960-69

Year	Production	Farm disposition		Year	Production	Farm disposition	
		Kept on farms	Sold			Kept on farms	Sold
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
1960.....	118,158	99,810	18,348	1965.....	125,536	102,450	23,086
1961.....	116,957	97,891	19,066	1966.....	121,027	98,803	22,224
1962.....	121,759	102,506	19,253	1967.....	126,300	103,155	23,145
1963.....	117,537	96,979	20,558	1968.....	125,522	102,028	23,494
1964.....	118,778	96,747	22,031	1969 <sup>1</sup> .....	127,127	103,548	23,579

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-59 in *Agricultural Statistics*, 1967, table 399.

Table 396.—Hay, all: Production and farm disposition, by States, crop of 1969 (preliminary)

State	Production	Farm disposition		State	Production	Farm disposition	
		Kept on farms	Sold			Kept on farms	Sold
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Maine.....	419	371	48	North Carolina.....	600	534	66
New Hampshire.....	200	176	24	South Carolina.....	383	326	57
Vermont.....	938	868	70	Georgia.....	915	778	137
Massachusetts.....	245	214	31	Florida.....	302	251	51
Rhode Island.....	27	24	3	Kentucky.....	3,116	2,851	265
Connecticut.....	207	180	27	Tennessee.....	1,971	1,833	138
New York.....	5,523	5,136	387	Alabama.....	764	665	99
New Jersey.....	326	235	91	Mississippi.....	996	867	129
Pennsylvania.....	4,146	3,524	622	Arkansas.....	1,124	944	180
Ohio.....	2,907	2,413	494	Louisiana.....	489	435	54
Indiana.....	2,156	1,897	259	Oklahoma.....	3,037	2,308	729
Illinois.....	3,411	3,053	358	Texas.....	3,451	2,588	863
Michigan.....	3,207	2,742	465	Montana.....	3,882	3,377	505
Wisconsin.....	10,949	10,117	832	Idaho.....	3,761	2,633	1,128
Minnesota.....	7,939	6,907	1,032	Wyoming.....	1,679	1,494	185
Iowa.....	7,405	6,850	555	Colorado.....	3,356	2,249	1,107
Missouri.....	5,620	5,058	562	New Mexico.....	1,063	446	617
North Dakota.....	4,061	3,756	305	Arizona.....	1,096	252	844
South Dakota.....	5,330	4,957	373	Utah.....	1,555	1,244	311
Nebraska.....	6,963	5,988	975	Nevada.....	882	573	309
Kansas.....	5,112	4,088	1,024	Washington.....	2,378	1,379	999
Delaware.....	82	69	13	Oregon.....	2,354	1,860	494
Maryland.....	665	592	73	California.....	7,496	2,099	5,397
Virginia.....	1,749	1,574	175				
West Virginia.....	890	823	67	United States.....	127,127	103,548	23,579

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 397.—Hay: Season average price per ton, United States and specified markets, 1960-69

Year beginning May	Prices received by farmers for baled hay, United States <sup>1</sup>				Price of No. 1 alfalfa, baled	
	All hay <sup>1</sup>	Alfalfa <sup>2</sup>	Mixed clover and timothy <sup>2</sup>	Wild <sup>2</sup>	Kansas City <sup>3</sup>	Los Angeles <sup>3</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	21.70	21.00	20.20	15.90	28.45	33.90
1961.....	20.60	21.00	20.50	16.60	26.65	28.70
1962.....	21.60	21.40	23.30	14.80	28.75	34.70
1963.....	24.60	23.50	24.70	16.50	25.45	30.00
1964.....	23.80	24.00	25.20	18.30	25.60	33.00
1965.....	23.10	24.00	25.80	17.50	24.20	33.25
1966.....	25.00	24.70	24.90	19.40	29.20	38.30
1967.....	24.50	23.60	23.60	18.10	25.60	38.60
1968.....	23.60	23.00	23.50	18.60	27.50	34.75
1969 <sup>4</sup> .....	24.90	23.90	24.30	18.60	31.00	38.50

<sup>1</sup> Obtained by weighting State prices by quantity sold.

<sup>2</sup> United States midmonth prices weighted by monthly marketings.

<sup>3</sup> Simple average of 12 months beginning in July at Kansas City and April at Los Angeles.

<sup>4</sup> Preliminary.

Statistical Reporting Service and Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 401.

Table 398.—Pasture and range: Condition,<sup>1</sup> first of month, United States, 1954-69

Year	Pasture						Range <sup>2</sup>					
	May	June	July	August	September	October	May	June	July	August	September	October
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1954.....	80	80	78	59	64	63	75	80	77	71	72	70
1955.....	79	78	83	76	68	66	67	76	80	79	78	77
1956.....	68	72	71	70	68	61	70	75	72	69	67	63
1957.....	85	83	90	82	74	80	77	85	87	83	81	82
1958.....	89	88	88	89	86	86	86	86	86	83	81	84
1959.....	81	87	83	78	78	76	77	81	81	79	79	79
1960.....	85	87	87	82	81	78	79	82	82	80	79	77
1961.....	83	84	85	84	83	83	76	79	80	79	78	79
1962.....	83	78	84	80	72	79	79	80	85	83	79	81
1963.....	78	76	77	71	72	71	76	79	81	77	76	79
1964.....	83	80	78	69	65	69	74	76	80	74	75	77
1965.....	80	82	84	78	77	84	77	83	87	83	82	82
1966.....	83	82	79	66	75	78	78	77	77	75	78	80
1967.....	81	76	86	85	78	78	74	79	83	83	80	82
1968.....	85	86	87	82	81	82	79	82	84	81	81	81
1969.....	87	90	86	82	77	79	82	85	84	82	78	80

<sup>1</sup> Reported in terms of percentage of normal.

<sup>2</sup> Includes the western geographic division and range areas of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 403.

Table 399.—Pasture: Condition, <sup>1</sup> June 1 and Sept. 1, by States, average 1958-67, annual 1968 and 1969 <sup>2</sup>

State and division	Condition June 1			Condition Sept. 1			State and division	Condition June 1			Condition Sept. 1		
	Average 1958-67	1968	1969	Average 1958-67	1968	1969		Average 1958-67	1968	1969	Average 1958-67	1968	1969
	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.....	88	90	87	83	65	88	South Carolina.....	79	85	86	80	63	87
New Hampshire.....	86	92	87	79	75	87	Georgia.....	78	83	87	83	69	82
Vermont.....	87	92	90	81	82	87	Florida.....	69	70	84	87	81	90
Massachusetts.....	84	89	88	74	64	84	South Atlantic.....	82	87	86	79	78	90
Rhode Island.....	87	96	88	74	66	91	Kentucky.....	88	96	95	82	89	87
Connecticut.....	85	86	88	78	68	86	Tennessee.....	85	92	89	83	60	71
New York.....	85	91	91	74	86	87	Alabama.....	78	87	91	83	74	79
New Jersey.....	80	88	87	68	63	88	Mississippi.....	79	89	88	81	81	72
Pennsylvania.....	84	89	90	69	74	90	Arkansas.....	82	92	90	75	81	69
North Atlantic.....	84	90	90	73	78	88	Louisiana.....	74	84	87	81	86	71
Ohio.....	87	94	93	76	94	88	Oklahoma.....	78	89	95	77	83	71
Indiana.....	90	94	94	80	94	90	Texas.....	74	90	90	69	80	55
Illinois.....	87	85	92	78	87	86	South Central.....	78	90	91	75	79	69
Michigan.....	84	87	92	73	91	76	Montana.....	80	73	81	77	83	83
Wisconsin.....	87	85	92	73	81	64	Idaho.....	87	83	92	84	88	87
Minnesota.....	85	81	91	74	83	62	Wyoming.....	82	78	74	89	85	74
Iowa.....	88	86	93	84	79	87	Colorado.....	73	74	86	77	78	83
Missouri.....	85	89	92	72	86	73	New Mexico.....	64	77	85	78	80	80
North Dakota.....	77	73	79	68	81	73	Arizona.....	84	90	84	85	88	86
South Dakota.....	79	78	85	67	71	68	Utah.....	82	85	84	77	90	91
Nebraska.....	80	80	88	79	68	75	Nevada.....	80	82	97	84	85	96
Kansas.....	76	79	95	79	77	85	Washington.....	86	85	91	76	84	81
North Central.....	84	85	92	77	83	77	Oregon.....	88	84	85	78	84	83
Delaware.....	81	85	90	71	50	95	California.....	82	74	92	80	76	88
Maryland.....	82	84	85	69	73	90	Western.....	80	77	88	79	81	85
Virginia.....	85	90	85	77	85	97	United States.....	82	86	90	77	81	77
West Virginia.....	80	90	85	77	87	93							
North Carolina.....	84	89	89	85	73	90							

<sup>1</sup> Reported in terms of percentage of normal.

<sup>2</sup> For range States, relates largely to farm pasture—that is, condition of ranges is not included.

Statistical Reporting Service.

Table 400.—Field seeds: Production of clean seed, United States, 1954-69

Year	White clover	Ladino clover	Red-top <sup>1</sup>	Orchard-grass	Kentucky blue-grass <sup>2</sup>	Sudan-grass <sup>1</sup>	Smooth brome-grass <sup>1</sup>	Crested wheat-grass <sup>1</sup>	Chewings fescue	Red fescue	Tall fescue	Bent-grass
	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
1954.....	2,362	3,717	3,072	6,425	19,500	42,325	14,763	1,438	6,800	4,692	29,470	3,339
1955.....	4,827	4,828	4,240	10,240	23,450	88,970	6,732	2,190	7,980	2,072	28,647	4,600
1956.....	4,651	5,950	3,840	10,350	9,163	54,975	6,118	2,761	5,100	2,056	25,140	5,670
1957.....	6,317	2,906	3,375	15,950	24,550	104,705	35,172	10,360	7,800	3,160	26,124	8,020
1958.....	3,353	4,235	3,155	16,130	28,610	34,168	8,885	1,925	5,880	2,706	30,558	6,152
1959.....	4,879	4,356	5,485	9,980	3,550	43,338	4,943	2,795	10,560	5,679	28,594	6,765
1960.....	4,014	4,455	5,020	13,320	29,400	47,526	13,115	2,547	11,000	5,758	40,780	5,092
1961.....	5,956	5,204	4,240	13,020	5,560	65,869	12,880	2,015	7,500	4,878	36,984	5,897
1962.....	3,784	5,642	3,330	15,865	9,300	61,495	4,173	3,330	9,000	5,078	31,299	6,254
1963.....	7,528	6,205	2,630	8,680	14,058	58,556	5,745	2,099	6,290	3,810	46,910	7,918
1964.....	5,602	5,120	3,240	14,940	19,238	40,305	13,194	1,536	7,920	5,310	61,941	9,673
1965.....	4,026	4,930	.....	13,490	22,832	.....	.....	.....	6,290	6,014	56,714	7,746
1966.....	3,640	4,205	.....	10,010	30,247	.....	.....	.....	7,175	6,918	79,070	8,253
1967.....	2,164	3,600	.....	6,880	34,651	.....	.....	.....	7,350	8,893	49,899	7,868
1968.....	840	3,688	.....	6,510	32,834	.....	.....	.....	5,760	6,578	56,217	6,176
1969 <sup>3</sup> .....	2,067	4,880	.....	8,300	32,029	.....	.....	.....	6,720	6,800	64,299	5,719

<sup>1</sup> Beginning 1965, estimates discontinued.

<sup>2</sup> Does not include Pacific Northwest prior to 1963.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 405.

Table 401.—Field seeds—alfalfa, timothy, red clover, sweetclover, and lespedeza: Acreage, yield, production, season average price per 100 pounds received by farmers, and value, United States, 1954-69

Year	Acreage harvested	Yield per acre	Production (clean seed)	Price <sup>1</sup>	Farm value	Year	Acreage harvested	Yield per acre	Production (clean seed)	Price <sup>1</sup>	Farm value
<b>Alfalfa seed</b>											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954...	1,048,500	156	163,949	33.50	54,749	1962...	608,100	197	119,868	41.10	49,085
1955...	1,392,500	153	212,390	20.60	43,531	1963...	937,000	170	159,196	31.00	49,196
1956...	921,500	180	165,840	30.90	51,008	1964...	695,500	201	140,142	31.30	43,607
1957...	860,800	181	161,050	24.70	39,759	1965...	610,000	197	120,337	33.00	39,480
1958...	844,700	179	151,100	27.30	41,139	1966...	582,800	202	117,984	35.50	41,629
1959...	723,800	175	126,594	29.50	37,063	1967...	475,600	240	113,419	41.10	46,454
1960...	712,400	192	136,658	27.50	37,346	1968...	550,000	211	115,843	37.80	43,650
1961...	634,300	198	125,909	33.80	42,368	1969 <sup>2</sup> ...	503,500	210	105,635	36.80	38,706
<b>Timothy seed</b>											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954...	251,000	149	37,435	17.10	6,419	1962...	156,500	141	21,998	10.40	2,278
1955...	318,500	157	49,952	8.48	4,251	1963...	161,000	130	20,998	18.60	3,877
1956...	206,500	135	27,805	15.50	4,300	1964...	202,500	145	29,313	15.50	4,549
1957...	277,000	148	40,860	8.08	3,311	1965...	196,500	168	33,082	14.50	4,811
1958...	191,500	134	25,690	13.20	3,388	1966...	221,500	158	35,036	9.00	3,193
1959...	317,500	148	47,143	10.70	5,054	1967...	181,500	158	28,610	5.84	1,682
1960...	288,000	160	45,975	5.71	2,633	1968...	134,500	150	20,218	8.69	1,759
1961...	164,000	148	24,317	7.33	1,785	1969 <sup>2</sup> ...	159,000	166	26,400	8.33	2,216
<b>Red clover seed</b>											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954...	900,130	62	55,827	45.30	24,886	1962...	903,800	78	70,819	32.10	22,447
1955...	1,319,000	62	81,402	29.80	24,201	1963...	895,800	84	75,132	32.70	24,294
1956...	1,003,600	77	77,627	33.80	26,100	1964...	837,200	96	80,755	24.20	19,197
1957...	966,200	76	73,046	26.70	19,420	1965...	649,800	100	64,832	23.20	14,774
1958...	1,054,200	70	73,463	31.70	23,016	1966...	684,600	94	64,119	22.90	14,551
1959...	1,160,600	76	88,378	26.10	12,804	1967...	499,000	90	45,085	26.50	11,719
1960...	1,028,100	87	89,509	21.20	18,888	1968...	493,000	83	41,320	30.80	12,550
1961...	822,700	80	65,694	27.70	17,878	1969 <sup>2</sup> ...	452,600	94	42,628	35.70	15,007
<b>Sweetclover seed</b>											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954...	266,100	171	45,505	11.00	5,030	1962...	110,500	185	20,395	12.70	2,577
1955...	254,300	190	48,292	9.52	4,603	1963...	137,200	200	27,507	10.90	2,984
1956...	220,000	166	36,570	9.38	3,436	1964...	120,800	203	24,575	6.93	1,694
1957...	187,600	164	30,705	7.64	2,381	1965...	77,600	222	17,206	7.10	1,219
1958...	149,100	174	25,991	8.32	2,189	1966...	73,000	211	15,437	6.90	1,059
1959...	136,400	202	27,562	8.71	2,420	1967...	57,400	224	12,841	6.34	811
1960...	130,500	211	27,499	6.41	1,785	1968...	45,800	204	9,357	8.46	783
1961...	93,500	193	18,067	10.30	1,855	1969 <sup>2</sup> ...	51,000	210	10,695	9.34	998
<b>Lespedeza seed</b>											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954...	561,500	161	90,545	19.20	17,685	1962...	321,500	229	73,525	14.60	10,822
1955...	833,500	203	169,370	7.49	13,054	1963...	289,500	198	57,255	16.80	9,548
1956...	670,000	195	130,660	10.10	13,420	1964...	283,500	196	55,800	14.80	8,236
1957...	608,000	209	127,350	7.87	10,234	1965...	299,500	226	67,687	11.70	7,958
1958...	595,000	223	132,755	7.79	10,618	1966...	239,500	217	52,035	14.30	7,482
1959...	493,000	222	109,450	9.64	10,609	1967...	187,200	193	38,032	15.10	5,762
1960...	360,000	202	72,735	12.70	9,352	1968...	172,000	222	38,260	16.40	6,255
1961...	395,000	206	81,270	14.10	11,624	1969 <sup>2</sup> ...	181,200	238	43,064	16.00	6,874

<sup>1</sup> Obtained by weighting State prices by quantity sold.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 406.

Table 402.—Field seeds—alfalfa, timothy, red clover, sweetclover, and lespedeza: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, 1967–69

State	Acreage harvested			Yield per acre			Production (clean seed)			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
<b>Alfalfa seed</b>												
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Ohio	1,500	4,500	3,500	55	55	100	82	28	350	30.00	30.00	32.00
Michigan	4,000	4,500	3,500	80	50	100	320	225	350	29.00	30.00	32.00
Wisconsin	7,000	5,000	2,000	55	50	60	385	250	240	35.00	34.00	30.00
Minnesota	7,000	8,000	7,000	95	80	100	665	640	700	35.00	34.00	29.00
North Dakota	12,000	8,000	9,000	50	45	35	600	360	315	29.00	31.00	30.00
South Dakota	70,000	85,000	51,000	60	62	62	4,200	5,270	3,162	32.80	32.20	29.50
Nebraska	28,000	32,000	30,000	70	65	70	1,960	2,080	2,100	30.30	30.30	30.00
Kansas	25,000	50,000	54,000	85	80	95	2,125	4,000	5,130	29.90	31.70	31.50
Oklahoma	39,000	62,000	71,000	90	125	150	3,510	7,750	10,650	29.40	31.50	28.00
Texas	8,000	8,000	7,500	100	130	180	800	1,040	1,350	29.00	34.00	34.00
Montana	36,000	31,000	21,000	85	65	90	3,060	2,015	1,890	41.00	32.70	34.50
Idaho	32,000	39,000	38,000	450	310	375	14,400	12,090	14,250	41.50	38.90	38.50
Wyoming	6,000	6,000	6,000	80	55	60	480	330	360	34.00	33.00	30.00
Colorado	6,000	5,500	4,500	115	110	115	605	518	370	37.00	33.60	30.00
New Mexico	2,600	3,000	3,500	195	230	180	507	690	630	50.50	51.50	52.00
Arizona	15,000	15,000	10,000	110	110	100	1,050	1,650	1,000	43.50	37.60	38.50
Utah	30,000	30,000	27,000	180	115	130	5,400	3,450	3,510	40.20	35.00	34.50
Nevada	11,500	17,000	22,000	430	400	370	4,945	6,800	8,140	41.80	38.60	38.50
Washington	22,000	24,000	25,000	680	500	495	14,960	12,000	12,375	42.00	40.90	40.00
Oregon	13,000	13,500	12,500	620	380	440	8,060	5,130	5,500	41.80	39.70	39.00
California	97,000	103,000	97,000	460	480	345	44,620	49,440	33,465	43.50	39.10	39.00
United States	472,600	550,000	503,500	240	211	210	113,419	115,843	105,635	41.10	37.80	36.80
<b>Timothy seed</b>												
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Pennsylvania	7,000	10,000	6,000	115	110	100	805	1,100	600	6.00	10.00	11.50
Ohio	34,000	18,000	22,000	135	155	145	4,590	2,790	3,190	5.20	7.40	8.30
Indiana	10,000	7,000	9,000	140	150	130	1,400	1,050	1,170	6.00	9.30	9.80
Illinois	5,000	5,000	5,000	145	150	140	725	750	700	6.00	8.00	8.00
Wisconsin	5,500	5,500	6,000	140	125	140	770	688	840	5.50	8.00	8.00
Minnesota	72,000	53,000	72,000	185	160	200	13,320	8,480	14,400	6.10	9.10	8.00
Iowa	8,000	7,000	8,000	150	165	145	1,200	1,155	1,160	5.60	8.30	9.10
Missouri	40,000	29,000	31,000	145	145	140	5,800	4,205	4,340	5.60	8.60	8.90
United States	181,500	134,500	159,000	158	150	166	28,610	20,218	26,400	5.84	8.69	8.33
<b>Red clover seed</b>												
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
New York	6,500	10,000	10,000	75	100	115	488	1,000	1,150	33.00	29.50	32.00
Pennsylvania	11,000	25,000	14,000	65	90	70	715	2,250	980	33.50	32.00	35.00
Ohio	60,000	57,000	60,000	69	66	70	4,140	3,762	4,200	23.30	27.30	32.50
Indiana	65,000	62,000	65,000	70	70	80	4,550	4,340	5,200	24.30	28.10	33.60
Illinois	96,000	101,000	77,000	80	70	65	7,680	7,070	5,005	23.80	28.70	35.50
Michigan	38,000	45,000	55,000	90	90	100	3,420	4,050	5,500	22.70	26.30	30.00
Wisconsin	24,000	15,000	30,000	90	95	110	2,160	1,425	3,300	25.60	30.70	33.50
Minnesota	34,000	25,000	35,000	120	95	100	4,080	2,375	3,500	25.60	30.90	35.00
Iowa	36,000	35,000	16,000	78	85	65	2,808	2,975	1,040	24.60	30.70	36.50
Missouri	60,000	54,000	25,000	75	75	80	4,500	4,050	2,000	23.40	28.80	33.50
Nebraska	10,000	8,000	8,000	80	75	80	800	600	640	28.00	29.00	33.00
Kansas	9,000	10,000	9,000	80	70	75	720	700	675	25.30	27.70	31.50
Maryland	5,000	9,000	5,000	60	75	55	300	675	275	33.00	36.00	40.00
Virginia	3,500	7,500	4,500	90	85	50	315	638	225	34.00	40.00	52.00
Kentucky	13,000	17,000	15,000	90	85	90	1,170	1,445	1,350	27.00	32.40	37.00
Montana	700	700	( <sup>2</sup> )	200	180	( <sup>2</sup> )	140	126	( <sup>2</sup> )	30.00	35.00	( <sup>2</sup> )
Idaho	7,500	4,500	4,500	390	310	360	2,925	1,395	1,620	32.00	39.50	42.50
Washington	4,900	3,400	4,800	330	270	300	1,617	918	1,440	36.00	41.40	44.00
Oregon	14,000	8,000	14,000	155	135	300	2,170	1,080	4,200	30.90	40.00	42.00
California	900	900	800	430	495	410	387	446	328	37.00	45.50	44.00
United States	499,000	498,000	452,600	90	83	94	45,085	41,320	42,628	26.50	30.80	35.70

See footnotes at end of table.

Table 402.—Field seeds—alfalfa, timothy, red clover, sweetclover, and lespedeza: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, 1967–69—Continued

State	Acreage harvested			Yield per acre			Production (clean seed)			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
Sweetclover seed												
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Ohio.....	4,500	4,500	4,000	180	170	180	810	765	760	5.40	7.90	9.70
Illinois.....	4,000	4,000	4,000	110	115	100	440	460	400	6.00	9.00	9.00
Michigan.....	1,000	800	( <sup>2</sup> )	140	140	( <sup>2</sup> )	140	112	( <sup>2</sup> )	4.70	6.60	( <sup>2</sup> )
Minnesota.....	11,000	6,000	8,000	250	250	225	2,750	1,500	1,800	5.50	8.30	8.40
Missouri.....	1,400	1,000	( <sup>2</sup> )	165	150	( <sup>2</sup> )	231	150	( <sup>2</sup> )	6.00	7.50	( <sup>2</sup> )
North Dakota.....	6,000	4,000	5,000	300	175	250	1,800	700	1,250	5.70	9.90	8.80
South Dakota.....	11,000	8,000	12,000	250	300	270	2,750	2,400	3,240	4.20	7.80	9.20
Nebraska.....	6,000	6,000	6,000	190	210	190	1,140	1,260	1,140	6.10	7.50	9.30
Kansas.....	5,000	6,000	7,000	160	160	140	800	960	980	5.10	7.60	8.50
Oklahoma.....	1,500	1,000	( <sup>2</sup> )	120	150	( <sup>2</sup> )	180	150	( <sup>2</sup> )	9.30	9.50	( <sup>2</sup> )
Texas.....	6,000	4,500	5,000	300	200	225	1,800	900	1,125	12.80	11.40	12.40
United States.....	57,400	45,800	51,000	224	204	210	12,841	9,357	10,695	6.34	8.46	9.34
Lespedeza seed												
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>1,000 lb.</i>	<i>Dol-lars</i>	<i>Dol-lars</i>	<i>Dol-lars</i>
Indiana.....	12,000	11,000	11,000	140	230	210	1,680	2,530	2,310	11.20	13.00	12.00
Illinois.....	9,000	10,000	8,000	120	200	170	1,080	2,000	1,360	10.20	12.50	12.50
Missouri.....	32,000	29,000	25,000	180	220	230	5,760	6,380	5,750	10.40	12.50	10.50
Kansas.....	14,000	14,000	16,000	200	210	240	2,800	2,940	3,840	10.00	12.50	11.00
Maryland.....	6,000	5,000	6,000	100	150	180	600	750	1,080	11.10	13.50	13.50
Virginia.....	1,700	2,000	( <sup>2</sup> )	160	140	( <sup>2</sup> )	272	280	( <sup>2</sup> )	13.00	17.50	( <sup>2</sup> )
North Carolina.....	20,000	15,000	17,000	150	130	150	3,000	1,950	2,550	18.40	20.50	19.00
South Carolina.....	8,000	5,000	6,000	190	150	210	1,520	750	1,260	19.50	20.50	21.50
Georgia.....	8,000	5,000	6,000	220	200	230	1,760	1,000	1,380	24.40	28.00	24.00
Kentucky.....	38,000	38,000	43,000	200	270	290	7,600	10,260	12,470	13.50	16.50	16.00
Tennessee.....	26,000	22,000	25,000	200	190	220	5,200	4,180	5,500	17.40	19.00	19.00
Alabama.....	4,000	2,000	3,200	190	160	220	760	320	704	30.00	29.50	25.00
Mississippi.....	2,500	2,000	2,000	160	160	160	400	320	320	23.00	23.00	22.50
Arkansas.....	12,000	10,000	10,000	400	425	400	4,800	4,250	4,000	17.40	19.50	20.00
Oklahoma.....	4,000	2,000	3,000	200	175	180	800	350	540	15.00	15.00	15.00
United States.....	197,200	172,000	181,200	193	222	238	38,032	38,260	43,064	15.10	16.40	16.00

<sup>1</sup> Preliminary.

<sup>2</sup> Estimates discontinued.

Statistical Reporting Service

Table 403.—Winter cover-crop seeds: Production of clean seed, United States, 1954-69

Year	Austrian winter peas <sup>1</sup>	Crimson clover	Lupine <sup>1</sup>	Hairy vetch	Common vetch <sup>1</sup>	Purple vetch <sup>1</sup>	Annual ryegrass <sup>2</sup>	Perennial ryegrass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1954	39,605	14,412	16,152	31,935	8,690	7,920	105,800	22,410
1955	48,000	9,570	20,432	28,470	11,745	5,500	121,520	31,350
1956	32,685	14,865	15,412	26,185	2,720	13,600	89,000	43,050
1957	34,060	13,693	20,610	22,555	7,130	9,360	66,960	35,490
1958	29,800	15,960	10,295	21,305	5,370	6,600	63,360	28,080
1958	48,425	11,964	9,420	24,280	4,380	8,100	136,400	45,080
1960	43,935	16,398	8,015	28,260	5,620	3,900	149,960	.....
1961	68,250	12,736	6,519	18,460	5,230	10,370	136,320	.....
1962	61,200	13,105	5,635	22,300	4,730	7,650	180,880	.....
1963	64,470	10,616	1,850	30,835	6,050	5,775	145,725	.....
1964	89,200	12,699	3,030	27,212	6,477	3,445	179,690	.....
1965	.....	8,670	.....	11,960	.....	.....	160,460	.....
1966	.....	8,214	.....	19,480	.....	.....	151,940	.....
1967	.....	9,052	.....	13,862	.....	.....	136,960	.....
1968	.....	7,274	.....	9,020	.....	.....	163,480	.....
1969 <sup>3</sup>	.....	7,400	.....	9,752	.....	.....	173,460	.....

<sup>1</sup> Beginning 1965, estimates discontinued.<sup>2</sup> Beginning 1960, all ryegrass. Data not available by species after 1959.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 408.

Table 404.—Winter cover-crop seeds: Season average price per 100 pounds received by farmers, United States, 1960-69

Year	Austrian winter peas <sup>1</sup>	Crimson clover	Lupine <sup>1</sup>	Hairy vetch	Common vetch <sup>1</sup>	Purple vetch <sup>1</sup>	Annual ryegrass <sup>2</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960	3.22	16.70	3.81	9.37	5.26	8.30	4.40
1961	2.51	17.60	4.02	10.40	6.04	6.00	5.20
1962	2.96	14.60	3.82	13.00	7.60	6.50	4.60
1963	3.13	20.20	4.53	10.80	7.46	7.00	6.10
1964	2.81	14.10	4.12	11.70	5.07	6.30	4.75
1965	.....	18.80	.....	14.30	.....	.....	5.90
1966	.....	20.70	.....	11.80	.....	.....	5.90
1967	.....	21.90	.....	8.44	.....	.....	6.50
1968	.....	22.90	.....	11.20	.....	.....	7.90
1969 <sup>3</sup>	.....	22.80	.....	14.70	.....	.....	8.10

<sup>1</sup> Beginning 1965, estimates discontinued.<sup>2</sup> Beginning 1960, all ryegrass. Data not available by species after 1959.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 409.

Table 405.—Field seeds: Stocks held by dealers on June 30, 1962-69

Kind of seed	1962	1963	1964	1965	1966	1967	1968	1969 <sup>1</sup>
	<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>
Alfalfa.....	24,431	23,558	30,552	35,454	27,692	28,922	30,077	32,579
Clovers:								
Red (medium and mammoth).....	11,603	11,124	12,237	16,136	16,780	16,786	11,952	8,131
Alsike.....	4,989	4,728	3,200	1,821	2,644	3,301	2,856	1,781
Sweetclover.....	3,845	5,061	7,374	7,271	6,218	8,691	4,666	2,959
White Dutch.....	1,932	1,054	2,439	3,795	3,145	2,643	1,849	1,428
Ladino.....	1,748	2,424	2,207	2,540	1,923	1,855	1,810	1,015
Crimson.....	2,402	2,090	2,414	3,069	1,492	299	1,025	1,787
Lespedezas:								
Korean.....	2,376	4,163	2,701	1,461	3,546	3,047	730	2,219
Striate, Kobe.....	205	970	438	175	1,574	2,026	346	155
Other.....	1,077	138	23	549	718	361	511	235
Hairy vetch.....	1,072	3,399	3,067	1,523	1,243	6,023	5,014	2,336
Common vetch.....	281	431	2,121	3,744	1,317	705	612	443
Other vetches.....	442	2,008	1,256	449	4,031	1,456	857	508
Austrian winter peas.....	1,611	1,486	3,119	6,183	1,679	3,091	8,589	4,427
Lupine.....	361	139	90	57	51	558	532	383
Birdsfoot trefoil.....	408	310	236	242	457	414	302	563
Grasses:								
Timothy.....	10,356	5,232	3,095	5,540	8,992	14,383	14,784	10,279
Orchardgrass.....	3,212	3,950	2,582	4,549	4,944	6,044	4,924	5,450
Redtop.....	2,633	1,465	840	1,025	1,612	1,767	1,382	785
Kentucky bluegrass <sup>2</sup> .....	12,167	11,485	9,730	7,530	7,798	9,799	12,763	13,065
Merion Ky. bluegrass.....	1,813	1,743	1,424	1,684	1,303	2,463	4,209	3,079
Chewings fescue.....	5,668	5,010	2,594	1,801	2,378	2,240	2,712	1,174
Meadow fescue.....	442	668	262	297	416	594	855	1,292
Red fescue.....	7,450	4,443	3,644	2,649	6,817	5,909	6,759	7,718
Tall fescue (Alta and Ky. 31).....	4,715	2,358	7,702	10,299	10,657	18,432	9,472	4,782
Bentgrass.....	1,075	1,197	2,201	2,717	2,636	1,950	1,955	1,742
Smooth bromegrass.....	6,699	3,810	2,150	5,054	2,375	2,347	3,501	4,923
Crested wheatgrass.....	2,049	2,755	2,058	1,161	1,164	584	2,245	1,217
Slender wheatgrass.....	219	255	385	265	189	219	305	165
Sudangrass.....	4,513	11,457	8,070	<sup>3</sup> 8,544	12,408	15,618	16,717	9,989
Annual ryegrass.....	29,207	24,711	28,479	31,547	24,157	26,316	11,840	14,800
Perennial ryegrass.....	12,468	13,576	11,606	7,797	9,270	6,544	8,159	11,825
Ryegrass, mixed.....		2,653	2,308	1,461	902	1,233	1,896	2,200
Dallisgrass.....	130	82	380	188	45	28	112	93

<sup>1</sup> Preliminary.<sup>2</sup> Includes grower-owned seed stored in dealers' warehouses.<sup>3</sup> Beginning 1965, includes sudangrass hybrids, but not crosses.

Statistical Reporting Service.



Table 406.—Field seeds: Average retail price paid by farmers for high-grade seed, February–May, United States, 1960–69

Kind of seed	1960	1961	1962	1963	1964	1965	1966	1967	1968 <sup>1</sup>	1969 <sup>1</sup>
	Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, common	38.80	37.30	49.10	58.80	41.00	42.00	47.20	50.30	58.20	54.60
Red clover	42.30	36.70	46.10	51.50	50.70	40.10	40.20	40.10	48.50	57.40
Alsike clover	34.40	32.60	32.10	32.50	32.80	35.70	33.50	32.40	32.00	37.20
Sweetclover	17.00	14.80	22.10	27.40	20.20	16.40	17.10	17.30	17.40	24.50
White clover	85.90	99.00	91.50	102.00	85.80	79.50	79.20	78.50	( <sup>2</sup> )	( <sup>2</sup> )
Ladino clover	89.90	96.10	93.30	99.40	86.50	88.00	86.60	92.20	114.00	128.00
Lespedeza, Korean	14.10	21.60	20.40	19.70	23.00	22.80	18.20	22.40	25.60	26.20
Timothy	21.90	15.30	17.00	25.00	38.40	33.80	30.60	22.80	20.40	24.50
Orchardgrass	38.60	34.70	36.60	38.70	46.80	36.40	35.90	35.00	33.70	40.60
Redtop	54.30	44.80	42.80	47.40	65.80	71.50	72.90	69.80	( <sup>2</sup> )	( <sup>2</sup> )
Kentucky bluegrass	73.10	58.70	59.00	57.90	62.70	61.80	66.60	65.40	59.60	59.40
Ryegrass, annual	14.30	12.90	13.00	13.20	13.50	12.80	13.60	13.50	15.40	17.60
Tall fescue	32.90	22.70	21.40	38.60	35.30	21.10	20.30	19.40	21.30	28.50
Smooth bromegrass	32.90	22.60	22.70	24.50	33.70	24.70	24.30	34.10	( <sup>2</sup> )	( <sup>2</sup> )
Crested wheatgrass	40.70	33.00	34.30	25.70	26.60	29.70	32.60	54.20	( <sup>2</sup> )	( <sup>2</sup> )
Sudangrass	11.20	12.60	12.40	14.20	12.40	12.40	13.20	13.20	13.50	13.40
	Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Corn, hybrid	11.30	11.50	11.79	11.70	12.00	12.20	12.30	12.90	13.90	13.70
Wheat (spring)	2.51	2.47	2.76	2.75	2.97	2.64	2.46	2.79	2.54	2.39
Oats (spring)	1.45	1.37	1.43	1.49	1.54	1.57	1.59	1.58	1.62	1.64
Barley (spring)	1.78	1.71	1.82	1.90	1.94	1.90	1.96	1.98	1.96	1.83
Soybeans for seed	3.28	3.83	3.57	3.78	4.05	4.23	4.26	4.40	4.05	4.16

<sup>1</sup> Apr. 15 prices.<sup>2</sup> Data not available.

Statistical Reporting Service.

Table 407.—Field seeds: Season average price per 100 pounds received by farmers, United States, 1960–69

Year	White clover	Ladino clover	Redtop <sup>1</sup>	Orchardgrass	Kentucky bluegrass <sup>2</sup>	Sudangrass <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960	64.50	60.10	15.70	15.60	5.69	5.61
1961	46.10	57.00	17.20	18.10	6.93	5.51
1962	59.10	61.00	18.60	17.20	5.48	6.38
1963	35.60	48.50	29.80	24.00	6.32	5.06
1964	34.70	52.50	32.30	16.10		4.98
1965	35.40	45.50		15.50		
1966	34.40	50.00		15.00		
1967	42.90	62.50		15.30		
1968	61.30	71.00		19.50		
1969 <sup>3</sup>	55.60	70.00		19.90		
Year	Smooth bromegrass <sup>1</sup>	Crested wheatgrass <sup>1</sup>	Chewings fescue	Red fescue	Tall fescue	Bentgrass
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960	9.51	16.30	16.20	17.00	11.00	28.20
1961	9.44	17.10	14.50	14.50	10.40	27.70
1962	10.50	11.50	14.00	16.50	15.60	45.10
1963	13.40	11.90	31.00	35.90	18.60	48.40
1964	8.31	11.00	33.00	36.50	9.72	33.80
1965			42.50	41.90	9.38	41.90
1966			25.50	25.30	8.30	25.90
1967			19.50	18.90	8.58	35.10
1968			22.00	20.90	10.50	36.60
1969 <sup>3</sup>			22.50	24.00	14.30	35.10

<sup>1</sup> Beginning 1965, estimates discontinued.<sup>2</sup> Rough, cured seed; discontinued, beginning 1964.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 412.

Table 408.—Vegetable seeds: Acreage, production, and stocks held by dealers on June 30, United States, 1967-69

Kind of seed	Acreage harvested			Production			Stocks		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	Acres	Acres	Acres	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bean:									
Bush green	36,340	24,659	19,321	53,149	35,512	30,012	14,846	26,937	28,102
Bush wax	4,117	2,989	3,578	6,463	3,796	5,358	2,570	4,046	3,390
Pole (green and wax)	2,193	1,424	1,188	3,911	2,447	2,134	2,564	2,582	1,946
Bush lima	8,904	9,014	5,239	16,535	19,129	9,578	988	3,099	7,212
Pole lima	22	276	173	20	670	381	143	175	385
Beet, garden	1,397	686	746	1,624	809	962	1,668	2,075	1,719
Broccoli	62	69	51	66	71	56	129	146	137
Cabbage	860	539	358	721	327	200	660	1,074	762
Carrot	1,841	1,809	1,546	829	975	1,114	899	935	749
Cauliflower	160	107	144	69	67	72	57	75	79
Celery	20	25	47	14	16	41	42	32	33
Chard, Swiss	36	58	53	60	48	62	128	138	86
Corn:									
Sweet, hybrids	7,457	8,085	10,011	12,111	13,143	15,877	5,139	3,107	3,742
Sweet, open-pollinated	424	445	377	854	846	794	846	726	592
Nonsweet	302	404	156	704	990	315	77	93	202
Cucumber	3,352	4,845	3,095	1,217	1,725	1,332	656	804	1,367
Eggplant	55	46	48	10	6	15	12	16	14
Endive	65	36	44	57	31	41	102	100	75
Kale	73	139	63	59	129	48	59	59	75
Kohlrabi	46	21	13	33	17	7	13	41	24
Leek	20	4	2	8	2	( <sup>2</sup> )	8	10	11
Lettuce:									
Heading	1,168	1,420	1,583	376	491	667	474	443	428
Loose-leaf	253	337	634	78	115	284	158	102	72
Romaine	50	87	83	28	29	41	30	37	40
Muskmelon	1,869	2,726	3,061	458	799	924	419	364	252
Watermelon	11,362	18,271	22,002	1,888	2,301	2,816	530	514	528
Mustard	321	426	379	326	409	444	292	294	323
Okra	234	419	566	216	536	554	233	111	254
Onion	2,090	2,323	2,395	1,013	691	771	539	635	464
Parsley	113	138	139	37	29	41	126	130	67
Parsnip	51	50	53	44	79	41	42	34	9
Pea	88,185	79,824	82,695	157,026	148,070	162,466	47,738	57,868	57,666
Pepper	2,005	2,933	2,012	224	348	238	121	162	253
Pumpkin	141	120	226	67	59	109	88	94	57
Radish	1,645	1,436	1,880	1,346	1,421	1,641	1,630	1,687	1,891
Salsify	1	2	2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8	10	7
Spinach	743	656	561	925	752	815	794	806	682
Squash:									
Summer	930	1,029	1,039	520	640	551	391	436	402
Winter	374	505	500	165	170	210	136	137	132
Tomato	4,785	4,706	3,081	582	607	387	293	408	556
Turnip	748	512	591	969	550	856	698	1,041	808
Rutabaga	55	30	35	108	25	39	54	123	71
Total	184,869	173,640	169,770	264,960	238,877	242,350	86,400	111,706	115,754

<sup>1</sup> Preliminary.<sup>2</sup> Less than 1,000 pounds.

Statistical Reporting Service. Compiled from reports of commercial vegetable seed growers and handlers.

Table 409.—Agricultural seeds: Imports admitted under the Federal Seed Act into the United States, 1966-69

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1966	1967	1968	1969 <sup>1</sup>		1966	1967	1968	1969 <sup>1</sup>
	<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>
Alfalfa	114	1,077	680	137	Lovegrass, weeping	22	107	32	41
Barley <sup>2</sup>	669	262	1,016	841	Lupine, blue <sup>2</sup>	594			
Barrelover				4	Medick, black		4		20
Bean:					Millet:				
Adzuki <sup>2</sup>	2				Foxtail <sup>2</sup>				20
Mung <sup>2</sup>	1				Pearl		635	3	31
Velvet			169	168	Mixtures:				
Beet:					Grasses	7	10	6	29
Field	17	4	2	4	Legumes	1,145	2,026	3,278	3,060
Sugar	33	159	186	38	Mustard <sup>2</sup>	182	10		
Bentgrass:					Mustard, white <sup>2</sup>	189	367		3
Colonial	5	4	30	25	Oaf <sup>2</sup>	28,291	16,167	13,990	8,271
Creeping	4	1	80	58	Panicgrass, green	7	12	9	2
Bluegrass:					Pea, field <sup>2</sup>	183	456	310	271
Kentucky	6,841	3,193	857	1,818	Peanut			1	
Rough	794	1,082	1,040	1,039	Rape, annual <sup>2</sup>	5	3	329	83
Wood	33	19	8		Redtop			3	45
Brome, smooth	2,309	1,270	1,713	150	Rye <sup>2</sup>	766	171	30	154
Broomcorn	2			2	Ryegrass:				
Buckwheat <sup>2</sup>		14		26	Annual	82	11	47	509
Castor-bean <sup>2</sup>	1	1			Perennial	212	266	603	993
Clover:					Wimmera		2		
Alsike	4,607	4,555	3,157	3,715	Sainfoin	54	44	30	44
Berseem			9	34	Sorghum <sup>2</sup>	1,518	2,418	1,379	2,053
Crimson			2	1	Sorghum alnum	1,683	743	329	434
Ladino		2	2	1	Sorghum-sudangrass hybrid	1	9		
Persian		4	6		Soybean <sup>2</sup>	7	2	6	6
Red	3,082	6,353	9,891	7,332	Sunflower <sup>2</sup>	73	148	29	28
Rose		37	24	34	Sweetclover	10,116	2,323	1,359	729
Small hop (suckling)	23	8	4	13	Sweetclover:				
Strawberry	71	8			White	8	109	102	87
Subterranean	294	189	156	376	Yellow	245	8,499	12,144	13,327
White	464	974	660	296	Timothy	2,888	252	423	65
Corn, field <sup>2</sup>	5,610	4,654	3,353	3,628	Trefoil:				
Cotton		35		111	Big	5	4	3	
Cowpea <sup>2</sup>	212	47	2		Birdsfoot	498	429	1,082	492
Crownvetch			11		Vetch:				
Fescue:					Common <sup>2</sup>		1		
Chewings	29	6	4	22	Hairy <sup>2</sup>	8		1,164	1,153
Hard	113	547	719	554	Wheat <sup>2</sup>	23,924	27,448	29,318	75,958
Meadow	1,078	943	3,322	1,831	Wheat:				
Red	9,701	10,423	16,397	12,573	Durum <sup>2</sup>	6		3	
Tall	1	1	1	2	Emmer		15		
Flax <sup>2</sup>	67	40	33	8	Wheatgrass:				
Grass:					Crested	615	50	220	782
Buffel	4		3		Intermediate	83	65		4
Canary <sup>2</sup>		1	381	56	Pubescent	99		29	16
Canarygrass, reed			1		Slender	21	5	1	
Carpet	84	116	283	98	Streambank			3	8
Dallis	121	223	160	125	Tall	1	35		
Guinea	2		22	1	Wildrye, Russian	231	4		
Harding		11							
Japanese lawn	14	12	6	4	Total	116,043	105,975	118,843	148,645
Orchard	5,821	6,859	8,196	4,804					
Rhodes	1	19	1						
Veldt				1					

<sup>1</sup> Includes July 1969 through April 1970.

<sup>2</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Consumer and Marketing Service.

Table 410.—Vegetable seeds: Imports admitted under the Federal Seed Act into the United States, 1966-69

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1966	1967	1968	1969 <sup>1</sup>		1966	1967	1968	1969 <sup>1</sup>
	100 pounds	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds	100 pounds
Asparagus.....	2	9	2	2	Endive.....	9	12	15	10
Bean:					Kale.....	42	21	5	6
Asparagus.....	7	16	10	16	Kohlrabi.....	26	7	59	5
Garden.....	611	3,709	1,180	1,111	Leek.....	37	38	17	40
Runner.....	355	72	294	.....	Lettuce <sup>2</sup> .....	1,793	2,233	2,604	1,735
Beet.....	25	26	57	6	Muskmelon.....	165	93	37	175
Broadbean <sup>2</sup> .....	100	62	.....	.....	Mustard <sup>2</sup> .....	23	28	8	4
Broccoli.....	.....	.....	4	4	Mustard, spinach.....	1	1	1	.....
Brussels sprouts.....	24	58	22	42	Okra.....	.....	.....	90	.....
Burdock.....	16	5	9	7	Onion.....	303	500	209	698
Cabbage.....	61	66	38	66	Pak-choi.....	2	6	7	.....
Cardoon.....	2	7	2	.....	Parsley <sup>2</sup> .....	89	135	69	115
Carrot.....	57	38	49	60	Parsnip.....	4	.....	2	.....
Cauliflower.....	20	26	34	3	Pea, garden <sup>2</sup> .....	1,721	16,394	2,023	572
Celeriac.....	1	1	1	.....	Pepper <sup>2</sup> .....	40	147	223	89
Celery <sup>2</sup> .....	3	8	5	25	Pumpkin <sup>2</sup> .....	1	2	2	5
Chard, Swiss.....	133	183	27	33	Radish.....	84	117	67	74
Chicory.....	8	16	9	9	Rutabaga.....	5	3	3	23
Chinese cabbage.....	26	29	23	29	Salsify.....	.....	.....	11	.....
Chives.....	4	15	2	5	Sorrel.....	.....	2	1	1
Corn, sweet.....	3	36	7	95	Soybean <sup>2</sup> .....	1	1	.....	5
Cornsalad.....	2	1	1	1	Spinach.....	693	823	732	380
Cress:					Spinach, New Zealand.....	39	57	74	39
Garden.....	12	15	14	57	Squash.....	6	15	80	31
Upland.....	4	4	2	.....	Tomato.....	1,407	1,632	2,114	1,102
Water.....	2	.....	1	1	Turnip.....	62	73	75	102
Cucumber.....	31	137	105	332	Watermelon <sup>2</sup> .....	23	176	132	82
Dandelion.....	.....	.....	1	.....	Total.....	8,137	27,177	10,601	7,221
Eggplant.....	47	73	44	23					

<sup>1</sup> Includes July 1969 through April 1970.<sup>2</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Consumer and Marketing Service.

Table 411.—Seeding rates: Quantity of seed used per acre for specified crops, by States

State	Corn	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Flax-seed	Sorghums	Rice	Beans, dry edible	Peas, dry field	Soy-beans	Potatoes (Irish)	Sweet potatoes	Pea-nuts <sup>1</sup>	Cotton <sup>2</sup>
	<i>Pounds</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Bushels</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Bushels</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Pounds</i>	<i>Pounds</i>
Maine.....	17.3				3.3									22.8			
New Hampshire.....	18.5													16.0			
Vermont.....	16.8				2.3									16.0			
Massachusetts.....	16.3													16.0			
Rhode Island.....	16.4													17.0			
Connecticut.....	16.7													16.0			
New York.....	16.3	2.1			2.4	2.2	2.1				67		1.6	20.5			
New Jersey.....	11.9	2.2			2.5	2.2	2.0						1.8	18.0	3.5		
Pennsylvania.....	11.9	2.1			2.6	2.1	1.9						1.9	17.5			
Ohio.....	11.5	2.1			2.5	2.0	1.8						1.3	14.8			
Indiana.....	11.0	1.9			2.3	1.8	1.6			11.2			1.1	18.6			
Illinois.....	11.2	1.7			2.8	1.9	1.6			12.2			1.1	15.0			27
Michigan.....	11.2	2.0			2.4	2.0	1.7				45		1.2	19.0			
Wisconsin.....	12.4	1.8		1.9	2.8	2.2	1.5						1.2	15.7			
Minnesota.....	11.3	1.6	1.6	1.5	2.7	1.8	1.5	0.85			60	110	1.2	14.1			
Iowa.....	11.4	1.7			3.2	2.3	1.6	1.0		9.3			1.2	11.0			
Missouri.....	10.0	1.7			2.4	2.0	1.7			8.0	150		1.1	8.5			29
North Dakota.....	9.2	.9	1.4	1.2	1.9	1.4	1.2	.65		16.0		60	95	1.1	13.5		
South Dakota.....	8.1	1.0	1.4	1.2	2.5	1.5	1.2	.80		7.0				1.2	11.0		
Nebraska.....	9.0	1.1			2.5	1.6	1.2			6.1				1.2	12.4		
Kansas.....	8.7	.9			2.2	1.3	1.0			5.0				1.1	8.5		
Delaware.....	10.1	1.9			2.4	2.0	1.8							1.0	14.0		
Maryland.....	10.4	1.9			2.4	2.1	1.8							1.0	13.1	3.7	
Virginia.....	10.1	1.7			2.4	2.0	1.6			14.2			1.1	10.9	5.0	115	26
West Virginia.....	11.0	1.9			2.3	2.0								9.3			
North Carolina.....	10.2	1.5			2.9	2.0	1.5			13.0			1.0	12.8	6.0	125	26
South Carolina.....	10.3	1.7			2.9	2.2	1.7			15.6			1.0		4.0	100	20
Georgia.....	8.8	1.8			3.2	2.1	1.9			22.0			1.0		3.4	120	22
Florida.....	8.0	1.7			3.0								1.0	21.5		110	24
Kentucky.....	10.2	1.6			2.0	1.9	1.7			12.0			1.2	8.5			27
Tennessee.....	9.8	1.6			2.4	2.0	1.7			13.7			1.2	8.5	4.0		24
Alabama.....	8.7	1.7			2.9					14.2			1.2	13.1	3.0	110	26
Mississippi.....	9.8	1.9			3.0					17.9	140		1.1	9.0	5.5	55	23
Arkansas.....	9.1	1.9			3.0	2.1				12.6	151		1.1	8.0	3.0		28
Louisiana.....	10.7	1.8			3.2					18.0	140		1.0	7.5	7.0		20
Oklahoma.....	9.3	1.0			2.2	1.4	1.1			11.0			1.0			90	18
Texas.....	8.4	.9			2.1	1.3	1.0	.45		7.2	111		1.2	12.6	6.0	75	24
Montana.....	12.5	.9	1.0	.9	1.7	1.2	.9	.40				60		14.5			
Idaho.....	14.3	1.1		1.5	2.5	1.6	1.5					95	155	16.5			
Wyoming.....	12.7	.75		1.1	2.3	1.7	.9					71		16.0			
Colorado.....	13.5	.6		1.1	1.9	1.2	.7			6.8		31		18.0			
New Mexico.....	12.3	.75			2.1	1.9				10.0		25		16.0		100	28
Arizona.....	13.8	2.0			2.8	2.5				12.0				14.0			18
Utah.....	15.2	1.2		1.6	2.8	1.9						16		14.5			
Nevada.....	10.2	1.5		1.0	2.7	2.1											29
Washington.....	14.7	.95		1.3	2.5	1.4	1.0					83	170	16.0			
Oregon.....	12.2	1.0		1.5	2.9	1.7	1.1						150	16.0			
California.....	16.0	1.3	1.9		2.7	1.9		.95	16.5	150	58			18.0	3.8		29
United States.....	10.8	1.10	1.38	1.19	2.52	1.55	1.41	.71	7.4	137	51	161	1.13	16.7	5.7	106	24

SEEDING RATES

283

<sup>1</sup> Farmers stock (unshelled basis).<sup>2</sup> Fuzzy equivalent basis.

Statistical Reporting Service. United States average is rate of seeding weighted by acreage planted, by States.

Table 412.—Beans, dry edible: Acreage, yield, production, value, and foreign trade, United States, 1959-69<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre <sup>2</sup>	Production <sup>2</sup>	Season average price per 100 pounds received by farmers <sup>3</sup>	Farm value	Wholesale price per 100 pounds of pea beans, New York, year beginning September <sup>4</sup>	Farm and commercial storage stocks, Sept. 1	Foreign trade, year beginning September	
									Domestic exports	Imports for consumption
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	Dollars	1,000 dollars	Dollars	1,000 cwt.	1,000 cwt.	1,000 cwt.
1959 <sup>5</sup>		<i>1,414</i>	<i>1,350</i>	<i>19,087</i>						
1959	1,517	1,435	1,290	18,505	6.93	128,268	7.44	1,000	3,547	100
1960	1,438	1,400	1,244	17,411	7.14	124,329	7.56	1,300	1,819	118
1961	1,445	1,414	1,391	19,672	6.91	136,070	8.07	1,300	1,742	55
1962	1,465	1,414	1,269	17,942	6.79	121,812	8.10	2,300	3,224	23
1963	1,404	1,370	1,459	19,982	6.99	139,750	8.03	1,300	3,901	39
1964 <sup>5</sup>		<i>1,538</i>	<i>1,520</i>	<i>17,657</i>						
1964	1,442	1,388	1,252	17,375	7.52	130,691	8.22	2,000	2,941	72
1965	1,556	1,484	1,109	16,457	8.68	142,821	10.28	1,200	2,260	50
1966	1,521	1,486	1,343	19,962	7.17	143,150	8.03	1,100	3,654	33
1967	1,290	1,211	1,253	15,177	9.27	140,727	10.69	2,200	2,068	48
1968	1,484	1,434	1,213	17,389	8.20	142,484	10.62	1,100	2,753	22
1969 <sup>6</sup>	1,539	1,481	1,269	18,795	7.64	143,675				

<sup>1</sup> Includes, besides the ordinary edible beans, blackeyes and garbanzos in California. Excludes soybeans, mung beans, and beans grown for garden seed.

<sup>2</sup> Cleaned basis.

<sup>3</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>4</sup> Compiled from the New York Journal of Commerce.

<sup>5</sup> Census yield and production on partially uncleaned basis.

<sup>6</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census; census figures include all States; other figures, principal producing States only. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1924-58 in *Agricultural Statistics, 1962*, table 420, include beans grown for garden seed and are not strictly comparable.

Table 413.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1967-69<sup>1</sup>

Class	1967	1968	1969 <sup>2</sup>	Class	1967	1968	1969 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
Pea (navy)	4,787	5,615	7,259	Yelloweye	42	49	25
Great northern	1,500	1,383	1,767	Black turtle soup	321	314	223
Small white	423	441	488	Large lima	774	814	770
Flat small white	50	60	96	Baby lima	280	589	430
Pinto	4,039	4,658	4,283	Blackeye, California	565	781	513
Red kidney <sup>3</sup>	1,158	1,124	1,474	Garbanzo	88	58	101
Pink	498	682	501	Other	259	274	210
Small red	266	354	465				
Cranberry	137	184	190	Total	15,177	17,389	18,795

<sup>1</sup> Soybeans, mung beans, and beans grown for garden seed are not included.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes dark red kidney.

Statistical Reporting Service.

**Table 414.—Beans, dry edible: Acreage, yield, production, and season average price per hundredweight received by farmers, by States, 1967-69<sup>1</sup>**

State	Acreage planted			Acreage harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
New York.....	90	94	80	73	80	77	1,510	1,130	1,150	1,102	904	886	8.70	11.10	9.80
Michigan.....	554	615	689	503	599	671	1,060	1,050	1,210	5,332	6,290	8,119	8.40	8.00	6.50
Minnesota.....	6	6	7	6	5	5	700	875	900	42	44	45	7.00	5.50	5.90
North Dakota.....	23	25	24	22	24	18	970	1,000	1,000	213	240	180	7.30	5.60	6.10
Nebraska.....	71	82	100	69	80	92	1,850	1,800	1,850	1,276	1,440	1,702	7.70	7.00	6.80
Kansas.....	12	19	25	11	17	20	1,400	1,000	850	154	170	170	7.90	5.80	6.40
Montana.....	8	9	9	8	9	9	1,800	1,800	1,500	144	162	135	7.90	6.00	6.80
Idaho.....	92	115	99	91	111	99	1,720	1,550	1,820	1,565	1,720	1,802	8.00	6.70	7.50
Wyoming.....	35	39	29	38	38	28	1,650	1,620	1,640	627	616	459	8.10	6.40	7.20
Colorado.....	184	228	235	179	222	222	1,030	920	860	1,844	2,042	1,909	8.20	6.30	7.50
New Mexico.....	5	5	6	4	4	5	500	525	530	20	21	26	8.00	7.20	7.50
Utah.....	9	11	12	9	11	12	680	550	540	61	60	65	8.10	6.40	7.20
Washington.....	9	22	20	9	20	19	1,900	1,750	1,900	171	350	361	9.70	8.60	8.80
California:															
Large lima.....	49	44	45	49	44	45	1,580	1,850	1,710	774	814	770	.....	.....	.....
Baby lima.....	16	29	26	15	29	26	1,750	2,030	1,655	280	589	430	.....	.....	.....
Other.....	124	141	133	124	141	133	1,268	1,367	1,305	1,572	1,927	1,736	.....	.....	.....
Total California..	189	214	204	189	214	204	1,389	1,556	1,439	2,626	3,330	2,936	14.20	11.00	11.00
United States....	1,290	1,484	1,530	1,211	1,434	1,481	1,253	1,213	1,269	15,177	17,389	18,795	9.27	8.20	7.64

<sup>1</sup> Includes, besides the ordinary edible beans, blackeyes and garbanzos in California. Excludes soybeans, mung beans, and beans grown for garden seed.

<sup>2</sup> Preliminary.

<sup>3</sup> Price of cleaned beans; prices include an allowance for unredeemed loans and pur-

chases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 415.—Beans, dry edible (cleaned basis): Production, seed used, and farm disposition, United States, 1960-69 <sup>1</sup>

Crop of—	Production	Total used for seed	Disposition on farms where grown		
			Used for seed	Home use <sup>2</sup>	Sold from farms
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1960 .....	17,411	727	206	12	17,193
1961 .....	19,672	746	188		19,484
1962 .....	17,942	715	180		17,762
1963 .....	19,932	744	166		19,816
1964 .....	17,375	803	183		17,192
1965 .....	16,457	814	181		16,276
1966 .....	19,962	699	182		19,780
1967 .....	15,177	781	162		15,015
1968 .....	17,389	786	184		17,205
1969 <sup>3</sup> .....	18,795	787	155		18,640

<sup>1</sup> Excludes soybeans, mung beans, and beans grown for garden seed.

<sup>2</sup> Also includes small quantities fed to livestock or lost. Discontinued after 1960.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1934-58 in *Agricultural Statistics, 1968*, table 422, include beans grown for garden seed and are not strictly comparable.

Table 416.—Beans, dry edible (cleaned basis): Production, seed used, and farm disposition, by States, crop of 1969 (preliminary) <sup>1</sup>

State	Production	Total used for seed	Disposition on farms where grown	
			Used for seed	Sold from farms
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
New York.....	886	56	6	880
Michigan.....	8,119	297	50	8,069
Minnesota.....	45	4		45
North Dakota.....	180	13		180
Nebraska.....	1,702	55		1,702
Kansas.....	170	12		170
Montana.....	135	5	1	134
Idaho.....	1,802	102	15	1,787
Wyoming.....	459	21		459
Colorado.....	1,909	79	36	1,873
New Mexico.....	26	2	1	25
Utah.....	65	2	2	63
Washington.....	361	24		361
California.....	2,936	115	44	2,892
United States.....	18,795	787	155	18,640

<sup>1</sup> Excludes soybeans, mung beans, and beans grown for garden seed.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 417.—Beans, dry edible: <sup>1</sup> Acreage, yield, and production in specified countries, average 1960-64, annual 1968 and 1969

Continent and country	Acreage			Yield per acre			Production		
	Average 1960-64	1968	1969	Average 1960-64	1968	1969	Average 1960-64	1968	1969
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>North America:</b>									
Canada.....	68	91	90	1,248	1,069	1,436	849	973	1,292
Costa Rica.....	113	99	99	333	343	355	375	340	351
Dominican Republic.....	49	64	69	990	689	926	486	441	639
El Salvador.....	61	78	84	477	601	682	291	469	573
Guatemala.....	140	265	266	797	574	515	762	1,521	1,369
Honduras.....	237	304	330	394	400	400	934	1,217	1,318
Mexico.....	4,133	5,720	4,448	367	407	446	15,176	23,281	19,841
Nicaragua.....	108	147	150	661	706	705	668	1,038	1,058
Panama.....	52	41	41	238	271	271	124	111	111
United States.....	1,397	1,434	1,481	1,323	1,213	1,269	18,476	17,389	18,795
<b>Total.....</b>	<b>6,358</b>	<b>8,243</b>	<b>7,058</b>	<b>600</b>	<b>568</b>	<b>642</b>	<b>38,141</b>	<b>46,780</b>	<b>45,347</b>
<b>South America:</b>									
Argentina <sup>2</sup> .....	69	121	149	936	417	472	646	505	703
Brazil.....	6,904	8,686	8,800	580	460	550	40,036	39,680	48,500
Chile <sup>2</sup> .....	227	154	117	875	973	961	1,987	1,499	1,124
Colombia.....	262	273	297	497	460	460	1,301	1,257	1,367
Peru.....	102	163	178	883	798	805	901	1,301	1,433
Venezuela.....	237	178	200	443	731	606	1,049	1,301	1,213
<b>Total.....</b>	<b>7,801</b>	<b>9,575</b>	<b>9,741</b>	<b>589</b>	<b>476</b>	<b>550</b>	<b>45,920</b>	<b>45,543</b>	<b>54,340</b>
<b>Europe:</b>									
Belgium and Luxem- bourg.....	1	1	1	2,213	1,990	2,257	21	23	31
France.....	190	97	90	935	1,241	1,049	1,777	1,204	944
Germany, West.....	4	3	2	1,861	2,140	2,500	80	54	60
Greece <sup>3</sup> .....	124	102	92	1,014	1,299	1,323	1,259	1,324	1,217
Italy.....	845	568	523	488	643	698	4,125	3,651	3,651
Netherlands.....	7	7	8	2,388	1,761	1,928	168	119	154
Portugal.....	1,014	939	907	131	117	114	1,337	1,102	1,036
Spain.....	258	220	208	1,140	1,192	1,145	2,937	2,623	2,381
Sweden.....	3	3	2	634	1,590	950	42	55	19
Yugoslavia <sup>3</sup> .....	530	497	655	757	777	892	4,014	3,858	5,842
<b>Total.....</b>	<b>2,976</b>	<b>2,437</b>	<b>2,488</b>	<b>530</b>	<b>575</b>	<b>616</b>	<b>15,760</b>	<b>14,013</b>	<b>15,336</b>
<b>Asia:</b>									
Japan.....	220	169	158	1,175	1,367	1,311	2,586	2,310	2,072
Lebanon.....	4	2	2	1,047	1,050	1,050	39	22	33
Syria.....	3	5	5	931	1,200	1,200	32	66	66
Turkey.....	281	270	272	1,084	1,119	1,110	3,046	3,020	3,020
<b>Total.....</b>	<b>508</b>	<b>446</b>	<b>437</b>	<b>1,123</b>	<b>1,215</b>	<b>1,188</b>	<b>5,703</b>	<b>5,418</b>	<b>5,191</b>
<b>Africa:</b>									
Angola.....	190	295	295	410	475	475	775	1,400	1,400
Malagasy Republic.....	107	108	115	780	800	800	838	860	926
South Africa, Republic of.....	200	210	205	500	530	400	1,016	1,110	821
<b>Total.....</b>	<b>497</b>	<b>613</b>	<b>615</b>	<b>529</b>	<b>550</b>	<b>512</b>	<b>2,629</b>	<b>3,370</b>	<b>3,147</b>
<b>Grand total.....</b>	<b>18,140</b>	<b>21,314</b>	<b>20,339</b>	<b>596</b>	<b>540</b>	<b>607</b>	<b>108,153</b>	<b>115,124</b>	<b>123,361</b>

<sup>1</sup> Includes generally all beans of the species *phaseolus vulgaris* (haricot or kidney-shaped beans) and *phaseolus lunatus* (lima beans).

<sup>2</sup> Harvested immediately preceding the harvest in Northern Hemisphere.

<sup>3</sup> Yields are computed from data for beans grown alone.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 418.—Beans, dry edible: Season average wholesale price per 100 pounds, at selected markets, 1959-68

Year beginning September	New York City <sup>1</sup>		F.o.b. California points					F.o.b. Idaho points	F.o.b. Colorado points	F.o.b. Michigan points
	Pea, choice	Lima, large standard	Baby lima, choice	Lima, large	Red kidney	Small red	Small white	Great northern, U.S. No. 1 <sup>2</sup>	Pinto, U.S. No. 1 <sup>2</sup>	Pea, U.S. No. 1 <sup>2</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1959.....	7.44	13.77	8.10	12.04	15.56	10.69	7.47	7.13	8.12	6.29
1960.....	7.56	18.48	11.00	16.73	8.15	7.53	9.08	7.68	8.00	6.53
1961.....	8.07	17.68	8.12	15.13	8.84	9.12	10.36	7.16	6.80	6.85
1962.....	8.10	14.13	8.42	11.30	9.07	.....	9.45	8.90	7.48	.....
1963.....	8.03	13.56	6.50	11.49	12.36	.....	9.44	7.43	6.91	.....
1964.....	8.22	15.33	7.28	13.32	10.72	.....	10.95	7.69	10.72	.....
1965.....	10.28	16.38	12.65	14.14	12.18	.....	12.15	9.59	8.98	.....
1966.....	8.03	24.37	11.11	23.33	9.48	.....	9.43	7.47	7.47	.....
1967.....	10.69	22.85	14.89	19.45	13.72	.....	13.17	8.50	9.54	.....
1968 <sup>3</sup> .....	10.62	18.11	7.81	14.46	23.26	.....	11.85	8.62	7.83	.....

<sup>1</sup> Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

<sup>2</sup> Prices include brokerage, cleaning, and handling charges.

<sup>3</sup> Preliminary.

Economic Research Service. Compiled from New York Producers Price Current, New York Journal of Commerce, and San Francisco Weekly Bean Market Review. Data for 1944-58 in *Agricultural Statistics, 1967*, table 423.

Table 419.—Beans, dry edible (cleaned basis): Price-support operations, United States, 1960-70

Year beginning September	Support price <sup>1</sup>		Season average price per cwt. received by farmers	Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Aug. 31
	Per cwt.	Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	1,000 cwt.	Percent	1,000 cwt.	1,000 cwt.
1960.....	5.35	61	7.14	3,325	19.1	1,847	999
1961.....	6.32	70	6.91	5,176	26.3	3,099	2,264
1962.....	6.32	68	6.79	2,620	14.6	1,314	912
1963.....	6.32	67	6.99	3,185	15.9	1,613	1,469
1964.....	6.32	68	7.52	1,224	6.5	761	599
1965.....	6.32	67	8.68	707	4.3	41	43
1966.....	6.33	64	7.17	3,568	17.5	1,930	1,007
1967.....	6.37	63	9.27	666	4.4	.....	1
1968.....	6.38	61	8.20	1,688	9.7	28	1
1969.....	6.39	57	<sup>5</sup> 7.64	<sup>5</sup> 1,942	<sup>5</sup> 10.3	.....	25
1970.....	6.40	<sup>5</sup> 55	.....	.....	.....	.....	.....

<sup>1</sup> Announced equivalent support price at the producer level, computed from support prices on a cleaned, bagged, and graded basis, by classes, f.o.b. country shipping point.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>4</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 424.

Table 420.—Beans, dry edible: International trade, average 1960-64, annual 1967 and 1968

Continent and country	Average 1960-64		1967		1968	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Canada.....	222	72	856	71	303	81
Costa Rica.....	9	21	1	163	.....	312
El Salvador.....	7	300	66	319	20	342
Guatemala.....	23	16	58	41	27	36
Mexico.....	239	87	1,160	6	1,760	6
Nicaragua.....	37	.....	40	.....	102	.....
Panama.....	.....	41	.....	21	.....	47
United States.....	2,766	63	2,247	34	2,265	46
<b>Total.....</b>	<b>3,303</b>	<b>600</b>	<b>4,428</b>	<b>655</b>	<b>4,477</b>	<b>870</b>
South America:						
Argentina.....	140	.....	348	.....	203	.....
Brazil.....	.....	24	50	259	378	147
Chile.....	459	.....	289	.....	282	.....
Colombia.....	.....	20	4	176	55	220
Peru.....	6	6	17	10	7	3
Venezuela.....	.....	343	.....	535	.....	500
<b>Total.....</b>	<b>605</b>	<b>393</b>	<b>708</b>	<b>980</b>	<b>925</b>	<b>870</b>
Europe:						
Belgium and Luxembourg.....	80	214	70	325	83	223
France.....	89	571	68	612	80	721
Germany, West.....	36	593	3	360	.....	390
Greece.....	29	65	153	23	86	.....
Italy.....	159	92	20	494	20	314
Netherlands.....	230	407	106	401	134	1,070
Portugal.....	122	43	28	124	52	163
Spain.....	28	126	103	366	130	185
Sweden.....	.....	49	.....	58	.....	61
Switzerland.....	1	78	1	76	.....	73
United Kingdom.....	.....	1,836	.....	1,813	.....	1,745
Yugoslavia.....	67	37	245	.....	198	.....
<b>Total.....</b>	<b>841</b>	<b>4,111</b>	<b>797</b>	<b>4,652</b>	<b>783</b>	<b>4,945</b>
Asia:						
Japan <sup>1</sup> .....	183	769	6	2,266	3	1,470
Turkey.....	48	.....	80	.....	9	.....
<b>Total.....</b>	<b>231</b>	<b>769</b>	<b>86</b>	<b>2,266</b>	<b>12</b>	<b>1,470</b>
Africa:						
Angola.....	195	.....	234	.....	312	.....
Malagasy Republic.....	309	.....	256	.....	277	.....
Morocco.....	53	.....	2	4	6	1
Sudan.....	186	.....	146	.....	48	.....
United Arab Republic.....	24	90	10	.....	46	.....
<b>Total.....</b>	<b>767</b>	<b>90</b>	<b>648</b>	<b>4</b>	<b>689</b>	<b>1</b>
<b>Grand total.....</b>	<b>5,747</b>	<b>5,963</b>	<b>6,667</b>	<b>8,557</b>	<b>6,886</b>	<b>8,156</b>

<sup>1</sup> Adzuki and kidney beans only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 421.—Beans, dry edible: United States exports to specified countries, average 1960-64, annual 1968 and 1969

Continent and country	Average 1960-64	1968	1969	Continent and country	Average 1960-64	1968	1969
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
North America:				Europe—Continued			
British Honduras.....	11	1	6	Italy.....	48	92	107
Canada.....	85	89	75	Netherlands.....	104	89	136
Dominican Republic.....	49	85	131	Spain.....	71	44	132
French West Indies.....	33	39	29	United Kingdom.....	910	671	901
Mexico.....	260	191	173	Yugoslavia.....	74		
Panama.....	21	38	39	Total.....	1,526	1,048	1,630
Trinidad and Tobago.....	11	9	8	Asia:			
Total.....	470	452	461	Israel.....	27	23	32
South America:				Japan.....	90	176	405
Brazil.....	52	5		Philippines.....	10	24	32
Colombia.....	16	22		Total.....	127	223	469
Venezuela.....	228	350	233	Oceania:			
Total.....	296	377	233	Australia.....	57	42	69
Europe:				Other countries.....	369	237	189
Belgium and Luxembourg..	41	33	33	Grand total.....	2,845	2,379	3,051
France.....	219	87	229				
Germany, West.....	59	32	92				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 422.—Beans, dry edible: United States exports by class and quantity, 1959-68

Year <sup>1</sup>	Navy or pea	Great northern	Other white	Pinto	Red kidney	Small red	Other colored	Seed	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1959.....	1,433	629	114	550	72	500	172	54	3,524
1960.....	640	69	71	523	128	90	218	58	1,797
1961.....	902	44	75	270	134	27	247	45	1,744
1962.....	1,113	122	189	169	294	4	204	51	2,146
1963.....	1,938	726	137	362	375	35	220	109	3,902
1964.....	1,550	346	143	173	296	<sup>2</sup> 14	349	70	2,941
1965.....	1,075	240	78	138	223		435	72	2,261
1966.....	2,044	630	143	164	167		441	65	3,654
1967.....	762	277	137	270	136		377	109	2,068
1968.....	1,156	331	439	202	64		439	106	2,737

<sup>1</sup> Marketing year beginning September.<sup>2</sup> Four months only; not separately classified, beginning January 1965.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944-58 in *Agricultural Statistics, 1967*, table 427.

Table 423.—Peas, dry field: Acreage, yield, production, season average price per hundredweight received by farmers, and value, United States, 1954-69<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre (cleaned)	Production (cleaned)	Price <sup>2</sup>	Farm value
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	279	259	1,200	3,107	5.01	15,536
1955.....	335	300	891	2,673	5.30	14,147
1956.....	387	366	1,362	4,984	4.57	22,745
1957.....	315	294	1,228	3,610	3.59	12,926
1958.....	248	223	1,195	2,665	4.90	12,998
1959.....	368	348	1,436	4,997	3.90	19,458
1960.....	325	301	1,088	3,274	4.10	13,429
1961.....	358	336	1,059	3,559	4.19	14,899
1962.....	357	343	1,480	5,075	4.46	22,626
1963.....	335	315	1,552	4,889	4.26	20,832
1964.....	314	297	1,643	4,880	3.76	18,350
1965.....	232	223	1,828	4,076	4.18	17,032
1966.....	252	239	1,557	3,721	4.55	16,930
1967.....	244	234	1,548	3,623	4.66	16,879
1968.....	254	244	1,527	3,725	4.82	17,947
1969 <sup>3</sup> .....	300	288	1,672	4,815	4.56	21,956

<sup>1</sup> 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.

<sup>2</sup> Obtained by weighting State prices by quantity sold.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 428.

Table 424.—Peas, dry field: Acreage, yield, production, and season average price per hundredweight received by farmers, by States, 1967-69<sup>1</sup>

State	Acreage planted			Acreage harvested			Yield per harvested acre (cleaned basis)		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<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>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
Minnesota.....	7	8	8	6	6	6	1,500	1,150	1,450
North Dakota.....	4	4	4	3	3	2	1,300	1,300	1,300
Idaho.....	102	99	115	100	98	114	1,530	1,610	1,700
Washington.....	121	134	161	116	129	155	1,600	1,500	1,670
Oregon.....	10	9	12	9	8	11	1,200	1,300	1,690
United States.....	244	254	300	234	244	288	1,548	1,527	1,672

  

State	Production (cleaned basis)			Price for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Minnesota.....	90	69	87	3.75	3.70	3.60
North Dakota.....	39	39	26	3.75	3.65	3.50
Idaho.....	1,530	1,578	1,938	4.80	4.90	4.60
Washington.....	1,856	1,935	2,588	4.60	4.80	4.55
Oregon.....	108	104	176	4.75	5.10	4.90
United States.....	3,623	3,725	4,815	4.66	4.82	4.56

<sup>1</sup> Estimates are for States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas nor Austrian winter peas.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 425.—Peas, dry edible: Acreage, yield, and production in specified countries, average 1960-64, annual 1968 and 1969

Continent and country	Acreage			Yield per acre			Production		
	Average 1960-64	1968	1969	Average 1960-64	1968	1969	Average 1960-64	1968	1969
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
North America:									
Canada.....	60	53	73	1,122	1,157	1,052	678	613	768
United States.....	318	244	288	1,364	1,527	1,672	4,335	3,725	4,815
Total.....	378	297	361	1,326	1,461	1,547	5,013	4,338	5,583
South America:									
Argentina.....	47	30	46	1,046	725	1,047	496	220	475
Chile.....	40	42	27	502	608	532	199	254	143
Colombia.....	111	124	128	493	535	498	546	661	639
Venezuela.....	9	10	9	455	446	445	40	44	40
Total.....	207	206	210	619	572	618	1,281	1,179	1,298
Europe:									
Belgium and Luxembourg...	17	13	12	2,976	2,663	2,578	506	333	316
France.....	27	11	12	1,933	2,102	2,008	517	234	238
Germany, West.....	11	3	4	1,849	2,202	2,210	211	69	98
Italy.....	33	20	20	690	830	858	225	166	174
Netherlands.....	56	27	30	3,243	2,885	2,965	1,829	788	884
Spain.....	76	47	42	689	657	682	525	309	287
Sweden.....	21	10	9	1,173	1,567	1,122	252	159	97
United Kingdom.....	33	50	48	2,446	2,661	2,402	797	1,344	1,165
Total.....	274	181	177	1,774	1,880	1,841	4,862	3,402	3,259
Asia:									
India.....	3,028	2,348	2,325	742	835	800	22,466	19,608	18,625
Japan.....	31	15	12	1,037	1,179	1,069	318	172	133
Turkey.....	7	8	7	946	1,032	1,041	66	82	77
Total.....	3,066	2,371	2,344	745	838	805	22,850	19,862	18,835
Africa:									
Morocco.....	149	133	138	489	777	653	727	1,036	904
Grand total.....	4,074	3,188	3,230	853	935	925	34,733	29,817	29,879

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 426.—Peas, dry field (cleaned basis): Production, by classes, United States, 1966-69<sup>1</sup>

Class	1966	1967	1968	1969 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Alaska and other smooth green kinds.....	1,988	1,990	2,105	2,744
White Canadas, First and Best, and other smooth yellow and white kinds.....	724	653	570	889
Other.....	1,009	980	1,050	1,182
Total.....	3,721	3,623	3,725	4,815

<sup>1</sup> Cowpeas and Austrian winter peas are not included.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 427.—Peas, dry field (cleaned basis): Production, seed used, and farm disposition, United States, 1960-69<sup>1</sup>**

Crop of—	Production	Total used for seed	Disposition on farms where grown		
			Used for seed	Lost and fed to livestock <sup>2</sup>	Sold from farms
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1960.....	3,274	504	121	17	3,136
1961.....	3,559	505	112	.....	3,447
1962.....	5,075	485	128	.....	4,947
1963.....	4,889	461	125	.....	4,764
1964.....	4,880	339	106	.....	4,774
1965.....	4,076	377	98	.....	3,978
1966.....	3,721	382	91	.....	3,630
1967.....	3,623	402	100	.....	3,523
1968.....	3,725	483	125	.....	3,600
1969 <sup>3</sup> .....	4,815	530	129	.....	4,686

<sup>1</sup> Includes peas grown for seed and cannery peas harvested dry.  
<sup>2</sup> Converted to cleaned basis, not including culls. Included with "Sold from farms" after 1960.  
<sup>3</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1941-59 in *Agricultural Statistics, 1967*, table 432.

**Table 428.—Peas, dry field (cleaned basis): Production, seed used, and farm disposition, by States, crop of 1969 (preliminary)<sup>1</sup>**

State	Production	Total used for seed	Disposition on farms where grown		State	Production	Total used for seed	Disposition on farms where grown	
			Used for seed	Sold from farms <sup>2</sup>				Used for seed	Sold from farms <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Minnesota.....	87	11	8	79	Oregon.....	176	22	13	163
North Dakota.....	26	5	4	22	United States.....	4,815	530	129	4,686
Idaho.....	1,938	186	28	1,910					
Washington.....	2,588	306	76	2,512					

<sup>1</sup> Includes peas grown for seed and cannery peas harvested dry.  
<sup>2</sup> Includes minor quantities lost and fed to livestock.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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 429.—Peas, dry edible: International trade, average 1960-64, annual 1967 and 1968

Continent and country	Average 1960-64		1967		1968	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Canada.....	137	41	225	40	361	25
United States.....	1,987	56	1,996	25	2,204	41
Total.....	2,124	97	2,221	65	2,565	66
South America:						
Argentina.....	64		49		3	
Brazil.....		104		114		134
Chile.....	12	4			3	
Venezuela.....		246		283		141
Total.....	76	354	49	397	6	275
Europe:						
Belgium and Luxembourg.....	405	324	469	485	396	511
France.....	156	120	201	293	177	312
Germany, West.....	44	1,144	51	706	123	682
Italy.....	7	193	3	251	14	474
Netherlands.....	1,474	569	881	2,559	908	3,624
Norway.....		151		154		11
Sweden.....	9	81	3	46		52
Switzerland.....	2	100		101		81
United Kingdom.....		1,724		1,317		1,470
Total.....	2,097	4,406	1,608	5,912	1,618	7,217
Asia:						
Japan.....		171		471		779
Africa:						
Morocco.....	396		283		226	
Grand total.....	4,693	5,028	4,161	6,845	4,415	8,337

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 430.—Peas, dry field: United States exports to specified countries, average 1960-64, annual 1968 and 1969

Continent and country	Average 1960-64	1968	1969	Continent and country	Average 1960-64	1968	1969
North America:	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	Europe—Continued	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Canada.....	123	142	109	Italy.....	31	72	47
Mexico.....	8	9	16	Netherlands.....	145	209	230
Panama.....	19	13	12	Norway.....	38	24	28
Trinidad and Tobago.....	77	6	44	Sweden.....	43	9	14
Total.....	227	170	181	Switzerland.....	31	2	7
South America:				United Kingdom.....	803	751	817
Brazil.....	77	117	104	Total.....	1,388	1,231	1,299
Colombia.....	22	10	1	Asia:			
Peru.....	27	66	34	Hong Kong.....	9	13	13
Surinam.....	16	21	17	Israel.....	2	2	7
Venezuela.....	283	300	265	Japan.....	32	256	812
Total.....	425	514	421	Nansei and Nanpo Islands.....	1	3	3
Europe:				Philippines.....	6	12	12
Belgium and Luxembourg.....	40	31	36	Total.....	50	286	847
Denmark.....	15	14	32	Other countries.....	78	246	213
Germany, West.....	237	113	82	Grand total.....	2,168	2,447	2,961
Iceland.....	5	6	6				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 431.—Peas, dry field: United States exports by class and quantity, 1959–68

Year <sup>1</sup>	All peas and lentils <sup>2</sup>	Seed	Cowpeas and garbanzos	Alaska and smooth green	Yellow, white peas, and lentils
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1959	2,258	130	82	1,342	704
1960	1,850	150	26	836	838
1961	2,035	171	40	995	829
1962	2,376	198	67	1,019	1,022
1963	2,423	214	53	1,158	998
1964	2,394	202	21	1,167	1,004
1965	2,593	257		1,068	1,268
1966	2,971	269		1,182	1,520
1967	2,653	253		1,061	1,339
1968	3,082	316		1,348	1,418

<sup>1</sup> Marketing year beginning August.

<sup>2</sup> Includes dry peas, seed peas, cowpeas, garbanzos, lentils, Austrian winter peas, and black-eyed and Mexican beans.

<sup>3</sup> Five months only; not separately classified, beginning January 1965.

<sup>4</sup> Beginning January 1965, also includes cowpeas, garbanzos, Austrian winter peas, and black-eyed and Mexican beans.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944-58 in *Agricultural Statistics, 1967*, table 436.

Table 432.—Broomcorn: Acreage, yield, production, season average price per ton received by farmers, and value, United States, 1954–69

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>Pounds</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Pounds</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	251	217	27,230			1962	163	320	25,100	358	9,355
1954	260	220	28,600	364	10,401	1963	178	308	27,400	384	10,514
1955	315	278	43,800	223	9,755	1964	150	350	18,780		
1956	202	194	19,500	441	8,603	1964	159	263	20,800	363	7,556
1957	273	308	42,000	238	10,012	1965	176	366	32,300	320	10,341
1958	192	351	33,700	252	8,501	1966	128	312	20,000	367	7,341
1959	162	360	29,150			1967	108	273	14,700	419	6,158
1959	169	363	30,700	258	7,907	1968	111	299	16,600	422	7,001
1960	143	293	21,000	328	6,882	1969 <sup>1</sup>	106	320	16,900	393	6,641
1961	152	337	25,700	323	8,306						

<sup>1</sup> Preliminary.

Statistical Reporting Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 437.

Table 433.—Broomcorn: Acreage, yield, production, and season average price per ton received by farmers, by States, 1967–69

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Oklahoma	31,000	32,000	31,000	355	360	370	5,500	5,800	5,700	460	450	430
Texas	16,000	22,000	15,000	250	320	430	2,000	3,500	3,200	430	410	420
Colorado	36,000	31,000	34,000	230	215	250	4,100	3,300	4,200	350	405	370
New Mexico	25,000	26,000	26,000	250	305	290	3,100	4,000	3,800	430	405	340
United States	108,000	111,000	106,000	273	299	320	14,700	16,600	16,900	419	422	393

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 434.—Cowpeas: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1954–68

Year	Acreage grown alone for all purposes	Acreage grazed, plowed under, etc. <sup>1</sup>	Cowpeas for peas <sup>1</sup>				
			Acreage harvested	Yield per acre	Production	Price <sup>2</sup>	Farm value
			<i>1,000 acres</i>	<i>Bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	<i>785</i>		<i>268</i>	<i>4.4</i>	<i>1,180</i>		
1954.....	899	584	267	5.1	1,355	4.53	6,211
1955.....	885	492	343	6.7	2,302	3.74	8,606
1956.....	897	659	211	6.7	1,406	3.60	5,201
1957.....	763	567	188	7.6	1,432	3.84	5,687
1958.....	647	467	179	8.7	1,552	4.56	7,210
1959.....	<i>470</i>		<i>179</i>	<i>8.2</i>	<i>1,475</i>		
1959.....	601	392	188	8.8	1,646	3.67	6,215
1960.....	485	325	140	9.1	1,268	4.03	5,202
1961.....	534	385	127	9.7	1,231	3.87	4,893
1962.....	612	430	129	8.1	1,046	3.85	4,153
1963.....	526	353	125	9.7	1,217	3.75	4,676
1964.....			<i>79</i>	<i>8.2</i>	<i>648</i>		
1964.....	462	337	89	8.8	782	4.26	3,380
1965.....	423		102	8.7	884	3.94	3,526
1966.....	432		87	9.6	833	4.03	3,418
1967.....	383		93	8.6	798	3.85	3,150
1968 <sup>3</sup> .....							

<sup>1</sup> For the data on cowpea hay, see table 391. Beginning 1965, estimates discontinued.

<sup>2</sup> Obtained by weighting State prices by quantity sold.

<sup>3</sup> Estimates discontinued.

Statistical Reporting Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 439.

Table 435.—Cowpeas for peas: Production, seed used, and farm disposition, United States, 1959–68

Crop of—	Production	Total used for seed	Disposition on farms where grown			
			Used for seed	Fed to livestock	Home use	Sold from farms
			<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1959.....	1,646	402	244	273	142	987
1960.....	1,268	393	218	178	103	769
1961.....	1,231	409	204	136	87	804
1962.....	1,046	349	175	109	82	680
1963.....	1,217	314	159	132	87	839
1964.....	782	259	120	81	61	520
1965.....	884	269	131	95	56	602
1966.....	833	269	140	100	58	535
1967.....	798	205	105	87	43	563
1968 <sup>1</sup> .....						

<sup>1</sup> Estimates discontinued.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. 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. Data for 1944-58 in *Agricultural Statistics, 1967*, table 441.

Table 436.—Hops: Acreage, yield, production, value, Sept. 1 stocks, foreign trade, and consumption, United States, 1954–69

Year	Acreage in production	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Stocks, Sept. 1 <sup>3</sup>	Foreign trade, year beginning September		Consumption by breweries, year beginning September <sup>4</sup>
							Imports for consumption	Domestic exports	
	<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>	<i>1,000 pounds</i>
1954.....	27,500	1,581	43,477	40.6	17,644	26,030	4,565	12,213	33,773
1955.....	28,700	1,556	36,874	40.7	15,007	26,790	3,396	10,164	32,786
1956.....	24,200	1,586	38,383	45.4	17,426	22,830	3,761	16,011	31,409
1957.....	27,700	1,449	40,135	53.5	21,462	18,200	3,557	16,917	29,951
1958.....	33,400	1,449	48,407	56.3	27,248	14,860	5,253	18,445	29,888
1959.....	33,200	1,630	54,106	51.1	26,873	19,070	5,230	18,459	30,556
1960.....	29,200	1,575	45,976	46.9	21,395	25,770	5,405	17,441	29,613
1961.....	22,900	1,548	35,454	44.1	15,640	29,220	4,229	18,281	29,837
1962.....	29,300	1,510	44,231	47.4	20,947	19,500	5,510	20,460	30,628
1963.....	32,700	1,573	51,422	48.5	24,950	16,550	5,682	21,218	31,108
1964.....	32,600	1,637	53,378	47.2	25,178	19,100	6,467	22,613	31,087
1965.....	32,700	1,714	56,060	46.3	25,937	22,140	6,944	23,813	31,313
1966.....	32,200	1,721	55,418	46.7	25,872	24,710	8,281	22,222	30,182
1967.....	29,800	1,661	49,498	45.9	22,701	27,480	9,057	17,872	30,180
1968.....	28,400	1,540	43,733	47.2	20,659	26,770	10,453	16,976	29,022
1969 <sup>5</sup> .....	27,000	1,547	41,763	51.0	21,305	27,860	.....	.....	.....

<sup>1</sup> Includes the following quantities not marketed because of economic conditions, fire losses, and / or provisions under terms of a marketing agreement (1,000 pounds): 1,518 in 1959, 324 in 1960, 1,063 in 1966, 1,809 in 1967, and 177 in 1968.

<sup>2</sup> Prices obtained by weighting State prices by quantity sold.

<sup>3</sup> Marketable hops held by brewers, dealers, and growers; in 1967, 1968, and 1969, does not include hops held in reserve under Federal Marketing Order 991.

<sup>4</sup> Used for fermented malt liquor. Records of the Bureau of Internal Revenue.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 443.

Table 437.—Hops: Acreage, yield, production, and season average price per pound received by farmers, by States, 1967–69

State	Acreage			Yield per acre			Production			Price for crop of—		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967 <sup>2</sup>	1968 <sup>2</sup>	1969 <sup>1,3</sup>	1967	1968	1969 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>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>
Idaho.....	3,600	3,300	3,200	1,810	1,740	1,860	6,516	5,742	5,952	45.0	48.0	53.0
Washington.....	19,400	19,100	18,100	1,660	1,510	1,560	32,204	28,841	28,236	45.0	46.5	50.0
Oregon.....	4,900	4,500	4,200	1,490	1,480	1,250	7,301	6,660	5,250	48.0	48.0	52.0
California.....	1,900	1,500	1,500	1,830	1,660	1,550	3,477	2,490	2,325	51.0	52.0	56.0
United States.....	29,800	28,400	27,000	1,661	1,540	1,547	49,498	43,733	41,763	45.9	47.2	51.0

<sup>1</sup> Preliminary.

<sup>2</sup> Harvested production. Includes hops destroyed in kiln and warehouse fires after harvest and quantities placed in reserve under Federal Marketing Order 991.

<sup>3</sup> Total production. Quantities available for market will be governed by regulations issued under Federal Marketing Order 991.

Statistical Reporting Service.

**Table 438.—Hops: United States exports by country of destination and imports by country of origin, average 1960-64, annual 1967 and 1968**

Item and country	Year beginning September			Item and country	Year beginning September		
	Average 1960-64	1967	1968		Average 1960-64	1967	1968
U.S. exports:	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	U.S. exports—Continued	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Canada.....	1,961	2,176	2,361	South Africa, Republic of.....	249	136	263
Brazil.....	1,995	1,930	2,152	Japan.....	524	219	507
Chile.....	468	327	421	Philippines.....	337	954	431
Colombia.....	1,517	1,227	611	Other countries.....	969	1,072	1,131
Mexico.....	3,055	2,116	2,762	Total.....	20,003	18,015	16,976
Peru.....	546	583	492	U.S. imports:			
Venezuela.....	508	319	217	Belgium and Luxembourg.....	63	112	118
Other America.....	904	1,037	756	France.....	39	624	533
Belgium and Luxembourg.....	494	327	115	Germany, West.....	3,047	6,389	6,853
Czechoslovakia.....	1,478	1,003	491	Yugoslavia.....	2,221	1,929	2,894
Denmark.....	362	402	224	Other countries.....	89		55
Germany, West.....	2,266	2,192	1,497	Total.....	5,459	9,054	10,453
Ireland.....	1,027	609	1,356				
Netherlands.....	359	262	332				
Switzerland.....	210	122	36				
Other Europe.....	774	912	821				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

**Table 439.—Mung beans: Acreage, yield, production, season average price per pound received by farmers, and value, United States, 1954-68<sup>1</sup>**

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price	Farm value
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1954.....	18	7	120	840	12.0	101
1955.....	38	25	280	7,000	7.0	490
1956.....	32	12	200	2,400	14.0	336
1957.....	28	20	350	7,000	6.5	455
1958.....	35	27	510	13,770	4.5	620
1959.....	25	13	290	3,770	3.5	132
1960.....	26	18	440	7,920	4.0	317
1961.....	35	22	335	7,370	5.0	368
1962.....	37	24	340	8,160	6.0	490
1963.....	35	23	400	9,200	5.0	460
1964.....	30	20	355	7,100	5.5	390
1965.....	33	24	390	9,360	5.0	468
1966.....	30	22	400	8,800	6.5	572
1967.....	46	34	400	13,600	6.0	816
1968 <sup>2</sup> .....						

<sup>1</sup> Oklahoma only.<sup>2</sup> Estimates discontinued.Statistical Reporting Service. Data for 1942-53 in *Agricultural Statistics, 1967*, table 446.

Table 440.—Popcorn: Acreage, yield, production, season average price received by farmers, and value, United States, 1954-69<sup>1</sup>

Year	Acreage harvested			Yield per acre <sup>2</sup>			Production <sup>2</sup>			Price per 100 pounds of ear corn		Farm value
	<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>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	161,800			1,498			242,390			2.93		7,094
1955	154,700			1,611			249,235			3.07		7,661
1956	179,500			1,887			338,678			2.71		9,193
1957	148,450			1,751			259,904			2.58		6,716
1958	240,340			2,142			514,796			2.41		12,418
1959	144,400			1,987			286,906			2.47		7,080
1960	156,200			2,168			338,656			2.56		8,662
1961	205,500			2,427			498,740			2.66		13,281
1962	178,500			2,490			444,475			2.40		10,682
1963	107,600			2,482			267,040			2.33		6,229
1964	165,300			2,128			351,685			2.73		9,617
1965	205,300			2,525			518,447			2.97		15,419
1966	207,100			2,418			500,793			2.95		14,770
1967	161,850			2,687			434,942			3.01		13,071
1968	185,300			2,517			466,348			2.79		13,001
1969 <sup>3</sup>	180,700			2,980			538,435			2.57		13,852

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Ear corn; a bushel is 70 pounds.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 448.Table 441.—Popcorn: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, 1967-69<sup>1</sup>

State	Acreage harvested			Yield per acre <sup>2</sup>			Production <sup>3</sup>			Price <sup>3</sup> for crop of—		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>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>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ohio	19,500	22,000	20,000	2,750	2,800	2,900	53,625	61,600	58,000	3.05	2.80	2.75
Indiana	37,000	38,000	38,000	2,700	2,600	3,000	99,900	98,800	114,000	3.10	2.80	2.70
Illinois	19,000	19,000	21,000	3,100	2,550	2,950	58,900	48,450	61,950	3.10	2.90	2.75
Michigan	2,000	3,800	3,200	1,400	2,660	2,550	2,800	10,108	8,160	2.80	2.70	2.60
Iowa	38,000	47,000	46,000	2,500	2,500	3,100	95,000	117,500	142,600	2.70	2.60	2.35
Missouri	6,600	9,500	6,200	2,400	2,400	2,600	15,840	22,800	16,120	2.95	2.80	2.30
Nebraska	15,000	23,000	24,000	2,700	2,500	3,200	40,500	57,500	76,800	3.10	2.90	2.30
Kansas	4,000	5,000	6,800	2,900	2,700	3,400	11,600	13,500	23,120	3.00	3.10	2.95
Kentucky	15,500	13,400	12,600	2,675	1,950	2,375	41,462	26,130	29,925	3.20	2.90	2.85
Other States <sup>4</sup>	5,250	4,600	2,900	2,917	2,165	2,676	15,315	9,960	7,760	3.08	2.96	3.09
United States	161,850	185,300	180,700	2,687	2,517	2,980	434,942	466,348	538,435	3.01	2.79	2.57

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Preliminary.<sup>3</sup> Ear corn; a bushel is 70 pounds.<sup>4</sup> Maryland, Tennessee, Alabama, Oklahoma, Texas, and Colorado.

Statistical Reporting Service.

Table 442.—Peppermint and spearmint for oil, commercial crop: Acreage, yield, production, value per pound, and total value, United States, 1954-69

Year	Peppermint					Spearmint				
	Acreage for harvest	Yield of oil per acre	Production of oil	Value <sup>1</sup>		Acreage for harvest	Yield of oil per acre	Production of oil	Value <sup>1</sup>	
				Per pound	Total				Per pound	Total
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	35,500	41	1,461	5.32	7,770	21,500	40	869	3.85	3,349
1955	43,600	44	1,938	5.83	11,305	14,300	41	593	4.22	2,503
1956	43,600	51	2,368	5.23	12,379	14,700	45	665	4.06	2,702
1957	48,700	49	2,363	4.18	9,875	12,900	44	562	3.49	1,962
1958	42,700	60	2,575	4.02	10,355	11,200	46	511	3.93	2,008
1959	41,300	60	2,472	3.49	8,628	14,700	56	824	4.09	3,367
1960	39,000	57	2,233	4.58	10,236	21,200	52	1,110	4.03	4,473
1961	43,300	62	2,670	4.50	12,024	25,000	64	1,588	3.73	5,918
1962	41,700	57	2,382	5.04	12,010	21,100	53	1,123	2.83	3,183
1963	43,400	55	2,387	4.74	11,305	12,400	57	707	3.06	2,166
1964	45,800	56	2,552	4.64	11,836	9,600	51	489	3.68	1,799
1965	43,700	61	2,667	5.46	14,575	10,400	55	570	4.99	2,847
1966	58,100	57	3,283	5.55	18,236	16,600	63	1,050	5.73	6,012
1967	64,200	71	4,571	5.53	25,289	21,100	77	1,632	5.50	8,971
1968	73,800	56	4,103	5.15	21,125	23,000	60	1,383	5.64	7,807
1969 <sup>2</sup>	77,800	60	4,632	4.77	22,095	27,000	65	1,752	4.82	8,442

<sup>1</sup> F.o.b. basis.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1935-53 in *Agricultural Statistics, 1967*, table 450.

Table 443.—Peppermint and spearmint for oil, commercial crop: Acreage, production, and value per pound, by States, 1967-69

State	Acreage			Production			Value per pound of oil		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	<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>
<b>PEPPERMINT</b>									
Indiana	6,500	6,300	6,500	234	220	234	8.20	7.80	6.60
Michigan	1,900	1,900	1,700	59	61	58	8.30	7.70	6.60
Wisconsin	5,300	6,300	6,900	238	271	310	8.20	7.70	6.70
Idaho	3,500	5,100	5,700	206	260	370	5.20	4.90	4.50
Washington	22,500	23,200	21,000	2,070	1,462	1,428	4.65	4.40	4.00
Oregon	24,500	31,000	36,000	1,764	1,829	2,232	5.80	5.00	4.80
Total or average	64,200	73,800	77,800	4,571	4,103	4,632	5.53	5.15	4.77
<b>SPEARMINT</b>									
Indiana	3,200	4,600	5,100	115	166	194	8.00	8.30	7.60
Michigan	2,500	3,000	4,200	85	93	160	8.80	8.70	8.60
Washington	15,400	15,400	17,700	1,432	1,124	1,398	5.10	5.00	4.00
Total or average	21,100	23,000	27,000	1,632	1,383	1,752	5.50	5.64	4.82

<sup>1</sup> Preliminary.

Statistical Reporting Service.

## CHAPTER VII

# STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and livestock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

The term "on farms" as used in this chapter includes ranches. Estimated numbers do not include livestock not on farms.

The census enumerations in 1954 and 1959 were taken during October and November, and in 1964 during November and December. Marketings and slaughter of livestock as well as young stock born during the period between the census enumeration and January 1 can result in differences in the number on farms. For example, hog marketings and slaughter are seasonally large during the last 2 or 3 months of the year. As a result, the number on farms January 1 is substantially different from the census enumeration during earlier months.

One new table has been included in this chapter with number of hogs and pigs on farms for breeding and market, by weight groups, in the United States, for years 1963-69.

Tables on stocker and feeder shipments of cattle and calves and sheep and lambs from federally inspected public stockyards and into selected North Central States have been dropped. Inshipments by States continue to be shown in the production, disposition, and income tables for the species. The table on world livestock numbers and production of livestock products has also been dropped, but the data are available in species or commodity tables.

**Table 444.—All cattle: Number on farms and value, Jan. 1, United States, 1955-70<sup>1</sup>**

Year	All cattle			Year	All cattle		
	Number	Farm value			Number	Farm value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1954 <sup>2</sup> .....	95,027			1963.....	104,488	142.00	14,820,708
1955.....	96,592	88.20	8,517,027	1964.....	107,903	127.00	13,687,672
1956.....	95,900	88.10	8,445,718	1964 <sup>3</sup> .....	105,577		
1957.....	92,860	91.60	8,509,481	1965.....	109,000	113.00	12,359,756
1958.....	91,176	120.00	10,913,416	1966.....	108,862	133.00	14,442,853
1959.....	93,322	153.00	14,299,985	1967.....	108,645	149.00	16,166,097
1959 <sup>3</sup> .....	92,534			1968.....	109,152	149.00	16,234,302
1960.....	96,236	137.00	13,149,812	1969.....	109,885	158.00	17,394,098
1961.....	97,700	134.00	13,124,434	1970 <sup>3</sup> .....	112,330	180.00	20,175,485
1962.....	100,369	140.00	14,013,086				

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.

<sup>2</sup> Italic figures are Census of Agriculture returns from the Bureau of the Census. Census dates were October-November, 1954 and 1959, and November-December, 1964.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1867-1954 in *Agricultural Statistics, 1967*, table 452.

### FOOTNOTES FOR TABLE 446

<sup>1</sup> For cows and heifers kept for milk see tables 532 and 533.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes all heifer calves under 1 year old not kept for milk and all bull and steer calves under 1 year old.

Statistical Reporting Service.

Table 445.—All cattle and calves, including cows and heifers kept for milk: Number on farms and value, by States, Jan. 1, 1968-70

State and division	Number			Farm value					
				Value per head			Total value		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	148	148	147	197	206	225	29,156	30,488	33,075
New Hampshire.....	76	74	73	220	235	240	16,720	17,390	17,520
Vermont.....	351	355	348	239	252	255	83,889	89,460	88,740
Massachusetts.....	123	121	114	248	255	265	30,504	30,855	30,210
Rhode Island.....	14	13	13	252	258	275	3,528	3,354	3,575
Connecticut.....	124	123	122	249	265	265	30,876	32,595	32,330
New York.....	1,887	1,849	1,867	246	256	265	464,202	473,344	494,755
New Jersey.....	141	135	132	266	281	290	37,506	37,935	38,280
Pennsylvania.....	1,781	1,799	1,781	219	234	250	390,039	420,966	445,250
North Atlantic.....	4,645	4,617	4,597	234	246	258	1,086,420	1,136,387	1,183,735
Ohio.....	2,073	2,094	2,136	160	166	190	331,860	347,604	405,840
Indiana.....	1,958	1,899	1,918	146	157	185	285,868	298,143	354,830
Illinois.....	3,413	3,345	3,278	150	159	180	511,950	531,855	590,040
Michigan.....	1,454	1,439	1,468	180	191	210	261,720	274,849	308,280
Wisconsin.....	4,117	4,076	4,076	203	220	245	835,751	896,720	998,620
East North Central.....	13,015	12,853	12,876	171	183	206	2,226,969	2,349,171	2,657,610
Minnesota.....	4,080	3,958	3,958	159	172	200	648,720	680,776	791,600
Iowa.....	7,331	7,404	7,478	146	158	185	1,070,326	1,169,832	1,383,430
Missouri.....	4,748	4,748	4,940	142	152	170	674,216	721,696	839,870
North Dakota.....	2,132	2,025	2,066	155	170	195	330,460	344,250	402,800
South Dakota.....	4,323	4,366	4,410	154	165	190	665,740	720,390	837,900
Nebraska.....	6,394	6,330	6,330	149	159	185	952,706	1,006,470	1,171,050
Kansas.....	5,564	5,675	6,016	136	146	170	756,704	828,550	1,022,720
West North Central.....	34,572	34,506	35,198	147	159	183	5,098,874	5,471,964	6,449,370
Delaware.....	34	32	32	189	210	230	6,426	6,720	7,360
Maryland.....	422	418	426	187	206	230	78,914	86,108	97,980
Virginia.....	1,390	1,404	1,432	143	149	170	198,770	209,196	243,440
West Virginia.....	448	461	475	139	145	165	62,272	66,845	78,375
North Carolina.....	1,000	1,020	1,081	128	134	150	128,000	136,680	162,150
South Carolina.....	617	623	642	118	121	145	72,806	75,383	93,090
Georgia.....	1,833	1,870	1,889	118	124	140	216,294	231,880	264,460
Florida.....	1,813	1,809	1,827	136	142	160	246,568	256,878	292,320
South Atlantic.....	7,557	7,637	7,804	134	140	159	1,010,050	1,069,690	1,239,175
Kentucky.....	2,721	2,748	2,803	143	148	165	389,103	406,704	462,495
Tennessee.....	2,308	2,308	2,308	132	138	160	304,656	318,504	369,280
Alabama.....	1,915	1,896	1,953	114	120	135	218,310	227,520	263,655
Mississippi.....	2,464	2,415	2,487	113	124	150	278,432	299,460	373,050
Arkansas.....	1,719	1,719	1,805	121	124	145	207,999	213,156	261,725
Louisiana.....	1,739	1,722	1,705	116	121	140	201,724	208,362	238,700
Oklahoma.....	4,480	4,659	4,985	129	138	160	577,920	642,942	797,600
Texas.....	10,972	11,630	12,212	127	136	155	1,399,444	1,581,680	1,892,860
South Central.....	28,318	29,097	30,258	126	134	154	3,571,588	3,898,328	4,659,365
Montana.....	2,984	2,984	3,014	154	168	195	459,536	501,312	587,730
Idaho.....	1,619	1,668	1,701	151	156	185	244,468	260,208	314,685
Wyoming.....	1,447	1,447	1,476	154	163	185	222,838	235,861	273,060
Colorado.....	3,060	3,119	3,299	143	152	170	437,580	474,088	560,830
New Mexico.....	1,346	1,346	1,386	136	145	170	189,056	195,170	235,620
Arizona.....	1,180	1,206	1,302	142	151	165	164,720	182,106	214,830
Utah.....	762	785	824	150	160	185	114,300	125,600	152,440
Nevada.....	568	608	626	153	162	180	86,904	98,496	112,680
Washington.....	1,354	1,286	1,260	153	173	190	207,162	222,478	239,400
Oregon.....	1,593	1,577	1,593	144	153	175	229,392	241,281	278,775
California.....	4,902	4,902	4,861	174	182	200	852,948	892,164	972,200
Western.....	20,795	20,928	21,342	154	164	185	3,202,905	3,428,764	3,942,250
48 States.....	108,902	109,638	112,075	149	158	180	16,196,806	17,354,304	20,131,505
Alaska.....	8.5	8.6	9	215	227	240	1,828	1,952	2,160
Hawaii.....	241	238	246	148	159	170	35,668	37,842	41,820
United States.....	109,152	109,885	112,330	149	158	180	16,234,302	17,394,098	20,175,485

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 446.—Cattle and calves: Number on farms, by classes and States, Jan. 1, 1969 and 1970<sup>1</sup>

State and division	Beef cattle									
	Cows and heifers 2 years old and over		Heifers 1 to 2 years old		Calves <sup>3</sup>		Steers		Bulls	
	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	9	9	3	3	6	6	3	3	2	2
New Hampshire.....	2	2	1	1	2	2	1	1	1	1
Vermont.....	5	5	2	2	4	4	2	2	4	4
Massachusetts.....	4	4	2	2	3	3	2	2	2	2
Rhode Island.....	1	1			1	1				
Connecticut.....	4	4	1	1	3	3	2	2	2	2
New York.....	57	62	23	26	31	32	33	37	21	21
New Jersey.....	8	8	4	4	4	4	5	4	2	2
Pennsylvania.....	101	100	40	39	92	93	246	246	34	34
North Atlantic.....	191	195	76	78	146	148	294	297	68	68
Ohio.....	325	360	130	136	498	511	353	360	32	32
Indiana.....	431	439	197	196	493	497	338	355	19	19
Illinois.....	762	744	351	351	906	897	729	724	33	33
Michigan.....	119	123	68	70	244	254	192	209	16	17
Wisconsin.....	226	239	117	118	248	269	232	236	41	40
East North Central.....	1,863	1,905	863	871	2,389	2,400	1,844	1,884	141	141
Minnesota.....	530	545	221	242	870	892	507	536	38	39
Iowa.....	1,392	1,443	664	695	2,776	2,812	1,545	1,548	74	75
Missouri.....	1,785	1,929	394	426	1,267	1,305	565	555	92	92
North Dakota.....	948	964	142	155	570	595	83	80	43	41
South Dakota.....	1,686	1,719	391	401	1,453	1,470	437	437	87	89
Nebraska.....	1,899	1,888	740	755	2,113	2,152	1,170	1,138	89	90
Kansas.....	1,754	1,839	488	529	2,278	2,382	749	866	74	78
West North Central.....	9,994	10,327	3,040	3,203	11,327	11,608	5,056	5,160	497	504
Delaware.....	5	5	2	2	2	2	1	1	1	1
Maryland.....	54	58	23	24	32	35	38	39	7	7
Virginia.....	484	499	101	105	292	303	118	130	17	17
West Virginia.....	196	207	35	37	88	91	36	37	9	10
North Carolina.....	333	371	106	112	167	185	67	72	22	23
South Carolina.....	256	266	57	60	148	156	34	34	20	21
Georgia.....	811	830	205	207	420	420	153	150	47	48
Florida.....	893	909	163	168	296	320	161	126	51	54
South Atlantic.....	3,032	3,145	692	715	1,445	1,512	608	589	174	181
Kentucky.....	1,005	1,087	236	241	614	646	257	214	37	39
Tennessee.....	922	954	211	214	490	471	121	115	42	42
Alabama.....	903	929	192	213	412	428	115	116	35	36
Mississippi.....	1,235	1,273	210	216	471	508	75	77	55	57
Arkansas.....	879	939	175	184	397	417	71	68	37	40
Louisiana.....	901	903	157	153	285	280	49	49	34	34
Oklahoma.....	2,070	2,174	404	436	1,408	1,537	434	499	79	81
Texas.....	5,570	5,737	1,049	1,101	3,346	3,636	814	855	290	307
South Central.....	13,485	13,996	2,634	2,758	7,423	7,923	1,936	1,993	609	636
Montana.....	1,555	1,589	303	301	872	873	112	111	68	69
Idaho.....	564	588	145	146	469	480	172	172	28	29
Wyoming.....	715	737	132	136	457	470	80	68	35	37
Colorado.....	995	1,082	463	488	851	894	572	578	56	60
New Mexico.....	690	708	136	147	303	315	135	136	24	25
Arizona.....	367	376	80	81	283	323	375	421	22	23
Utah.....	329	351	67	71	185	191	58	61	14	15
Nevada.....	326	336	60	66	151	154	30	28	15	16
Washington.....	378	373	117	116	296	291	163	160	24	22
Oregon.....	675	685	129	132	418	422	109	112	42	42
California.....	973	946	351	348	957	993	1,207	1,194	88	81
Western.....	7,567	7,771	1,983	2,032	5,242	5,406	3,013	3,041	416	419
48 States.....	36,132	37,339	9,288	9,657	27,972	28,997	12,751	12,964	1,905	1,949
Alaska.....	2.5	2.4	.7	.6	1.4	1.5	.8	1.0	.4	.5
Hawaii.....	92	92	24	25	61	65	32	34	6	7
United States.....	36,227	37,433	9,313	9,683	28,034	29,064	12,784	12,999	1,911	1,956

See footnotes on page 301.

Table 447.—Cattle and buffalo: Number in specified countries, average 1961-65, annual 1968 and 1969

Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1968	1969 <sup>2</sup>	Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1968	1969 <sup>2</sup>
North America:					Europe—Con.		Thousands	Thousands	Thousands
Canada (excluding Newfoundland)		Thousands	Thousands	Thousands	Czechoslovakia	Jan. 1	4,466	4,437	4,249
Mexico	Dec. 1	11,736	11,775	11,475	Germany, East	Dec. 3	4,605	5,018	5,109
United States <sup>3</sup>	Dec. 1	19,337	26,900	27,500	Hungary <sup>5</sup>	Mar.	1,941	2,095	2,063
Puerto Rico	Jan. 1	103,892	109,152	109,885	Poland	June 30	9,697	10,940	11,049
Costa Rica	Jan.	458	497		Romania <sup>5</sup>	Jan.	4,639	5,332	5,136
El Salvador	Jan. 1	1,128	1,500	1,546	Yugoslavia <sup>5</sup>	Jan. 15	5,509	5,737	5,305
Guatemala	June 1	1,178	1,270	1,310	Total <sup>4</sup>		116,500	122,800	123,400
Honduras	May 1	1,245	1,371	1,395	U.S.S.R. (Europe and Asia)	Jan. 1	83,500	97,200	95,700
Nicaragua	Jan. 1	1,255	1,450	1,493	Africa:				
Nicaragua	Dec. 31	1,299	1,630	1,700	Morocco	Dec. 31	2,745		
Panama	Jan.	860	1,119	1,157	Tunisia	Dec. 31	558	600	
Dominican Republic		1,115	1,082	1,090	Malawi	Dec. 31	384	464	
Total <sup>4</sup>		151,200	165,900	167,300	Uganda <sup>6</sup>		3,485	3,781	
South America:					Botswana		1,293	1,250	
Argentina	June 30	43,341	51,465	52,000	South Africa, Republic of	June 30	12,514	12,145	11,780
Brazil <sup>5</sup>	Dec. 31	78,718	89,992	92,276	Swaziland	Sept.	533		
Chile	Dec.	3,006	3,100	2,911	Total <sup>4</sup>		128,100	133,300	133,600
Colombia	Oct.	15,780	18,830	19,576	Asia:				
Ecuador	Aug.	1,680	1,830		Iran <sup>5</sup>	Mar. 1	4,782	5,750	5,855
Paraguay		5,349	5,625		Turkey (Europe and Asia) <sup>5</sup>	Dec. 31	13,783	15,413	15,018
Peru	July 1	3,461	3,700	3,700	Cambodia <sup>5</sup>	Dec.	1,842		
Uruguay	June 30	8,526	8,300	8,400	China (Taiwan) <sup>5</sup>	Dec.	405	345	332
Venezuela	Dec. 31	6,580	6,911	7,000	Japan	Feb. 1	3,327	3,155	3,458
Total <sup>4</sup>		168,700	192,000	195,600	Korea, Republic of	Dec. 31	1,218	1,255	1,211
Europe:					Philippines <sup>5</sup>	Mar. 1	4,849	5,805	5,970
Austria	Dec.	2,388	2,480	2,433	Thailand <sup>5</sup>	Mar. 31	12,128	12,700	
Belgium	Jan.	2,572	2,611	2,674	Vietnam, South <sup>5</sup>	Dec. 31	1,938	1,698	
Luxembourg	May	159	187	191	Total <sup>4</sup>		395,500	423,100	424,900
Denmark	Jan.	3,318	3,142	3,004	Oceania:				
Finland	Dec.	1,961	1,855	1,953	Australia	Mar.	18,357	19,218	20,598
France	Oct.	20,131	21,680	22,093	New Zealand	Jan.	6,646	8,247	8,605
Germany, West	Dec.	13,115	13,981	14,061	Total <sup>4</sup>		25,300	27,900	29,600
Greece <sup>5</sup>	Dec.	1,114	1,131	1,116	World total <sup>4</sup>		1,068,800	1,162,200	1,170,100
Ireland	Jan.	4,320	5,030	5,086					
Italy <sup>5</sup>	Jan.	9,292	9,582	10,067					
Netherlands	Jan.	3,415	3,663	3,768					
Norway	Dec.	1,094	969	999					
Portugal	Dec.	1,120	1,060	1,070					
Spain	Oct.	3,697	4,000	4,185					
Sweden	June	2,400	2,065	2,005					
Switzerland	Apr.	1,746	1,855	1,869					
United Kingdom	Dec.	11,610	11,996	12,094					
Albania <sup>5</sup>		419							
Bulgaria <sup>5</sup>	Jan.	1,687	1,462	1,389					

<sup>1</sup> Estimates for countries falling in October-December are shown in the following year for comparisons.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

<sup>4</sup> Includes an allowance for missing data for countries shown and for other producing countries not shown.

<sup>5</sup> Includes buffalo.

<sup>6</sup> On native farms.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 448.—Calf crop: Number of calves born and number as percentage of cows 2 years old and over, by States, 1967–69

State and division	1967		1968		1969 <sup>2</sup>	
	Number	Calves born as percent of cows and heifers 2 years old and over Jan. 1 <sup>1</sup>	Number	Calves born as percent of cows and heifers 2 years old and over Jan. 1 <sup>1</sup>	Number	Calves born as percent of cows and heifers 2 years old and over Jan. 1 <sup>1</sup>
	Thousands	Percent	Thousands	Percent	Thousands	Percent
Maine	76	85	73	84	74	86
New Hampshire	41	85	39	84	39	87
Vermont	205	84	199	83	201	85
Massachusetts	70	81	68	83	65	82
Rhode Island	9.0	82	7.9	79	7.6	84
Connecticut	66	79	65	81	65	82
New York	1,047	84	1,018	83	1,023	86
New Jersey	83	81	78	80	73	81
Pennsylvania	817	86	801	87	806	88
North Atlantic	2,414	84	2,349	84	2,354	86
Ohio	766	88	741	86	737	89
Indiana	657	89	640	89	642	91
Illinois	1,040	89	1,044	90	990	88
Michigan	578	85	558	87	565	90
Wisconsin	2,169	91	2,143	91	2,111	91
East North Central	5,210	89	5,126	89	5,045	90
Minnesota	1,528	89	1,478	87	1,475	88
Iowa	1,904	94	1,871	94	1,897	95
Missouri	1,979	92	2,009	91	2,065	94
North Dakota	1,064	90	1,036	91	1,038	93
South Dakota	1,740	93	1,770	95	1,805	95
Nebraska	1,938	92	1,960	92	1,951	92
Kansas	1,760	93	1,801	94	1,865	94
West North Central	11,913	92	11,925	92	12,096	93
Delaware	16	76	16	77	16	76
Maryland	208	86	209	87	212	89
Virginia	610	84	628	86	641	87
West Virginia	231	87	234	90	239	89
North Carolina	444	82	444	82	462	85
South Carolina	269	84	271	85	279	84
Georgia	752	82	782	83	819	85
Florida	751	69	774	73	848	78
South Atlantic	3,281	80	3,358	82	3,516	84
Kentucky	1,210	92	1,253	91	1,293	92
Tennessee	1,071	85	1,087	87	1,121	88
Alabama	846	84	864	84	900	85
Mississippi	1,159	82	1,203	83	1,248	85
Arkansas	794	84	815	85	869	88
Louisiana	900	80	904	83	923	84
Oklahoma	1,882	89	1,976	91	2,035	91
Texas	4,876	86	5,006	87	5,290	89
South Central	12,738	86	13,108	87	13,679	88
Montana	1,398	91	1,466	93	1,508	94
Idaho	629	92	664	94	691	94
Wyoming	632	91	661	90	676	92
Colorado	985	92	1,030	93	1,061	96
New Mexico	649	88	633	86	634	87
Arizona	352	79	345	80	350	83
Utah	354	90	364	91	374	91
Nevada	256	80	269	84	293	86
Washington	529	89	529	89	527	91
Oregon	718	90	722	89	723	91
California	1,630	87	1,614	87	1,588	87
Western	8,132	89	8,297	90	8,425	91
48 States	43,688	88	44,163	88	45,115	90
Alaska	3.8	86	3.6	82	3.7	84
Hawaii	73	71	72	69	78	73
United States	43,765	88	44,239	88	45,196	90

<sup>1</sup> Not strictly a calving rate. Figure represents calves born expressed as a percentage of the Jan. 1 inventory of cows and heifers 2 years old and over and not the number of all cows and heifers giving birth to calves during the year.

<sup>2</sup> Preliminary.

Table 449.—All cattle and calves: Number on farms, by classes, United States, Jan. 1, 1955-70<sup>1</sup>

Year	Kept for milk				Beef 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 <sup>2</sup>	Steers	Bulls	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1955	23,462	5,786	6,094	35,342	25,659	6,514	18,804	8,444	1,829	61,250
1956	22,912	5,407	5,890	34,209	25,371	6,206	18,869	9,483	1,762	61,691
1957	22,325	5,267	5,699	33,291	24,534	5,926	18,405	8,991	1,713	59,569
1958	21,265	5,126	5,571	31,962	24,165	5,903	18,275	9,252	1,619	59,214
1959	20,132	5,050	5,526	30,708	25,112	6,557	19,407	9,931	1,607	62,614
1960	19,527	5,079	5,575	30,181	26,344	7,036	20,425	10,574	1,676	66,055
1961	19,271	5,016	5,446	29,733	27,327	7,115	20,814	10,997	1,714	67,967
1962	18,963	4,887	5,264	29,114	28,691	7,446	22,300	11,103	1,715	71,255
1963	18,379	4,708	4,935	28,022	30,589	8,108	23,747	12,251	1,771	76,466
1964	17,647	4,395	4,692	26,734	32,794	8,612	25,243	12,669	1,851	81,169
1965	16,981	4,149	4,420	25,550	34,238	8,989	26,181	12,134	1,908	83,450
1966	15,987	3,860	4,151	23,998	34,433	8,925	26,879	12,749	1,878	84,864
1967	15,198	3,636	4,089	22,923	34,685	9,121	27,294	12,752	1,870	85,722
1968	14,644	3,579	4,028	22,251	35,405	9,328	27,559	12,712	1,897	86,901
1969	14,152	3,525	3,939	21,616	36,227	9,313	28,034	12,784	1,911	88,269
1970 <sup>3</sup>	13,875	3,461	3,859	21,195	37,433	9,683	29,064	12,999	1,956	91,135

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.<sup>2</sup> Includes all heifer calves under 1 year old not kept for milk and all bull and steer calves under 1 year old.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 456.Table 450.—Cattle and calves: Number on feed, United States, Jan. 1, 1955-70<sup>1</sup>

Year	Number	Year	Number	Year	Number	Year	Number
	Thousands		Thousands		Thousands		Thousands
1955	5,795	1959	6,601	1963	9,702	1967	11,268
1956	5,929	1960	7,574	1964	9,845	1968	11,417
1957	6,122	1961	8,048	1965	9,979	1969	12,534
1958	5,898	1962	8,520	1966	10,582	1970 <sup>2</sup>	13,249

<sup>1</sup> Animals being fattened for the slaughter market on grain or other concentrates and expected to produce a carcass that will grade Good or better. For the years 1955 through 1959, data include 26 feeding States. In 1960 and 1961, data for 11 Southeastern States are included, totaling 362,000 head for each year. Beginning in 1962, data are for the 11 Southeastern States plus Maryland and New York, totaling 454,000 head for Jan. 1, 1962; 450,000 head for Jan. 1, 1963; 448,000 head for Jan. 1, 1964; 467,000 head for Jan. 1, 1965; 466,000 head for Jan. 1, 1966; 437,000 head for Jan. 1, 1967; 439,000 head for Jan. 1, 1968; 433,000 head for Jan. 1, 1969; and 411,000 head for Jan. 1, 1970.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 457.

## CATTLE AND CALVES

307

Table 451.—Cattle and calves: Number on feed, by States, Jan. 1, by quarters, 1969 and 1970 <sup>2</sup>

State	1969				1970	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Pennsylvania.....	84	78	57	48	88	78
Ohio.....	324	306	206	171	318	294
Indiana.....	349	335	275	227	356	345
Illinois.....	786	740	599	490	755	733
Michigan.....	200	182	132	120	210	209
Wisconsin.....	154	146	113	108	146	140
Minnesota.....	556	523	487	414	589	554
Iowa.....	2,213	2,291	1,935	1,633	2,213	2,245
Missouri.....	442	365	286	293	402	365
North Dakota.....	72	63	.....	.....	63	53
South Dakota.....	361	332	270	276	361	342
Nebraska.....	1,430	1,344	1,195	1,160	1,477	1,397
Kansas.....	766	650	618	745	892	757
Oklahoma.....	205	171	196	218	223	192
Texas.....	1,075	1,019	1,198	1,342	1,417	1,243
Montana.....	120	81	74	74	115	87
Idaho.....	248	225	187	176	230	222
Colorado.....	711	680	651	668	795	748
New Mexico.....	209	192	195	187	209	194
Arizona.....	442	422	452	441	510	454
Washington.....	159	156	150	136	155	142
Oregon.....	91	75	69	78	96	65
California.....	968	733	1,080	1,098	1,031	759
22 States <sup>3</sup> .....	11,893	11,046	10,395	10,103	12,588	11,565
23 States.....	11,965	11,109	.....	.....	12,651	11,618
New York.....	12	.....	.....	.....	15	.....
Maryland.....	23	.....	.....	.....	20	.....
Virginia.....	34	.....	.....	.....	35	.....
North Carolina.....	39	.....	.....	.....	43	.....
South Carolina.....	17	.....	.....	.....	15	.....
Georgia.....	71	.....	.....	.....	59	.....
Florida.....	60	.....	.....	.....	61	.....
Kentucky.....	57	.....	.....	.....	53	.....
Tennessee.....	29	.....	.....	.....	26	.....
Alabama.....	41	.....	.....	.....	38	.....
Mississippi.....	20	.....	.....	.....	20	.....
Arkansas.....	17	.....	.....	.....	16	.....
Louisiana.....	13	.....	.....	.....	10	.....
Wyoming.....	36	.....	.....	.....	31	.....
Utah.....	61	.....	.....	.....	57	.....
Nevada.....	39	.....	.....	.....	47	.....
16 States.....	569	.....	.....	.....	546	.....
39 States.....	12,534	.....	.....	.....	13,197	.....

<sup>1</sup> Cattle and calves on feed are animals being fattened for slaughter market on grain or other concentrates and are expected to produce a carcass that will grade Good or better.

<sup>2</sup> Data not available for all quarters.

<sup>3</sup> Excludes North Dakota.

Statistical Reporting Service.

Table 452.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1969 (preliminary)

State and division	Marketings <sup>1</sup>		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>4</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>5</sup>	Cost of cattle shipped in for feeding and breeding
	Cattle	Calves								
	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.....	28	40	2	2	31,750	6,680	6,518	566	7,084	451
New Hampshire.....	16	23	3	1	16,915	3,532	3,837	295	4,132	674
Vermont.....	66	134	10	2	67,180	13,243	14,878	644	15,522	2,255
Massachusetts.....	37	42	13	1	26,910	5,437	8,142	342	8,484	2,932
Rhode Island.....	4.7	4.1	2.0	1	3,505	702	978	36	1,014	455
Connecticut.....	28	38	7	1	25,895	5,338	6,319	321	6,640	1,592
New York.....	291	622	26	10	368,085	82,835	81,762	2,923	84,685	5,963
New Jersey.....	32	48	13	2	29,340	6,663	8,984	445	9,429	3,014
Pennsylvania.....	447	397	131	22	411,635	101,214	119,728	7,121	126,849	27,919
North Atlantic.....	950	1,348	207	41	981,215	225,644	251,146	12,693	263,839	45,255
Ohio.....	806	93	325	15	649,075	168,947	206,143	8,116	214,259	62,319
Indiana.....	615	50	134	17	575,810	155,569	165,798	8,485	174,283	24,566
Illinois.....	1,874	39	990	14	1,242,100	332,607	502,484	9,396	511,880	183,992
Michigan.....	459	104	118	14	442,275	108,647	115,100	7,252	122,352	22,857
Wisconsin.....	786	1,105	55	30	968,670	224,447	220,659	14,231	234,890	9,144
East North Central.....	4,540	1,391	1,622	90	3,877,930	990,217	1,210,184	47,480	1,257,664	302,878
Minnesota.....	1,872	196	807	24	1,453,660	360,109	481,390	12,547	493,937	139,006
Iowa.....	4,747	112	3,300	19	2,848,000	792,715	1,336,854	15,760	1,352,614	598,125
Missouri.....	1,503	520	334	19	1,585,830	433,543	441,804	8,460	450,264	62,525
North Dakota.....	614	340	56	14	717,260	189,830	185,043	6,411	191,454	8,870
South Dakota.....	1,891	193	478	13	1,690,185	452,020	510,366	6,979	517,345	83,196
Nebraska.....	3,473	151	1,868	10	2,371,030	663,028	998,358	7,524	1,005,882	366,688
Kansas.....	3,300	37	1,982	14	2,350,430	616,096	871,667	7,854	879,521	374,598
West North Central.....	17,400	1,549	8,825	113	13,016,395	3,507,341	4,825,482	65,535	4,891,017	1,633,008
Delaware.....	6	7		1	9,080	2,123	1,821	302	2,123	
Maryland.....	85	120	25	4	104,880	27,549	28,600	1,460	30,060	4,631
Virginia.....	337	214	11	6	399,170	91,986	86,920	2,343	89,263	1,812
West Virginia.....	79	119	1	6	120,880	29,357	25,423	1,480	26,903	170
North Carolina.....	163	176	8	12	237,340	57,191	45,619	3,345	48,964	1,495
South Carolina.....	141	91	1	3	161,430	38,529	35,070	954	36,024	187
Georgia.....	412	308	1	6	497,720	120,447	115,180	1,995	117,175	183
Florida.....	383	560	171	6	433,970	115,675	136,995	2,095	139,090	29,455
South Atlantic.....	1,606	1,595	218	44	1,964,470	482,857	475,628	13,974	489,602	37,933

Kentucky .....	846	467	200	8	844,030	217,734	233,993	2,997	236,990	35,712
Tennessee .....	584	491	60	10	666,190	165,664	169,303	2,899	172,202	10,445
Alabama .....	399	387	15	8	536,695	137,769	129,686	2,046	131,732	1,928
Mississippi .....	502	607	40	6	720,560	184,074	177,698	1,748	179,446	5,194
Arkansas .....	384	367	54	8	503,700	130,454	119,741	2,478	122,219	6,947
Louisiana .....	329	537	27	13	466,315	120,379	122,037	2,825	124,862	3,582
Oklahoma .....	2,086	344	891	13	1,669,560	445,722	538,285	6,498	544,783	168,533
Texas .....	4,765	1,345	1,740	24	3,775,015	1,018,346	1,209,953	8,404	1,218,357	328,860
South Central .....	9,895	4,545	3,027	90	9,182,065	2,420,142	2,700,696	29,895	2,730,591	561,201
Montana .....	894	540	82	11	1,066,540	290,756	292,253	4,333	296,586	16,393
Idaho .....	618	117	138	8	583,785	153,040	164,842	3,375	168,217	25,300
Wyoming .....	596	207	225	5	445,140	122,383	150,699	1,478	152,177	41,850
Colorado .....	2,315	57	1,596	10	1,469,460	429,510	658,141	4,398	662,539	286,259
New Mexico .....	964	279	708	5	521,390	148,290	256,526	1,498	258,024	114,696
Arizona .....	1,128	129	1,052	4	582,940	166,008	312,385	1,208	313,593	156,222
Utah .....	217	131	55	4	256,840	66,530	65,667	1,876	67,543	10,153
Nevada .....	154	117	26	3	187,520	50,366	49,937	928	50,865	4,850
Washington .....	373	147	46	20	384,100	101,919	107,468	7,320	114,788	8,919
Oregon .....	478	207	64	20	532,550	138,116	138,935	6,643	145,578	11,658
California .....	3,044	261	1,851	15	1,871,460	517,970	848,561	5,478	854,039	337,012
Western .....	10,781	2,192	5,843	105	7,901,725	2,184,888	3,045,414	38,535	3,083,949	1,013,312
48 States .....	45,172	12,620	19,742	483	36,923,800	9,811,089	12,508,550	208,112	12,716,662	3,593,587
Alaska .....	.7	.7	.1	.8	1,674	438	329	54	383	16
Hawaii .....	61	.....	1	1.0	62,130	13,691	12,854	369	13,223	655
United States .....	45,234	12,621	19,743	485	36,987,604	9,825,218	9,811,089	208,635	12,730,268	3,594,258

<sup>1</sup> Excludes interfarm sales, but includes animals custom slaughtered for use on farms where produced.

<sup>2</sup> Does not include animals custom slaughtered for farmers at commercial establishments.

<sup>3</sup> Adjustments were made for cattle shipped in and changes in inventory.

<sup>4</sup> Includes receipts from marketings and from sales of farm-slaughtered meat.  
<sup>5</sup> Cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

Statistical Reporting Service.

Table 453.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1960–69<sup>1</sup>

Year	Calf crop <sup>2</sup>	Death loss		Marketings <sup>3</sup>		Cattle shipped in for feeding and breeding	Farm slaughter <sup>4</sup>	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1960.....	39,355	1,567	2,533	34,254	12,034	13,477	805	390
1961.....	40,180	1,532	2,486	35,138	11,898	14,761	839	379
1962.....	41,441	1,583	2,542	36,403	12,182	16,583	831	363
1963.....	42,268	1,560	2,480	37,863	11,918	16,182	842	371
1964.....	43,809	1,595	2,637	40,280	12,552	15,595	864	378
1965.....	43,928	1,641	2,607	43,483	12,603	17,464	828	368
1966.....	43,526	1,612	2,426	45,096	12,395	18,447	447	214
1967.....	43,765	1,525	2,513	44,725	12,308	18,430	617	.....
1968.....	44,239	1,507	2,479	45,850	12,514	19,402	558	.....
1969 <sup>5</sup> .....	45,196	1,521	2,633	45,234	12,621	19,743	485	.....

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production <sup>5</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>7</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>8</sup>	Cost of cattle shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Cattle	Calves
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1960.....	28,795,880	5,860,830	7,370,531	155,676	7,526,207	2,015,781	20.40	22.90
1961.....	29,902,443	6,070,407	7,559,860	161,261	7,721,121	2,250,914	20.20	23.70
1962.....	30,774,859	6,610,063	8,182,185	168,584	8,350,769	2,626,852	21.30	25.10
1963.....	32,776,777	6,592,159	8,113,174	163,912	8,277,086	2,440,412	19.90	24.00
1964.....	34,836,138	6,286,449	7,784,946	153,937	7,938,883	1,935,512	18.00	20.40
1965.....	34,002,808	6,751,957	8,941,775	161,277	9,103,052	2,392,942	19.80	22.00
1966.....	35,020,180	7,863,300	10,431,423	184,391	10,615,814	2,925,286	22.29	26.00
1967.....	35,932,105	8,076,741	10,478,240	174,952	10,653,192	2,862,909	22.30	26.30
1968.....	36,367,957	8,579,704	11,241,199	180,600	11,421,799	3,141,566	23.40	27.60
1969 <sup>5</sup> .....	36,987,604	9,825,218	12,521,733	208,535	12,730,268	3,594,258	26.20	31.50

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.<sup>2</sup> Calves born during the year.<sup>3</sup> Excludes interfarm sales.<sup>4</sup> Beginning in 1966, farm slaughter excludes animals custom slaughtered for farmers at commercial establishments.<sup>5</sup> Preliminary.<sup>6</sup> Adjustments were made for cattle shipped in and changes in inventory.<sup>7</sup> Includes receipts from marketings and from sales of farm-slaughtered meat.<sup>8</sup> Cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 461.

Table 454.—Cattle and calves: Average price per 100 pounds, by grades, at Chicago, 1960–69

Year	Beef steers <sup>1</sup>							Cows, commercial	Veal calves, choice and prime
	Prime	Choice	Good	Standard	Commercial	Utility	All grades		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	27.82	26.24	24.80	22.07	21.79	19.82	25.93	16.21	28.07
1961.....	26.08	24.65	23.46	21.30	22.25	19.68	24.46	16.07	.....
1962.....	29.81	27.67	25.51	22.70	21.87	20.77	27.20	15.89	.....
1963.....	24.89	23.96	23.01	20.65	20.59	18.91	23.79	15.11	.....
1964.....	24.10	23.12	21.91	18.57	17.11	16.92	22.86	13.57	.....
1965.....	27.71	26.19	24.16	21.17	21.58	19.18	25.81	14.58	.....
1966.....	27.11	26.29	25.32	23.34	24.00	21.27	26.17	18.31	.....
1967.....	26.92	26.04	24.79	22.91	.....	21.40	25.97	16.96	.....
1968.....	29.39	27.74	26.08	24.05	.....	22.39	27.65	17.50	.....
1969.....	32.25	30.42	28.64	26.49	.....	23.65	30.48	20.07	.....

<sup>1</sup> Weighted average prices of beef steers, sold out of first hands for slaughter.Consumer and Marketing Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 464.



Table 455.—Cattle and calves: Total receipts at public stockyards, 1960–69<sup>1</sup>

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total, 9 markets <sup>2</sup>	All others reporting	Total markets reporting <sup>2,3</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1960	2,207	862	620	1,557	2,090	861	869	1,189	1,564	11,819	7,192	19,011
1961	1,972	837	560	1,482	2,029	779	841	1,183	1,579	11,261	6,886	18,147
1962	1,665	787	412	1,471	2,038	746	831	1,149	1,582	10,681	6,995	17,676
1963	1,607	733	353	1,324	2,028	685	846	1,099	1,379	10,054	6,994	17,048
1964	1,647	689	316	1,351	2,193	773	855	1,223	1,434	10,481	7,475	17,956
1965	1,524	799	282	1,175	2,083	736	807	1,190	1,390	9,986	7,729	17,715
1966	1,378	520	236	1,067	2,019	679	790	1,204	1,279	9,172	7,301	16,473
1967	1,285	208	210	945	1,849	621	789	1,238	1,214	8,359	8,214	16,573
1968	1,148	157	195	841	1,675	563	805	1,253	1,205	7,842	8,864	16,706
1969	1,080	109	170	717	1,419	492	781	1,125	982	6,875	8,435	15,310

  

Year	Calves											
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1960	20	88	146	168	79	125	36	388	130	1,180	1,955	3,135
1961	14	86	100	137	67	89	27	344	165	1,030	1,793	2,923
1962	7	76	110	179	75	82	25	304	201	1,060	1,684	2,744
1963	4	69	110	131	77	64	18	271	165	910	1,641	2,551
1964	5	72	106	161	100	69	19	333	166	1,031	1,577	2,608
1965	4	57	105	109	87	61	17	351	165	956	1,533	2,489
1966	3	40	112	83	76	41	18	305	163	841	1,294	2,135
1967	2	38	122	77	80	33	24	313	156	845	1,115	1,960
1968	1	47	121	78	56	31	22	256	123	735	859	1,593
1969		32	122	60	40	33	23	199	78	587	873	1,460

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Beginning January 1962, truck receipts discontinued.

<sup>2</sup> Rounded totals of the complete figures.

<sup>3</sup> The number of stockyards varies from 39 to 68.

Consumer and Marketing Service. Compiled from reports received from stockyard companies. Data for 1950-59 in *Agricultural Statistics, 1967*, table 465.

Table 456.—Cattle and calves: Number slaughtered, United States, 1955–69<sup>1</sup>

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>2</sup>			Federally inspected	Other	Total <sup>2</sup>		
Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1955	19,055	6,667	25,722	865	26,587	7,499	4,878	12,377	487	12,864
1956	20,186	6,676	26,862	893	27,755	7,843	4,669	12,512	487	12,999
1957	19,454	6,778	26,232	836	27,068	7,324	4,580	11,904	449	12,353
1958	17,642	5,913	23,555	813	24,368	5,672	3,643	9,315	423	9,738
1959	17,459	5,472	22,931	792	23,723	4,875	2,808	7,683	389	8,072
1960	19,394	5,830	25,224	805	26,029	5,260	2,965	8,225	390	8,615
1961	19,968	5,666	25,635	836	26,471	5,005	2,696	7,701	379	8,080
1962	20,339	5,745	26,083	828	26,911	4,980	2,515	7,494	363	7,857
1963	21,662	5,570	27,232	838	28,070	4,535	2,298	6,833	371	7,204
1964	25,133	5,685	30,818	860	31,678	4,820	2,434	7,254	378	7,632
1965	26,614	5,733	32,347	824	33,171	5,076	2,344	7,420	368	7,788
1966 <sup>3</sup>	27,319	6,408	33,727	444	34,171	4,432	2,215	6,647	214	6,861
1967	27,780	6,099	33,869	426	34,295	4,002	1,917	5,919	188	6,107
1968	29,592	5,434	35,026	388	35,414	3,876	1,567	5,443	170	5,613
1969	30,536	4,700	35,237	339	35,576	3,637	1,226	4,863	146	5,009

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

<sup>2</sup> Totals are based on unrounded numbers.

<sup>3</sup> Beginning in 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 466.

Table 457.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers (live weight) 1960-69<sup>1</sup>

Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Dollars</i>
1960.....	19,394	1,032	21.98	5,259	210	22.30
1961.....	19,968	1,043	21.41	5,005	209	23.12
1962.....	20,339	1,027	22.95	4,980	205	24.29
1963.....	21,662	1,046	21.10	4,535	200	23.24
1964.....	25,133	1,041	19.71	4,820	204	19.87
1965.....	26,614	1,016	21.37	5,076	203	20.99
1966.....	27,319	1,031	23.36	4,432	201	25.51
1967.....	27,780	1,039	23.44	4,002	191	25.95
1968.....	29,592	1,030	24.63	3,876	195	27.40
1969.....	30,536	1,030	27.25	3,637	197	30.91

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands. In recent years, the carcass weight of cattle has averaged about 59 percent of the live weight, and for calves 56 percent of the live weight.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 467.

Table 458.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1969<sup>1</sup>

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
New England <sup>2</sup> .....	176.3	193,069	1,095	240.2	24,790	103
New York.....	384.0	424,326	1,105	795.0	91,975	116
New Jersey.....	341.0	417,615	1,225	381.0	89,939	236
Pennsylvania.....	762.0	842,604	1,106	459.0	60,334	131
Ohio.....	1,123.0	1,137,253	1,013	66.2	11,954	181
Indiana.....	642.0	645,933	1,006	51.8	10,227	197
Illinois.....	1,417.0	1,443,142	1,018	191.7	35,187	184
Michigan.....	669.5	707,320	1,056	137.5	26,501	168
Wisconsin.....	1,245.5	1,394,889	1,120	428.2	56,199	131
Minnesota.....	1,868.0	1,985,968	1,063	98.0	18,120	185
Iowa.....	4,130.0	4,283,039	1,037	261.7	41,294	158
Missouri.....	1,590.0	1,607,212	1,011	41.5	11,047	266
North Dakota.....	183.4	197,351	1,076	.2	77	385
South Dakota.....	681.5	714,517	1,048	.1	40	400
Nebraska.....	4,159.0	4,343,112	1,044	8.9	3,239	370
Kansas.....	1,664.0	1,701,653	1,023	.6	189	315
Delaware and Maryland.....	104.1	109,572	1,053	27.6	5,792	210
Virginia.....	187.6	190,050	1,013	179.1	48,410	270
West Virginia.....	65.5	65,749	1,004	3.8	821	216
North Carolina.....	172.9	164,142	949	6.7	1,452	217
South Carolina.....	93.6	74,884	800	134.8	53,612	398
Georgia.....	323.9	278,810	861	20.2	8,354	414
Florida.....	400.0	380,229	951	203.9	62,190	305
Kentucky.....	239.9	224,514	936	2.4	531	221
Tennessee.....	606.0	576,713	952	138.9	40,851	294
Alabama.....	251.0	218,460	870	31.8	14,194	446
Mississippi.....	353.5	294,935	834	34.5	44,940	532
Arkansas.....	179.9	160,460	892	15.3	8,071	528
Louisiana.....	150.8	119,352	791	225.1	107,449	477
Oklahoma.....	713.5	673,459	944	18.5	9,145	494
Texas.....	3,011.0	2,674,538	888	312.9	164,894	527
Montana.....	197.8	200,641	1,014	.6	206	343
Idaho.....	386.0	402,215	1,042	.7	251	359
Wyoming.....	26.4	26,084	988	.1	40	400
Colorado.....	1,714.0	1,803,041	1,052	2.5	794	318
New Mexico.....	333.3	324,160	973	.....	.....	.....
Arizona.....	499.5	497,654	996	3.6	1,737	483
Utah.....	273.7	278,419	1,017	4.5	1,638	364
Nevada.....	23.8	23,621	992	1.6	617	386
Washington.....	587.5	609,235	1,037	13.5	4,563	338
Oregon.....	369.5	373,402	1,011	13.6	4,563	336
California.....	2,936.0	3,022,980	1,030	235.0	80,911	344
48 States.....	35,236.9	35,806,322	1,016	4,862.8	1,147,188	236
Hawaii.....	61.4	58,355	950	.....	.....	.....
United States.....	35,298.3	35,864,677	1,016	4,862.8	1,147,188	236

See footnotes on page 313.

**Table 459.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1960-69<sup>1</sup>**

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	
1960	10,557	4,441	4,124	8,565	273	54.4	22.9	21.3	44.2	1.4
1961	11,164	4,033	4,521	8,554	250	55.9	20.2	22.6	42.8	1.3
1962	11,447	4,250	4,420	8,670	222	56.3	20.9	21.7	42.6	1.1
1963	12,496	4,157	4,807	8,964	202	57.7	19.2	22.2	41.4	.9
1964	14,395	5,322	5,128	10,450	287	57.3	21.1	20.4	41.5	1.1
1965	13,486	6,646	6,066	12,712	415	50.7	25.0	22.8	47.8	1.5
1966	13,844	6,120	6,935	13,055	420	50.7	22.4	25.4	47.8	1.5
1967	14,681	5,540	7,174	12,714	385	52.8	20.0	25.8	45.8	1.4
1968	15,361	5,785	7,986	13,771	459	51.9	19.5	27.0	46.5	1.6
1969	15,754	5,998	8,286	14,284	499	51.6	19.6	27.1	46.8	1.6

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 469.

**Table 460.—Steer beef, dressed: Average wholesale price per 100 pounds, by grades, Chicago and New York, 1960-69<sup>1</sup>**

Year	Chicago				New York			
	Prime	Choice	Good	Standard	Prime	Choice	Good	Standard
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1960	43.98	41.57	38.42	45.99	45.07	42.76	40.88	37.37
1961	41.14	39.39	37.37	44.25	42.73	40.88	39.82	37.37
1962	44.84	42.81	39.34	48.11	46.41	44.19	42.85	41.72
1963	40.83	39.28	36.73	42.85	41.72	39.82	37.87	34.01
1964	39.48	37.59	34.01	41.11	39.84	37.87	36.83	34.01
1965	42.61	40.98	36.83	44.50	43.31	41.39	44.85	42.94
1966	43.04	41.47	40.31	44.85	44.22	42.94	45.00	43.37
1967	43.37	41.01	40.51	45.00	45.12	43.37	48.10	44.93
1968				48.10	47.28	44.93	50.85	48.10
1969				52.31				

<sup>1</sup> Prices are a simple average of the mean of daily range of quotations. New York quotations exclude locally dressed meats. Carcass weights 600-700 pounds.

Consumer and Marketing Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 470.

## FOOTNOTES FOR TABLE 458

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.

<sup>2</sup> Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Statistical Reporting Service.

Table 461.—Cattle (steers): Average price per 100 pounds in Argentina and Canada, 1960-69

Item	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Argentine special, for chilling, at Liniers market, near Buenos Aires <sup>1</sup> .....	<i>Dol.</i> 8.57	<i>Dol.</i> 8.10	<i>Dol.</i> 7.91	<i>Dol.</i> 8.25	<i>Dol.</i> 13.56	<i>Dol.</i> 13.59	<i>Dol.</i> 12.09	<i>Dol.</i> 9.59	<i>Dol.</i> 9.19	<i>Dol.</i> 9.29
Canadian at Winnipeg: <sup>2</sup>										
Over 1,050 pounds, Choice.....	23.32	22.12	24.64	22.40	20.99	22.49	24.04	25.56	25.66	27.86
Up to 1,050 pounds, Good.....	22.43	21.40	23.68	21.42	20.25	21.56	23.34	24.92	25.04	27.02
Stockers and feeders, Good.....	21.51	21.37	22.65	21.57	21.13	20.45	23.71	24.54	24.92	29.71

<sup>1</sup> Official exchange rate used. Effective January 1959, the Argentine Government established a single rate for the peso.

<sup>2</sup> Quotations are for "all weights," in "Choice" and "Good" and "Feeders, good."

Economic Research Service. Prices converted to United States dollars at current rate of exchange.

Table 462.—Hogs and pigs: Number on farms and value, United States, Jan. 1,<sup>1</sup> 1955-70<sup>2</sup>

Year	Total number	Farm value		Year	Total 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>
1954 <sup>3</sup> .....	<i>57,093</i>			1963.....	<i>57,993</i>	27.50	1,596,048
1955.....	50,474	30.60	1,542,285	1964.....	56,757	23.40	1,328,238
1956.....	55,354	17.70	981,115	1964 <sup>3</sup> .....	<i>54,135</i>		
1957.....	51,897	24.70	1,279,895	1965.....	50,792	24.50	1,243,712
1958.....	51,517	30.20	1,558,363	1966.....	47,414	45.20	2,143,507
1959.....	58,045	32.00	1,858,798	1967.....	53,249	33.20	1,769,274
1959 <sup>3</sup> .....	<i>67,949</i>			1968.....	58,777	28.30	1,661,616
1960.....	59,026	18.50	1,091,896	1969.....	60,632	30.50	1,851,596
1961.....	55,560	27.20	1,513,978	1970 <sup>4</sup> .....	56,743	39.00	2,212,153
1962.....	56,619	27.50	1,556,386				

<sup>1</sup> Beginning 1968, data are for Dec. 1 of preceding year.

<sup>2</sup> Beginning 1961, includes Alaska and Hawaii.

<sup>3</sup> Italic figures are Census of Agriculture returns from the Bureau of the Census. Census dates are October-November, 1954 and 1959, and November-December, 1964.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1867-1954 in *Agricultural Statistics, 1967*, table 472.

Table 463.—Hogs and pigs: Number on farms and value, by States, Dec. 1,<sup>1</sup> 1967–69

State and division	Number			Farm value					
				Value per head			Total value		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
Thous- ands	Thous- ands	Thous- ands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Maine.....	11	11	11	30.90	30.20	32.90	340	332	362
New Hampshire.....	15	15	14	31.40	32.20	35.30	471	483	494
Vermont.....	7.7	6.1	6.7	26.60	28.00	31.80	205	171	213
Massachusetts.....	97	95	89	32.60	32.50	34.00	3,162	3,088	3,026
Rhode Island.....	9	9.3	10	32.20	33.30	27.60	290	310	276
Connecticut.....	12	11	10	29.50	30.20	35.20	354	332	352
New York.....	99	103	103	28.80	31.20	35.20	2,851	3,214	3,626
New Jersey.....	121	127	121	33.60	36.70	38.00	4,066	4,661	4,598
Pennsylvania.....	497	547	613	31.00	33.20	37.20	15,407	18,160	22,804
North Atlantic.....	869	924	978	31.20	33.30	36.60	27,146	30,751	35,751
Ohio.....	2,557	2,583	2,557	27.80	29.20	36.40	71,085	75,424	93,075
Indiana.....	4,368	4,499	4,499	28.70	29.90	38.70	125,362	134,520	174,111
Illinois.....	7,207	7,279	6,551	28.40	31.00	40.60	204,679	225,649	265,971
Michigan.....	606	606	691	29.10	31.30	41.00	17,635	18,968	28,331
Wisconsin.....	1,768	1,768	1,680	29.00	30.90	41.40	51,272	54,631	69,552
East North Central.....	16,506	16,735	15,978	28.50	30.40	39.50	470,033	509,192	631,040
Minnesota.....	3,144	3,364	3,162	29.10	33.10	41.50	91,490	111,348	131,223
Iowa.....	15,097	15,852	13,950	30.50	33.50	42.80	460,459	531,042	597,060
Missouri.....	4,429	4,562	4,197	25.00	28.00	37.60	110,725	127,736	157,807
North Dakota.....	328	321	315	28.20	34.00	38.50	9,250	10,914	12,128
South Dakota.....	1,806	1,860	1,674	30.30	33.60	41.70	54,722	62,496	69,806
Nebraska.....	3,043	3,226	2,839	28.70	30.40	40.20	87,334	98,070	114,128
Kansas.....	1,578	1,767	1,643	24.70	27.30	36.40	38,977	48,239	59,805
West North Central.....	29,425	30,952	27,780	29.00	32.00	41.10	852,957	989,845	1,141,957
Delaware.....	36	40	40	28.90	29.00	35.40	1,040	1,160	1,416
Maryland.....	183	198	192	29.60	30.00	35.30	5,417	5,940	6,778
Virginia.....	595	613	619	28.00	26.90	34.90	16,660	16,490	21,603
West Virginia.....	82	76	71	23.80	24.90	33.00	1,952	1,892	2,343
North Carolina.....	1,474	1,518	1,612	27.90	28.00	36.40	41,125	42,504	58,677
South Carolina.....	462	471	476	25.00	26.00	31.20	11,550	12,246	14,851
Georgia.....	1,600	1,648	1,780	25.30	26.90	32.00	40,480	44,331	56,960
Florida.....	322	348	331	27.60	26.90	33.00	8,887	9,361	10,923
South Atlantic.....	4,754	4,912	5,121	26.70	27.30	33.90	127,111	133,924	173,551
Kentucky.....	1,475	1,431	1,445	28.50	29.70	34.50	42,038	42,501	49,853
Tennessee.....	1,106	1,029	926	25.90	25.90	35.90	28,645	26,651	33,243
Alabama.....	962	1,010	949	24.50	24.50	30.80	23,569	24,745	29,229
Mississippi.....	544	522	527	24.50	25.90	31.10	13,328	13,520	16,390
Arkansas.....	291	291	288	20.90	24.10	32.50	6,082	7,013	9,360
Louisiana.....	232	216	233	24.50	25.50	31.50	5,684	5,508	7,340
Oklahoma.....	438	399	375	22.10	23.40	32.30	9,680	9,337	12,113
Texas.....	1,010	1,020	959	22.30	23.40	32.30	22,523	23,868	30,976
South Central.....	6,058	5,918	5,702	25.00	25.90	33.10	151,549	153,143	188,504
Montana.....	170	177	161	27.10	28.30	36.60	4,607	5,009	5,893
Idaho.....	120	118	118	25.20	25.40	32.90	3,024	2,997	3,882
Wyoming.....	25	29	29	27.40	26.20	31.30	685	760	908
Colorado.....	216	246	271	24.80	27.00	33.40	5,357	6,642	9,051
New Mexico.....	42	48	48	23.30	22.50	30.10	979	1,080	1,445
Arizona.....	48	55	61	22.10	25.90	34.30	1,061	1,425	2,092
Utah.....	53	56	56	23.10	23.80	29.70	1,224	1,333	1,663
Nevada.....	9.8	11	9.4	25.50	28.30	29.20	250	311	274
Washington.....	97	87	90	29.20	29.40	35.90	2,832	2,558	3,231
Oregon.....	120	118	118	26.00	27.30	33.30	3,120	3,221	3,929
California.....	195	181	165	34.70	35.40	36.80	6,767	6,407	6,072
Western.....	1,096	1,126	1,126	27.30	28.20	34.10	29,906	31,743	38,440
48 States.....	58,708	60,567	56,685	28.30	30.50	39.00	1,658,702	1,848,598	2,209,243
Alaska.....	1.2	1.1	1.1	48.70	48.90	54.60	58	54	60
Hawaii.....	68	64	57	42.00	46.00	50.00	2,856	2,944	2,850
United States.....	58,777	60,632	56,743	28.30	30.50	39.00	1,661,616	1,851,596	2,212,153

<sup>1</sup> Inventory estimates as of Jan. 1 have been discontinued. <sup>2</sup> Preliminary.  
Statistical Reporting Service.

Table 464.—Sows farrowing and pig crop: Number, United States, 1955-70<sup>1</sup>

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total		Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1955.....	8,347	5,599	57,610	38,119	95,729	1963.....	7,099	5,987	50,749	43,307	94,056
1956.....	7,655	5,181	53,124	36,302	89,426	1964.....	6,596	5,525	47,682	39,862	87,544
1957.....	7,194	5,112	51,263	36,099	87,362	1965.....	5,890	5,006	42,525	36,415	78,940
1958.....	7,281	5,887	51,354	42,179	93,533	1966.....	6,201	5,811	45,422	42,141	87,563
1959.....	7,996	6,128	56,620	42,775	99,395	1967.....	6,570	5,899	48,205	43,540	91,745
1960.....	6,782	5,839	47,228	40,988	88,216	1968.....	6,669	6,129	49,146	45,071	94,217
1961.....	7,018	5,918	50,367	42,348	92,715	1969.....	6,372	5,735	46,877	42,071	88,948
1962.....	6,996	6,098	49,535	44,073	93,608	1970 <sup>2</sup> .....	6,568	.....	48,603	.....	.....

<sup>1</sup> Beginning 1962, includes Alaska and Hawaii.<sup>2</sup> Intentions.Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 473.

Table 465.—Hogs and pigs: Number on farms for breeding and market, United States, 1963-69

Year	Kept for breeding	Market hogs by weight groups						Total
		Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over		
June 1								
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1963.....	.....	.....	.....	.....	.....	.....	.....	
1964.....	9,037	26,977	11,480	7,121	3,802	1,360	50,740	
1965.....	7,915	23,469	10,320	6,694	3,437	1,133	45,053	
1966.....	8,747	25,316	10,872	6,715	3,383	1,132	47,418	
1967.....	8,988	26,029	11,889	7,373	3,804	1,289	50,384	
1968.....	9,256	26,021	11,893	7,788	4,170	1,429	51,301	
1969.....	9,248	24,083	12,037	7,792	4,340	1,379	49,631	
Dec. 1								
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1963.....	9,117	18,864	13,949	11,119	6,678	2,333	52,943	
1964.....	8,166	16,483	12,967	10,152	6,167	2,171	47,940	
1965.....	8,224	15,344	11,470	8,689	5,158	1,634	42,295	
1966.....	8,858	17,320	12,827	9,956	6,095	2,070	48,268	
1967.....	9,181	18,013	13,398	9,853	6,232	2,100	49,596	
1968.....	9,437	18,419	13,899	10,527	6,284	2,066	51,195	
1969.....	8,953	17,511	13,010	9,624	5,767	1,878	47,790	

Statistical Reporting Service.

Table 466.—Hogs: Number in specified countries, average 1961–65, annual 1968 and 1969

Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1968	1969 <sup>2</sup>	Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1968	1969 <sup>2</sup>
North America:					Europe—Continued		Thousands	Thousands	Thousands
Canada (excluding Newfoundland)		Thousands	Thousands	Thousands	Albania		125		
Dec. 1	5,370	6,058	5,695	Bulgaria	Jan.	2,331	2,314	2,140	
Mexico	Dec.	9,170	9,979	10,698	Czechoslovakia	Jan. 1	5,948	5,601	5,136
United States <sup>3</sup>	Jan. 1	55,544	58,777	60,632	Germany, East	Dec. 3	8,654	9,254	9,523
Puerto Rico	Jan.	164	184	187	Hungary	Mar.	6,216	6,609	5,334
Costa Rica	Jan. 1	87	90	93	Poland	June 30	13,080	13,911	14,356
El Salvador	June 1	390	416	417	Romania	Jan.	4,835	5,757	5,853
Guatemala	May 1	422	662	728	Yugoslavia	Jan. 15	5,815	5,865	5,093
Honduras	Jan. 1	474	518	545	Total Eastern Europe <sup>4</sup>		47,000	49,400	47,600
Nicaragua	Dec. 31	408	525	550	Total Europe <sup>4</sup>		113,400	125,000	124,100
Panama	Jan.	201	174	196	U.S.S.R. (Europe and Asia)	Jan. 1	57,800	50,900	49,000
Dominican Republic		618	485	487	Africa:				
Total <sup>4</sup>		76,200	81,500	84,000	Rhodesia	Dec. 31	122		
South America:					South Africa, Republic of	June 30	1,321	1,290	1,240
Argentina	June 30	3,388	3,800	3,900	Total <sup>4</sup>		5,000	5,400	5,500
Brazil	Dec. 31	53,126	63,406	65,640	Asia:				
Chile	Dec.	962	1,900	1,105	Iran	Mar. 1	31	40	42
Colombia	Oct. 1	2,240	2,100	2,200	Cambodia	Dec.	747		
Ecuador	Aug.	1,432	1,810		China (Taiwan)	Dec.	2,917	3,003	3,011
Peru	July 1	1,856	1,720	1,700	Japan	Feb. 1	3,474	5,535	5,429
Uruguay	June 30	403	380	380	Korea, Republic of	Dec. 31	1,418	1,296	1,396
Venezuela	Dec. 31	1,848	1,989	2,027	Philippines	Mar. 1	9,236	11,500	12,000
Total <sup>4</sup>		66,700	78,800	80,500	Thailand	Mar. 31	4,660	4,600	5,000
Europe:					Vietnam, South	Dec. 31	3,382	3,185	
Austria	Dec.	2,978	2,932	3,094	Total <sup>4</sup>		122,400	171,300	172,100
Belgium	Jan.	1,726	2,392	2,504	Oceania:				
Luxembourg	May	103	105	90	Australia	Mar.	1,567	2,056	2,253
Denmark	Jan.	7,284	8,061	7,769	New Zealand	Jan.	719	614	553
Finland	Dec.	492	680	649	Total <sup>4</sup>		2,500	2,900	3,100
France	Oct.	9,022	10,693	10,020	World total <sup>4</sup>		444,000	515,800	518,300
Germany, West	Dec.	16,933	19,033	18,732					
Greece	Dec.	531	492	614					
Ireland	Jan.	1,045	1,017	1,062					
Italy	Jan.	4,787	6,200	7,300					
Netherlands	Jan.	3,124	4,730	4,762					
Norway	Dec.	470	539	578					
Portugal	Dec.	1,628	1,475	1,380					
Spain	Oct.	5,870	5,662	6,129					
Sweden	June	1,900	2,043	2,030					
Switzerland	Apr.	1,396	1,849	1,799					
United Kingdom	Dec.	7,098	7,633	7,969					
Total Western Europe <sup>4</sup>		66,400	75,600	76,500					

<sup>1</sup> Estimates for countries falling in October–December are shown in the following year for comparisons.<sup>2</sup> Preliminary.<sup>3</sup> 50 States.<sup>4</sup> Includes allowances for missing data for countries shown and for other producing countries not shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 467.—Sows farrowing and pig crop: Number, by States, 1968 and 1969

State and division	Sows farrowing				Pig crop					
	1968		1969		1968			1969		
	Dec.- May	June- Nov.	Dec.- May	June- Nov. <sup>1</sup>	Dec.- May	June- Nov.	Total	Dec.- May	June- Nov. <sup>1</sup>	Total <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	1.1	1.1	1.0	1.1	7.2	8.8	16.0	6.4	8.2	14.6
New Hampshire.....	1.2	1.5	1.2	1.7	8.4	10	18.4	8.6	9.2	17.8
Vermont.....	.6	.8	.5	.9	4.5	6.0	10.5	3.9	6.8	10.7
Massachusetts.....	8.2	8.5	7.5	8.0	48	54	102	46	55	101
Rhode Island.....	.7	.8	.9	.9	4.4	4.4	8.8	5.7	6.5	12.2
Connecticut.....	1.2	1.0	1.1	.9	7.1	6.4	13.5	6.6	5.8	12.4
New York.....	10	10	11	9.5	76	75	151	85	73	158
New Jersey.....	8.3	7.2	8.4	6.7	52	45	97	50	38	88
Pennsylvania.....	53	50	57	53	408	375	783	456	408	864
North Atlantic.....	84	81	89	83	615	585	1,200	668	610	1,278
Ohio.....	261	267	255	264	1,924	1,994	3,918	1,904	1,967	3,871
Indiana.....	454	450	440	425	3,360	3,314	6,674	3,322	3,265	6,587
Illinois.....	815	807	734	729	5,817	5,767	11,584	5,080	5,175	10,255
Michigan.....	65	70	68	77	482	518	1,000	514	570	1,084
Wisconsin.....	229	219	224	211	1,776	1,699	3,475	1,696	1,648	3,344
East North Central.....	1,824	1,813	1,721	1,706	13,359	13,292	26,651	12,516	12,625	25,141
Minnesota.....	420	349	387	336	3,212	2,597	5,809	2,879	2,479	5,358
Iowa.....	1,635	1,425	1,508	1,261	12,166	10,552	22,718	11,094	9,047	20,141
Missouri.....	489	525	474	483	3,599	3,805	7,404	3,419	3,414	6,833
North Dakota.....	45	26	41	25	344	195	539	308	185	493
South Dakota.....	264	159	244	146	1,986	1,185	3,171	1,783	1,079	2,862
Nebraska.....	390	319	380	288	2,889	2,399	5,288	2,786	2,143	4,929
Kansas.....	178	172	182	161	1,344	1,317	2,661	1,399	1,237	2,636
West North Central.....	3,421	2,975	3,216	2,700	25,540	22,050	47,590	23,668	19,584	43,252
Delaware.....	3.4	4.7	3.5	5.2	24	33	57	26	39	65
Maryland.....	16	20	17	20	146	146	292	124	134	258
Virginia.....	52	57	55	55	380	428	808	407	424	831
West Virginia.....	7.2	7.7	6.8	7.3	55	59	114	52	58	110
North Carolina.....	212	151	225	157	1,590	1,132	2,722	1,755	1,178	2,933
South Carolina.....	50	45	53	45	350	320	670	387	320	707
Georgia.....	181	161	188	171	1,285	1,159	2,444	1,372	1,248	2,620
Florida.....	34	36	36	35	231	248	479	256	231	487
South Atlantic.....	556	482	584	496	4,035	3,525	7,560	4,379	3,632	8,011
Kentucky.....	167	152	167	149	1,219	1,110	2,329	1,252	1,147	2,399
Tennessee.....	135	124	116	114	945	893	1,838	882	878	1,760
Alabama.....	110	102	110	98	792	734	1,526	803	715	1,518
Mississippi.....	58	52	58	53	365	364	729	400	376	776
Arkansas.....	35	45	33	43	248	315	563	244	322	566
Louisiana.....	24	19	21	20	156	122	278	143	140	283
Oklahoma.....	46	47	42	43	336	338	674	307	314	621
Texas.....	90	114	95	106	639	809	1,448	712	784	1,496
South Central.....	665	655	642	626	4,700	4,685	9,385	4,743	4,676	9,419
Montana.....	18	18	18	17	140	142	282	133	133	266
Idaho.....	13	12	12	12	104	95	199	95	98	193
Wyoming.....	3.4	2.6	3.1	2.9	24	20	44	22	20	42
Colorado.....	27	29	28	32	194	212	406	218	240	458
New Mexico.....	5.4	5.6	6.5	6.1	40	42	82	46	45	91
Arizona.....	5.5	6.6	6.6	6.6	45	50	95	54	51	105
Utah.....	5.5	6.5	5.5	6.0	41	49	90	37	47	84
Nevada.....	1.2	1.1	.8	.9	7.7	8.2	16	4.7	6.8	11.5
Washington.....	8.0	7.4	8.5	9.0	66	62	128	70	63	133
Oregon.....	11	12	11	12	94	102	196	90	100	190
California.....	15	16	14	14	100	109	209	94	101	195
Western.....	113	117	114	118	856	891	1,747	864	905	1,769
48 States.....	6,663	6,123	6,366	5,729	49,105	45,028	94,133	46,838	42,032	88,870
Alaska.....	.13	.15	.14	.14	78	.92	1.7	.91	.81	1.7
Hawaii.....	6.0	6.0	5.4	5.4	40	42	82	38	38	76
United States.....	6,669	6,129	6,372	5,735	49,146	45,071	94,217	46,877	42,071	88,948

<sup>1</sup> Preliminary.  
Statistical Reporting Service.



Table 468.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1969<sup>1</sup> (preliminary)

State and division	Market-ings <sup>2</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of hogs shipped in for feeding and breeding
	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.....	11.6		1.2	3,143	647	561	103	664	
New Hampshire.....	16.4		.8	3,980	824	749	73	822	
Vermont.....	8.2		1.0	2,421	513	428	90	518	
Massachusetts.....	97		1	19,991	4,158	4,488	79	4,567	
Rhode Island.....	10.4		.3	2,416	510	510	31	541	
Connecticut.....	11.6		.3	2,485	527	544	26	570	
New York.....	134		6	31,644	7,088	6,619	532	7,151	
New Jersey.....	154	75	2	26,925	6,004	6,506	173	6,679	1,485
Pennsylvania.....	658		50	173,958	39,141	31,994	4,303	36,297	
North Atlantic.....	1,101	75	62	266,963	59,412	52,399	5,410	57,809	1,485
Ohio.....	3,844	285	18	853,675	192,077	193,735	1,999	195,734	4,874
Indiana.....	6,794	742	15	1,649,913	371,230	380,105	1,617	381,776	13,311
Illinois.....	10,744	466	22	2,550,353	566,178	593,620	3,165	596,785	8,467
Michigan.....	961	59	17	236,876	53,060	49,605	1,801	51,406	1,062
Wisconsin.....	3,252	5	30	669,029	146,517	146,387	3,548	149,935	84
East North Central.....	25,595	1,557	102	5,959,846	1,329,062	1,363,452	12,184	1,375,636	27,798
Minnesota.....	5,219	31	35	1,212,626	270,416	270,819	4,464	275,283	530
Iowa.....	21,473	810	50	4,862,384	1,079,449	1,139,408	7,404	1,146,812	15,277
Missouri.....	6,715	7	60	1,505,621	337,259	338,425	8,064	346,489	127
North Dakota.....	441	7	20	109,675	23,799	22,284	1,660	23,944	110
South Dakota.....	2,990	94	9	736,533	161,301	166,353	973	167,326	1,654
Nebraska.....	5,101	89	20	1,222,030	271,291	281,241	2,828	284,069	1,566
Kansas.....	2,730	104	14	641,290	141,725	143,758	1,895	145,653	1,735
West North Central.....	44,669	1,142	208	10,290,159	2,285,240	2,362,288	27,288	2,389,576	20,999
Delaware.....	65	8	2	14,676	3,287	3,199	154	3,353	137
Maryland.....	214		10	49,190	10,969	10,247	870	11,117	
Virginia.....	684	24	75	182,409	40,495	32,579	7,118	39,697	342
West Virginia.....	94	2	15	25,838	5,607	4,505	1,208	5,713	140
North Carolina.....	2,480	6	135	600,935	130,403	115,791	10,458	126,249	91
South Carolina.....	602		30	152,262	31,670	29,197	2,053	31,250	
Georgia.....	2,187	39	70	489,930	106,805	96,807	6,959	103,766	608
Florida.....	443	8	14	87,238	18,320	17,694	1,005	18,699	124
South Atlantic.....	6,769	87	351	1,602,478	347,556	310,019	29,825	339,844	1,442
Kentucky.....	2,108	3	80	449,757	98,947	90,998	8,378	99,376	46
Tennessee.....	1,642	4	80	323,876	70,929	65,763	8,637	74,400	59
Alabama.....	1,387	28	50	303,342	63,199	61,891	4,243	66,134	480
Mississippi.....	654	3	45	151,697	32,311	28,928	3,235	32,163	54
Arkansas.....	488	4	30	98,826	20,556	18,351	2,583	20,934	56
Louisiana.....	196	2	30	48,154	10,112	7,705	1,714	9,419	35
Oklahoma.....	586	20	14	138,255	29,863	29,189	1,252	30,441	269
Texas.....	1,419	12	40	325,896	70,394	68,923	4,104	73,027	160
South Central.....	8,480	76	369	1,840,303	396,311	371,748	34,146	405,894	1,159
Montana.....	291	35	10	66,073	14,140	14,311	770	15,081	578
Idaho.....	180	7	7	40,308	8,747	8,192	735	8,927	214
Wyoming.....	38	1	2	8,863	1,897	1,750	207	1,957	30
Colorado.....	408	13	8	97,116	22,434	21,201	869	22,070	240
New Mexico.....	85	3	5	20,809	4,573	4,145	502	4,647	53
Arizona.....	96	4	2	23,832	5,481	5,135	168	5,303	65
Utah.....	75	1	3	17,120	3,698	3,520	224	3,744	17
Nevada.....	40.9	2.5	.7	2,107	440	487	45	532	95
Washington.....	116	5	8	28,080	6,150	5,191	687	6,078	78
Oregon.....	178	1	4	40,561	9,003	8,708	488	9,196	19
California.....	208	38	6	43,224	9,725	10,148	446	10,594	86
Western.....	1,686	111	56	388,093	86,295	82,788	5,341	88,129	2,159
48 States.....	88,300	3,048	1,148	20,347,842	4,503,876	4,542,694	114,194	4,656,888	55,042
Alaska.....	.1		.8	195	66	64	6	70	
Hawaii.....	71	1	3	11,779	4,217	4,404	189	4,593	84
United States.....	88,371	3,049	1,152	20,359,816	4,508,159	4,547,162	114,389	4,661,551	55,126

<sup>1</sup> Data for 12-month period, December 1968 through November 1969.  
<sup>2</sup> Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.  
<sup>3</sup> Excludes custom slaughter for farmers at commercial establishments.  
<sup>4</sup> Adjustments made for changes in inventory and for insipiments.  
<sup>5</sup> Receipts from marketings and sales of farm-slaughtered meat, excluding interfarm sales within the States.  
<sup>6</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

Table 469.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1960-69<sup>1</sup>

Year	Marketings <sup>2</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of hogs shipped in for feeding and breeding	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
1960...	79,831	2,500	5,114	19,203,234	2,946,440	2,864,880	182,808	3,047,688	31,487	15.30
1961...	80,326	2,293	4,639	20,166,822	3,355,213	3,152,383	181,785	3,334,168	30,450	16.60
1962...	81,743	2,639	4,093	20,274,620	3,311,953	3,161,521	156,342	3,317,863	35,893	16.30
1963...	86,163	2,657	3,795	20,960,460	3,128,458	3,033,284	134,868	3,168,152	32,117	14.90
1964...	86,086	2,718	3,269	20,216,732	2,988,624	3,033,518	116,089	3,149,607	31,724	14.80
1965...	76,079	2,385	2,613	18,055,208	3,715,956	3,693,341	128,241	3,821,582	36,369	20.60
1966...	76,504	2,583	1,319	19,107,421	4,353,884	4,093,016	136,528	4,229,544	48,172	22.80
1967...	84,995	2,873	1,301	20,634,452	3,895,668	3,754,775	110,756	3,865,531	43,616	18.90
1968 <sup>7</sup> ...	87,907	3,180	1,277	21,102,218	3,910,010	3,784,781	105,852	3,890,633	50,860	18.50
1969 <sup>8</sup> ...	88,371	3,049	1,152	20,359,816	4,508,159	4,547,162	114,389	4,661,551	55,126	22.20

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.<sup>2</sup> Excludes interfarm sales within a State, but includes animals custom slaughtered for use on farms where produced.<sup>3</sup> Beginning 1966, excludes custom slaughter for farmers at commercial establishments.<sup>4</sup> Adjustments made for changes in inventory and for inshipments.<sup>5</sup> Receipts from marketings and sales of farm-slaughtered meat, excluding interfarm sales within a State.<sup>6</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption.<sup>7</sup> Beginning 1968, data for 12-month period, December of previous year through November of current year.<sup>8</sup> Preliminary.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 478.Table 470.—Hogs: Total receipts at public stockyards and direct receipts at interior markets, 1960-69<sup>1</sup>

Year	Receipts at public stockyards										Direct receipts in interior Iowa and southern Minnesota <sup>4</sup>		
	Chi- cago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets <sup>2</sup>		All others re- port- ing	Total mar- kets re- port- ing <sup>2,3</sup>
1960.....	1,848	609	332	941	3,114	3,101	1,802	3,099	2,188	17,034	13,895	30,929	16,971
1961.....	1,728	520	290	1,016	3,064	2,646	1,755	3,110	2,225	16,354	12,941	29,295	16,633
1962.....	1,786	597	242	1,030	3,338	2,637	1,858	3,101	2,363	16,953	12,380	29,333	16,404
1963.....	1,798	615	259	1,084	3,474	2,529	1,872	3,121	2,229	16,981	13,182	30,163	17,780
1964.....	1,801	577	253	1,060	3,445	2,426	1,899	2,915	1,983	16,359	12,953	29,312	18,052
1965.....	1,434	443	230	1,011	2,622	2,035	1,677	2,132	1,686	13,270	11,140	24,410	17,376
1966.....	1,443	351	212	1,021	2,421	2,007	1,591	2,430	1,754	13,230	10,426	23,656	18,458
1967.....	1,434	324	284	1,263	2,673	1,916	1,635	2,757	1,860	14,146	10,131	24,277	20,437
1968.....	1,190	369	289	1,360	2,327	1,823	1,636	2,855	1,950	13,899	10,172	24,071	20,932
1969.....	965	370	361	1,332	1,798	1,644	1,756	2,734	1,879	12,839	9,615	22,454	20,192

<sup>1</sup> Total rail and truck receipts. Beginning January 1962, truck receipts discontinued.<sup>2</sup> Rounded total of complete figures.<sup>3</sup> The number of stockyards reporting varies from 45 to 68.<sup>4</sup> Covers receipts at 14 packing plants and 30 concentration yards.Consumer and Marketing Service. Compiled from reports received from stockyard companies. Data for 1950-59 in *Agricultural Statistics, 1967*, table 479.

Table 471.—Hogs: Number slaughtered, United States, 1955-69<sup>1</sup>

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>2</sup>				Federally inspected	Other	Total <sup>2</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1955	61,370	12,846	74,216	6,835	81,051	1963	71,577	11,747	83,324	3,793	87,116
1956	65,748	12,765	78,513	6,551	85,064	1964	71,667	11,352	83,018	3,266	86,284
1957	60,682	11,913	72,595	6,041	78,636	1965	63,708	10,076	73,784	2,610	76,394
1958	59,462	11,503	70,965	5,857	76,822	1966 <sup>3</sup>	63,729	10,282	74,011	1,314	75,325
1959	68,708	12,874	81,582	6,024	87,606	1967	70,915	11,209	82,124	1,297	83,421
1960	66,153	12,883	79,036	5,114	84,150	1968	74,789	10,371	85,160	1,241	86,401
1961	65,632	11,702	77,335	4,635	81,970	1969	75,682	8,156	83,838	4,120	84,958
1962	67,770	11,564	79,334	4,090	83,424						

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

<sup>2</sup> Totals are based on unrounded numbers.

<sup>3</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 480.

Table 472.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1969<sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
New England <sup>2</sup>	104.5	25,255	242	Alabama	931.0	211,076	227
New York	1,042.5	238,524	229	Mississippi	1,092.0	245,254	225
New Jersey	421.0	77,499	184	Arkansas	407.0	99,225	244
Pennsylvania	3,870.0	874,377	226	Louisiana	214.9	46,458	216
Ohio	4,470.0	1,009,877	226	Oklahoma	717.5	179,151	250
Indiana	3,625.0	923,314	255	Texas	2,039.0	487,908	239
Illinois	5,475.0	1,399,273	256	Montana	327.9	77,185	235
Michigan	2,390.0	565,295	237	Idaho	129.2	28,467	220
Wisconsin	3,084.0	726,309	236	Wyoming	28.2	6,475	230
Minnesota	6,090.0	1,476,638	242	Colorado	862.5	198,357	230
Iowa	20,738.0	5,012,007	242	New Mexico	106.4	25,080	236
Missouri	3,118.0	756,908	243	Arizona	177.7	41,730	235
North Dakota	28.6	6,873	240	Utah	134.7	31,118	231
South Dakota	2,517.0	640,212	254	Nevada	2.5	541	216
Nebraska	2,612.0	646,202	247	Washington	698.5	158,089	226
Kansas	1,869.0	456,432	244	Oregon	207.5	47,288	228
Delaware and Maryland	540.0	116,947	217	California	1,549.0	365,237	236
Virginia	3,204.0	735,347	230	48 States	83,838.5	20,000,723	239
West Virginia	83.9	21,565	257	Hawaii	54.3	9,571	176
North Carolina	1,781.0	395,578	222	United States	83,892.8	20,010,294	239
South Carolina	370.5	89,219	241				
Georgia	1,805.0	390,411	216				
Florida	539.0	106,649	198				
Kentucky	1,542.0	369,781	240				
Tennessee	2,893.0	691,592	239				

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.

<sup>2</sup> Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Statistical Reporting Service.

**Table 473.—Hogs: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1960–69<sup>1</sup>**

Year	Number			Percentage of total		
	Barrows and gilts	Sows	Stags and boars	Barrows and gilts	Sows	Stags and boars
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
1960.....	60,239	5,604	310	91.0	8.5	0.5
1961.....	59,740	5,564	329	91.0	8.5	.5
1962.....	61,747	5,525	498	91.1	8.2	.7
1963.....	65,288	5,717	572	91.2	8.0	.8
1964.....	65,435	5,702	529	91.3	8.0	.7
1965.....	58,576	4,739	392	92.0	7.4	.6
1966.....	58,383	5,055	291	91.6	7.9	.5
1967.....	65,444	5,157	314	92.3	7.3	.4
1968.....	69,484	4,929	377	92.9	6.6	.5
1969.....	70,119	4,961	610	92.6	6.6	.8

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 482.

**Table 474.—Hogs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers, by seasons, 1959–69<sup>1</sup>**

Year beginning September	Number slaughtered			Average live weight <sup>2</sup>			Average cost per 100 pounds live weight <sup>2</sup>		
	September–March	April–August	September–August	September–March	April–August	September–August	September–March	April–August	September–August
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1959.....	44,193	25,648	69,840	236	242	238	13.02	16.29	14.24
1960.....	38,964	25,172	64,136	238	245	241	17.04	16.77	16.93
1961.....	41,163	26,425	67,588	238	245	241	16.57	16.40	16.50
1962.....	42,267	27,301	69,569	240	242	241	15.97	15.70	15.86
1963.....	44,992	26,764	71,756	240	246	242	14.65	15.23	14.87
1964.....	43,511	24,417	67,928	240	241	241	15.73	21.23	17.71
1965.....	36,583	24,204	60,788	241	247	244	25.07	23.11	24.29
1966.....	43,030	26,906	69,936	241	244	242	19.86	20.34	20.05
1967.....	43,760	29,410	73,170	240	242	241	18.15	19.42	18.66
1968.....	46,815	29,935	76,750	238	240	239	19.04	23.47	20.78
1969.....	43,971			241			26.20		

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

<sup>2</sup> Weighted averages; obtained from monthly survey of slaughtering plants. In recent years the packer-style carcass weight of hogs averaged 70 percent of the live weight, and pork (excluding lard) averaged 63 percent of the live weight.

Statistical Reporting Service. Data for 1945-58 in *Agricultural Statistics, 1967*, table 483.

**Table 475.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1960–69**

Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>		Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			<i>Dollars</i>	<i>Dollars</i>				<i>Dollars</i>	<i>Dollars</i>
1960.....	15.1	15.7	1.02	0.991	1965.....	17.7	18.0	1.18	1.16
1961.....	16.5	16.8	1.01	.986	1966.....	18.5	18.7	1.25	1.23
1962.....	16.0	16.5	1.02	.994	1967.....	16.3	16.5	1.17	1.16
1963.....	13.4	13.5	1.12	1.11	1968.....	<sup>3</sup> 17.9	<sup>3</sup> 18.3	1.04	1.02
1964.....	13.1	13.2	1.13	1.12	1969.....	<sup>3</sup> 19.8	<sup>3</sup> 20.2	1.13	1.11

<sup>1</sup> 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 a simple average of monthly ratios.

<sup>2</sup> Simple average of midmonth prices.

<sup>3</sup> Marketing year average December through November.

Statistical Reporting Service. Data for 1930-59 in *Agricultural Statistics, 1967*, table 485.

Table 476.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Chicago, and at 8 markets combined, 1959-70

Season	Chicago						Number of sows as percentage of total	Eight markets combined <sup>1</sup>						Number of sows as percentage of total
	Average live weight			Average cost per 100 pounds live weight				Average live weight			Average cost per 100 pounds live weight			
	Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases		Barrows and gilts	Sows	All purchases	Barrows and gilts	Sows	All purchases	
September-March	Lb.	Lb.	Lb.	Dol.	Dol.	Dol.	Pct.	Lb.	Lb.	Lb.	Dol.	Dol.	Dol.	Pct.
1959-60	230	433	256	13.16	10.70	12.63	13	227	414	244	13.20	10.93	12.84	9
1960-61	232	435	254	17.51	14.41	16.94	11	230	421	248	17.37	14.59	16.92	10
1961-62	229	435	249	16.94	14.28	16.48	10	228	423	246	16.76	14.53	16.41	9
1962-63	231	434	252	16.25	13.96	15.83	11	231	428	250	16.08	14.13	15.76	10
1963-64	231	441	255	15.00	12.58	14.52	12	232	427	250	14.82	12.70	14.47	10
1964-65	231	440	260	16.14	13.37	15.48	14	233	427	253	15.92	13.29	15.47	10
1965-66	232	444	262	25.83	22.20	24.96	14	235	440	256	25.52	22.21	24.94	10
1966-67	232	431	261	20.55	17.45	19.80	15	236	439	257	20.16	17.26	19.65	10
1967-68	232	431	263	18.77	15.80	18.34	15	237	443	257	18.37	15.40	17.85	10
1968-69	232	438	266	19.65	16.38	18.76	17	232	438	255	19.33	16.42	18.78	11
1969-70	234	445	267	26.88	23.06	25.89	16	237	445	258	26.48	23.07	25.89	10
April-August:														
1960	236	421	265	16.63	14.00	15.98	16	230	401	252	16.62	14.25	16.13	13
1961	235	421	263	17.17	14.42	16.51	15	231	405	257	17.13	14.65	16.56	15
1962	234	419	260	16.91	14.40	16.33	14	231	405	254	16.83	14.48	16.33	13
1963	230	413	263	16.23	13.95	15.59	18	229	404	253	16.09	13.97	15.62	14
1964	232	426	268	15.91	13.12	15.10	18	235	413	259	15.64	13.03	15.07	14
1965	229	423	271	21.89	19.51	21.09	22	231	413	257	21.82	19.51	21.29	14
1966	236	428	275	24.05	19.55	22.62	20	236	424	264	23.99	19.58	22.95	15
1967	232	423	270	21.20	17.70	20.12	20	236	429	261	20.90	17.56	20.18	13
1968	235	427	270	20.08	16.90	19.16	18	236	428	259	19.86	16.74	19.24	12
1969	235	441	271	24.31	21.30	23.45	18	234	431	257	24.02	21.39	23.50	12
September-August:														
1959-60	232	429	259	14.35	11.98	13.81	14	228	408	247	14.41	12.35	14.05	11
1960-61	233	428	258	17.37	14.42	16.76	13	231	413	252	17.28	14.62	16.77	12
1961-62	231	427	253	16.93	14.33	16.42	12	229	414	249	16.79	14.50	16.38	11
1962-63	230	423	256	16.24	13.96	15.73	13	230	416	251	16.08	14.05	15.70	11
1963-64	231	433	260	15.33	12.84	14.75	14	233	421	253	15.12	12.85	14.70	11
1964-65	230	433	264	17.93	15.98	17.40	17	232	421	254	17.87	15.85	17.48	12
1965-66	234	436	267	25.13	20.90	23.98	17	235	432	259	24.92	20.94	24.12	12
1966-67	232	428	265	20.78	17.56	19.92	17	236	434	259	20.44	17.40	19.86	11
1967-68	233	429	266	19.24	16.25	18.45	16	236	437	258	18.94	15.96	18.39	11
1968-69	233	439	268	21.35	18.25	20.49	17	233	435	256	21.12	18.39	20.60	11

<sup>1</sup> Chicago, St. Louis National Stock Yards, Kansas City, Omaha, Sioux City, South St. Joseph, South St. Paul, and Indianapolis.

Consumer and Marketing Service.

Table 477.—Pork and lard: Wholesale price per 100 pounds, Chicago, 1960-69<sup>1</sup>

Year	Loins, fresh, 8- to 14-lb. average <sup>2</sup>	Hams, smoked, skinned, No. 1 16- to 20-lb. average <sup>3</sup>	Bacon, smoked, dry-cured, No. 1 8- to 12-lb. average <sup>4</sup>	Lard, refined, in 1-lb. cartons	Year	Loins, fresh, 8- to 14-lb. average <sup>2</sup>	Hams, smoked, skinned, No. 1 16- to 20-lb. average <sup>3</sup>	Bacon, smoked, dry-cured, No. 1 8- to 12-lb. average <sup>4</sup>	Lard, refined, in 1-lb. cartons
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1960	44.33	47.93	37.62	13.65	1965	51.81	49.99	49.99	17.67
1961	44.48	45.10	43.20	15.06	1966	56.18	59.71	49.37	
1962	44.72		40.27	14.61	1967	49.74	45.91	45.91	
1963	42.84		37.16	13.96	1968	49.69	51.58	51.58	
1964	43.03		37.66	14.95	1969	56.53			

<sup>1</sup> Prices based on sales by slaughterers, packer branch houses, and wholesale dealers to retail dealers and hotel supply houses.

<sup>2</sup> Weight range 8-14 pound average effective June 1967; earlier years 8-12 pound average.

<sup>3</sup> Weight range 16-20 pound average effective January 1960; earlier years 16-18 pound average.

<sup>4</sup> Weight range 8-12 pound average effective January 1960; earlier years 8-10 pound average.

Consumer and Marketing Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 487.

Table 478.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1955-69

Year	Supply						Disposition					
	Production				Stocks Jan. 1 <sup>1</sup>	Total <sup>2</sup>	Exports and shipments			Domestic disappearance		
	Federally inspected	Other com- mercial	Farm	Total			Ex- ports <sup>3</sup>	Ship- ments	Total	Total	Direct use	
					Total	Per civilian						
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1955 . . .	2,140	312	208	2,660	104	2,764	562	57	620	1,998	1,639	10.1
1956 . . .	2,255	304	198	2,757	147	2,904	611	60	672	2,121	1,623	9.8
1957 . . .	2,080	287	180	2,547	112	2,659	501	62	563	1,994	1,589	9.4
1958 . . .	1,982	271	173	2,426	101	2,527	389	66	455	1,977	1,640	9.6
1959 . . .	2,309	300	171	2,780	95	2,875	605	68	673	2,078	1,536	8.8
1960 . . .	2,127	292	143	2,562	124	2,686	620	61	681	1,912	1,358	7.6
1961 . . .	2,118	266	130	2,514	94	2,608	417	69	486	2,015	1,393	7.7
1962 . . .	2,104	261	111	2,476	110	2,586	422	66	488	1,970	1,314	7.1
1963 . . .	2,117	256	100	2,473	128	2,601	538	57	595	1,887	1,190	6.4
1964 . . .	2,153	235	85	2,473	119	2,592	683	64	747	1,719	1,193	6.3
1965 . . .	1,772	208	65	2,045	127	2,172	251	75	326	1,785	1,225	6.4
1966 . . .	1,696	202	32	1,929	62	1,991	158	63	221	1,670	1,071	5.5
1967 . . .	1,835	209	32	2,076	100	2,176	189	58	247	1,778	1,055	5.4
1968 . . .	1,862	167	30	2,059	151	2,210	172	58	230	1,876	1,106	5.6
1969 <sup>4</sup> . . .	1,755	126	29	1,910	94	2,004	262	67	329	1,606	1,017	5.1

<sup>1</sup> Factory and warehouse stocks as reported by the Bureau of the Census.

<sup>2</sup> Includes imports, which were less than 500,000 pounds in all years.

<sup>3</sup> Includes civilian relief and shipments by CARE.

<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers. Data for 1930-54 in *Agricultural Statistics, 1967*, table 488.

Table 479.—Lard, including rendered pork fat: United States exports by country of destination, average 1961-65, annual 1968 and 1969

Continent and country	Average 1961-65	1968	1969 <sup>1</sup>	Continent and country	Average 1961-65	1968	1969 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
North America:				Europe:			
Canada . . . . .	17,111	21,073	19,925	Austria . . . . .	22		
Costa Rica . . . . .	810			Belgium and Luxem- bourg . . . . .	857	252	660
Cuba . . . . .	8,520			France . . . . .	14	6	
Dominican Republic . . . . .	10	124	111	Germany, West . . . . .	14,695	1,218	881
El Salvador . . . . .	1,002	99	7	Greece . . . . .	1		
Guatemala . . . . .	109			Italy . . . . .	2		
Haiti . . . . .	6,836	6,409	3,007	Netherlands . . . . .	958	1,706	44
Mexico . . . . .	10,384	23,818	35,208	Switzerland . . . . .	1,114	11	
Netherlands Antilles . . . . .	440	853	708	United Kingdom . . . . .	363,292	105,618	186,469
Panama . . . . .	3,123	2,316	1,196	Yugoslavia . . . . .	5,904		
Panama Canal Zone . . . . .	73			Other countries . . . . .	4,980	4,188	3
Other countries . . . . .	2,557	3,302	3,206	Total . . . . .	391,839	112,999	188,057
Total . . . . .	50,975	57,994	63,368				
South America:				Africa . . . . .	18	17	19
Bolivia . . . . .	6,248	111		Asia . . . . .	5,137	1,153	8,718
Brazil . . . . .	3,885	111	56	Oceania . . . . .	4	9	45
Colombia . . . . .	234	767	518	Grand total . . . . .	481,854	175,270	261,466
Ecuador . . . . .	51	105					
Peru . . . . .	1,535	1,767	488				
Venezuela . . . . .	329	160	193				
Other countries . . . . .	1,599	77	4				
Total . . . . .	13,881	3,098	1,259				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 480.—Sheep and lambs: Number on farms and value, United States, Jan. 1, 1955-70<sup>1</sup>

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
	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>
1954 <sup>2</sup>	31,619			20,438					
1955	31,582	14.90	471,490	27,137	14.90	403,524	4,445	15.30	67,966
1956	31,157	14.20	443,878	26,890	14.30	383,271	4,267	14.20	60,607
1957	30,654	15.00	458,581	26,348	14.90	393,264	4,306	15.20	65,317
1958	31,217	19.20	600,445	27,167	19.40	526,475	4,050	18.30	73,970
1959	32,606	20.10	654,852	28,108	20.30	570,865	4,498	18.70	83,987
1959 <sup>2</sup>	33,945			22,159					
1960	33,170	16.50	545,684	28,849	16.50	477,350	4,321	15.80	68,334
1961	32,725	14.60	476,619	28,320	14.60	413,321	4,405	14.40	63,298
1962	30,969	12.90	400,589	26,719	12.90	344,215	4,250	13.30	56,374
1963	29,176	14.60	424,960	25,122	14.40	362,186	4,054	15.50	62,774
1964	27,116	14.10	382,614	23,455	14.00	327,798	3,661	15.00	54,816
1964 <sup>2</sup>	25,597			17,006					
1965	25,127	16.00	401,044	21,843	15.80	346,079	3,284	16.70	54,965
1966	24,734	19.80	490,686	21,456	19.70	422,404	3,278	20.80	68,282
1967	23,898	19.80	472,099	20,661	19.70	407,136	3,237	20.10	64,963
1968	22,140	19.20	425,698	19,105	19.20	365,917	3,035	19.70	59,781
1969	21,238	22.10	468,761	18,332	22.00	403,214	2,906	22.60	65,547
1970 <sup>3</sup>	20,422	24.90	509,219	17,578	24.70	433,723	2,844	26.50	75,496

<sup>1</sup> Beginning 1961, includes Alaska.<sup>2</sup> Italic figures are Census of Agriculture returns from the Bureau of the Census. Census dates were October-November, 1954 and 1959, and November-December, 1964.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1867-1954 in *Agricultural Statistics, 1967*, table 490.Table 481.—Sheep and lambs: Number on farms, by classes, United States, Jan. 1, 1955-70<sup>1</sup>

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep						
			Total	Lambs		1 year and over			
				Ewes	Wethers and rams	Ewes	Rams	Wethers	
	<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>
1955	31,582	4,445	27,137	3,982	740	21,321	860	234	234
1956	31,157	4,267	26,890	3,819	687	21,323	851	210	210
1957	30,654	4,306	26,348	3,709	634	20,976	840	189	189
1958	31,217	4,050	27,167	4,289	625	21,208	864	181	181
1959	32,606	4,498	28,108	4,549	647	21,832	893	187	187
1960	33,170	4,321	28,849	4,562	721	22,406	927	233	233
1961	32,725	4,405	28,320	4,079	887	22,199	918	237	237
1962	30,969	4,250	26,719	3,520	855	21,252	868	224	224
1963	29,176	4,054	25,122	3,319	762	20,028	808	205	205
1964	27,116	3,661	23,455	3,089	714	18,723	754	175	175
1965	25,127	3,284	21,843	2,801	650	17,502	722	168	168
1966	24,734	3,278	21,456	3,010	760	16,850	675	161	161
1967	23,898	3,237	20,661	2,957	687	16,218	645	154	154
1968	22,140	3,035	19,105	2,549	568	15,282	589	117	117
1969	21,238	2,906	18,332	2,463	501	14,690	562	116	116
1970 <sup>2</sup>	20,422	2,844	17,578	2,429	485	14,035	535	94	94

<sup>1</sup> Beginning 1961, includes Alaska.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 491.

Table 482.—Stock sheep: Number on farms by classes, by States, Jan. 1, 1969 and 1970

State and division	Lambs				1 year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1969	1970 <sup>1</sup>	1969	1970 <sup>1</sup>	1969	1970 <sup>1</sup>	1969	1970 <sup>1</sup>
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
Maine	3		1	1	12	11	1	1
New Hampshire	1.0	.9	.2	.2	4.0	3.8	.4	.4
Vermont	1.2	1.0	.2	.4	5.0	4.6	.3	.3
Massachusetts	2	1.6		.5	7	6.9	1	.7
Rhode Island	.3	.3	.1	.1	1.5	1.4	.2	.1
Connecticut	.9	.8	.2	.2	4.0	3.8	.4	.3
New York	11	11	3	2	72	70	3	3
New Jersey	1.1	1.0	.3	.4	5.9	5.7	.7	.6
Pennsylvania	24	23	9	11	124	122	13	9
North Atlantic	44	43	14	16	236	229	20	15
Ohio	69	73	18	18	505	490	25	24
Indiana	31	34	7	7	197	181	12	10
Illinois	42	47	6	8	240	226	16	14
Michigan	24	23	5	5	153	151	4	5
Wisconsin	21	19	4	4	116	105	6	6
East North Central	187	196	40	42	1,211	1,153	63	59
Minnesota	59	58	2	4	358	347	13	14
Iowa	98	98	5	5	560	526	22	22
Missouri	26	25	8	7	213	198	6	7
North Dakota	38	39	7	7	254	245	10	9
South Dakota	143	131	11	14	864	836	34	29
Nebraska	20	20	4	4	190	188	8	8
Kansas	20	23	13	18	239	220	14	11
West North Central	404	394	50	59	2,678	2,560	109	100
Delaware	.3	.4	.1	.1	1.5	1.6	.1	.1
Maryland	2	2	1	1	15	16	1	1
Virginia	26	26	4	4	159	151	8	8
West Virginia	22	21	7	5	134	130	7	7
North Carolina	3	2	1	1	15	14	1	1
South Carolina	.2	.1	.1	.1	1.2	1.2	.2	.2
Georgia	.7	.7	.2	.2	3.9	4.0	.7	.6
Florida	1.0	.6	.3	.3	4.3	4.3	.6	.5
South Atlantic	55	53	14	11	334	322	18	19
Kentucky	8	8	4	3	94	84	6	5
Tennessee	5	4	2	2	40	37	2	2
Alabama	.8	.8	.5	.4	5.0	4.8	.4	.4
Mississippi	3	3	1	1	13	11	2	2
Arkansas	.8	.9	.5	.4	8.5	6.2	.6	.5
Louisiana	3	3	2	2	18	17	3	2
Oklahoma	13	12	3	2	88	85	5	5
Texas	511	473	235	235	2,878	2,706	163	146
South Central	545	504	248	246	3,142	2,951	182	163
Montana	213	206	23	15	861	801	33	29
Idaho	83	70	5	5	585	544	14	13
Wyoming	316	319	12	11	1,385	1,399	53	55
Colorado	73	81	12	15	740	703	27	24
New Mexico	133	139	18	18	616	600	32	34
Arizona	75	71	12	12	321	321	20	20
Utah	125	120	7	7	830	788	26	24
Nevada	32	33	2	2	170	173	5	5
Washington	22	22	1	1	106	96	7	6
Oregon	63	68	6	6	396	360	18	15
California	85	107	34	17	1,074	1,024	41	37
Western	1,225	1,236	132	109	7,078	6,809	276	262
48 States	2,460	2,426	498	483	14,679	14,024	668	618
Alaska	3	3	3	2	11	11	10	11
United States	2,463	2,429	501	485	14,690	14,035	678	629

<sup>1</sup> Preliminary.  
Statistical Reporting Service.



**Table 483.—Stock sheep and lambs: Number on farms and value, by States, Jan. 1, 1968-70**

State and division	Number			Farm value					
	1968	1969	1970 <sup>1</sup>	Value per head			Total		
				1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	18	17	16	14.60	15.70	17.00	263	267	272
New Hampshire.....	5.4	5.6	5.3	16.50	17.90	20.50	89	100	109
Vermont.....	7.2	6.7	6.3	16.50	17.70	19.50	119	119	123
Massachusetts.....	10	10	9.7	16.50	18.60	20.00	165	186	194
Rhode Island.....	1.9	2.1	1.9	16.30	18.60	19.50	31	39	37
Connecticut.....	5.2	5.5	5.1	16.50	19.40	20.00	86	107	102
New York.....	93	89.	86	16.80	20.70	21.00	1,562	1,842	1,806
New Jersey.....	8.3	8	7.7	18.10	19.80	21.50	150	158	166
Pennsylvania.....	172	170	165	17.90	19.00	21.50	3,079	3,230	3,548
North Atlantic.....	321	314	303	17.30	19.30	21.00	5,544	6,048	6,357
Ohio.....	636	617	605	18.20	19.60	21.00	11,575	12,093	12,705
Indiana.....	263	247	232	17.00	18.20	21.00	4,471	4,495	4,872
Illinois.....	320	304	295	16.80	18.00	20.00	5,376	5,472	5,900
Michigan.....	192	186	184	18.60	20.70	21.00	3,571	3,850	3,864
Wisconsin.....	155	147	134	14.90	20.00	22.00	2,310	2,940	2,948
East North Central.....	1,566	1,501	1,450	17.40	19.20	20.90	27,303	28,850	30,289
Minnesota.....	441	432	423	16.70	19.00	20.50	7,365	8,208	8,672
Iowa.....	685	685	651	16.60	20.00	22.50	11,371	13,700	14,648
Missouri.....	280	255	237	14.80	18.00	19.00	4,144	4,590	4,503
North Dakota.....	329	309	300	15.90	20.70	22.00	5,231	6,396	6,600
South Dakota.....	1,096	1,052	1,010	19.50	23.50	26.50	21,372	24,722	26,765
Nebraska.....	241	222	220	19.40	21.50	24.50	4,675	4,773	5,390
Kansas.....	333	286	272	15.80	22.70	24.50	5,261	6,492	6,664
West North Central.....	3,405	3,241	3,113	17.50	21.30	23.50	59,419	68,881	73,242
Delaware.....	2.2	2.0	2.2	17.30	17.50	19.00	38	35	42
Maryland.....	19	19	20	19.00	20.30	20.50	361	386	410
Virginia.....	214	197	189	20.60	21.80	22.00	4,408	4,295	4,158
West Virginia.....	173	170	163	18.60	20.60	21.00	3,218	3,502	3,423
North Carolina.....	22	20	18	15.90	17.20	19.50	350	344	351
South Carolina.....	2.1	1.7	1.6	15.70	16.50	19.00	33	28	30
Georgia.....	6.0	5.5	5.5	15.20	14.40	15.00	91	79	83
Florida.....	6.4	6.2	5.7	12.80	11.90	13.00	82	74	74
South Atlantic.....	445	421	405	19.30	20.80	21.20	8,581	8,743	8,571
Kentucky.....	135	112	100	19.40	19.90	20.00	2,619	2,229	2,000
Tennessee.....	57	49	45	16.70	17.00	19.50	952	833	878
Alabama.....	7.5	6.7	6.4	12.10	12.40	15.50	91	83	99
Mississippi.....	21	19	17	13.30	11.80	12.50	279	224	213
Arkansas.....	9.5	8.4	8.0	13.70	16.90	17.50	130	142	140
Louisiana.....	30	26	24	10.90	12.30	13.00	327	320	312
Oklahoma.....	114	109	104	14.10	18.90	22.50	1,607	2,060	2,340
Texas.....	3,986	3,787	3,560	13.40	16.80	19.00	53,412	63,622	67,640
South Central.....	4,360	4,117	3,864	13.60	16.90	19.10	59,417	69,513	73,622
Montana.....	1,165	1,130	1,051	22.30	25.40	29.00	25,980	28,702	30,479
Idaho.....	719	687	632	24.40	27.40	32.00	17,544	18,824	20,224
Wyoming.....	1,749	1,766	1,764	22.50	25.40	28.00	39,352	44,856	49,952
Colorado.....	884	857	823	23.70	26.50	30.00	20,951	22,711	24,890
New Mexico.....	823	799	791	18.60	20.50	23.50	15,308	16,380	18,589
Arizona.....	414	428	424	18.30	17.60	20.00	7,576	7,533	8,480
Utah.....	1,019	988	939	24.60	28.30	32.50	25,067	27,960	30,518
Nevada.....	220	209	213	24.20	27.00	31.50	5,324	5,643	6,710
Washington.....	134	130	125	22.00	26.10	27.50	2,948	3,393	3,438
Oregon.....	498	483	449	22.10	24.80	26.00	10,958	11,978	11,674
California.....	1,356	1,234	1,185	25.00	26.30	30.50	33,900	32,454	36,143
Western.....	8,981	8,711	8,416	22.80	25.30	28.60	204,908	220,434	240,897
48 States.....	19,078	18,305	17,551	19.10	22.00	24.70	365,172	402,469	432,978
Alaska.....	27	27	27	27.60	27.60	27.60	745	745	745
United States.....	19,105	18,332	17,578	19.20	22.00	24.70	365,917	403,214	433,723

<sup>1</sup> Preliminary. Statistical Reporting Service.

Table 484.—Sheep: Number in specified countries, average 1961-65, annual 1968 and 1969

Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1968	1969 <sup>2</sup>	Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1968	1969 <sup>2</sup>
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
<b>North America:</b>					<b>Europe—Con.</b>				
Canada.....	Dec. 1...	786	653	602	Albania.....		1,595		
United States <sup>3</sup> .....	Jan. 1....	29,023	22,140	21,238	Bulgaria.....	Jan. ....	10,070	9,905	9,652
Guatemala.....	May 1....	729	800	550	Czechoslovakia.....	Jan. 1....	574	770	906
Mexico.....	Dec.....	6,064	6,706	7,986	Germany, East.....	Dec. 3...	1,922	1,818	1,794
Dominican Republic.....		30	25	25	Hungary.....	Mar.....	3,048	3,311	3,277
<b>Total <sup>4</sup>.....</b>		<b>37,100</b>	<b>30,800</b>	<b>30,900</b>	Poland.....	June 30..	3,177	3,328	3,238
					Romania.....	Jan.....	12,217	14,380	14,298
					Yugoslavia.....	Jan. 15..	10,232	10,345	9,730
<b>South America:</b>					<b>Total Eastern Europe <sup>4</sup>.....</b>		<b>42,800</b>	<b>45,500</b>	<b>44,500</b>
Argentina.....	June 30..	48,127	47,800	47,500					
Brazil.....	Dec. 31..	19,997	23,065	24,585	<b>Total Europe <sup>4</sup>.....</b>		<b>122,100</b>	<b>123,700</b>	<b>122,000</b>
Chile.....	Dec.....	6,389	6,600	6,758					
Colombia.....	Jan. 1....	1,550	1,814	1,870	<b>U.S.S.R. (Europe and Asia).....</b>	Jan. 1....	<b>133,900</b>	<b>138,500</b>	<b>140,600</b>
Ecuador.....	Aug.....	1,827	2,090						
Peru.....	July 1...	14,454	15,100	15,000	<b>Africa:</b>				
Uruguay.....	June 30..	21,860	21,500	21,700	Morocco.....		14,710		
<b>Total <sup>4</sup>.....</b>		<b>121,100</b>	<b>124,900</b>	<b>126,400</b>	Rhodesia.....	Dec. 31..	372		
					South Africa, Republic of.....	June 30..	39,661	42,172	40,350
<b>Europe:</b>					<b>Total <sup>4</sup>.....</b>		<b>133,500</b>	<b>135,000</b>	<b>133,100</b>
Austria.....	Dec.....	158	130	126					
Belgium.....	Dec.....	61	65	84	<b>Asia:</b>				
Luxembourg.....	May.....	2	4	4	Cyprus.....	Dec.....	418	390	
Denmark.....	July.....	65	110	90	Iran.....	Mar. 1...	21,445	33,000	34,000
Finland.....	June.....	249	155	168	Turkey (Europe and Asia).....	Dec. 31..	32,863	35,878	36,587
France.....	Oct. 1...	8,876	9,510	9,506	Japan.....	Feb. 1....	410	83	64
Germany, West.....	Dec.....	954	810	830	<b>Total <sup>4</sup>.....</b>		<b>218,600</b>	<b>249,000</b>	<b>250,700</b>
Greece.....	Dec.....	8,777	7,919	7,800					
Iceland.....	Dec.....	793			<b>Oceania:</b>				
Ireland.....	Jan.....	3,316	2,990	2,852	Australia.....	Mar.....	160,924	166,912	174,602
Italy.....	Jan.....	7,956	8,285	8,206	New Zealand.....	June.....	50,536	60,494	59,937
Netherlands.....	Dec.....	272	552	552	<b>Total <sup>4</sup>.....</b>		<b>211,500</b>	<b>227,400</b>	<b>234,600</b>
Norway.....	Dec.....	991	988	938					
Portugal.....	Dec.....	5,045	6,100	6,170	<b>World total <sup>4</sup>.....</b>		<b>977,800</b>	<b>1,029,300</b>	<b>1,038,300</b>
Spain.....	Oct.....	20,574	18,642	18,962					
Sweden.....	June.....	198	286	331					
Switzerland.....	Apr.....	238	298	290					
United Kingdom.....	Dec.....	20,689	20,424	19,667					
<b>Total Western Europe <sup>4</sup>.....</b>		<b>79,300</b>	<b>78,200</b>	<b>77,500</b>					

<sup>1</sup> Estimates for countries falling in October-December are shown in the following year for comparisons.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

<sup>4</sup> Includes allowances for missing data for countries shown and for other producing countries not shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 485.—Sheep and lambs on feed: Number and total farm value Jan. 1, by States, 1968-70

State and division	Number <sup>1</sup>			Total farm value		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
New York .....	15	14	14	285	300	344
Ohio .....	131	127	114	2,358	2,638	2,754
Indiana .....	35	35	34	700	778	847
Illinois .....	101	106	94	1,919	2,195	2,269
Michigan .....	67	69	64	1,340	1,607	1,716
Wisconsin .....	34	35	33	612	773	810
East North Central .....	383	386	353	7,214	8,291	8,740
Minnesota .....	150	144	131	2,700	3,197	3,239
Iowa .....	288	257	218	5,184	5,705	5,774
Missouri .....	53	51	51	901	1,071	1,257
North Dakota .....	76	75	77	1,444	1,630	1,883
South Dakota .....	260	188	145	5,200	4,542	3,843
Nebraska .....	210	171	154	3,990	3,755	3,773
Kansas .....	69	100	106	1,242	2,309	2,408
West North Central .....	1,106	986	882	20,661	22,209	22,177
Oklahoma .....	25	27	34	425	510	834
Texas .....	242	242	300	3,388	3,662	7,630
Montana .....	110	95	95	2,310	2,291	2,755
Idaho .....	125	165	153	2,875	4,265	4,896
Wyoming .....	98	94	150	2,058	2,016	4,200
Colorado .....	480	480	420	11,040	12,051	11,357
New Mexico .....	50	41	43	950	840	1,010
Arizona .....	73	72	84	1,314	1,367	2,696
Utah .....	60	65	75	1,320	1,623	1,930
Nevada .....	27	22	26	594	594	699
Washington .....	23	23	16	506	616	440
Oregon .....	68	86	81	1,496	2,133	2,106
California .....	165	122	132	3,630	3,073	4,026
Western .....	1,546	1,534	1,609	31,906	35,047	44,579
United States .....	3,035	2,906	2,844	59,781	65,547	75,496

<sup>1</sup> Includes sheep and lambs in commercial feed lots on feed for slaughter market.<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 486

<sup>1</sup> Lambs saved defined as lambs living July 1, or sold before July 1 in the native States and lambs docked or branded in the Western States.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 486.—Lamb crop: Number of lambs saved and number as percentage of ewes 1 year old and older, by States, 1967-69<sup>1</sup>

State and division	1967		1968		1969 <sup>2</sup>	
	Number	Lambs saved as percent of ewes one year old and over, Jan. 1	Number	Lambs saved as percent of ewes one year old and over, Jan. 1	Number	Lambs saved as percent of ewes one year old and over, Jan. 1
	Thousands	Percent	Thousands	Percent	Thousands	Percent
Maine.....	14	108	13	100	12	100
New Hampshire.....	3.5	97	4.0	105	3.9	98
Vermont.....	5.8	102	5.2	98	4.9	98
Massachusetts.....	6.8	97	7.1	101	6.8	97
Rhode Island.....	1.3	87	1.3	93	1.4	93
Connecticut.....	3.5	100	3.8	100	4.0	100
New York.....	83	111	77	104	75	104
New Jersey.....	6.6	96	6.3	103	6.0	102
Pennsylvania.....	133	104	134	106	126	102
North Atlantic.....	257	105	251	104	240	102
Ohio.....	520	101	512	99	494	98
Indiana.....	235	111	231	110	217	110
Illinois.....	294	108	272	109	254	106
Michigan.....	178	109	167	108	165	108
Wisconsin.....	145	115	142	115	130	112
East North Central.....	1,372	107	1,324	106	1,260	104
Minnesota.....	474	113	411	113	392	109
Iowa.....	672	108	599	106	586	105
Missouri.....	269	103	245	105	222	104
North Dakota.....	305	102	297	109	272	107
South Dakota.....	997	103	965	106	890	103
Nebraska.....	239	104	210	102	197	104
Kansas.....	308	93	283	99	246	103
West North Central.....	3,264	104	3,010	106	2,805	105
Delaware.....	2.0	100	1.6	100	1.6	107
Maryland.....	14	93	15	100	16	107
Virginia.....	203	117	199	116	183	115
West Virginia.....	159	112	153	112	150	112
North Carolina.....	17	106	17	106	15	100
South Carolina.....	1.6	80	1.2	80	1.0	83
Georgia.....	3.3	70	3.2	77	2.9	74
Florida.....	3.9	93	3.8	86	3.6	84
South Atlantic.....	404	112	394	113	373	112
Kentucky.....	151	117	130	116	101	107
Tennessee.....	55	90	43	91	38	95
Alabama.....	5.4	86	5.0	93	4.5	90
Mississippi.....	12	80	12	86	11	85
Arkansas.....	6.7	83	6.7	93	6.2	95
Louisiana.....	15	68	13	65	12	67
Oklahoma.....	96	103	91	102	91	103
Texas.....	2,392	75	2,369	79	2,302	80
South Central.....	2,733	78	2,670	81	2,566	82
Montana.....	842	90	826	95	775	90
Idaho.....	706	115	688	113	655	112
Wyoming.....	1,182	82	1,203	86	1,163	84
Colorado.....	850	100	782	100	740	100
New Mexico.....	502	75	512	81	478	78
Arizona.....	247	76	248	79	254	79
Utah.....	792	90	790	92	764	92
Nevada.....	172	90	167	92	155	91
Washington.....	128	115	118	115	109	109
Oregon.....	434	102	412	101	376	95
California.....	1,111	91	1,051	91	967	90
Western.....	6,966	91	6,777	93	6,436	91
48 States.....	14,996	93	14,426	94	13,680	93
Alaska.....	7.0	70	7.0	64	6.0	55
United States.....	15,003	93	14,433	94	13,686	93

See footnotes on page 329.

Table 487.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1960-69 <sup>1</sup>

Year	Lamb crop <sup>2</sup>	Marketings <sup>3</sup>		Shipped in		Farm slaughter	
		Sheep	Lambs	Sheep for feeding and breeding	Lambs for feeding <sup>4</sup>	Sheep	Lambs <sup>4,5</sup>
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1960	21,012	3,572	19,068	608	5,491	119	222
1961	20,782	3,992	19,632	541	5,301	118	229
1962	19,712	3,788	18,783	636	5,198	113	218
1963	18,516	3,720	17,956	620	4,862	113	212
1964	16,994	3,437	16,757	735	4,838	107	193
1965	16,312	2,454	15,213	.....	5,165	.....	294
1966	15,881	2,815	14,699	.....	4,679	.....	268
1967	15,003	2,928	13,848	.....	4,010	.....	245
1968	14,433	2,295	13,430	.....	4,028	.....	235
1969 <sup>6</sup>	13,686	2,131	12,624	.....	3,943	.....	233

  

Year	Quantity produced (live weight) <sup>7</sup>	Value of production <sup>7</sup>	Cash receipts from sales of sheep, lambs, mutton, and lamb <sup>8</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>9</sup>	Cost of sheep and lambs shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Sheep	Lambs
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1960	1,628,014	253,198	325,107	3,543	328,650	65,942	5.60	17.90
1961	1,646,105	227,191	297,006	3,246	300,251	56,546	5.20	15.80
1962	1,490,722	241,563	318,862	3,471	322,333	64,080	5.63	17.85
1963	1,403,141	230,879	312,367	3,461	315,828	63,162	5.76	18.10
1964	1,330,507	235,756	318,176	3,407	321,583	69,685	6.00	19.90
1965	1,217,139	257,160	328,609	3,865	332,474	73,633	6.34	22.80
1966	1,250,534	261,435	334,189	4,525	338,714	71,155	6.84	23.40
1967	1,142,891	229,628	300,343	4,212	304,555	54,237	6.35	22.10
1968	1,130,250	250,708	314,842	4,551	319,393	60,443	6.55	24.40
1969 <sup>6</sup>	1,032,554	259,070	332,321	5,294	337,615	69,478	7.94	27.20

<sup>1</sup> Beginning 1961, includes Alaska.<sup>2</sup> Lambs saved during the year.<sup>3</sup> Excludes interfarm sales, but includes animals custom slaughtered for use on farms where produced.<sup>4</sup> Beginning 1965, sheep and lambs combined.<sup>5</sup> Beginning 1966, excludes custom slaughter.<sup>6</sup> Preliminary.<sup>7</sup> Adjustments were made for sheep and lambs shipped in and changes in inventory.<sup>8</sup> Includes receipts from marketings and from sales of farm-slaughtered meat.<sup>9</sup> Cash receipts from sales of sheep, lambs, mutton, and lamb plus value of sheep and lambs slaughtered for home consumption.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 497.

## FOOTNOTES FOR TABLE 488

<sup>1</sup> Excludes interfarm sales, but includes animals custom slaughtered for use on farms where produced.<sup>2</sup> Does not include animals custom slaughtered for farmers at commercial establishments.<sup>3</sup> Adjustments made for shipments and changes in inventory.<sup>4</sup> Includes receipts from marketings and from sales of farm-slaughtered meat.<sup>5</sup> Cash receipts from sales of sheep, lambs, mutton, and lamb plus value of sheep and lambs slaughtered for home consumption.

Statistical Reporting Service.

Table 488.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1969 (preliminary)

State and division	Marketings <sup>1</sup>		Shipped in	Slaughter on farms <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>3</sup>	Cash receipts from sales of sheep, lambs, mutton, and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>	Cost of sheep and lambs shipped in for feeding and breeding
	Sheep	Lambs								
	1,000 head	1,000 head								
Maine	4	6		1	876	156	139	26	165	
New Hampshire	9	2		1	234	46	46	3	49	
Vermont	1.5	2.5		3	341	64	60	8	68	
Massachusetts	1.9	3.7		2	449	90	87	5	92	
Rhode Island	5	7		1	89	18	17	3	20	
Connecticut	1.1	2.2		2	277	56	55	6	61	
New York	5	53	10	3	4,267	1,089	1,203	83	1,286	166
New Jersey	1.0	3.1		5	334	80	70	14	84	
Pennsylvania	20	77		3	8,006	1,890	1,843	94	1,937	
North Atlantic	36	150	10	8	14,873	3,489	3,520	242	3,762	166
Ohio	42	414	59	4	36,493	9,367	10,639	110	10,749	1,084
Indiana	35	177	22	2	17,005	4,352	4,820	75	4,895	404
Illinois	48	373	203	2	22,820	5,530	9,578	70	9,648	4,072
Michigan	9	140	17	3	12,773	3,294	3,658	109	3,767	323
Wisconsin	22	110	16	1	10,282	2,558	2,995	35	3,030	287
East North Central	156	1,214	317	12	99,373	25,101	31,690	399	32,089	6,180
Minnesota	38	484	203	2	37,345	9,773	13,644	81	13,725	3,570
Iowa	82	847	452	2	53,562	14,176	23,149	79	23,228	8,265
Missouri	15	190	24	2	17,262	4,769	5,309	80	5,389	399
North Dakota	37	239	55	2	22,364	5,365	6,201	77	6,278	927
South Dakota	107	824	159	5	67,345	16,641	20,842	158	21,000	3,004
Nebraska	47	346	231	1	22,179	5,909	10,231	41	10,272	3,985
Kansas	37	323	163	2	22,387	6,034	8,656	76	8,732	2,907
West North Central	363	3,253	1,287	16	242,444	62,667	88,032	592	88,624	23,057
Delaware	1	8			108	24	21		21	
Maryland	1	10		1	1,240	288	243	36	279	
Virginia	19	131	2	1	13,505	3,428	3,491	35	3,526	29
West Virginia	21	107	1	1	10,865	2,504	2,577	37	2,614	8
North Carolina	3	8		1	876	182	180	30	210	
South Carolina	1	2		3	49	10	3	10	13	
Georgia	8	1.2	7	2	127	30	28	6	34	
Florida	1.0	1.8		3	225	41	41	8	49	
South Atlantic	46	260	4	5	26,795	6,507	6,584	162	6,746	37
Kentucky	13	74	2	1	6,885	1,909	2,039	36	2,075	28
Tennessee	7	24	1		2,330	576	634		634	9
Alabama	7	2.1		4	269	57	52	9	61	
Mississippi	5	4		1	635	115	103	27	130	
Arkansas	6	3.8		2	322	76	77	4	81	
Louisiana	4	2		2	460	82	55	46	101	
Oklahoma	11	81	24	1	6,960	1,655	1,949	34	1,983	391
Texas	456	1,549	100	6	144,795	34,373	37,850	130	37,980	1,747
South Central	498	1,740	127	12	162,656	38,843	42,759	286	43,045	2,175
Montana	127	473	63	5	44,485	10,920	12,847	141	12,988	1,024
Idaho	139	883	414	6	65,913	17,109	25,005	165	25,170	7,136
Wyoming	210	755	230	6	77,111	17,130	18,508	177	18,685	3,133
Colorado	170	1,272	786	8	67,320	18,609	34,721	253	34,974	14,412
New Mexico	91	236	45	40	28,185	6,205	6,078	567	6,645	449
Arizona	57	183	129	75	18,355	3,945	4,576	1,319	5,895	2,078
Utah	82	640	110	12	58,015	15,009	17,156	288	17,444	2,118
Nevada	13	150	53	4	11,928	2,784	3,465	83	3,548	951
Washington	8	102	31	5	7,889	2,115	2,772	135	2,907	585
Oregon	32	295	40	4	24,953	6,865	7,826	129	7,955	750
California	103	1,018	297	14	82,129	21,746	26,773	351	27,124	5,227
Western	1,032	6,007	2,198	179	486,283	122,437	159,727	3,608	163,335	37,863
48 States	2,131	12,624	3,943	232	1,032,424	259,044	332,312	5,289	337,601	69,478
Alaska				5	130	26	9	5	14	
United States	2,131	12,624	3,943	233	1,032,554	259,070	332,321	5,294	337,615	69,478

See footnotes on page 331.

Table 489.—Sheep and lambs: Total receipts at public stockyards, 1960-69<sup>1</sup>

Year	Chi- cago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets <sup>2</sup>	All others report- ing	Total markets report- ing <sup>2,3</sup>
	<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>
1960.....	370	1,828	1,160	780	887	325	601	945	569	7,465	5,063	12,528
1961.....	297	1,884	1,315	809	868	329	618	1,138	560	7,818	4,743	12,561
1962.....	261	1,761	1,149	758	713	300	532	993	494	6,961	4,285	11,246
1963.....	143	1,565	711	633	610	231	398	850	442	5,583	3,332	8,905
1964.....	153	1,163	619	507	567	164	330	804	362	4,669	2,924	7,593
1965.....	136	989	489	458	424	121	203	616	310	3,726	2,443	6,169
1966.....	137	758	424	411	401	111	226	625	302	3,395	3,029	6,424
1967.....	172	488	557	206	370	96	215	589	250	2,943	2,729	5,672
1968.....	167	302	444	165	236	90	257	549	195	2,405	2,574	4,979
1969.....	60	191	393	118	160	81	277	491	171	1,942	2,309	4,251

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Beginning January 1962, truck receipts discontinued.

<sup>2</sup> Rounded totals of complete figures.

<sup>3</sup> The number of stockyards reporting varies from 44 to 68.

Consumer and Marketing Service. Compiled from reports received from stockyard companies. Data for 1950-59 in *Agricultural Statistics, 1967*, table 500.

Table 490.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1969<sup>1</sup>

State	Number slaugh- tered	Total live weight	Average live weight	State	Number slaugh- tered	Total live weight	Average live weight
	<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Pounds</i>		<i>Thou- sands</i>	<i>1,000 pounds</i>	<i>Pounds</i>
New England <sup>2</sup> .....	15.4	1,318	86	Florida.....	.8	51	64
New York.....	74.1	6,804	92	Kentucky.....	173.3	17,640	102
New Jersey.....	841.0	81,739	97	Tennessee.....	27.9	2,605	93
Pennsylvania.....	128.4	11,566	90	Alabama.....	.5	48	96
Ohio.....	69.3	6,339	91	Mississippi.....	1	100	100
Indiana.....	13.8	1,213	88	Arkansas.....	.2	20	100
Illinois.....	720.0	75,880	105	Louisiana.....	3.8	298	78
Michigan.....	348.5	35,683	102	Oklahoma.....	1.5	149	99
Wisconsin.....	10.0	1,003	100	Texas.....	1,183.5	109,727	93
Minnesota.....	563.0	60,249	107	Montana.....	1.9	205	108
Iowa.....	474.5	48,331	102	Idaho.....	9.7	1,077	111
Missouri.....	361.0	37,293	103	Wyoming.....	2.4	274	114
North Dakota.....	80.4	8,980	112	Colorado.....	1,350.5	148,633	110
South Dakota.....	376.0	40,158	107	New Mexico.....	60.4	6,628	110
Nebraska.....	845.0	88,713	105	Arizona.....	1.5	150	100
Kansas.....	2.7	265	98	Utah.....	829.5	88,466	107
Delaware and Mary- land.....	51.5	4,754	92	Nevada.....	2.0	204	102
Virginia.....	3.8	362	95	Washington.....	200.3	22,000	110
West Virginia.....	4.8	468	98	Oregon.....	108.4	11,454	106
North Carolina.....	1.0	95	95	California.....	1,748.0	186,398	107
South Carolina.....	.2	20	100	48 States.....	10,690.7	1,107,281	104
Georgia.....	.1	10	100				

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.

<sup>2</sup> Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Statistical Reporting Service.

Table 491.—Sheep and lambs: Number slaughtered, United States, 1955–69<sup>1</sup>

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>2</sup>				Federally inspected	Other	Total <sup>2</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1955.....	14,383	1,832	16,215	338	16,553	1963.....	13,955	1,867	15,822	325	16,147
1956.....	14,228	1,765	15,993	335	16,328	1964.....	12,947	1,647	14,595	300	14,895
1957.....	13,234	1,723	14,957	335	15,292	1965.....	11,710	1,297	13,006	294	13,300
1958.....	12,397	1,767	14,164	331	14,495	1966 <sup>3</sup> .....	11,553	1,184	12,737	267	13,003
1959.....	13,466	1,714	15,180	348	15,528	1967.....	11,516	1,275	12,790	244	13,034
1960.....	14,036	1,863	15,899	341	16,240	1968.....	10,888	996	11,884	235	12,119
1961.....	15,036	2,154	17,190	347	17,537	1969.....	10,070	621	10,691	232	10,923
1962.....	14,692	2,145	16,837	331	17,168						

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

<sup>2</sup> Totals are based on unrounded numbers.

<sup>3</sup> Beginning in 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 502.

Table 492.—Sheep and lambs: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1960–69<sup>1</sup>

Year	Number		Percentage of total		Year	Number		Percentage of total	
	Lambs and yearlings	Sheep	Lambs and yearlings	Sheep		Lambs and yearlings	Sheep	Lambs and yearlings	Sheep
	Thousands	Thousands	Percent	Percent		Thousands	Thousands	Percent	Percent
1960.....	13,159	877	93.8	6.2	1965.....	11,064	646	94.5	5.5
1961.....	14,169	867	94.2	5.8	1966.....	10,795	758	93.4	6.6
1962.....	13,762	930	93.7	6.3	1967.....	10,735	781	93.2	6.8
1963.....	13,171	784	94.4	5.6	1968.....	10,198	690	93.7	6.3
1964.....	12,230	717	94.5	5.5	1969.....	9,340	728	92.8	7.2

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 504.



**Table 493.—Sheep and lambs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers, by seasons, 1960-69 <sup>1</sup>**

Year beginning May	Number slaughtered <sup>2</sup>			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.
	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Thou- sands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1960.....	8,467	6,090	14,557	96	103	99	17.13	16.51	16.86
1961.....	8,937	6,075	15,012	95	101	97	15.40	16.83	16.00
1962.....	8,643	5,721	14,363	95	101	98	18.45	18.66	18.53
1963.....	8,228	5,468	13,696	96	102	98	18.43	19.67	18.95
1964.....	7,531	4,940	12,471	96	103	99	20.39	22.46	21.25
1965.....	6,913	4,607	11,520	98	105	101	22.94	25.79	24.13
1966.....	6,949	4,911	11,860	101	105	102	21.84	21.56	21.72
1967.....	6,640	4,421	11,061	99	105	102	22.30	24.19	23.13
1968.....	6,504	4,264	10,768	100	107	103	24.38	26.76	25.35
1969.....	5,840			102			26.60		

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

<sup>2</sup> Totals are based on unrounded numbers. In recent years, the carcass weight of sheep and lambs has averaged about 49 percent of the live weight.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 505.

**Table 494.—Sheep and lambs: Average price per 100 pounds at Omaha, 1960-69 <sup>1</sup>**

Year be- ginning May	Sheep			Lambs			Year be- ginning 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.
	<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>
1960.....	4.18	5.65	4.79	18.58	16.25	17.61	1965...	4.89	6.22	6.03	23.88	26.20	24.85
1961.....	4.05	5.58	4.69	16.63	17.20	16.87	1966...	5.72	5.80	6.91	23.14	21.79	27.10
1962.....	5.10	6.12	5.53	19.90	18.99	19.52	1967...	5.82	5.94	5.86	24.80	25.20	24.97
1963.....	4.69	5.17	4.89	19.85	20.09	19.95	1968...	5.84	7.78	6.65	27.07	27.50	27.25
1964.....	4.88	5.20	5.01	21.29	22.82	21.93	1969...	7.86	8.05	7.94	28.97	27.98	28.55

<sup>1</sup> Simple average of monthly bulk-of-sales prices from data of the livestock reporting service.

Consumer and Marketing Service. Data for 1957-59 in *Agricultural Statistics, 1967*, table 506.

Table 495.—Livestock: Average price per 100 pounds received by farmers, by States, 1968 and 1969

State and division	Cows <sup>1</sup>		Steers and heifers		Beef cattle <sup>2</sup>		Calves	
	1968	1969	1968	1969	1968	1969	1968	1969
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Maine.....	17.80	19.10	22.10	24.90	18.20	19.60	26.40	29.90
New Hampshire.....	17.50	18.80	21.70	24.20	17.80	19.30	25.50	29.40
Vermont.....	16.20	17.50	19.80	22.20	16.50	17.90	24.10	28.70
Massachusetts.....	17.40	18.60	20.30	22.60	17.70	19.00	26.20	29.40
Rhode Island.....	17.20	18.60	20.60	23.40	17.40	18.80	26.40	29.70
Connecticut.....	17.20	18.60	21.20	24.00	17.40	18.90	26.50	29.70
New York.....	17.60	19.30	23.80	25.40	18.30	20.00	30.00	32.90
New Jersey.....	17.20	19.00	24.10	24.80	18.30	19.80	29.40	32.10
Pennsylvania.....	17.70	19.30	25.00	28.30	20.50	23.00	33.90	36.80
North Atlantic.....	17.50	19.10	24.50	27.50	19.10	21.20	30.30	33.40
Ohio.....	17.20	19.40	25.10	28.00	22.80	25.60	33.00	36.90
Indiana.....	17.10	19.20	25.30	27.90	24.20	26.90	29.00	32.40
Illinois.....	17.10	19.10	25.00	28.20	23.80	26.80	28.20	32.40
Michigan.....	17.00	19.40	24.20	26.70	20.70	24.20	28.30	32.00
Wisconsin.....	17.10	19.40	22.70	26.30	18.50	21.10	31.30	34.50
East North Central.....	17.10	19.30	24.90	27.90	22.50	25.30	31.10	34.40
Minnesota.....	17.80	19.80	25.20	27.50	22.80	24.50	30.20	34.40
Iowa.....	17.70	19.80	26.30	29.10	25.20	27.80	27.40	30.90
Missouri.....	16.50	18.90	25.40	28.40	23.90	27.00	26.10	30.20
North Dakota.....	16.60	19.00	24.60	27.20	22.50	25.20	28.80	32.80
South Dakota.....	16.60	18.60	25.50	28.20	24.00	26.50	29.00	32.90
Nebraska.....	17.30	19.00	25.90	28.70	25.00	27.80	28.40	32.80
Kansas.....	17.00	19.00	24.90	27.90	23.30	26.10	26.60	30.80
West North Central.....	17.20	19.30	25.60	28.40	24.20	26.80	27.90	31.90
Delaware.....	16.30	18.60	24.70	27.40	18.70	21.20	31.80	34.70
Maryland.....	16.90	19.10	24.90	27.70	20.20	22.80	33.00	35.50
Virginia.....	16.30	18.40	22.00	23.70	19.30	21.30	31.00	33.10
West Virginia.....	15.30	17.20	22.60	25.40	19.40	21.60	29.70	32.80
North Carolina.....	17.00	19.10	21.60	25.40	19.10	21.80	29.30	32.70
South Carolina.....	17.00	18.40	22.10	25.30	19.50	22.00	26.80	30.80
Georgia.....	16.70	18.50	22.80	25.40	20.20	22.30	24.80	29.90
Florida.....	17.80	20.00	23.90	26.30	21.60	23.90	25.80	30.20
South Atlantic.....	16.90	18.80	22.90	25.40	20.20	22.40	27.40	31.20
Kentucky.....	16.40	18.70	23.90	27.00	22.00	24.60	31.20	33.90
Tennessee.....	15.90	17.80	23.30	26.00	20.70	22.90	28.00	32.40
Alabama.....	16.40	18.80	23.30	26.50	21.00	23.80	25.50	29.90
Mississippi.....	16.50	18.10	23.50	26.00	20.10	22.10	26.00	30.50
Arkansas.....	16.60	18.30	23.40	27.00	21.00	24.00	26.40	31.00
Louisiana.....	16.70	18.80	24.30	26.80	19.80	22.20	25.90	29.80
Oklahoma.....	16.70	18.50	24.80	28.20	23.00	26.10	27.30	31.30
Texas.....	16.70	18.60	24.90	28.60	21.80	26.00	26.20	31.00
South Central.....	16.60	18.50	24.40	28.00	21.80	25.20	26.60	30.90
Montana.....	17.90	20.80	24.50	27.50	22.80	25.70	29.20	32.70
Idaho.....	17.50	19.30	25.30	28.10	23.00	25.70	29.00	31.90
Wyoming.....	17.30	19.40	25.40	28.00	23.80	26.00	29.50	33.90
Colorado.....	17.10	19.60	26.50	29.60	25.90	29.10	29.00	33.40
New Mexico.....	16.40	19.00	25.10	28.50	24.40	27.60	28.10	31.30
Arizona.....	16.60	19.10	25.40	28.90	24.70	28.20	26.70	30.60
Utah.....	16.60	19.70	24.00	27.00	21.40	24.40	27.90	31.20
Nevada.....	16.50	19.20	24.00	27.80	21.50	25.50	27.60	30.90
Washington.....	16.60	18.80	24.60	27.00	23.20	25.50	28.90	32.60
Oregon.....	16.70	18.30	24.50	27.60	22.30	25.20	26.80	30.10
California.....	17.40	19.70	26.20	28.50	25.20	27.60	26.60	29.00
Western.....	17.20	19.60	25.70	28.60	24.50	27.40	27.60	31.70
Alaska.....	16.00	17.70	26.80	29.60	21.80	24.20	22.80	31.70
Hawaii.....	14.70	16.30	23.20	24.70	21.00	22.50	.....	.....
United States.....	17.00	19.10	25.30	28.30	23.40	26.20	27.60	31.50

See footnotes at end of table.

Table 495.—Livestock: Average price per 100 pounds received by farmers, by States, 1968 and 1969—Continued

State and division	Hogs <sup>1</sup>		Sheep		Lambs	
	1968	1969	1968	1969	1968	1969
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Maine.....	17.40	20.60	6.70	7.10	22.70	23.00
New Hampshire.....	17.60	20.70	6.70	7.10	23.80	24.10
Vermont.....	18.00	21.20	6.70	7.10	23.70	24.00
Massachusetts.....	17.50	20.80	6.50	6.90	24.90	25.20
Rhode Island.....	17.80	21.10	6.50	6.90	24.90	25.20
Connecticut.....	18.10	21.20	6.50	6.90	24.90	25.20
New York.....	19.00	22.40	7.10	7.60	24.00	26.30
New Jersey.....	19.40	22.30	8.80	9.20	24.30	27.30
Pennsylvania.....	19.70	22.50	7.00	7.60	24.10	26.40
North Atlantic.....	19.20	22.20	6.95	7.50	24.00	26.10
Ohio.....	19.10	22.50	7.00	7.80	24.40	26.80
Indiana.....	18.70	22.50	6.80	8.00	24.50	26.90
Illinois.....	18.60	22.20	5.80	6.90	24.00	26.40
Michigan.....	19.00	22.40	7.30	8.40	24.40	27.20
Wisconsin.....	18.30	21.90	5.30	6.70	23.30	26.50
East North Central.....	18.70	22.30	6.42	7.44	24.20	26.70
Minnesota.....	18.50	22.30	6.50	7.80	25.30	27.50
Iowa.....	18.60	22.20	6.10	7.10	25.00	26.80
Missouri.....	18.60	22.40	6.20	7.40	24.70	27.10
North Dakota.....	18.00	21.70	5.40	6.40	23.40	26.10
South Dakota.....	18.10	21.90	5.60	6.70	24.50	26.70
Nebraska.....	18.30	22.20	5.80	7.80	25.50	28.00
Kansas.....	18.20	22.10	5.90	7.00	25.70	27.30
West North Central.....	18.50	22.20	5.83	7.08	24.90	27.00
Delaware.....	19.60	22.40	6.50	7.00	24.00	27.30
Maryland.....	19.40	22.30	6.60	7.00	24.20	27.30
Virginia.....	19.00	22.20	6.00	6.40	24.00	27.00
West Virginia.....	19.10	21.70	5.80	6.90	24.30	26.60
North Carolina.....	18.30	21.70	5.80	6.10	23.40	24.60
South Carolina.....	17.80	20.80	5.70	6.30	22.00	24.50
Georgia.....	18.10	21.80	5.50	6.30	21.00	25.50
Florida.....	17.60	21.00	5.50	7.00	20.00	25.00
South Atlantic.....	18.30	21.70	5.93	6.63	24.10	26.80
Kentucky.....	18.60	22.00	6.40	7.60	24.30	27.40
Tennessee.....	18.40	21.90	6.60	7.30	22.90	27.00
Alabama.....	17.60	20.80	5.50	6.50	21.00	26.00
Mississippi.....	18.00	21.30	5.50	6.50	21.00	26.00
Arkansas.....	18.30	20.80	7.00	8.00	22.00	25.00
Louisiana.....	17.90	21.00	7.70	8.20	20.60	23.30
Oklahoma.....	18.20	21.60	6.90	7.20	24.60	25.60
Texas.....	18.10	21.60	9.00	11.30	22.50	26.40
South Central.....	18.20	21.50	8.66	10.90	22.70	26.40
Montana.....	18.40	21.40	6.30	7.30	23.80	27.50
Idaho.....	18.60	21.70	5.80	6.60	24.10	27.60
Wyoming.....	17.40	21.40	6.10	6.90	24.40	27.00
Colorado.....	19.10	23.10	6.20	7.30	26.20	29.00
New Mexico.....	18.30	22.00	7.70	8.10	23.90	27.70
Arizona.....	18.60	23.00	6.40	7.40	25.80	28.10
Utah.....	18.60	21.60	6.00	7.30	23.50	27.10
Nevada.....	18.00	20.90	5.70	7.50	23.20	26.30
Washington.....	19.60	21.90	6.10	6.20	22.70	27.40
Oregon.....	19.30	22.20	5.70	6.70	23.90	26.20
California.....	18.90	22.50	5.40	7.50	24.50	27.40
Western.....	18.80	22.20	6.13	7.18	24.60	27.60
Alaska.....	32.50	33.80	25.00	25.00	25.00	35.00
Hawaii.....	33.80	35.80				
United States.....	18.50	22.20	6.55	7.94	24.40	27.20

<sup>1</sup> Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacement.

<sup>2</sup> Weighted average of prices for cows, and for steers and heifers with allowance, where necessary, for sale of bulls.

<sup>3</sup> The marketing year for hogs has been changed from a calendar year basis to a December through November basis.

Statistical Reporting Service.

Table 496.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1967-69

State and division	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>3</sup>			Shorn wool production			Price per pound <sup>4</sup>			Value of production <sup>5</sup>		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Maine.....	18	17	16	7.5	7.4	7.2	135	126	115	49	46	46	66	58	53
New Hampshire.....	4.8	5.2	5.4	7.1	7.1	7.0	34	37	38	44	42	43	15	16	16
Vermont.....	6.8	6.5	6.5	8.2	8.1	8.0	56	53	52	46	42	42	26	22	22
Massachusetts.....	9.5	9.3	9.5	7.3	7.0	6.9	69	65	66	45	41	42	31	27	28
Rhode Island.....	1.8	1.7	1.9	7.2	7.3	6.9	13	12	13	45	41	42	6	5	5
Connecticut.....	4.8	5.1	5.4	7.3	7.2	7.0	35	37	38	45	40	41	16	15	16
New York.....	90	91	89	8.1	8.0	7.6	725	728	679	41	40	41	297	291	278
New Jersey.....	8.6	8.0	7.8	7.4	7.8	7.9	64	62	62	45	39	46	29	24	29
Pennsylvania.....	162	158	156	7.5	7.4	7.4	1,215	1,169	1,154	42	40	42	510	468	485
North Atlantic.....	306	302	297	7.67	7.58	7.45	2,346	2,289	2,217	42.5	40.5	42.0	996	926	932
Ohio.....	692	697	678	8.8	8.6	8.3	6,106	5,996	5,646	39	35	37	2,381	2,099	2,089
Indiana.....	273	262	247	8.0	8.0	7.8	2,176	2,095	1,921	35	31	33	762	649	634
Illinois.....	363	384	359	7.9	7.4	7.5	2,854	2,826	2,689	34	32	34	970	904	914
Michigan.....	255	253	240	8.6	8.5	8.4	2,193	2,163	2,017	37	35	37	811	757	746
Wisconsin.....	146	141	139	8.1	8.1	8.1	1,188	1,145	1,124	34	34	35	404	389	393
East North Central.....	1,729	1,737	1,663	8.40	8.19	8.06	14,517	14,225	13,397	36.7	33.7	35.6	5,328	4,798	4,776
Minnesota.....	592	503	456	8.0	8.1	8.1	4,722	4,053	3,716	37	33	35	1,747	1,337	1,301
Iowa.....	855	832	771	8.1	8.1	8.0	6,927	6,703	6,148	35	33	35	2,424	2,212	2,152
Missouri.....	328	294	264	8.1	8.0	8.2	2,672	2,354	2,155	34	33	34	908	777	733
North Dakota.....	354	338	301	9.8	9.7	9.8	3,483	3,280	2,948	38	36	38	1,324	1,181	1,120
South Dakota.....	1,214	1,133	1,065	9.5	9.6	9.4	11,537	10,925	9,958	42	41	42	4,846	4,479	4,182
Nebraska.....	392	368	360	8.0	7.7	7.8	3,150	2,840	2,800	33	33	35	1,040	937	980
Kansas.....	394	373	352	8.4	8.5	8.4	3,322	3,182	2,944	31	31	35	1,030	986	1,030
West North Central.....	4,129	3,841	3,569	8.67	8.68	8.59	35,813	33,337	30,669	37.2	35.7	37.5	13,319	11,909	11,498
Delaware.....	2.4	1.9	1.8	7.1	6.8	7.2	17	13	13	45	37	41	8	5	5
Maryland.....	17	17	17	7.1	6.9	7.1	121	117	121	46	38	40	56	44	48
Virginia.....	196	195	183	6.2	6.3	6.4	1,218	1,228	1,171	49	41	44	597	503	515
West Virginia.....	164	165	162	5.9	5.9	6.0	968	973	972	48	40	42	465	389	408
North Carolina.....	19	18	17	7.0	6.7	6.8	133	121	116	42	36	40	56	44	46
South Carolina.....	2.4	1.8	1.4	7.1	6.7	6.8	17	12	10	39	40	39	7	5	4
Georgia.....	5.5	5.4	5.1	6.3	6.7	6.8	35	36	35	42	36	41	15	13	14
Florida.....	5.1	5.5	5.3	6.5	6.1	5.7	33	34	30	36	36	38	12	12	11
South Atlantic.....	411	409	393	6.18	6.19	6.29	2,542	2,534	2,468	47.8	40.1	42.6	1,216	1,015	1,051

Kentucky	135	115	95	7.2	7.3	7.2	972	840	684	41	35	37	399	294	253
Tennessee	60	48	41	5.8	5.8	5.9	348	278	242	42	37	40	146	103	97
Alabama	7.0	6.2	5.7	6.0	6.4	6.3	42	40	36	39	35	39	16	14	14
Mississippi	18	16	15	5.0	4.8	4.8	90	77	72	38	32	36	34	25	26
Arkansas	8.7	7.7	6.7	7.1	6.8	6.7	62	52	45	33	32	33	20	17	15
Louisiana	28	25	22	4.7	4.9	4.9	132	122	108	36	31	35	48	38	38
Oklahoma	121	113	109	8.4	8.4	8.1	1,017	949	884	29	31	34	295	294	301
Texas	4,993	4,419	4,029	7.4	7.5	7.4	36,998	33,363	29,717	41	46	49	15,169	15,347	14,561
South Central	5,371	4,750	4,323	7.38	7.52	7.35	39,661	35,721	31,788	40.7	45.2	48.1	16,127	16,132	15,305
Montana	1,134	1,075	1,017	9.9	10.1	9.7	11,277	10,848	9,891	46	45	45	5,187	4,882	4,451
Idaho	696	712	676	10.6	10.8	10.7	7,346	7,679	7,216	40	40	42	2,938	3,072	3,031
Wyoming	1,768	1,736	1,719	10.8	10.2	10.2	19,020	17,690	17,456	40	43	43	7,608	7,607	7,506
Colorado	1,271	1,182	1,148	9.0	8.8	8.8	11,501	10,455	10,077	38	39	40	4,370	4,077	4,051
New Mexico	884	806	774	9.6	9.1	9.2	8,462	7,374	7,096	39	43	44	3,300	3,171	3,122
Arizona	482	461	489	7.2	7.4	7.3	3,480	3,433	3,570	34	35	36	1,183	1,202	1,285
Utah	1,009	1,013	1,004	10.1	9.9	9.6	10,232	10,006	9,604	41	42	43	4,195	4,203	4,130
Nevada	212	209	188	9.8	10.0	9.9	2,082	2,090	1,861	42	43	44	874	899	819
Washington	164	162	138	9.2	9.1	9.2	1,517	1,383	1,266	39	39	40	592	539	506
Oregon	577	603	560	8.3	8.0	7.9	4,800	4,834	4,452	40	38	40	1,920	1,837	1,781
California	1,858	1,750	1,606	7.6	7.7	7.8	14,077	13,429	12,528	42	41	42	5,912	5,506	5,262
Western	10,055	9,699	9,319	9.33	9.20	9.12	93,794	89,221	85,017	40.6	41.5	42.3	38,079	36,995	35,924
48 States	22,001	20,738	19,564	8.58	8.55	8.46	188,673	177,327	165,556	39.8	40.5	42.0	75,065	71,775	69,486
Alaska	21	23	23	11.7	11.5	11.7	246	264	269	40	35	35	98	92	94
United States	22,022	20,761	19,587	8.58	8.55	8.47	188,919	177,591	165,825	39.8	40.5	42.0	75,163	71,867	69,580

<sup>1</sup> Includes sheep shorn at commercial feeding yards.

<sup>2</sup> Preliminary.

<sup>3</sup> For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.

<sup>4</sup> Monthly price weighted by monthly sales of wool. U.S. average prices weighted by sales were as follows: 1968, 40.5; 1969, 41.8.

<sup>5</sup> Production multiplied by annual average price.

Statistical Reporting Service.

WOOL

339

Table 497.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1955-69<sup>1</sup>

Year	Sheep and lambs shorn <sup>2</sup>	Weight per fleece	Shorn wool production	Price per pound <sup>3</sup>	Value of production <sup>4</sup>	Pulled wool production	
						Average weight per skin	Total
	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	1,000 pounds
1955	28,149	8.57	241,284	42.7	103,040	3.53	41,600
1956	28,469	8.51	242,177	44.3	107,233	3.44	40,500
1957	28,415	8.41	239,101	53.4	127,764	3.31	33,600
1958	29,403	8.29	243,713	36.4	88,632	3.32	30,400
1959	30,763	8.45	259,939	43.2	112,328	3.33	34,500
1960	31,081	8.54	265,277	42.0	111,142	3.26	33,600
1961	30,454	8.51	259,161	42.9	111,445	3.25	34,500
1962	29,193	8.45	246,656	47.7	117,579	3.30	29,900
1963	27,264	8.53	232,446	48.5	112,426	3.32	28,800
1964	25,455	8.34	212,333	53.2	112,877	3.41	25,100
1965	23,756	8.48	201,463	47.1	94,999	3.37	23,300
1966	22,923	8.51	195,053	52.1	101,204	3.43	24,100
1967	22,022	8.58	188,919	39.8	75,163	3.44	22,400
1968	20,761	8.55	177,591	40.5	71,867	3.43	20,500
1969 <sup>5</sup>	19,587	8.47	165,825	41.8	69,580	3.46	17,100

  

Year	Total wool production	Apparel wool (clean content)				Carpet wool imports for consumption (clean content) <sup>7</sup>
		Domestic production <sup>6</sup>	Exports, domestic wool	Imports for consumption <sup>7</sup>	Total new supply <sup>8</sup>	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1955	282,884	137,365	83	112,764	250,046	135,979
1956	282,677	136,933	214	103,828	240,547	143,053
1957	272,701	130,404	2,225	78,207	206,386	120,996
1958	274,113	130,034	5,039	67,081	192,076	122,587
1959	294,439	140,248	9	100,517	240,756	191,642
1960	298,877	144,575	60	74,266	218,781	153,904
1961	293,661	142,497	316	90,318	232,499	157,335
1962	276,536	133,411	124	125,780	259,067	143,460
1963	261,246	126,201	175	109,196	235,222	167,962
1964	237,433	119,581	116	98,415	217,880	113,932
1965	224,763	113,084	<sup>9</sup> 617	162,637	275,104	108,943
1966	219,153	110,609	86	162,537	273,060	114,625
1967	211,319	106,444	102	109,071	215,413	78,205
1968	198,091	99,656	543	129,787	228,900	119,626
1969 <sup>5</sup>	182,925	91,565	196	93,523	184,892	95,664

<sup>1</sup> Includes Alaska and Hawaii for exports and imports of apparel and carpet wool since they were granted statehood. Beginning 1961, includes Alaska for sheep shorn, weight per fleece, production, price, and value of production.

<sup>2</sup> Includes sheep shorn at commercial feeding yards.

<sup>3</sup> Average price relates to April-March marketing season for 1955-62, April-December for 1963, and calendar year from 1964 to date.

<sup>4</sup> Production by States multiplied by annual average price.

<sup>5</sup> Preliminary.

<sup>6</sup> Conversion factors from grease basis to clean basis are as follows: Shorn wool production—44 percent, 1955-59; 45 percent, 1960-63; and 47.7 percent, 1964 to date; pulled wool production—75 percent, 1955-63; and 72.9 percent, 1964 to date.

<sup>7</sup> Apparel wool includes all dutiable wool; carpet wool includes all duty-free wool.

<sup>8</sup> Production minus exports plus imports; stocks not taken into consideration.

<sup>9</sup> Beginning 1965, includes carpet wool exports.

Statistical Reporting Service and Economic Research Service. Imports and exports from Foreign Commerce and Navigation of the United States and other reports of the U.S. Department of Commerce. Data for 1940-54 in *Agricultural Statistics, 1967*, table 509.

Table 498.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1960-69<sup>1</sup>

Item	1960	1961	1962	1963	1964 <sup>2</sup>	1965	1966	1967	1968	1969 <sup>2,3</sup>
Apparel wool: <sup>4</sup>										
Woolen system: <sup>5</sup>	<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>
60's and finer	46.5	51.7	51.3	45.0	38.6	41.3	34.5	30.4	29.9	29.6
50's up to 60's	53.5	49.2	49.1	48.6	44.6	52.6	54.3	50.6	47.0	44.0
48's and coarser	13.6	11.8	9.5	8.2	9.0	7.7	7.4	6.3	6.7	6.3
Total	113.6	112.6	109.9	101.8	92.2	101.6	96.2	87.3	83.6	79.9
Worsted system:										
60's and finer	73.3	92.9	102.8	80.3	74.6	102.7	103.2	82.9	89.7	82.8
50's up to 60's	53.0	51.3	61.1	60.8	57.3	<sup>6</sup> 70.4	67.2	58.4	65.0	57.1
48's and coarser	6.5	6.3	6.4	8.5	9.8					
Total	132.8	150.5	170.3	149.6	141.7	173.1	170.4	141.4	154.7	139.9
Total apparel:										
60's and finer	119.8	144.6	154.1	125.3	113.3	144.0	137.7	113.3	119.6	112.4
50's up to 60's	106.5	100.5	110.2	109.4	101.8	<sup>6</sup> 130.7	128.8	115.3	112.0	101.1
48's and coarser	20.1	18.0	16.0	16.7	18.3					
Total	246.4	263.1	280.2	251.3	233.9	274.7	266.6	228.7	238.3	219.8
Carpet wool <sup>7</sup>	164.6	149.1	148.9	160.4	122.7	112.3	103.6	83.9	91.4	94.1

<sup>1</sup> Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes (2) on the worsted system when entering scouring bowls. Consumption on the worsted system is taken as the sum of top and noil production.

<sup>2</sup> 53 weeks.

<sup>3</sup> Preliminary.

<sup>4</sup> Domestic and duty-paid foreign.

<sup>5</sup> Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

<sup>6</sup> Beginning 1965, 50's up to 60's and 48's and coarser combined.

<sup>7</sup> Duty-free foreign.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 499.—Wool: Price-support operations, United States, 1960-70

Marketing year <sup>1</sup>	Shorn wool price per pound		Payment rate		Marketings covered by payments <sup>4</sup>		Amount of payments <sup>5</sup>		
	Support	Season average received by producers	Average for shorn wool per pound <sup>2</sup>	Unshorn lambs per cwt. <sup>3</sup>	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
			Cents						
1960	62	42.0	20.0	80	255	1,391	49.9	9.6	59.5
1961	62	42.9	19.1	76	260	1,438	47.8	9.1	56.9
1962	62	47.7	14.3	57	237	1,350	32.8	6.4	39.2
1963	62	48.5	13.5	54	170	1,034	22.1	5.1	27.2
1964	62	53.2	8.8	35	198	1,240	16.7	3.6	20.3
1965	62	47.1	14.9	60	195	1,207	28.1	6.1	34.2
1966	65	52.1	12.9	52	169	1,186	21.2	5.1	26.3
1967	66	39.8	26.2	105	189	1,150	47.8	9.9	57.7
1968	67	40.5	26.5	106	175	1,099	44.5	9.5	54.0
1969 <sup>6</sup>	69	41.8	27.2	109	157	999	40.9	9.0	49.9
1970	72								

<sup>1</sup> Years beginning Apr. 1 for 1960-62, 9-month period beginning Apr. 1 for 1963, and calendar years for 1964 to date.

<sup>2</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of shorn wool.

<sup>3</sup> For unshorn lambs sold.

<sup>4</sup> Unadjusted for weight of unshorn lambs purchased.

<sup>5</sup> Payments for wool produced during the year shown but made after the close of the marketing year.

<sup>6</sup> Preliminary, except support price.

Agricultural Stabilization and Conservation Service. Data for 1955-59 in *Agricultural Statistics, 1969*, table 750.

Table 500.—Wool: Average price per pound, clean basis, Boston and British Dominion, 1960-69

Year	Boston			British Dominion			
	Territory <sup>1</sup>		Fleece $\frac{3}{8}$ blood good French combing and staple <sup>2,3</sup>	Australian 64's, 70's good topmaking (in bond, American yield)	Bradford grade (combing)		
	Fine good French combing and staple <sup>2</sup>	$\frac{3}{8}$ blood good French combing and staple <sup>2</sup>			64's	56's	
	Cents	Cents	Cents	Cents	Cents	Cents	
1960	116	110	107	117	104	89	
1961	118	107	103	111	105	88	
1962	125	112	109	116	109	88	
1963	133	120	118	129	124	103	
1964	140	130	129	139	122	107	
1965	125	121	119	116	107	90	
1966	135	125	117	126	118	99	
1967	122	98	91	115	108	85	
1968	121	96	84	118	105	78	
1969	122	96	86	117	98	74	

<sup>1</sup> Wools grown in the range areas of Washington, Oregon, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Nebraska, Kansas, and Oklahoma. These wools vary considerably in shrinkage and color.

<sup>2</sup> Open market prices.

<sup>3</sup> Wools grown east of the Mississippi River and in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, Minnesota, Iowa, and Missouri.

Economic Research Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 513.



Table 501.—Wool: Production in specified countries, greasy basis, average 1961-65, annual 1968 and 1969<sup>1</sup>

Continent and country	Average 1961-65	1968	1969 <sup>2</sup>	Continent and country	Average 1961-65	1968	1969 <sup>2</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
North America:				U.S.S.R. (Europe and Asia)	794.2	910.5	881.8
Canada	6.7	3.5	3.0	Africa:			
Mexico	12.7	11.0	10.8	Algeria	19.0	19.0	19.0
United States <sup>4</sup>	278.6	212.6	200.0	Morocco	31.1	33.1	34.0
Other countries	3.3	2.8	2.8	Tunisia	9.0	9.0	9.0
Total	301.3	229.9	216.6	United Arab Republic	5.4	5.5	5.5
South America:				South Africa, Republic of <sup>5</sup>	348.1	340.5	332.5
Argentina	437.6	449.7	445.3	Other countries	15.0	15.5	15.5
Brazil	61.7	78.5	79.6	Total	427.6	422.6	415.5
Chile	52.3	56.0	55.5	Asia:			
Falkland Islands	4.7	4.5	4.5	Iran	39.7	43.0	43.7
Peru	23.4	21.6	21.0	Iraq	23.0	29.0	30.0
Uruguay	188.7	165.3	165.0	Syria	20.7	28.0	28.0
Other countries	16.5	16.7	16.7	Turkey (Europe and Asia)	93.9	103.6	105.8
Total	784.9	792.3	787.6	India	76.2	81.6	79.4
Europe:				Japan	3.3	0.7	0.5
France	61.3	66.6	68.2	Pakistan	33.2	46.0	45.0
Germany, West	9.3	7.3	7.7	Other countries	205.5	239.5	241.5
Greece	18.7	17.6	17.0	Total	495.5	571.4	573.9
Ireland	25.9	22.4	22.0	Oceania:			
Italy	30.7	29.4	29.8	Australia	1,720.5	1,938.7	1,997.7
Norway	8.6	11.4	11.0	New Zealand	628.4	731.7	735.0
Portugal	28.2	31.0	30.6	Total	2,348.9	2,670.4	2,732.7
Spain	80.6	76.1	77.7	World total	5,756.2	6,228.1	6,230.1
United Kingdom	128.9	127.0	124.0				
Other countries	13.8	15.0	15.0				
Total Western Europe	406.0	403.8	403.0				
Bulgaria	53.3	63.9	59.5				
Germany, East	16.8	17.2	17.2				
Hungary	21.2	22.0	22.0				
Poland	17.2	19.4	19.4				
Romania	51.5	62.8	61.7				
Yugoslavia	28.4	30.9	28.0				
Other countries	9.4	11.0	11.2				
Total Eastern Europe	197.8	227.2	219.0				
Total Europe	603.8	631.0	622.0				

<sup>1</sup> Includes shorn, pulled wool, and wool exported on skins, with the latter two converted to a greasy basis. Wool produced in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere.

<sup>2</sup> Preliminary.

<sup>3</sup> Does not include pulled wool.

<sup>4</sup> Pulled wool converted to greasy basis using 1.7 conversion factor.

<sup>5</sup> Includes Republic of South Africa, Lesotho, and South West Africa.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 502.—Wool (actual weight): International trade, average 1961–65, annual 1966 and 1967<sup>1</sup>

Country	Average 1961–65		1966		1967 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
North America:						
Canada	3,294	18,535	1,901	19,436	2,610	17,157
Mexico	0	21,473	0	25,500	0	23,509
United States	2,270	343,962	2,86	375,960	2,102	249,506
Total	3,564	383,970	1,987	420,896	2,712	296,172
South America:						
Argentina	282,799	0	315,280	0	248,050	0
Brazil	15,112	2,353	42,549	205	45,137	1,550
Chile	15,260	1,763	12,392	2,039	11,698	3,300
Colombia	0	9,877	0	14,129	0	7,195
Falkland Islands	4,879	0	4,900	0	0	0
Peru	6,066	11	6,005	88	5,536	128
Uruguay	107,110	0	90,735	0	98,653	0
Total <sup>2</sup>	431,226	14,004	471,861	16,461	414,074	12,173
Europe:						
Austria	351	14,948	337	14,142	139	9,040
Belgium and Luxembourg	45,556	226,866	38,419	204,432	33,344	182,003
Denmark	1,705	6,391	1,587	6,534	1,652	7,014
Finland	10	3,283	10	3,805	10	4,570
France	76,495	354,986	79,286	346,369	66,403	275,978
Germany, West	9,956	225,195	11,540	215,640	9,460	181,730
Greece	443	4,436	19	5,706	20	6,457
Iceland	944	160	362	200	82	200
Ireland	22,778	12,091	21,092	12,494	19,334	12,132
Italy	7,311	282,858	6,041	300,522	4,608	292,862
Netherlands	10,632	31,615	11,612	35,357	12,114	27,888
Norway	2,701	3,292	4,264	3,276	4,182	3,662
Portugal	1,520	12,022	282	10,478	0	13,563
Spain	4,344	20,567	3,907	32,087	3,772	22,959
Sweden	1,606	10,904	1,464	8,847	1,402	8,715
Switzerland	862	14,678	1,245	11,469	1,076	12,960
United Kingdom	56,928	604,124	54,416	518,643	59,049	517,329
Total Western Europe <sup>3</sup>	243,842	1,828,416	235,883	1,730,001	216,932	1,579,053
Bulgaria	0	3,440	0	4,777	0	5,255
Czechoslovakia	0	46,720	0	46,297	0	37,500
Germany, East	0	50,500	0	41,462	0	42,400
Hungary	1,585	7,085	4,947	10,255	4,592	11,779
Poland	0	37,042	0	33,400	0	36,458
Romania	2,180	2,540	3,086	3,307	3,300	4,000
Yugoslavia	899	27,004	2,118	25,750	1,095	27,709
Total Eastern Europe <sup>3</sup>	4,664	174,331	10,151	165,248	8,987	165,101
Total Europe <sup>3</sup>	248,506	2,002,747	246,034	1,895,249	225,919	1,744,154
U.S.S.R. (Europe and Asia)	56,920	107,020	61,289	135,142	44,312	109,789
Africa:						
Algeria	337	660	350	1,080	634	1,057
Kenya	2,973	41	3,171	100	3,126	0
Libya	1,436	0	603	0	650	0
Morocco	3,449	458	1,945	511	1,235	578
South Africa, Republic of <sup>4</sup>	260,911	8,630	265,620	7,586	232,625	7,721
Tunisia	420	270	700	523	0	410
United Arab Republic	16	2,764	44	5,108	0	7,500
Total <sup>2</sup>	270,002	12,823	272,433	14,908	239,020	17,366

See footnotes at end of table.

Table 502.—Wool (actual weight): International trade, average 1961–65, annual 1966 and 1967—Continued

Country	Average 1961–65		1966		1967 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asia:						
Afghanistan .....	10,369	0	9,976	0	7,651	0
China:						
Mainland .....	34,452	32,118	42,414	15,292	21,119	11,017
Taiwan .....	0	3,056	0	11,433	38	0
Cyprus .....	1,084	0	6,626	0	6,245	0
Iran .....	7,419	4,031	3,332	9,369	3,926	17,014
Iraq .....	9,720	364	9,000	600		
India .....	24,630	14,328	22,619	17,419	19,857	30,756
Israel .....	120	2,162	48	4,010	26	4,923
Japan .....	880	520,477	800	633,141	548	596,869
Jordan .....	298	916	267	200	199	157
Korea, Republic of .....	0	5,374	0	3,353	0	4,700
Lebanon .....	7,796	5,046	8,852	9,137	14,676	10,974
Pakistan .....	25,574	1,320	15,840	3,000	21,019	2,000
Syria .....	12,566	265	17,536	500	16,127	
Turkey (Europe and Asia) .....	10,072	21,340	4,010	22,991	4,482	17,014
Total Asia <sup>2</sup> .....	144,980	610,797	141,320	730,445	124,913	711,524
Oceania:						
Australia .....	1,166,540	7,780	1,383,480	9,500	1,457,780	
New Zealand .....	553,520	1,800	623,800	1,400	453,400	
Total Oceania <sup>3</sup> .....	1,720,060	9,580	2,007,280	10,900	1,911,180	10,400
Grand total <sup>3,5</sup> .....	2,875,258	3,140,941	3,202,204	3,224,001	2,962,130	2,901,578

<sup>1</sup> Preliminary.

<sup>2</sup> Washed, scoured, or clean basis.

<sup>3</sup> Includes allowances for missing data for countries shown.

<sup>4</sup> Includes exports from South West Africa and Lesotho.

<sup>5</sup> Excludes wool on the skins, and re-exports where possible; imports in most cases refer to gross imports.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 503.—Wool: United States imports (for consumption), clean content, by country of origin, 1960–69<sup>1</sup>

Country of origin	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969 <sup>2</sup>
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
Dutiable:										
Argentina .....	7.0	6.0	10.1	12.8	12.0	17.6	21.4	8.4	8.3	3.7
Australia .....	26.5	30.0	51.6	44.4	43.6	71.5	65.8	54.8	58.7	50.5
New Zealand .....	9.5	10.6	16.0	16.1	15.5	20.6	25.0	18.8	23.1	17.6
South Africa, Rep. of .....	17.2	25.7	29.7	19.6	18.0	21.7	21.6	15.0	16.9	10.4
Uruguay .....	10.2	13.7	12.7	11.8	2.7	22.4	18.8	5.6	13.5	7.3
Other .....	3.9	4.3	5.7	4.5	6.6	9.0	10.0	6.5	9.3	4.0
Total .....	74.3	90.3	125.8	109.2	98.4	162.6	162.5	109.1	129.8	93.5
Duty-free:										
Argentina .....	45.8	47.6	47.4	41.7	23.2	20.4	33.5	25.9	34.2	20.4
India .....	5.0	4.1	1.3	1.4	4.3	.9	1.3	.3		.1
Iraq .....	7.5	7.0	5.4	6.6	5.1	3.2	1.8	.4	.5	.6
New Zealand .....	45.8	52.1	49.8	66.4	46.2	56.1	52.1	31.0	55.1	52.8
Pakistan .....	11.6	14.9	12.0	10.7	6.4	6.2	3.6	3.3	4.3	3.3
Syria .....	7.2	5.2	3.3	5.6	4.7	2.5	4.1	1.9	1.8	1.3
Other .....	31.0	26.4	24.3	35.6	24.0	19.6	18.2	15.4	23.7	17.2
Total .....	153.9	157.3	143.5	168.0	113.9	108.9	114.6	78.2	119.6	95.7
Grand total .....	228.2	247.7	269.2	277.2	212.3	271.6	277.2	187.3	249.4	189.2

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 504.—Wool: United States imports (for consumption), clean content, by grades, 1960-69<sup>1</sup>

Grade	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969 <sup>2</sup>
Dutiable:	<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>
56's and finer	55.9	72.0	95.3	79.2	67.8	119.2	117.7	77.0	91.5	69.7
46's to 56's	6.7	7.2	12.2	13.9	11.4	24.5	21.2	19.8	22.8	12.5
40's to 46's	3.2	3.7	6.1	5.0	5.7	6.4	9.6	3.8	4.5	3.3
Not finer than 40's	7.0	5.4	9.7	9.9	11.3	11.4	12.2	7.0	9.7	7.2
Named and similar wools	1.3	1.8	2.3	1.1	2.2	1.1	1.8	1.4	1.2	.8
Carbonized	.1	.2	.2	.1	.1	.5	.6	.3	.3	.4
Total	74.3	90.3	125.8	109.2	98.4	162.6	162.5	109.1	129.8	93.5
Duty-free:										
Named and similar wools	51.5	46.3	34.5	41.3	31.5	22.9	20.8	11.7	15.4	11.2
Other wools										
Not finer than 40's	85.2	86.6	60.0	63.8	47.3	47.1	40.2	29.9	51.3	53.3
40's to 44's	13.9	16.5	23.6	26.8	19.4	25.2	38.4	27.3	37.5	23.4
44's to 46's	3.3	8.0	25.3	36.0	15.6	13.7	15.2	9.2	15.4	7.7
Total	153.9	157.3	143.5	168.0	113.9	108.9	114.6	78.2	119.6	95.7

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 505.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1955-69<sup>1</sup>

Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>	Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1955	2,984	5.7	16,926	82.2	13,913	1963	4,363	6.6	29,007	88.1	25,562
1956	3,151	5.8	18,201	84.4	15,359	1964	4,568	6.5	29,736	94.3	28,053
1957	3,231	5.9	19,053	83.7	15,953	1965	4,803	6.7	32,420	65.5	21,251
1958	3,417	6.1	20,825	72.2	15,026	1966	4,659	6.3	29,576	53.7	15,896
1959	3,755	6.4	24,151	96.5	23,301	1967	4,113	6.6	27,127	40.9	11,100
1960	3,888	6.3	24,467	89.7	21,937	1968	3,966	6.6	26,022	45.2	11,754
1961	4,021	6.6	26,411	85.6	22,615	1969 <sup>4</sup>	3,220	6.6	21,203	65.1	13,808
1962	4,236	6.4	27,215	71.4	19,430						

<sup>1</sup> Includes Missouri, Texas, New Mexico, Arizona, Utah, Oregon, and California.

<sup>2</sup> 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.

<sup>3</sup> Production multiplied by price per pound.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 517

Table 506.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, by States, 1967-69

State	Goats clipped <sup>1</sup>			Average clip per goat			Mohair production		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<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>
Missouri.....	25	23	20	4.8	4.7	4.6	120	108	92
Texas.....	3,928	3,784	3,046	6.7	6.7	6.7	26,335	25,272	20,493
New Mexico.....	61	61	55	4.2	4.1	3.9	259	249	214
Arizona.....	72	72	72	4.0	3.8	4.0	286	273	288
Utah.....	7	9	11	3.6	4.2	4.1	25	38	45
Oregon.....	11	10	10	4.4	4.0	3.8	48	40	38
California.....	9	7	6	6.0	6.0	5.5	54	42	33
Total.....	4,113	3,966	3,220	6.6	6.6	6.6	27,127	26,022	21,203

  

State	Price per pound			Value of production <sup>3</sup>		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	<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.....	35.0	37.0	50.0	42	40	46
Texas.....	41.0	45.3	65.9	10,797	11,448	13,505
New Mexico.....	36.0	43.0	42.0	93	107	90
Arizona.....	42.0	43.0	41.0	120	117	118
Utah.....	44.0	43.0	43.0	11	16	19
Oregon.....	38.0	31.0	35.0	18	12	13
California.....	35.0	34.0	53.0	19	14	17
Total.....	40.9	45.2	65.1	11,100	11,754	13,808

<sup>1</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

<sup>2</sup> Preliminary.

<sup>3</sup> Production multiplied by price per pound.

Statistical Reporting Service.

Table 507.—Mohair: Price-support operations, United States, 1960-70

Marketing year <sup>1</sup>	Price per pound		Average payment rate per pound <sup>2</sup>	Marketings covered by payments	Amount of payments <sup>3</sup>
	Support	Season average received by producers			
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million dollars</i>
1960.....	70	89.7			
1961.....	73	85.6			
1962.....	74	71.4	2.6	31.4	0.8
1963.....	76	88.1			
1964.....	72	94.3			
1965.....	72	65.5	6.5	29.7	1.9
1966.....	75.8	53.7	22.1	29.0	6.5
1967.....	76.4	40.9	35.5	32.1	11.5
1968.....	77.4	45.2	32.2	32.8	10.6
1969 <sup>4</sup> .....	77.4	65.1	12.3	15.7	1.9
1970.....	80.2				

<sup>1</sup> Years beginning Apr. 1 for 1960-62, 9-month period beginning Apr. 1 for 1963, and calendar years for 1964 to date.

<sup>2</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of mohair.

<sup>3</sup> Payments for mohair produced during the year shown but made after the close of the marketing year.

<sup>4</sup> Preliminary, except support price.

Agricultural Stabilization and Conservation Service. Data for 1955-59 in *Agricultural Statistics, 1969*, table 749.

Table 508.—Meats and lard: Production, by class of slaughter, United States, 1960-69<sup>1</sup>

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>2</sup>			Federally inspected	Other	Total <sup>2</sup>		
Beef						Pork, excluding lard				
	<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>	<i>Million pounds</i>
1960.....	11,442	2,932	14,374	354	9,149	9,149	1,714	10,863	735	11,598
1961.....	12,026	2,904	14,930	370	15,300	9,158	1,573	10,730	669	11,399
1962.....	11,984	2,947	14,931	367	15,298	9,672	1,557	11,229	590	11,819
1963.....	13,137	2,912	16,049	376	16,428	10,280	1,583	11,863	556	12,419
1964.....	15,103	2,934	18,037	392	18,429	10,445	1,574	12,019	484	12,503
1965.....	15,421	2,904	18,325	374	18,699	9,331	1,405	10,736	396	11,132
1966 <sup>3</sup> .....	16,220	3,272	19,493	201	19,694	9,662	1,468	11,130	198	11,328
1967.....	16,829	3,162	19,991	193	20,184	10,750	1,627	12,377	195	12,572
1968.....	17,850	2,812	20,662	180	20,842	11,330	1,536	12,867	188	13,055
1969.....	18,474	2,486	20,960	166	21,126	11,563	1,211	12,774	172	12,946
Veal						Lamb and mutton				
	<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>	<i>Million pounds</i>
1960.....	623	402	1,025	84	1,109	667	87	754	14	768
1961.....	586	374	960	84	1,044	716	102	818	14	832
1962.....	575	361	936	79	1,015	695	100	795	13	808
1963.....	513	334	847	82	929	668	89	757	13	770
1964.....	550	378	928	85	1,013	624	79	703	12	715
1965.....	572	364	936	84	1,020	576	63	639	12	651
1966 <sup>3</sup> .....	490	372	862	48	910	581	58	639	11	650
1967.....	423	326	749	43	792	574	62	636	10	646
1968.....	420	276	696	38	734	545	47	592	10	602
1969.....	400	241	640	33	673	510	30	540	10	550
All meat, excluding lard						Lard				
	<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>	<i>Million pounds</i>
1960.....	21,881	5,135	27,016	1,187	28,203	2,127	292	2,419	143	2,562
1961.....	22,486	4,953	27,438	1,137	28,575	2,118	266	2,384	130	2,514
1962.....	22,926	4,965	27,891	1,049	28,940	2,104	261	2,365	111	2,476
1963.....	24,598	4,918	29,516	1,030	30,546	2,117	256	2,373	100	2,473
1964.....	26,722	4,965	31,687	973	32,660	2,153	235	2,388	85	2,473
1965.....	25,900	4,736	30,636	866	31,502	1,772	208	1,980	65	2,045
1966 <sup>3</sup> .....	26,953	5,170	32,124	458	32,582	1,695	202	1,897	32	1,929
1967.....	28,576	5,177	33,753	442	34,195	1,835	208	2,044	32	2,076
1968.....	30,145	4,672	34,817	417	35,234	1,862	169	2,032	30	2,062
1969.....	30,945	3,968	34,913	381	35,295	1,755	125	1,879	25	1,904

<sup>1</sup> Excludes meat production in Alaska, Hawaii, and the Virgin Islands.<sup>2</sup> Totals are based on unrounded data.<sup>3</sup> Beginning in 1966, custom slaughter in plants for farmers is included in commercial meat production, and excluded from farm meat production.Statistical Reporting Service. Data for 1950-59 in *Agricultural Statistics, 1967*, table 519.

**Table 509.—Meats and meat food products: Quantity prepared and processed under Federal inspection, United States, 1967-69<sup>1</sup>**

Product	1967	1968	1969	Product	1967	1968	1969
	<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>
Meat placed in cure:				Frozen and unfrozen convenience foods.....	447,579	586,761	791,307
Beef.....	216,140	225,206	233,694	Canned products:			
Pork.....	3,370,586	3,542,646	3,680,921	Commercial.....	2,656,865	2,013,531	2,992,181
Other.....	7,458	9,384	11,603	Government.....	220,378	246,518	237,401
Smoked and/or dried:				Cutting and boning meats.....	17,231,686	17,845,838	18,280,442
Beef.....	90,741	76,368	68,561	Horse meat products....	10,227	63,091	84,085
Pork.....	2,569,876	2,833,146	3,033,404				
Cooked meat:				Total meat and meat food products.....	33,128,845	35,805,384	40,071,260
Beef.....	78,141	91,793	87,965				
Pork.....	221,165	189,344	147,667	Edible fats and oils:			
Other.....	5,220	12,348	25,834	Lard:			
Sausage:				Rendered.....	1,718,700	1,770,375	1,717,731
Fresh finished.....	343,273	373,629	428,015	Refined.....	1,208,743	1,262,420	1,256,663
Dried or semi-dried.....	174,020	193,902	194,087	Pork fat:			
Franks, wieners.....	900,044	1,009,357	1,067,843	Rendered.....	72,276	93,962	99,024
Bologna.....	466,110	487,518	591,612	Refined.....	36,030	49,660	47,437
Other smoked or cooked.....	463,873	483,898	583,283	Edible tallow.....	792,892	721,476	645,079
Loaf headcheese, chili, jellied products.....	252,304	258,029	272,781	Compound containing animal fat.....	1,060,284	1,128,268	1,116,122
Fresh or frozen:				Oleomargarine containing animal fat.....	225,556	242,567	223,627
Steaks, chops, roasts, bone-in and boneless cuts.....	967,886	1,565,065	4,057,218	Total fats and oils.....	5,109,481	5,268,728	5,105,683
Sliced meats:				Total all products.....	38,238,326	41,074,112	45,176,943
Bacon.....	1,155,738	1,304,297	1,361,457				
Other.....	593,310	646,268	706,542				
Hamburger.....	173,928	208,592	278,871				
Ground beef.....	323,008	387,386	539,579				
Miscellaneous meat products.....	189,289	251,469	314,907				

<sup>1</sup> All figures in this table do not represent production, as a product may be inspected more than once in the course of further manufacture, and some products may undergo further processing in plants not under Federal inspection. Compiled from weekly data.

Consumer and Marketing Service.

**Table 510.—Canned meat products: Quantity produced under Federal inspection, United States, 1967-69<sup>1</sup>**

Product	1967	1968	1969	Product	1967	1968	1969
	<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>
Luncheon meat.....	257,914	256,010	240,654	Soups.....	631,318	710,523	678,918
Canned hams.....	293,028	319,242	358,519	Tongue (other than pickled).....	1,408	1,008	1,010
Canned loins and picnics.....	35,818	34,259	22,080	Tripe.....	4,550	4,269	4,390
Deviled ham.....	12,343	13,340	15,746	Brains.....	2,489	2,171	1,686
Other potted or deviled meat food products.....	45,431	45,449	46,779	All other containing 20 percent or more meat and/or meat byproducts.....	211,015	244,256	210,219
Vienna sausage.....	86,960	93,840	98,325	All other containing less than 20 percent meat and/or meat byproducts.....	305,633	342,313	404,675
Franks, wieners.....	5,000	8,595	7,916	Government products.....	220,378	246,518	237,401
Sausage.....	7,450	6,938	6,753	Total.....	2,877,149	3,160,048	3,229,580
Sausage in oil.....	11,684	10,954	13,772				
Beef hash.....	75,444	89,204	80,308				
Chili con carne.....	200,470	229,185	236,619				
Chopped beef.....	8,347	6,088	4,858				
Tamales.....	37,126	38,617	39,530				
Meatstew (all products).....	169,733	176,803	194,883				
Spaghetti meat products.....	174,957	206,438	239,692				
Sliced dried beef.....	1,468	2,293	2,736				
Vinegar pickled products.....	24,823	26,445	33,785				
Hamburger, roasted or corned beef, meat and gravy.....	52,362	45,290	48,326				

<sup>1</sup> Meats canned under Federal inspection include the largest part of the canned meat produced in the United States. Net product weight, including weight of nonmeat ingredients of products, for civilian use only.

Consumer and Marketing Service.

Table 511.—Meat: Production by types in specified countries, average 1961-65, annual 1968 and 1969<sup>1</sup>

Continent and country	Beef and veal			Pork <sup>3</sup>			Mutton, lamb, and goat meat			Total meat production <sup>4</sup>		
	Average 1961-65	1968	1969 <sup>2</sup>	Average 1961-65	1968	1969 <sup>2</sup>	Average 1961-65	1968	1969 <sup>2</sup>	Average 1961-65	1968	1969 <sup>2</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
North America:												
Canada	1,618	1,990	1,915	1,002	1,181	1,096	30	20	16	2,650	3,191	3,027
Mexico	1,046	1,174	1,251	453	545	549	129	124	124	1,654	1,873	1,954
United States	17,862	21,610	21,843	11,863	13,063	12,949	755	602	548	30,480	35,275	35,340
South America:												
Argentina	4,913	5,613	6,063	384	416	410	344	467	428	5,767	6,686	7,049
Brazil	3,095	3,417	3,472	1,022	1,288	1,243	106	118	121	4,226	4,841	4,869
Chile <sup>5</sup>	318	364		94	104		74	93		486	561	
Colombia <sup>6</sup>	837	874	909	95			5	5	5	937	968	1,003
Paraguay <sup>5</sup>	256	234								256	234	
Peru	197	198	163	95	88	82	84	82	79	376	368	324
Uruguay	691	639	525	53	48	54	113	190	191	867	877	770
Venezuela	327	423	430	62	71	82	4	7	7	393	501	519
Europe:												
Austria <sup>7</sup>	302	347	343	540	575	593	3	3	3	855	929	943
Belgium and Luxembourg	482	545	564	508	772	776	6	8	16	1,026	1,345	1,379
Denmark	357	457	404	1,465	1,577	1,493	3	7	4	1,830	2,045	1,904
Finland	189	195	246	146	189	196	4	2	2	348	397	454
France	3,159	3,578	3,424	2,370	2,705	2,537	238	265	262	5,996	6,773	6,399
Germany, West	2,540	2,734	2,844	3,979	4,755	3,902	28	24	24	6,578	7,524	6,781
Greece	99	160	181	67	83	95	166	155	155	332	338	431
Ireland	274	425	437	262	270	307	99	97	92	639	801	844
Italy	1,388	1,728	1,764	887	952	1,209	86	93	93	2,477	2,845	3,138
Netherlands	590	628	627	923	1,308	1,296	18	19	17	1,551	1,966	1,952
Norway	124	116	127	121	136	144	34	38	38	285	295	314
Portugal	113	139		177	185		51	59		347	385	395
Spain	410	536	560	608	924	950	276	289	284	1,337	1,783	1,828
Sweden	330	346	364	448	502	514	4	7	7	800	866	894
Switzerland	248	283	275	291	416	426	7	7	7	546	706	708
United Kingdom	1,978	1,997	1,920	1,796	1,895	2,036	559	543	453	4,333	4,435	4,409
Bulgaria	155	239	216	270	352	317	134	194	174	559	785	707
Czechoslovakia	468	646	611	750	849	809	4			1,222	1,498	1,423
Germany, East	456	616	646	1,052	1,349	1,370	22	22	22	1,530	1,987	2,038
Hungary	236			632			19			899	994	994
Poland	878	1,172		1,826	1,958		58			2,805	3,235	3,338
Yugoslavia	533	760	787	844	890	834	117	138	148	1,501	1,791	1,771
U.S.S.R. (Europe and Asia)	6,520	10,120		6,250	6,780		1,870	1,760		14,640	18,660	
Africa and Asia:												
South Africa, Republic of	998	880	864	115	142	148	281	342	381	1,394	1,364	1,393
China (Taiwan)	14	20		485	711		1	2		500	733	746
Japan	400	353	474	649	1,147	1,113	5	3	3	1,100	1,534	1,615
Philippines	156	166	171	543	794	843	9	11	11	711	974	1,028
Turkey	322	364	376				1	654	671	693	976	1,035
Oceania:												
Australia <sup>8</sup>	1,941	1,993	2,056	257	330	359	1,310	1,465	1,488	3,508	3,788	3,903
New Zealand <sup>9</sup>	614	760	830	94	84	82	1,038	1,249	1,241	1,746	2,093	2,153
Total 42 countries <sup>10</sup>	57,434	69,109	70,098	43,478	50,283	49,348	8,748	9,265	9,139	110,433	129,339	129,254

<sup>1</sup> Carcass weight basis; excludes offals, rabbit, and poultry meat.<sup>2</sup> Preliminary.<sup>3</sup> Includes edible pork fat, but excludes lard and inedible greases.<sup>4</sup> Includes horse meat.<sup>5</sup> Excludes slaughter for farm use.<sup>6</sup> Excludes farm production except for pork.<sup>7</sup> Variety meats included.<sup>8</sup> Year ending June 30.<sup>9</sup> Year ending Sept. 30.<sup>10</sup> Includes allowances for missing data for countries shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 512.—Meat: United States exports by type of product, 1960-69

Year	Beef and veal				Pork							Sausage, Bologna, and frankfurters	Variety meats, fresh or frozen <sup>1</sup>	Other meats <sup>2</sup>	Total <sup>3</sup>
	Fresh or frozen	Canned	Pickled or cured	Lamb and mutton, fresh or frozen	Fresh or frozen	Hams and shoulders, cured or cooked	Bacon	Other pork, pickled, salted, or otherwise cured	Ham and shoulders, canned	Other pork, canned					
	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.	1,000 lb.	1,000 lb.	1,000 lb.
1960.	10,194	2,088	17,108	1,494	22,547	13,787	14,151	14,255	750	3,875	3,486	121,080	3,869	228,684	
1961.	10,627	1,653	17,626	1,616	38,141	7,346	5,585	15,251	575	1,422	3,342	123,874	2,403	229,461	
1962.	9,856	2,196	15,061	2,188	35,408	5,811	5,300	15,632	426	1,102	2,376	125,101	2,400	222,857	
1963.	8,760	2,134	16,425	1,013	105,718	7,069	6,023	17,065	769	1,482	2,579	158,993	2,170	330,200	
1964.	35,347	2,573	19,325	1,252	96,158	9,758	5,928	17,886	1,357	1,901	4,843	231,437	2,802	430,567	
1965.	33,750	( <sup>4</sup> )	10,442	1,176	26,836	5,960	5,187	6,867	( <sup>5</sup> )	2,804	3,915	223,129	11,843	331,508	
1966.	17,981	( <sup>4</sup> )	10,852	1,608	29,610	6,079	5,289	6,871	( <sup>5</sup> )	3,036	3,560	213,328	11,688	309,902	
1967.	17,805	( <sup>4</sup> )	13,467	1,833	30,697	4,665	4,771	7,402	( <sup>5</sup> )	3,015	3,512	222,317	12,808	322,292	
1968.	15,728	( <sup>4</sup> )	11,302	1,902	62,482	3,973	4,445	11,682	( <sup>5</sup> )	2,524	4,344	225,249	12,694	356,309	
1969.	16,773	( <sup>4</sup> )	8,926	1,432	121,612	8,646	3,568	9,155	( <sup>5</sup> )	2,154	4,741	239,894	13,041	429,940	

<sup>1</sup> Edible animal organs.<sup>2</sup> Includes sausage ingredients, cured (excluding canned); meat and meat products, canned (n.e.s.); and baby food, canned. Beginning 1965, includes canned beef and veal and canned and frozen meat specialties.<sup>3</sup> May not add due to rounding.<sup>4</sup> Included in other meats.<sup>5</sup> Included in other pork, canned.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-59 in *Agricultural Statistics, 1967*, table 523.

Table 513.—Meat: United States imports, product weight basis, by country of origin, 1969

Country of origin	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Other meats, n.s.p.f.	Variety meats, fresh or frozen	Total <sup>5</sup>
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>		Fresh and frozen, including pork sausage	Hams, shoulders, and bacon <sup>3</sup>	Other pickled or salted <sup>3</sup>	Sausage, except fresh <sup>4</sup>			
	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
Argentina.		78,675	51,366			140		1	120	353	130,302
Australia.	490,134	13	947	73,938	11	157			1,318	353	566,872
Brazil.		21,158	13,184							6	34,347
Canada.	43,905	44	38	659	43,168	5,022	586	1,126	95	3,042	97,686
Costa Rica.	35,712									11	35,723
Czechoslovakia.			18			1,915	341	9			2,282
Denmark.		60	125			99,326	6,930	10,230	10,177	5	126,853
France.			3			10		1	1,010		1,025
Germany, West.		8	40			1,568	275	649	190		2,730
Guatemala.	23,867		18								23,884
Honduras.	20,813									211	21,024
Ireland.	65,973		10		69	105	3		5		66,165
Italy.										377	66,872
Mexico.	66,479		1			9			6		248,466
New Zealand.	223,620	14	56	23,394		7			80	1,295	85,775
Netherlands.		10	28			80,735	4,729	137	135		41,649
Nicaragua.	40,582		770						3	294	12,226
Paraguay.		12,226									54,056
Poland.		37				42,925	10,667		427		5,596
United Kingdom.	5,225	37	4			288	1	1	41		4,743
Uruguay.		4,743									12,334
Yugoslavia.		498				11,067	818				12,334
Other.	15,984	90	88	95	8	1,104	61	221	412	47	18,110
Total.	1,032,294	117,613	66,696	98,086	43,256	244,378	24,411	12,375	14,019	5,641	1,658,764

<sup>1</sup> Includes boneless beef. <sup>2</sup> Includes pickled and cured. <sup>3</sup> Includes canned. <sup>4</sup> Includes mixed sausage. <sup>5</sup> May not add due to rounding.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 514.—Meat: United States imports by type of product, 1960-69

Year	Beef and veal			Lamb, mutton, and goat (fresh or frozen)	Pork				Other meats <sup>5</sup>	Variety meats, fresh or frozen	Total
	Fresh or frozen <sup>1</sup>	Canned beef and sausage	Other prepared and preserved <sup>2</sup>		Fresh and frozen, including pork sausage	Hams, shoulders, and bacon <sup>3</sup>	Other pickled or salted <sup>3</sup>	Sausage, except fresh <sup>4</sup>			
	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
1960....	413,824	76,534	22,247	49,739	38,357	118,557	12,680	1,720	.....	1,751	735,409
1961....	569,004	95,234	24,811	55,843	36,559	120,383	15,167	1,709	.....	1,956	920,666
1962....	860,040	83,706	23,652	78,128	40,458	136,993	24,580	1,757	.....	3,060	1,252,374
1963....	985,342	113,455	22,845	81,791	37,104	147,937	23,656	3,857	.....	4,976	1,420,963
1964....	706,458	83,573	10,362	44,743	39,460	150,998	18,494	6,210	6,847	1,769	1,068,914
1965....	585,482	92,754	22,717	42,463	48,210	189,296	23,031	6,790	11,906	2,243	1,024,891
1966....	764,840	93,583	34,850	75,428	42,325	220,489	33,201	8,325	18,125	3,332	1,294,498
1967....	841,754	97,973	39,293	66,551	47,513	225,312	31,748	8,555	14,465	3,509	1,376,673
1968....	940,385	117,976	69,679	84,902	48,781	241,561	31,646	9,679	11,967	3,802	1,560,385
1969....	1,032,294	117,613	66,696	98,086	43,256	244,378	24,411	12,375	14,019	5,641	1,658,764

<sup>1</sup> Includes boneless beef.

<sup>2</sup> Includes pickled and cured.

<sup>3</sup> Includes canned.

<sup>4</sup> Includes mixed sausage.

<sup>5</sup> Mostly mixed luncheon meats; not reported separately prior to 1964.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-59 in *Agricultural Statistics, 1967*, table 525.

Table 515.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1968 and 1969

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1968	1969	1968	1969	1968	1969
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	274,675	296,497	285,927	256,323	15,308	14,139
February.....	275,588	281,189	289,103	249,274	14,940	10,417
March.....	253,614	270,965	291,820	264,291	12,883	9,479
April.....	225,135	274,580	305,542	270,217	12,843	12,201
May.....	215,230	266,591	354,900	323,957	12,459	16,906
June.....	193,600	247,007	387,304	298,723	11,738	15,758
July.....	199,089	230,893	326,000	245,708	12,426	12,946
August.....	214,086	238,858	245,030	196,235	12,191	12,456
September.....	231,350	266,850	196,434	168,284	10,534	15,215
October.....	241,689	304,049	197,060	173,932	11,855	16,022
November.....	265,951	334,544	222,422	201,541	12,919	17,037
December.....	296,322	333,248	236,863	220,575	14,756	17,343

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 516

<sup>1</sup> Carcass weight equivalent; excludes fat, offals, and live animals.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes an allowance for any missing data for countries shown.

<sup>4</sup> Less than 50,000 pounds.

<sup>5</sup> Year ending June 30.

<sup>6</sup> Year ending Sept. 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 516.—Meat: International trade, selected countries, average 1961-65, annual 1967 and 1968<sup>2</sup>

Continent and country	Average 1961-65		1967		1968 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
<b>North America:</b>						
Canada	103.8	142.0	100.3	175.0	133.4	226.4
Dominican Republic	.9		.9		11.9	
Honduras	12.8	.2	19.2	.3	18.9	.3
Mexico	90.0	.3	79.4	.4	114.4	.4
United States	141.6	1,614.5	102.7	1,855.7	134.3	2,097.8
Costa Rica	18.9		29.6		49.1	
Guatemala	13.8		26.7		24.8	
Nicaragua	29.6		44.6		52.1	
<b>Total<sup>3</sup></b>	<b>411.4</b>	<b>1,757.0</b>	<b>403.4</b>	<b>2,031.4</b>	<b>538.9</b>	<b>2,324.9</b>
<b>South America:</b>						
Argentina	1,439.5		1,874.6		1,562.5	
Brazil	94.3		76.6	( <sup>4</sup> )	201.6	
Chile	2.8	18.8				
Paraguay	51.8		57.5		47.6	
Peru		15.0		43.0		
Uruguay	225.2		135.8		264.9	
Venezuela		16.0		11.4		
<b>Total<sup>3</sup></b>	<b>1,813.6</b>	<b>49.8</b>	<b>2,145.7</b>	<b>78.5</b>	<b>2,077.8</b>	
<b>Europe:</b>						
Austria	5.8	17.9	12.5	26.3	7.5	14.5
Belgium and Luxembourg	62.5	133.9	184.5	192.2	231.2	195.1
Denmark	1,287.3	1.4	1,510.7	4.7	1,517.2	6.6
Finland	4.2	8.2	26.6	2.4	35.3	2.8
France	309.7	259.5	298.4	408.4	421.0	488.0
Germany, West	47.0	433.7	56.0	499.6	117.6	631.0
Greece	.1	107.1	( <sup>4</sup> )	208.9	( <sup>4</sup> )	215.6
Ireland	326.2	( <sup>4</sup> )	512.1		461.3	4.4
Italy	30.3	508.1	27.7	975.9	18.4	751.3
Netherlands	503.3	101.3	644.5	152.1	819.5	188.2
Norway	8.9	10.7	2.8	16.6	2.2	20.8
Portugal	2.4	25.9	1.0	74.6		40.0
Spain	2.1	132.5	7.5	258.2	5.9	263.2
Sweden	75.1	51.6	142.0	64.7	131.2	61.1
Switzerland	8.5	96.4	9.8	122.3	29.1	111.8
United Kingdom	33.8	3,380.5	48.0	3,253.1	29.6	3,259.6
Bulgaria	21.7	15.9				
Czechoslovakia	14.7	183.0				
Germany, East	32.1	217.6	36.0	145.2		
Hungary	106.1	70.5		124.1		
Poland	357.6	74.7	371.4	94.7	375.8	175.1
Yugoslavia	355.7	2.4	324.4	72.1	288.2	12.3
<b>Total<sup>3</sup></b>	<b>3,575.1</b>	<b>5,832.8</b>	<b>4,435.8</b>	<b>6,925.5</b>	<b>4,726.9</b>	<b>6,936.1</b>
<b>U.S.S.R. (Europe and Asia)</b>	<b>251.8</b>	<b>270.7</b>	<b>445.0</b>	<b>54.1</b>	<b>347.9</b>	
<b>Africa:</b>						
Ghana		18.0		16.6		
Kenya	24.9	.7	29.3	.8		
South Africa, Republic of	62.2	2.4	87.7	50.2	55.3	46.2
<b>Total<sup>3</sup></b>	<b>87.1</b>	<b>21.1</b>	<b>117.0</b>	<b>67.6</b>		
<b>Asia:</b>						
Hong Kong	.2	31.4	( <sup>4</sup> )	57.9	( <sup>4</sup> )	75.5
Israel		34.6		52.2		70.7
Japan	.3	141.5	.9	296.8	1.2	359.8
Malaysia	( <sup>4</sup> )	8.6	( <sup>4</sup> )	10.3	( <sup>4</sup> )	
Philippines		33.6		26.9		48.6
Singapore	5.0	19.3	6.5	21.5		
<b>Total<sup>3</sup></b>	<b>5.5</b>	<b>269.0</b>	<b>7.4</b>	<b>465.6</b>	<b>9.3</b>	<b>599.6</b>
<b>Oceania:</b>						
Australia <sup>5</sup>	1,198.2	2.7	1,301.6	.1	1,362.9	3.3
New Zealand <sup>6</sup>	1,167.3		1,247.3		1,380.9	
<b>Total</b>	<b>2,365.5</b>	<b>2.7</b>	<b>2,548.9</b>	<b>.1</b>	<b>2,743.8</b>	<b>3.3</b>
<b>Total selected countries<sup>3</sup></b>	<b>8,510.0</b>	<b>8,203.1</b>	<b>10,103.2</b>	<b>9,622.8</b>	<b>10,529.2</b>	<b>10,269.3</b>

See footnotes on page 352.

Table 517.—Meats and lard: Production and civilian consumption, United States, 1954-69<sup>1</sup>

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		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>
1954.....	12,963	12,743	80.1	1,647	1,591	10.0	734	730	4.6
1955.....	13,569	13,313	82.0	1,578	1,531	9.4	758	753	4.6
1956.....	14,462	14,121	85.4	1,632	1,572	9.5	741	735	4.5
1957.....	14,202	14,242	84.6	1,526	1,481	8.8	707	709	4.2
1958.....	13,330	13,786	80.5	1,186	1,150	6.7	698	719	4.2
1959.....	13,580	14,202	81.4	1,008	990	5.7	738	830	4.8
1960.....	14,753	15,147	85.0	1,109	1,039	6.1	768	852	4.8
1961.....	15,327	15,902	87.7	1,044	1,021	5.6	832	923	5.1
1962.....	15,324	16,326	88.8	1,015	1,003	5.5	808	949	5.2
1963.....	16,456	17,612	94.3	929	913	4.9	770	908	4.8
1964.....	18,456	18,899	99.8	1,013	990	5.2	715	794	4.2
1965.....	18,727	19,060	99.3	1,020	992	5.2	651	716	3.7
1966.....	19,726	20,140	104.0	910	881	4.5	650	771	4.0
1967.....	20,219	20,793	105.2	792	749	3.8	646	759	3.9
1968.....	20,880	21,627	109.4	734	707	3.6	602	738	3.7
1969 <sup>2</sup> .....	21,158	22,095	110.7	673	659	3.4	550	687	3.4

  

Year	Pork (excluding lard)			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		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>
1954.....	9,870	9,549	60.0	25,214	24,613	154.7	2,330	1,627	10.2
1955.....	10,990	10,833	66.8	26,895	26,430	162.8	2,660	1,639	10.1
1956.....	11,200	11,125	67.3	28,035	27,553	166.7	2,757	1,623	9.8
1957.....	10,424	10,297	61.1	26,859	26,729	158.7	2,547	1,589	9.4
1958.....	10,454	10,325	60.2	25,658	25,980	151.6	2,426	1,640	9.6
1959.....	11,993	11,797	67.6	27,319	27,819	159.5	2,780	1,536	8.8
1960.....	11,607	11,566	64.9	28,237	28,658	160.8	2,562	1,358	7.6
1961.....	11,408	11,225	62.0	28,611	29,071	160.4	2,514	1,393	7.7
1962.....	11,927	11,671	63.5	28,974	29,949	163.0	2,476	1,314	7.1
1963.....	12,427	12,200	65.3	30,582	31,633	169.3	2,473	1,190	6.4
1964.....	12,513	12,361	65.3	32,697	33,044	174.5	2,473	1,193	6.3
1965.....	11,141	11,235	58.5	31,539	32,003	166.7	2,045	1,225	6.4
1966.....	11,339	11,243	58.0	32,625	33,035	170.5	1,929	1,071	5.5
1967.....	12,581	12,506	63.9	34,238	34,807	177.8	2,076	1,055	5.4
1968.....	13,063	13,034	66.0	35,279	36,106	182.7	2,059	1,106	5.6
1969 <sup>2</sup> .....	12,953	12,952	64.8	35,334	36,393	182.3	1,910	1,017	5.1

<sup>1</sup> Carcass weight equivalent: Dressed 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.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 528.

**Table 518.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1960-69<sup>1</sup>**

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork, excluding lard	All meat	Beef	Veal	Lamb and mutton	Pork, excluding lard	All meat
	<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>
1960.....	57	2	138	197	760	15	87	186	1,048
1961.....	58	2	139	199	1,021	16	101	187	1,325
1962.....	53	3	132	188	1,414	26	143	216	1,799
1963.....	54	1	208	263	1,651	26	145	225	2,047
1964.....	96	2	217	315	1,068	17	79	268	1,432
1965.....	97	4	150	231	923	19	72	333	1,347
1966.....	88	5	140	233	1,182	22	136	381	1,721
1967.....	94	6	146	246	1,313	15	121	392	1,841
1968.....	94	7	187	288	1,500	18	147	416	2,081
1969 <sup>2</sup> .....	87	6	236	329	1,615	25	153	409	2,202

<sup>1</sup> Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, and Guam; beginning 1965, includes Wake Island.

<sup>2</sup> Preliminary.

Economic Research Service. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce; those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks. Data for 1945-59 in *Agricultural Statistics, 1967*, table 529.

**Table 519.—Hides, packer: Average price per pound, Chicago, 1960-69**

Year	Steers				Cows			Bulls	
	Heavy native	Heavy 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>
1960.....	13.72	11.36	11.77	10.62	15.13	18.81	13.58	10.88	9.93
1961.....	14.91	12.73	13.00	11.95	16.02	19.54	14.78	11.09	10.17
1962.....	15.19	13.56	13.64	12.69	15.80	18.50	14.85	11.07	10.07
1963.....	11.23	9.76	9.74	8.86	11.80	12.83	10.54	8.00	7.00
1964.....	10.32	8.18	9.47	7.59	11.20	13.23	8.95	7.44	6.44
1965.....	13.93	12.07	12.39	11.58	14.00	15.60	12.57	9.17	8.17
1966.....	17.42	16.18	16.33	15.72	18.12	20.20	16.65	12.28	11.28
1967.....	11.73	.....	10.31	9.60	12.43	16.34	10.80	.....	.....
1968.....	11.84	.....	9.51	8.51	11.75	15.73	9.64	.....	.....
1969.....	14.38	.....	12.48	11.59	14.85	18.35	12.95	.....	.....

Economic Research Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 530.

Table 520.—Hides and skins: United States imports and exports, 1960-69

Year	Imports				Exports			
	Calf and kip	Cattle <sup>1</sup>	Goat and kid	Sheep and lamb <sup>2</sup>	Calf	Kip	Cattle <sup>3</sup>	Sheep and lamb <sup>2</sup>
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1960.....	1,363	332	19,255	27,701	1,647	482	6,889	2,357
1961.....	1,425	294	14,740	27,903	1,992	556	7,646	2,416
1962.....	1,447	413	14,371	27,501	1,712	343	7,119	2,179
1963.....	1,912	360	14,774	26,310	1,604	253	7,971	2,881
1964.....	2,010	315	12,882	29,617	2,111	280	11,502	3,065
1965.....	1,065	302	14,412	29,821	1,985	474	13,309	2,876
1966.....	680	221	10,331	27,893	2,066	519	14,307	2,429
1967.....	838	233	7,109	20,300	1,950	495	11,852	3,758
1968.....	794	494	5,204	30,822	1,818	390	12,879	3,344
1969.....	692	276	5,066	20,715	1,240	414	14,801	3,931

<sup>1</sup> Beginning August 1963, excludes pieces of cattle hides reported in units of pounds.

<sup>2</sup> Includes cabretta and hair sheepskins.

<sup>3</sup> Beginning January 1967, excludes pieces of cattle hides reported in units of pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1945-59 in *Agricultural Statistics, 1967*, table 531.

Table 521.—Hides and skins: United States imports for consumption by country of origin, average 1961-65, annual 1968 and 1969

Country of origin	Average 1961-65	1968	1969 <sup>1</sup>	Country of origin	Average 1961-65	1968	1969 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: <sup>2</sup>				Goat and kid—Continued			
Canada.....	242	436	259	Brazil.....	2,065	1,794	1,718
Argentina.....	28	45	( <sup>3</sup> )	Peru.....	356	162	121
Brazil.....	1	0	( <sup>3</sup> )	Venezuela.....	2	0	0
Germany, West.....	6	6	7	British East Africa.....	182	0	0
Italy.....	4	0	0	Somali Republic.....	129	0	0
Netherlands.....	1	3	1	Ethiopia.....	933	156	120
Switzerland.....	6	2	0	Nigeria.....	2,696	750	1,237
Australia.....	28	0	0	South Africa, Republic of.....	34	14	13
New Zealand.....	2	0	( <sup>3</sup> )	Indonesia.....	566	673	378
Other countries.....	19	2	9	India.....	2,934	676	731
Total.....	337	494	276	Iran.....	993	363	299
Calf and kip:				Pakistan.....	1,854	4	1
Canada.....	366	333	359	Other countries.....	1,285	609	447
Denmark.....	10	50	32	Total.....	14,236	5,204	5,066
France.....	396	177	50	Sheep and lambs: <sup>4</sup>			
Germany, West.....	150	10	5	Argentina.....	447	775	208
Italy.....	102	13	0	Brazil.....	1,225	936	485
Netherlands.....	142	26	( <sup>3</sup> )	United Kingdom.....	351	454	164
Poland.....	131	13	77	South Africa, Republic of.....	258	191	35
Switzerland.....	99	20	27	Iran.....	3,479	3,486	2,654
India.....	11	1	17	Australia.....	355	250	195
New Zealand.....	93	86	15	New Zealand.....	17,862	21,295	14,027
Other countries.....	71	65	110	Other countries.....	4,253	3,435	2,947
Total.....	1,571	794	692	Total.....	28,230	30,822	20,715
Goat and kid:							
Haiti.....	1	0	0				
Argentina.....	206	3	1				

<sup>1</sup> Preliminary.

<sup>2</sup> Beginning August 1963, excludes pieces of cattle hides reported in units of pounds.

<sup>3</sup> Less than 500 pieces.

<sup>4</sup> Includes cabretta and hair sheepskins; beginning 1964, excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 522.—Hides and skins: United States exports by country of destination, average 1961-65, annual 1968 and 1969

Country of destination	Average 1961-65	1968	1969 <sup>1</sup>	Country of destination	Average 1961-65	1968	1969 <sup>1</sup>
Cattle hides: <sup>2</sup>	1,000 pieces	1,000 pieces	1,000 pieces	Calf skins:	1,000 pieces	1,000 pieces	1,000 pieces
Canada.....	669	1,051	1,014	Canada.....	250	274	246
Mexico.....	745	1,844	1,721	Mexico.....	49	48	16
France.....	84	303	263	France.....	41	5	5
Germany, West.....	879	792	761	Germany, West.....	115	189	64
Netherlands.....	1,187	598	538	Italy.....	396	339	154
Spain.....	173	323	262	Netherlands.....	176	104	47
Poland.....	78	238	274	Spain.....	49	128	108
Yugoslavia.....	107	147	272	Japan.....	588	511	456
U.S.S.R.....	379	383	1,227	Other countries.....	217	220	144
Turkey.....	208	110	124	Total.....	1,881	1,818	1,240
Japan.....	3,435	5,258	6,006	Kipskins:			
Other countries.....	1,476	1,832	2,339	Canada.....	50	126	134
Total.....	9,510	12,879	14,801	Mexico.....	23	6	5
Sheep and lamb skins:				Belgium.....	5	27	3
Canada.....	736	698	791	Germany, West.....	97	28	16
Mexico.....	103	68	41	Netherlands.....	37	28	33
Venezuela.....	220	159	178	Hungary.....	17	13	6
Germany, West.....	53	75	493	U.S.S.R.....	2	6	
Italy.....	87	161	321	Japan.....	80	81	118
United Kingdom.....	868	742	900	Other countries.....	70	75	99
Hungary.....	18	79	54	Total.....	381	390	414
U.S.S.R.....	0	766	0				
Other countries.....	598	596	1,154				
Total.....	2,683	3,344	3,931				

<sup>1</sup> Preliminary.<sup>2</sup> Beginning January 1967, excludes pieces of cattle hides reported in units of pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 523.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1960-69

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1960.....	19,394	55.6	5,260	21.4	14,036	83.5	68	1.2	66,153	115.5	54	0.4
1961.....	19,968	60.9	5,005	19.6	15,036	76.7	105	2.0	65,632	114.1	55	.5
1962.....	20,339	59.0	4,980	18.5	14,692	69.9	226	2.3	67,770	117.7	50	.3
1963.....	21,662	58.3	4,535	18.1	13,955	70.1	197	1.2	71,577	119.2	41	.4
1964.....	25,133	70.6	4,820	20.7	12,947	59.1	191	1.2	71,667	122.7	36	.3
1965.....	26,614	80.5	5,076	20.3	11,710	57.3	313	2.3	63,708	102.1	36	.4
1966.....	27,319	74.5	4,432	21.4	11,553	65.4	481	3.4	63,729	89.7	53	.5
1967.....	27,780	71.8	4,002	22.3	11,516	67.8	494	4.0	70,915	105.8	57	.3
1968.....	29,592	77.6	3,876	23.9	10,888	53.9	393	2.0	74,789	110.1	66	.5
1969.....	30,536	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	.4

<sup>1</sup> Condemnations do not include ante-mortem cases of parts of carcasses.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 534.

**Table 524.—Livestock and poultry on farms: Index numbers, United States, Jan. 1, 1955-70<sup>1</sup>**

[1957-59=100]

Year	Total livestock and poultry	Meat animals	Milk cattle	Poultry	Year	Total livestock and poultry	Meat animals	Milk cattle	Poultry
1955	104	103	111	100	1963	111	111	87	99
1956	104	104	107	98	1964	114	114	83	100
1957	100	100	105	102	1965	113	113	80	103
1958	98	98	100	97	1966	111	111	75	104
1959	102	102	95	101	1967	112	112	72	114
1960	104	104	93	96	1968	113	113	69	112
1961	104	104	92	98	1969	114	114	67	110
1962 <sup>2</sup>	108	108	90	99	1970 <sup>3</sup>	115	115	66	112

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.

<sup>2</sup> Beginning 1962, hogs and pigs data relate to Dec. 1 of preceding year.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1930-54 in *Agricultural Statistics, 1967*, table 536.

**Table 525.—Animal units fed on farms: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1955-69<sup>1</sup>**

Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>	Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>
	<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>		<i>1,000 units</i>	<i>1,000 units</i>	<i>1,000 units</i>
1955	103,993	91,808	96,012	1963	108,339	95,954	99,129
1956	101,573	88,510	92,924	1964	105,901	95,700	98,055
1957	99,986	87,029	91,521	1965	106,282	94,727	97,418
1958	104,568	88,745	94,143	1966	111,469	94,400	98,883
1959	103,598	90,081	94,267	1967	111,429	94,349	98,826
1960	104,702	90,482	94,838	1968	113,876	93,573	98,832
1961	105,985	91,989	96,109	1969 <sup>5</sup>	116,550	92,870	99,683
1962	108,982	94,152	98,239				

<sup>1</sup> Excludes Alaska and Hawaii. Includes poultry; excludes minor livestock on farms and livestock and poultry not on farms. Base period 1959-61.

<sup>2</sup> Livestock and poultry numbers weighted by all concentrates consumed.

<sup>3</sup> Livestock and poultry numbers weighted by all roughage (including pasture) consumed.

<sup>4</sup> Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.

<sup>5</sup> Preliminary.

Economic Research Service.

**Table 526.—Feed consumed by livestock and poultry: Quantity expressed in feed units, 1955-68<sup>1</sup>**

Year beginning October	Concentrates <sup>2</sup>	Harvested roughage	Pasture <sup>(3)</sup>	Total	Year beginning October	Concentrates <sup>2</sup>	Harvested roughage	Pasture <sup>(3)</sup>	Total
	<i>Million feed units</i>	<i>Million feed units</i>	<i>Million feed units</i>	<i>Million feed units</i>		<i>Million feed units</i>	<i>Million feed units</i>	<i>Million feed units</i>	<i>Million feed units</i>
1955	133	66	106	305	1962	163	69	122	354
1956	131	64	118	313	1963	161	71	128	360
1957	140	66	122	328	1964	158	72	137	367
1958	151	68	116	335	1965	174	75	153	402
1959	156	68	122	346	1966	173	76	154	403
1960	161	67	121	349	1967	175	76	158	409
1961	164	69	120	353	1968	185	77	154	416

<sup>1</sup> A feed unit is the equivalent in feeding value of a pound of corn (or a ton of corn if data are in tons).

<sup>2</sup> Includes skim milk, corn for forage, and seeds fed; excludes corn in silage.

<sup>3</sup> Beginning in 1965, feed from pasture was recalculated on the basis of new determinations of animal feed requirements by the National Research Council, National Academy of Sciences.

Economic Research Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 538.



Table 527.—Feed consumed by livestock and poultry: Feed, including pasture (expressed in feed units),<sup>1</sup> consumed per head or per unit of production, by different classes, 1955-68

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle, per head	Grain-fattened cattle, per head Jan. 1 <sup>2</sup>	Other beef cattle, per head	All beef cattle, per head	Cattle and calves, per 100 pounds produced <sup>3</sup>	Per head	Per 100 pounds produced <sup>4</sup>
	Per head	Per 100 pounds milk produced							
	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>
1955	5,901	109	3,800	5,390	3,134	3,354	904	648	1,278
1956	6,164	110	4,071	5,376	3,525	3,718	994	740	1,471
1957	6,543	114	4,244	5,904	3,678	3,903	1,036	776	1,489
1958	6,440	106	4,342	6,095	3,548	3,820	1,023	734	1,409
1959	6,848	109	4,542	6,138	3,521	3,823	1,051	755	1,519
1960	7,468	115	4,081	5,726	3,388	3,682	988	750	1,494
1961	7,465	112	4,202	6,110	3,338	3,672	996	734	1,486
1962	7,673	112	4,090	6,141	3,269	3,637	984	741	1,515
1963	7,802	109	4,276	6,464	3,331	3,714	992	761	1,530
1964	8,142	111	4,415	5,674	3,486	3,867	1,058	798	1,608
1965	9,267	122	4,433	6,834	3,531	3,947	1,066	949	1,887
1966	9,442	121	4,634	6,980	3,528	3,986	1,057	948	1,937
1967	9,839	122	4,514	7,337	3,599	4,095	1,073	975	1,921
1968 <sup>5</sup>	10,015	121	4,529	7,255	3,599	4,122	1,053	971	1,852

  

Year beginning October	Poultry								Hogs, per 100 pounds produced	Horses and mules 2 years and over, per head
	Hens and pullets <sup>6</sup>		Chickens raised <sup>6</sup>		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds produced	Per head	Per 100 pounds produced		
	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	<i>Feed units</i>	
1955	94	56	26	574	10.4	326	87	522	536	4,523
1956	95	57	27	567	10.3	318	95	573	516	4,729
1957	97	57	27	573	10.9	332	95	556	518	4,891
1958	96	56	28	592	10.4	315	88	520	548	4,729
1959	95	54	28	580	9.9	296	91	519	557	4,813
1960	94	53	28	581	9.8	287	104	599	571	4,875
1961	96	54	28	594	10.1	296	105	597	601	4,814
1962	93	53	28	596	10.3	297	111	620	574	4,793
1963	93	52	28	578	10.4	299	105	580	543	4,740
1964	89	51	29	594	9.8	282	102	566	545	4,868
1965	96	54	30	627	10.6	302	103	565	669	5,037
1966	94	55	30	613	10.8	305	100	538	672	5,040
1967	95	56	30	624	10.8	283	100	532	661	5,115
1968 <sup>5</sup>	95	55	31	624	9.8	261	105	555	713	4,900

<sup>1</sup> A feed unit is the equivalent of a pound of corn in feeding value (or a ton of corn if data are in tons).

<sup>2</sup> Feed consumed by all grain-fattened cattle divided by the number on feed Jan. 1.

<sup>3</sup> Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.

<sup>4</sup> For each 100 pounds live-weight production, about 19 pounds of wool was produced.

<sup>5</sup> Preliminary.

<sup>6</sup> This should not be used as a measure of increased efficiency of feeding, as much feed was salvaged from waste feed in the early years.

**Table 528.—High-protein feeds: Quantity available for feeding, high-protein feed-consuming animal units, and quantity per animal unit, United States, annual 1959-68**

Year beginning October	Quantity available for feeding <sup>1</sup>						Animal units fed annually <sup>(3)</sup>	Quantity per animal unit
	Oilseed meal			Animal protein	Grain protein	Total		
	Soybean meal	Other oilseed meals <sup>2</sup>	Total					
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Million units</i>	<i>Pounds</i>
1959.....	8,450	2,205	10,655	3,103	972	14,730	118.4	249
1960.....	8,837	2,422	11,259	3,281	947	15,487	121.8	254
1961.....	9,232	2,455	11,687	3,421	1,052	16,160	122.3	264
1962.....	9,556	2,420	11,976	3,543	1,069	16,588	125.0	265
1963.....	9,138	2,518	11,656	3,753	1,136	16,545	125.8	263
1964.....	9,236	2,568	11,804	3,557	1,181	16,542	125.8	263
1965.....	<sup>4</sup> 10,274	<sup>4</sup> 2,415	12,689	3,577	1,238	17,504	128.3	273
1966.....	10,820	1,741	12,561	3,950	1,250	17,761	133.0	267
1967 <sup>4</sup> .....	10,753	1,487	12,240	4,290	1,283	17,813	131.6	271
1968 <sup>5</sup> .....	11,525	1,995	13,520	3,843	1,298	18,661	133.9	279

<sup>1</sup> In terms of 44 percent protein soybean meal equivalent.

<sup>2</sup> Includes cottonseed, linseed, peanut, and copra meal.

<sup>3</sup> The following factors were used to calculate the high-protein animal units: Milk cows, 1.00; other dairy cattle, 1.28; cattle on feed, 0.58; other beef cattle, 2.39; sheep, 1.76; hogs, 0.73; hens and pullets, 1.42; chickens raised for replacements, 1.67; broilers, 3.15; turkeys, 2.42.

<sup>4</sup> Beginning 1965, includes 30,000 tons previously excluded for industrial uses and for fertilizer.

<sup>5</sup> Preliminary.

Economic Research Service.

**Table 529.—Hay: Supply and disappearance, total and per animal unit, and number of animal units fed annually, United States, 1960-69**

Year beginning May	Farm carryover May 1	Production	Total supply	Disap- pearance	Roughage- consuming animal units fed annually <sup>1</sup>	Supply per animal unit	Disappear- ance per animal unit
	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 units</i>	<i>Tons</i>	<i>Tons</i>
1960.....	17,099	118,158	135,257	112,020	90,482	1.49	1.24
1961.....	23,237	116,957	140,194	122,173	91,989	1.52	1.33
1962.....	18,021	121,759	139,780	116,666	94,152	1.48	1.24
1963.....	23,114	117,537	140,651	120,842	95,954	1.47	1.26
1964.....	19,809	118,778	138,587	122,020	95,700	1.45	1.28
1965.....	16,567	125,536	142,103	119,406	94,727	1.50	1.26
1966.....	22,697	121,027	143,724	121,792	94,400	1.52	1.29
1967.....	21,932	126,300	148,232	123,074	94,349	1.57	1.30
1968.....	25,158	125,522	150,680	126,807	93,573	1.61	1.36
1969 <sup>2</sup> .....	23,873	127,127	151,000	126,789	94,473	1.60	1.34

<sup>1</sup> For method of calculation see National and State Livestock-Feed Relationships, February 1970. Weights for United States numbers for current years on January 1, 1969, are as follows: Milk cows, 1.000; heifers and calves, 0.7922; cattle on feed 0.1248; other beef cattle, 0.7576; stock sheep, 0.1908; sheep and lambs on feed, 0.0005; horses and mules, 0.8683; hens and pullets, 0.0013; turkeys, 0.0030; goats clipped, 0.2023; hogs fed in year, 0.0720.

<sup>2</sup> Preliminary.

Economic Research Service.

Table 530.—Indexes of feed prices, United States, 1959-68

[1957-59=100]

Year beginning October	Prices received by farmers for feed grains <sup>1</sup>	Prices paid by farmers for feed <sup>2</sup>	High-protein feeds <sup>3</sup>			
			Five oilseed meals	Tankage, meat meal, and fish meal	Gluten feed, distillers' and brewers' dried grains	Eleven high-protein feeds
1959.....	95	98	102	82	95	97
1960.....	92	98	107	90	101	103
1961.....	97	99	114	97	99	110
1962.....	101	103	126	102	113	122
1963.....	102	103	125	99	104	119
1964.....	108	104	124	102	111	120
1965.....	109	106	142	123	122	137
1966.....	112	108	141	108	126	135
1967.....	98	102	138	103	114	130
1968.....	101	102	132	111	115	126

<sup>1</sup> Based on prices received by farmers for corn, oats, barley, and sorghum grain.<sup>2</sup> Based on prices paid by farmers for all feed purchased.<sup>3</sup> Based on wholesale prices at principal markets.Economic Research Service. Data for 1940-58 in *Agricultural Statistics, 1967*, table 542.

## CHAPTER VIII

### DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. The two distinct series of numbers of milk cows on farms included in this publication should not be confused. One series entitled "Cows and heifers 2 years old and over kept for milk, January 1" is an inventory number of this specific age-sex classification which is estimated as one of the major groups making up the total cattle population at the beginning of the year. The other series, identified as "Milk cows on farms," is an annual average number of milk cows during the year (excluding any not yet fresh) which is used in connection with determining milk production. More animals are represented in the first series than the latter because heifers 2 years of age which have not freshened are included.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; liquid and dried egg production; and the National Poultry Improvement Plan.

The estimates of chickens and turkeys on farms in census years differ from the census figures to the extent of the seasonal disappearance in numbers from January 1 to the average date of the enumeration. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

**Table 531.—Cows, heifers, and heifer calves kept for milk purposes: Number on farms Jan. 1, value, and number eliminated during year, United States, 1955-70<sup>1</sup>**

Year	Cows and heifers 2 years old and over kept for milk			Heifers 1 to 2 years old being kept for milk cows	Heifer calves under 1 year being kept for milk cows	Cows and heifers eliminated during year <sup>2</sup>
	Number	Value per head	Total value			
	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1955.....	23,462	134.00	3,148,392	5,786	6,094	6,336
1956.....	22,912	139.00	3,185,041	5,407	5,890	5,994
1957.....	22,325	147.00	3,291,347	5,267	5,699	6,327
1958.....	21,265	177.00	3,760,830	5,126	5,571	6,259
1959.....	20,132	221.00	4,451,485	5,050	5,526	5,655
1960.....	19,527	210.00	4,102,483	5,079	5,575	5,335
1961.....	19,271	208.00	4,004,567	5,016	5,446	5,324
1962.....	18,963	212.00	4,017,194	4,887	5,264	5,471
1963.....	18,379	206.00	3,784,498	4,708	4,935	5,440
1964.....	17,647	194.00	3,424,731	4,395	4,692	5,061
1965.....	16,981	188.00	3,186,783	4,149	4,420	5,143
1966.....	15,987	208.00	3,333,225	3,860	4,151	4,649
1967.....	15,198	247.00	3,761,068	3,636	4,089	4,190
1968.....	14,644	251.00	3,674,070	3,579	4,028	4,071
1969.....	14,152	269.00	3,809,120	3,525	3,939	3,802
1970 <sup>3</sup> .....	13,875	302.00	4,186,595	3,461	3,859	.....

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.

<sup>2</sup> Number of cows and heifers 2 years old and over Jan. 1, plus number of heifers 1 to 2 years old Jan. 1, less number of cows and heifers 2 years old and over on Jan. 1 of the following year.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1867-1954 in *Agricultural Statistics, 1967*, table 543.

Table 532.—Cows and heifers 2 years old and over kept for milk: Number on farms, and value, by States, Jan. 1, 1968–70

State and division	Number			Value per head			Total value		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>	<i>1,000</i> <i>dollars</i>
Maine	78	77	77	275.00	290.00	325.00	21,450	22,330	25,025
New Hampshire	44	43	43	300.00	320.00	340.00	13,200	13,760	14,620
Vermont	236	232	230	305.00	325.00	345.00	71,980	75,400	79,350
Massachusetts	78	75	72	320.00	335.00	360.00	24,960	25,125	25,920
Rhode Island	9	8	8	330.00	345.00	365.00	2,970	2,760	2,920
Connecticut	76	75	74	330.00	350.00	370.00	25,080	26,250	27,380
New York	1,172	1,132	1,127	320.00	335.00	345.00	375,040	379,220	388,815
New Jersey	90	82	80	340.00	365.00	375.00	30,600	29,930	30,000
Pennsylvania	823	815	807	315.00	340.00	355.00	259,245	277,100	286,485
North Atlantic	2,606	2,539	2,518	316.00	336.00	350.00	824,525	851,875	880,515
Ohio	529	503	493	255.00	270.00	315.00	134,895	135,810	155,295
Indiana	288	274	270	240.00	255.00	295.00	69,120	69,870	79,650
Illinois	378	363	359	250.00	265.00	305.00	94,500	96,195	109,495
Michigan	525	509	509	280.00	305.00	325.00	147,000	155,245	165,425
Wisconsin	2,147	2,094	2,082	275.00	300.00	340.00	590,425	628,200	701,080
East North Central	3,867	3,743	3,693	268.00	290.00	328.00	1,035,940	1,085,320	1,210,945
Minnesota	1,181	1,146	1,089	245.00	265.00	315.00	289,345	303,690	343,035
Iowa	644	605	568	235.00	260.00	305.00	151,340	157,300	173,240
Missouri	429	412	400	195.00	210.00	255.00	83,655	86,520	102,000
North Dakota	183	168	163	225.00	250.00	290.00	41,175	42,000	47,270
South Dakota	225	214	200	235.00	260.00	295.00	52,875	55,640	59,000
Nebraska	235	222	211	240.00	255.00	295.00	56,400	56,610	62,245
Kansas	240	230	224	225.00	245.00	285.00	54,000	56,350	63,840
West North Central	3,137	2,997	2,855	232.00	253.00	298.00	728,790	758,110	850,630
Delaware	17	16	16	250.00	280.00	300.00	4,250	4,480	4,800
Maryland	186	184	182	260.00	290.00	330.00	48,360	53,360	60,060
Virginia	264	253	245	195.00	205.00	235.00	51,480	51,865	57,575
West Virginia	77	72	69	170.00	175.00	210.00	13,090	12,600	14,490
North Carolina	218	211	207	175.00	185.00	205.00	38,150	39,035	42,435
South Carolina	82	76	74	170.00	170.00	190.00	13,940	12,920	14,060
Georgia	155	152	152	167.00	185.00	205.00	25,885	28,120	31,160
Florida	189	194	199	240.00	240.00	260.00	45,360	46,560	51,740
South Atlantic	1,188	1,158	1,144	202.00	215.00	242.00	240,515	248,940	276,320
Kentucky	421	400	388	200.00	210.00	235.00	84,200	84,000	91,180
Tennessee	375	352	345	175.00	185.00	210.00	65,625	65,120	72,450
Alabama	166	156	151	155.00	165.00	190.00	25,730	25,740	28,690
Mississippi	245	233	224	150.00	160.00	195.00	36,750	37,280	43,680
Arkansas	114	109	106	170.00	180.00	200.00	19,380	19,620	21,200
Louisiana	206	198	196	170.00	175.00	200.00	35,020	34,650	39,200
Oklahoma	171	166	161	185.00	200.00	230.00	31,635	33,200	37,030
Texas	398	374	381	185.00	195.00	230.00	73,630	72,930	87,630
South Central	2,096	1,988	1,952	177.00	187.00	216.00	371,970	372,540	421,060
Montana	51	49	47	215.00	240.00	280.00	10,965	11,760	13,160
Idaho	169	171	169	250.00	260.00	315.00	42,250	44,460	53,235
Wyoming	21	20	20	225.00	235.00	285.00	4,725	4,700	5,700
Colorado	109	110	112	215.00	230.00	260.00	23,435	25,300	29,120
New Mexico	40	39	39	215.00	215.00	260.00	8,600	8,385	10,140
Arizona	55	55	54	280.00	290.00	320.00	15,400	15,950	17,280
Utah	81	82	82	240.00	260.00	300.00	19,440	21,320	24,600
Nevada	15	15	15	255.00	275.00	300.00	3,825	4,125	4,500
Washington	210	201	200	245.00	290.00	325.00	51,450	58,290	65,000
Oregon	124	120	118	220.00	230.00	260.00	27,280	27,600	30,680
California	857	848	840	200.00	310.00	340.00	257,100	262,880	285,600
Western	1,732	1,710	1,696	268.00	283.00	318.00	464,470	484,770	539,015
48 States	14,626	14,135	13,858	251.00	269.00	302.00	3,666,210	3,801,555	4,178,485
Alaska	2.0	1.9	1.9	330.00	350.00	400.00	680	665	760
Hawaii	16	15	15	450.00	460.00	490.00	7,200	6,900	7,350
United States	14,644	14,152	13,875	251.00	269.00	302.00	3,674,070	3,809,120	4,186,595

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 533.—Heifers and heifer calves kept for milk cows: Number on farms, by States, Jan. 1, 1968–70

State and division	Heifers 1 to 2 years old kept for milk cows			Heifer calves under 1 year kept for milk cows		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Maine.....	23	24	24	24	24	23
New Hampshire.....	12	12	11	13	12	12
Vermont.....	47	52	50	52	54	51
Massachusetts.....	15	15	13	17	18	16
Rhode Island.....	1	1	1	2	2	2
Connecticut.....	17	17	17	19	19	19
New York.....	273	271	280	281	281	282
New Jersey.....	15	15	15	16	15	15
Pennsylvania.....	213	219	217	245	252	245
North Atlantic.....	616	626	628	669	677	665
Ohio.....	129	124	119	132	129	125
Indiana.....	73	71	69	84	76	73
Illinois.....	92	87	84	125	114	114
Michigan.....	145	139	135	160	152	151
Wisconsin.....	556	550	546	585	568	566
East North Central.....	995	971	953	1,086	1,039	1,029
Minnesota.....	318	320	302	335	326	313
Iowa.....	172	163	157	192	185	180
Missouri.....	104	105	105	128	128	128
North Dakota.....	34	31	30	43	40	38
South Dakota.....	40	40	39	61	58	55
Nebraska.....	46	44	43	55	53	53
Kansas.....	52	51	48	54	51	50
West North Central.....	766	754	724	868	841	817
Delaware.....	4	3	3	3	2	2
Maryland.....	39	40	40	42	40	41
Virginia.....	64	61	57	78	78	76
West Virginia.....	11	12	12	15	13	12
North Carolina.....	55	54	53	58	60	58
South Carolina.....	16	15	15	18	17	16
Georgia.....	40	38	38	46	44	44
Florida.....	25	24	24	27	27	27
South Atlantic.....	254	247	242	287	281	276
Kentucky.....	94	93	90	106	106	98
Tennessee.....	78	77	75	89	93	92
Alabama.....	44	40	39	45	43	41
Mississippi.....	64	64	62	76	72	70
Arkansas.....	24	23	22	30	28	29
Louisiana.....	47	44	41	57	54	49
Oklahoma.....	44	42	43	62	56	54
Texas.....	84	82	85	106	105	110
South Central.....	479	465	457	571	557	543
Montana.....	10	10	10	16	15	14
Idaho.....	54	54	53	66	65	64
Wyoming.....	4	4	4	4	4	4
Colorado.....	29	30	32	41	42	53
New Mexico.....	10	9	8	11	10	8
Arizona.....	11	11	11	13	13	13
Utah.....	23	24	25	26	26	28
Nevada.....	5	5	5	6	6	6
Washington.....	52	50	48	60	57	50
Oregon.....	36	35	34	51	49	48
California.....	231	226	223	249	252	236
Western.....	465	458	453	543	539	524
48 States.....	3,575	3,521	3,457	4,024	3,934	3,854
Alaska.....	.4	.4	.5	.4	.5	.6
Hawaii.....	3	4	4	4	4	4
United States.....	3,579	3,525	3,461	4,028	3,939	3,859

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 534.—Milk cow ratios: Concentrates and forage fed per cow and pasture condition, by States, 1968 and 1969

State and division	Grain and other concentrates fed during calendar year				Hay and silage fed during the October–May feeding period ending in the year shown <sup>1</sup>				Season average pasture condition, percent of normal	
	Per cow		Per 100 pounds of milk produced		Hay, per cow		Hay equivalent of all forage per cow <sup>2</sup>			
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Percent</i>	<i>Percent</i>
Maine.....	3,380	3,680	39	41					80	87
New Hampshire.....	3,510	3,740	38	39	2.7	2.7	3.7	3.8	85	86
Vermont.....	3,230	3,440	36	37					86	88
Massachusetts.....	4,030	4,240	40	41					78	85
Rhode Island.....	4,050	4,250	41	42	1.8	1.9	3.3	3.4	80	87
Connecticut.....	4,160	4,320	41	42					79	85
New York.....	3,440	3,730	35	37	2.7	2.7	4.2	4.3	90	89
New Jersey.....	4,000	4,190	39	40	1.8	1.9	3.8	4.0	73	83
Pennsylvania.....	3,990	4,180	42	43	1.8	1.8	3.0	3.0	82	87
North Atlantic.....	3,654	3,894	37.9	39.5	2.3	2.3	3.7	3.8	86	88
Ohio.....	3,800	4,030	40	42	2.2	2.3	3.6	3.8	91	89
Indiana.....	3,700	4,050	39	41	1.9	2.0	3.7	4.0	91	91
Illinois.....	3,670	3,870	39	40	2.0	2.1	3.3	3.6	88	90
Michigan.....	3,780	3,930	39	40	2.6	2.6	4.2	4.2	91	84
Wisconsin.....	3,470	3,700	36	38	2.7	2.7	4.3	4.4	91	80
East North Central.....	3,600	3,820	37.4	39.2	2.5	2.5	4.0	4.2	90	87
Minnesota.....	3,590	3,760	37	39	3.0	3.1	4.3	4.5	86	81
Iowa.....	3,730	3,900	41	43	2.4	2.6	3.4	3.7	85	90
Missouri.....	3,460	3,570	43	44	2.3	2.5	3.4	3.7	85	84
North Dakota.....	2,830	2,890	38	39	3.1	3.0	3.9	4.0	80	76
South Dakota.....	3,090	3,190	38	39	2.4	2.3	3.5	3.6	77	78
Nebraska.....	3,080	3,230	39	40	2.0	2.2	2.9	3.2	74	83
Kansas.....	3,240	3,430	40	42	2.2	2.2	3.5	3.5	76	89
West North Central.....	3,457	3,606	39.0	40.7	2.6	2.7	3.7	4.0	83	85
Delaware.....	3,840	3,980	43	44					74	86
Maryland.....	3,740	3,970	42	43	1.5	1.8	3.5	3.8	79	82
Virginia.....	2,900	3,160	38	39	1.4	1.6	3.3	3.6	83	88
West Virginia.....	2,220	2,430	35	37	2.1	1.9	3.6	3.6	85	84
North Carolina.....	3,210	3,430	42	44	1.0	1.0	3.0	3.1	80	88
South Carolina.....	3,360	3,540	47	49	1.0	1.0	3.0	3.1	74	82
Georgia.....	3,740	4,060	50	51	1.0	1.0	2.5	2.7	75	80
Florida.....	5,980	5,740	70	70	0.6	0.6	1.4	1.4	74	82
South Atlantic.....	3,726	3,911	47.3	48.3	1.2	1.3	2.9	3.0	78	84
Kentucky.....	2,940	3,070	43	44	1.7	1.6	2.5	2.5	88	88
Tennessee.....	2,960	3,150	46	47	1.4	1.5	2.1	2.3	76	80
Alabama.....	2,880	3,060	51	52	1.3	1.2	2.1	2.2	74	79
Mississippi.....	2,720	2,860	52	54	1.1	1.2	1.8	2.0	80	76
Arkansas.....	3,440	3,710	51	53	2.0	2.0	2.6	2.8	86	76
Louisiana.....	2,980	3,320	52	54	1.5	1.5	2.1	2.2	81	71
Oklahoma.....	4,140	4,290	50	51	2.3	2.4	2.9	3.0	84	83
Texas.....	4,080	4,420	50	52	2.2	2.4	2.5	2.7	84	73
South Central.....	3,271	3,489	48.4	49.9	1.7	1.8	2.3	2.5	82	78
Montana.....	2,400	2,550	31	32	3.5	3.6	3.9	4.2	83	82
Idaho.....	2,610	2,680	28	29	4.0	4.0	4.7	4.9	87	89
Wyoming.....	2,190	2,290	27	28	3.1	3.2	3.6	3.8	85	77
Colorado.....	3,240	3,350	38	39	3.1	3.1	4.3	4.3	73	83
New Mexico.....	2,740	3,000	33	35	3.3	3.2	4.3	4.3	76	80
Arizona.....	3,580	3,930	33	35	3.0	3.0	3.8	3.9	89	82
Utah.....	3,140	3,300	31	32	4.5	4.0	5.8	5.3	88	89
Nevada.....	3,210	3,330	32	33	4.2	4.4	4.7	5.0	82	92
Washington.....	3,150	3,460	30	32	2.8	2.8	3.8	3.9	87	85
Oregon.....	2,580	2,830	30	32	3.2	3.1	4.2	4.2	86	88
California.....	3,900	4,150	34	36	3.6	3.5	4.1	4.0	78	89
Western.....	3,404	3,627	32.7	34.4	3.5	3.4	4.3	4.2	82	85
United States.....	3,519	3,726	39.1	40.7	2.4	2.4	3.6	3.7	83	82

See footnotes on page 368.

Table 535.—Milk cow rations: Individual feeds as percentage of total concentrate rations fed to milk cows, by States, 1968 and 1969<sup>1</sup>

State and division	Corn		Oats		Barley		Sorghum grain		Commercial mixed feeds		Miscellaneous other	
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
	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.....	2	1	1	1					95	92	2	6
New Hampshire.....	1		1						94	97	4	3
Vermont.....	2	2	1						93	95	4	3
Massachusetts.....		2							92	89	8	9
Rhode Island.....									91	86	9	14
Connecticut.....	2	1							86	86	12	13
New York.....	17	16	8	8					65	67	10	9
New Jersey.....	22	20	3	4	4	6			65	63	6	7
Pennsylvania.....	40	38	11	11	4	4			32	34	13	13
North Atlantic.....	22.1	20.8	7.4	7.4	1.5	1.6			58.9	60.5	10.1	9.7
Ohio.....	68	66	12	12	1				11	12	8	10
Indiana.....	73	68	9	9	1				11	17	6	6
Illinois.....	72	72	11	12					10	10	7	6
Michigan.....	64	63	22	21	1	1			6	6	7	9
Wisconsin.....	54	57	26	25	1	1			9	8	10	9
East North Central.....	60.8	61.5	20.6	20.0	.9	.7			9.1	9.2	8.6	8.6
Minnesota.....	57	58	30	27		1			8	9	5	5
Iowa.....	73	77	15	12					10	8	2	3
Missouri.....	47	41	3	3	1	1	3	5	40	41	6	9
North Dakota.....	7	3	71	66	10	15			8	14	4	2
South Dakota.....	39	41	39	35	8	10	2	2	10	8	2	4
Nebraska.....	53	61	5	5			17	9	21	20	4	5
Kansas.....	17	17	2	1	4	3	51	48	13	17	13	14
West North Central.....	52.5	53.4	21.8	19.3	1.4	2.1	5.3	5.0	14.2	14.7	4.8	5.5
Delaware.....	35	31	4	1	11	5			45	61	5	2
Maryland.....	44	43	6	6	11	9			26	30	13	12
Virginia.....	32	35	3	4	6	6	1	2	45	42	13	11
West Virginia.....	37	33	7	4	5	1			46	59	5	3
North Carolina.....	34	29	3	3	1	7			50	49	12	12
South Carolina.....	33	27	4	3	2	1			51	58	10	11
Georgia.....	22	20	1	1					62	57	15	22
Florida.....	10	10							64	64	26	26
South Atlantic.....	27.2	26.1	2.6	2.6	3.4	3.7	.2	.4	50.5	50.8	16.1	16.4
Kentucky.....	68	61	2	2	1	1			24	28	5	8
Tennessee.....	28	22	2	2					66	72	4	4
Alabama.....	33	32	2	1					53	55	12	12
Mississippi.....	27	20	1	1					60	73	12	6
Arkansas.....	6	5					2	2	87	90	5	3
Louisiana.....	12	12	1	1			2	1	77	75	8	11
Oklahoma.....	5	3	5	8	10	10	22	26	44	38	14	15
Texas.....	5	7	4	4		1	30	32	50	45	11	11
South Central.....	24.6	21.7	2.5	2.8	1.3	1.4	10.0	10.9	53.0	54.3	8.6	8.9
Montana.....			13	11	40	40			37	42	10	7
Idaho.....	5	6	8	3	36	31			23	37	28	23
Wyoming.....		5	9	2	62	68			23	20	6	5
Colorado.....	21	31	2	2	12	13	4	3	49	41	12	10
New Mexico.....	2	2	2	1	4	6	30	28	52	55	10	8
Arizona.....	1	1			15	8			72	76	6	12
Utah.....	3	2	1	2	51	48	6	3	32	36	13	12
Nevada.....					31	26			68	71	1	1
Washington.....		3	2	2	2	2		2	88	88	8	5
Oregon.....		1	4	9	4	6			88	76	3	7
California.....	1	1			3	1	1		90	98	5	
Western.....	2.4	3.4	1.6	1.4	10.0	8.2	1.6	.9	76.4	81.5	8.0	4.6
United States.....	37.4	36.9	12.2	11.4	2.4	2.4	2.6	2.6	36.6	38.2	8.8	8.5

<sup>1</sup> Based on reports of rations fed dairy reporters' herds on May 1 and Nov. 1.

Statistical Reporting Service.



Table 536.—Milk cow rations: Homegrown feeds as percentage of total by kinds used in concentrate rations fed to milk cows, by States, 1968 and 1969<sup>1</sup>

State and division	Corn		Oats		Barley		Total concentrates	
	1968	1969	1968	1969	1968	1969	1968	1969
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Maine.....			30	35				
New Hampshire.....								
Vermont.....			22					
Massachusetts.....								
Rhode Island.....								
Connecticut.....	10	15						
New York.....	58	65	89	93			18	20
New Jersey.....	82	84	62	50	79	76	24	24
Pennsylvania.....	85	79	78	72	92	79	48	43
North Atlantic.....	75.0	73.5	81.8	81.4	90.8	78.6	25.1	24.1
Ohio.....	81	80	86	85	89		68	67
Indiana.....	85	87	74	72	100		70	67
Illinois.....	90	90	84	81			75	75
Michigan.....	80	80	84	89	69	69	73	73
Wisconsin.....	66	72	82	84	75	65	58	63
East North Central.....	75.2	77.8	82.5	84.3	78.3	65.8	64.1	66.5
Minnesota.....	88	89	91	87		77	78	76
Iowa.....	86	87	84	79			75	76
Missouri.....	62	59	73	67	56	63	34	30
North Dakota.....	70	70	78	86	88	96	70	74
South Dakota.....	76	75	78	85	55	60	66	68
Nebraska.....	79	73	76	75			58	56
Kansas.....	51	56	45	54	32	39	45	45
West North Central.....	82.1	82.5	85.6	84.8	61.3	72.6	66.5	65.4
Delaware.....	75	80	79	85	60	65	36	29
Maryland.....	75	77	57	66	80	69	46	44
Virginia.....	50	63	79	65	91	86	27	32
West Virginia.....	43	34	41	50	70	65	22	14
North Carolina.....	53	47	70	59	70	66	21	20
South Carolina.....	50	58	60	62	77	88	20	20
Georgia.....	43	47	65	62			11	10
Florida.....	25	25					2	2
South Atlantic.....	53.9	57.0	63.0	63.0	81.3	72.8	19.8	19.8
Kentucky.....	70	72	58	49	91	85	50	46
Tennessee.....	63	53	71	64			19	13
Alabama.....	35	35	30	34			12	12
Mississippi.....	57	60	38	45			17	13
Arkansas.....	28	29					2	2
Louisiana.....	22	22	20	20			3	3
Oklahoma.....	20	29	29	16	48	37	13	12
Texas.....	8	7	25	20		12	6	8
South Central.....	57.3	55.2	37.1	28.8	54.1	37.9	17.8	15.8
Montana.....			58	63	34	36	22	22
Idaho.....	79	75	76	67	59	57	45	36
Wyoming.....			60	62	46	49	37	36
Colorado.....	32	30	44	55	48	37	16	17
New Mexico.....	36	26			40	35	5	4
Arizona.....					46	39	9	4
Utah.....	7	10	60	59	51	49	29	28
Nevada.....					58	50	19	13
Washington.....			66	76	29	25	3	2
Oregon.....	46	49	50	62	38	33	5	10
California.....	15	15			5	5		
Western.....	34.1	29.4	62.7	62.7	42.6	44.0	7.2	6.7
United States.....	74.0	75.1	81.7	81.6	59.3	58.4	40.8	40.4

<sup>1</sup> Percentages shown are based on reports of rations fed dairy reporters' herds on May 1 and Nov. 1.

Statistical Reporting Service.

**Table 537.—Milk cow rations: Estimated value per 100 pounds of concentrate rations fed during the year and value per ton of hay fed to milk cows Feb. 1, by States, 1968 and 1969**

State and division	Value per 100 pounds of concentrate rations fed during the year		Value per ton of all hay fed to milk cows Feb. 1. <sup>1</sup>		State and division	Value per 100 pounds of concentrate rations fed during the year		Value per ton of all hay fed to milk cows Feb. 1. <sup>1</sup>	
	1968	1969	1968	1969		1968	1969	1968	1969
	Dol-lars	Dol-lars	Dol-lars	Dol-lars		Dol-lars	Dol-lars	Dol-lars	Dol-lars
Maine.....	3.89	3.75			North Carolina.....	3.57	3.64	33.00	33.00
New Hampshire.....	3.81	3.70	25.00	25.50	South Carolina.....	3.46	3.58	33.50	33.00
Vermont.....	3.74	3.66			Georgia.....	3.52	3.58	30.50	30.50
Massachusetts.....	3.80	3.63			Florida.....	3.08	2.99	24.00	36.00
Rhode Island.....	3.76	3.65	34.00	33.50	South Atlantic.....	3.44	3.47	33.58	33.36
Connecticut.....	3.77	3.66			Kentucky.....	3.21	3.30	27.00	27.00
New York.....	3.64	3.68	24.00	23.50	Tennessee.....	3.37	3.44	29.00	30.00
New Jersey.....	3.69	3.76	35.00	36.00	Alabama.....	3.36	3.49	29.00	32.50
Pennsylvania.....	3.49	3.55	29.00	28.00	Mississippi.....	3.39	3.40	26.00	27.00
North Atlantic.....	3.62	3.64	25.71	25.95	Arkansas.....	3.30	3.32	25.00	24.00
Ohio.....	3.02	3.12	28.00	25.00	Louisiana.....	3.51	3.45	24.00	25.00
Indiana.....	2.86	2.90	27.00	25.50	Oklahoma.....	3.07	3.11	25.50	25.50
Illinois.....	2.53	2.67	23.50	23.50	Texas.....	3.18	3.17	31.00	28.50
Michigan.....	2.75	2.87	21.00	22.50	South Central.....	3.27	3.31	27.70	27.58
Wisconsin.....	2.97	3.07	20.00	19.00	Montana.....	2.58	2.50	23.00	25.00
East North Central.....	2.89	3.00	21.96	21.19	Idaho.....	2.72	2.74	21.00	22.50
Minnesota.....	2.69	2.73	21.00	23.00	Wyoming.....	2.68	2.76	21.00	22.50
Iowa.....	2.45	2.54	20.50	20.50	Colorado.....	2.89	2.92	26.50	27.50
Missouri.....	2.94	3.00	28.50	24.50	New Mexico.....	3.20	3.23	36.00	33.50
North Dakota.....	1.88	1.95	17.00	17.50	Arizona.....	3.28	3.28	32.50	30.50
South Dakota.....	2.31	2.28	20.50	22.00	Utah.....	2.91	2.99	24.50	24.50
Nebraska.....	2.52	2.57	19.00	21.50	Nevada.....	3.32	3.33	24.50	25.00
Kansas.....	2.64	2.63	21.00	22.50	Washington.....	3.35	3.27	24.50	32.00
West North Central.....	2.59	2.64	20.62	22.08	Oregon.....	3.43	3.43	26.50	28.00
Delaware.....	3.52	3.57	34.00	31.50	California.....	3.25	3.23	32.00	30.50
Maryland.....	3.53	3.62			Western.....	3.18	3.17	28.26	28.64
Virginia.....	3.67	3.70	35.50	36.50	United States.....	3.10	3.15	24.50	24.72
West Virginia.....	3.78	3.80	32.50	30.50					

<sup>1</sup> Reflects difference in value of the various kinds of hay fed as well as the difference in value of baled, chopped, and loose hay.

Statistical Reporting Service.

FOOTNOTES FOR TABLE 534

<sup>1</sup> Prior to 1969, "Roughage fed during the October-May feeding period beginning in the year shown."

<sup>2</sup> Does not include pasture or grazing of crop residues. In computing hay equivalent, 3 tons of silage are considered equal to 1 ton of hay.

Statistical Reporting Service.

**Table 538.—Dairy product-feed price ratios: Milk-feed and milkfat-feed price ratios, value per 100 pounds of concentrate rations fed to milk cows, United States, annual 1955-69<sup>1</sup>**

Year	Milk-feed price ratio <sup>2</sup>	Milkfat-feed price ratio <sup>3</sup>	Value per 100 pounds of grain and concentrates fed to milk cows		Year	Milk-feed price ratio <sup>2</sup>	Milkfat-feed price ratio <sup>3,4</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	
			Whole milk selling areas	Cream selling areas				Whole milk selling areas <sup>5</sup>	Cream selling areas <sup>4</sup>
	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
1955.....	1.28	20.9	3.16	2.76	1963.....	1.36	23.4	3.04	2.55
1956.....	1.36	22.3	3.05	2.67	1964.....	1.38	23.9	3.03	2.53
1957.....	1.39	23.2	3.05	2.61	1965.....	1.40	23.6	3.03	2.59
1958.....	1.41	24.4	2.94	2.43	1966.....	1.53	25.0	3.15	2.70
1959.....	1.43	25.3	2.93	2.40	1967.....	1.56	24.4	3.22	2.72
1960.....	1.45	25.2	2.92	2.41	1968.....	1.70	.....	3.10	.....
1961.....	1.45	25.7	2.92	2.40	1969 <sup>6</sup> .....	1.74	.....	3.15	.....
1962.....	1.40	24.3	2.95	2.45					

<sup>1</sup> Annual ratios based on average of monthly ratios.  
<sup>2</sup> Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers.  
<sup>3</sup> Pounds of concentrate ration equal in value to 1 pound of milkfat in cream sold by farmers.  
<sup>4</sup> Discontinued beginning 1968.  
<sup>5</sup> Beginning 1967, cream selling areas combined with whole milk selling areas.  
<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1930-54 in *Agricultural Statistics, 1967*, table 550.

**Table 539.—Artificial-breeding organizations: Number of studs, herds enrolled, sires in service, and cows bred, United States, 1955-70**

Year	Studs	Sires in service				Herds <sup>1</sup>	Dairy cows bred to—		Beef cows bred to beef bulls	Total cattle bred	Cows bred per sire
		Dairy	Beef	Total	Average per stud		Dairy bulls	Beef bulls			
	<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>	<i>Number</i>	
1955.....	79	.....	.....	2,450	31.0	845,900	.....	.....	.....	5,413,874	2,210
1956.....	79	.....	.....	2,553	32.3	900,400	.....	.....	.....	5,762,656	2,257
1957.....	75	.....	.....	2,651	35.3	946,000	.....	.....	.....	6,055,982	2,284
1958.....	71	.....	.....	2,676	37.7	975,372	.....	.....	.....	6,645,568	2,483
1959.....	64	.....	.....	2,460	38.4	930,059	.....	.....	.....	6,932,294	2,816
1960.....	62	.....	.....	2,544	41.0	910,000	.....	.....	.....	7,144,679	2,808
1961.....	56	.....	.....	2,486	44.4	863,781	7,047,148	<sup>2</sup> 435,592	.....	7,482,740	3,010
1962.....	56	2,036	420	2,456	43.9	862,150	6,837,681	<sup>2</sup> 911,006	.....	7,748,687	3,155
1963.....	51	2,158	401	2,559	50.2	621,141	6,468,545	969,748	235,289	7,673,582	2,999
1964.....	50	2,140	398	2,538	50.8	654,311	6,165,599	1,117,395	464,959	7,747,953	3,053
1965.....	<sup>3</sup> 46	1,867	449	2,316	50.3	591,859	6,301,178	963,657	615,147	7,879,982	3,402
1966.....	<sup>3</sup> 44	1,949	439	2,388	54.3	540,265	6,413,453	873,127	695,181	7,981,761	3,342
1967.....	35	2,012	364	2,376	67.9	458,782	6,259,425	788,933	672,819	7,871,265	3,313
1968.....	<sup>3</sup> 33	2,028	352	2,380	72.1	407,375	6,423,786	714,850	795,242	7,933,878	3,334
1969.....	<sup>3</sup> 30	1,955	390	2,345	78.2	<sup>5</sup> 387,979	<sup>5</sup> 6,600,605	<sup>5</sup> 694,916	<sup>5</sup> 972,172	<sup>5</sup> 8,267,893	<sup>5</sup> 3,526
1970 <sup>6</sup> .....	31	1,911	374	2,285	73.7	.....	.....	.....	.....	.....	.....

<sup>1</sup> Prior to 1963, number of herds largely reflected membership rather than those actually serviced.  
<sup>2</sup> Probably includes some beef to beef inseminations.  
<sup>3</sup> Includes one all-beef stud.  
<sup>4</sup> Includes 150,088 first services, by State only, where breakdowns were not reported.  
<sup>5</sup> Preliminary.  
<sup>6</sup> Not shown are inseminations to 3,230 swine and 235 goats.

Agricultural Research Service. Data for 1939-54 in *Agricultural Statistics, 1967*, table 553.

FOOTNOTES FOR TABLE 542

<sup>1</sup> Based on total blood tests and estimated cattle in ring test negative herds, the percentage of reactors was 0.5 for 1960, 0.4 for 1961, 0.5 for 1962, 0.6 for 1963, 0.6 for 1964, 0.5 for 1965, 0.6 for 1966, 0.6 for 1967, 0.6 for 1968, and 0.6 for 1969.  
<sup>2</sup> Herds only.

Agricultural Research Service. Data for 1951-59 in *Agricultural Statistics, 1967*, table 552.

**Table 540.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production of cows completing tests, United States, 1955-70**

Year	Associa- tions <sup>1</sup>	Super- visors <sup>1</sup>	Official dairy-herd-improvement plan					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Pounds</i>	<i>Percent</i>	<i>Pounds</i>
1955	2,288		41,240	1,333,866	32.3	9,502	3.95	375
1956	2,266		40,984	1,406,306	34.4	9,713	3.94	383
1957 <sup>2</sup>	1,700	2,310	41,638	1,479,799	35.5	9,894	3.93	389
1958	1,544	2,293	39,985	1,548,884	38.7	10,068	3.91	394
1959	1,500	2,337	40,284	1,607,538	39.9	10,327	3.88	401
1960	1,509	2,397	41,293	1,746,752	42.3	<sup>3</sup> 10,561	3.87	<sup>3</sup> 409
1961	1,395	2,448	42,558	1,867,469	43.9	10,796	3.87	418
1962	1,436	2,472	42,034	1,958,355	46.6	11,032	3.86	426
1963	1,441	2,516	41,937	2,006,534	47.8	11,286	3.85	434
1964	1,420	2,474	40,670	2,010,144	49.4	11,685	3.83	447
1965	1,424	2,439	40,075	2,087,581	52.1	11,976	3.82	457
1966	1,418	2,378	38,879	2,058,592	52.9	12,127	3.81	462
1967	1,344	2,319	37,683	2,098,919	55.7	12,307	3.80	468
1968	1,318	2,304	36,869	2,131,929	57.8			
1969	1,289	2,250	35,617	2,138,953	60.1			
1970	1,267	2,225	34,308	2,122,011	61.9			

<sup>1</sup> Includes all plans. <sup>2</sup> Prior to 1957, associations were counted on the basis of supervisor circuits. <sup>3</sup> National testing year changed in 1960 to begin May 1. These values are averages of 1959 and 1961. Agricultural Research Service. Data for 1935-54 in *Agricultural Statistics, 1967*, table 554.

**Table 541.—Cattle: Tuberculin tests in cooperation with States, 1960-69**

Year	Tuberculin tests					
	Herds	Cattle	Infected			
			Herds		Cattle	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i>
1960	402,554	9,692,992	7,344	1.82	15,539	0.16
1961	393,294	9,761,705	6,089	1.54	12,569	.12
1962	373,690	8,941,433	4,313	1.15	9,539	.11
1963	340,674	8,398,450	3,497	1.03	8,087	.10
1964	318,039	8,525,881	2,690	.85	7,363	.10
1965	304,917	7,187,083	1,672	.55	5,567	.08
1966	252,948	6,451,222	1,317	.52	3,540	.05
1967	212,487	5,486,715	1,014	.48	4,119	.08
1968	165,767	4,485,124	662	.40	2,830	.06
1969	151,087	4,390,514	544	.36	2,923	.07

Agricultural Research Service. Data for 1951-59 in *Agricultural Statistics, 1967*, table 551.

**Table 542.—Cattle: Brucellosis (Bang's disease) work in cooperation with States, 1960-69**

Year	Agglutination blood tests completed						Calves vaccinated
	Herds and lots	Cattle	Infected				
			Herds and lots		Cattle		
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Percent</i>	<i>Number</i>	<i>Percent</i> <sup>1</sup>	<i>Number</i>
1960	1,146,811	12,338,812	53,668	4.7	135,915	1.1	6,382,624
1961	1,555,013	13,207,861	60,865	3.9	136,816	1.0	6,751,362
1962	1,701,542	11,577,255	65,395	3.8	131,806	1.1	6,966,296
1963	1,934,146	11,412,699	66,156	3.4	132,184	1.2	6,962,406
1964	1,846,960	11,663,900	60,799	3.3	135,429	1.2	7,154,257
1965	2,036,446	12,045,506	53,017	2.6	126,209	1.1	6,903,780
1966	1,258,186	11,563,832	39,252	3.1	127,706	1.1	6,483,393
1967	<sup>2</sup> 416,256	7,337,243	31,855	7.7	111,230	1.5	6,331,556
1968	<sup>2</sup> 367,976	6,858,305	30,757	8.4	110,998	1.6	5,832,720
1969	<sup>2</sup> 274,724	5,406,185	23,137	8.4	88,484	1.6	5,165,415

See footnotes on page 369.

Table 543.—Milk, milkfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, United States, 1955-69<sup>1</sup>

Year	Number of milk cows on farms <sup>2</sup>	Production of milk and milkfat <sup>3</sup>					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
1955	21,044	5,842	225	3.84	122,945	4,726	162,070
1956	20,501	6,090	233	3.82	124,860	4,773	139,810
1957	19,774	6,303	240	3.81	124,628	4,744	119,354
1958	18,711	6,585	249	3.78	123,220	4,658	96,123
1959	17,901	6,815	256	3.76	121,989	4,588	76,307
1960	17,515	7,029	264	3.76	123,109	4,628	62,895
1961	17,243	7,290	273	3.75	125,707	4,715	51,750
1962	16,842	7,496	280	3.74	126,251	4,718	42,100
1963	16,260	7,700	286	3.71	125,202	4,649	34,100
1964	15,677	8,099	300	3.70	126,967	4,699	27,085
1965	14,954	8,304	307	3.70	124,173	4,597	21,395
1966	14,093	8,507	314	3.69	119,892	4,425	16,265
1967	13,501	8,797	325	3.69	118,769	4,384	13,220
1968	13,038	8,992	330	3.67	117,234	4,305	10,500
1969 <sup>4</sup>	12,689	9,158	337	3.68	116,200	4,275	8,201

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.<sup>2</sup> Average number on farms during year, excluding heifers not yet fresh.<sup>3</sup> Excludes milk sucked by calves.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1945-54 in *Agricultural Statistics, 1967*, table 555.Table 544.—Milk: Quantities used and marketed by farmers, United States, 1960-69<sup>1</sup>

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves <sup>2</sup>	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>3</sup>		Sold directly to consumers <sup>4</sup>	Total
					As whole milk	As farm-separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960	2,548	5,273	1,337	9,158	103,927	7,938	2,086	113,951
1961	2,432	4,835	1,115	8,382	108,353	6,918	2,054	117,325
1962	2,330	4,419	915	7,664	110,678	5,943	1,966	118,587
1963	2,245	4,070	743	7,058	111,195	5,060	1,889	118,144
1964	2,152	3,742	595	6,489	114,176	4,439	1,863	120,478
1965	2,061	3,443	472	5,976	112,716	3,650	1,831	118,197
1966	1,973	3,146	362	5,481	109,675	2,993	1,743	114,411
1967	1,893	2,882	292	5,205	109,420	2,381	1,764	113,565
1968	1,823	2,656	235	4,714	108,767	1,973	1,780	112,520
1969 <sup>6</sup>	1,769	2,446	183	4,398	108,442	1,636	1,723	111,801

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> Includes milk produced by dealers' own herds.<sup>4</sup> Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.<sup>5</sup> Includes some milk used for other purposes on farms or not utilized.<sup>6</sup> Preliminary.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 556.

## FOOTNOTES FOR TABLE 547

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

Statistical Reporting Service.

**Table 545.—Milk, milkfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, by States, 1968**

State and division	Number of milk cows on farms <sup>1</sup>	Production of milk and milkfat <sup>2</sup>					Butter churned on farms  1,000 pounds
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	
Maine.....	69	8,670	325	3.75	598	22	60
New Hampshire.....	39	9,240	351	3.80	360	14	
Vermont.....	209	8,942	335	3.75	1,869	70	
Massachusetts.....	69	10,150	376	3.70	700	26	
Rhode Island.....	8.1	9,880	361	3.65	80	3	
Connecticut.....	67	10,110	374	3.70	677	25	
New York.....	1,039	9,835	354	3.60	10,219	368	
New Jersey.....	79	10,250	369	3.60	810	29	
Pennsylvania.....	727	9,450	350	3.70	6,870	254	160
North Atlantic.....	2,306	9,620	352	3.66	22,183	811	220
Ohio.....	475	9,450	354	3.75	4,489	168	140
Indiana.....	250	9,590	360	3.75	2,398	90	100
Illinois.....	330	9,420	344	3.65	3,109	113	100
Michigan.....	480	9,580	350	3.65	4,598	168	40
Wisconsin.....	1,887	9,650	357	3.70	18,210	674	
East North Central.....	3,422	9,586	354	3.70	32,804	1,213	380
Minnesota.....	1,057	9,670	343	3.55	10,221	363	80
Iowa.....	569	8,958	322	3.60	5,097	183	250
Missouri.....	380	8,050	302	3.75	3,059	115	600
North Dakota.....	157	7,605	266	3.50	1,194	42	210
South Dakota.....	202	8,220	292	3.55	1,660	59	120
Nebraska.....	213	8,000	288	3.60	1,704	61	280
Kansas.....	212	8,100	296	3.65	1,717	63	200
West North Central.....	2,790	8,836	318	3.59	24,652	886	1,740
Delaware.....	15	8,930	326	3.65	134	5	
Maryland.....	170	9,000	333	3.70	1,530	57	40
Virginia.....	231	7,920	297	3.75	1,830	69	1,200
West Virginia.....	67	6,340	238	3.75	425	16	400
North Carolina.....	194	7,603	289	3.80	1,475	56	1,300
South Carolina.....	72	7,015	277	3.95	505	20	260
Georgia.....	140	7,607	289	3.80	1,065	40	500
Florida.....	186	8,355	313	3.75	1,554	58	
South Atlantic.....	1,075	7,924	299	3.77	8,518	321	3,700
Kentucky.....	367	6,770	257	3.80	2,485	94	750
Tennessee.....	329	6,430	248	3.85	2,115	81	650
Alabama.....	143	5,560	212	3.75	808	30	650
Mississippi.....	209	5,130	200	3.90	1,072	42	650
Arkansas.....	102	6,750	250	3.70	688	25	500
Louisiana.....	180	5,720	220	3.85	1,030	40	100
Oklahoma.....	155	8,280	294	3.55	1,283	46	220
Texas.....	365	8,170	298	3.65	2,982	109	600
South Central.....	1,850	6,737	252	3.75	12,463	467	4,120
Montana.....	47	7,660	276	3.60	360	13	50
Idaho.....	156	9,370	347	3.70	1,402	54	
Wyoming.....	19.5	8,110	292	3.60	158	6	
Colorado.....	99	8,530	307	3.60	844	30	60
New Mexico.....	38	8,290	294	3.55	315	11	
Arizona.....	51	10,840	385	3.55	553	20	
Utah.....	75	10,120	364	3.60	759	27	
Nevada.....	13.7	10,020	361	3.60	137	5	
Washington.....	186	10,500	399	3.80	1,953	74	110
Oregon.....	113	8,590	348	4.05	971	39	90
California.....	781	11,460	413	3.60	8,950	322	30
Western.....	1,579	10,426	381	3.65	16,462	601	340
Alaska.....	1.8	9,830	359	3.65	17.7	1	
Hawaii.....	13.5	9,930	338	3.40	134	5	
United States.....	13,038	8,992	330	3.67	117,234	4,305	10,500

<sup>1</sup> Average number on farms during year, excluding heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

Statistical Reporting Service.

MILK PRODUCTION

373

Table 546.—Milk, milkfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, by States, 1969 (preliminary)

State and division	Number of milk cows on farms <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				Butter churned on farms  1,000 pounds	
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk		Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	
Maine.....	69	8,986	332	3.70	620	23	60
New Hampshire.....	38	9,579	364	3.80	364	14	
Vermont.....	206	9,286	348	3.75	1,913	72	
Massachusetts.....	66	10,333	382	3.70	682	25	
Rhode Island.....	7.9	10,127	370	3.65	80	3	
Connecticut.....	66	10,303	381	3.70	680	25	
New York.....	1,024	10,067	362	3.60	10,309	371	
New Jersey.....	75	10,493	383	3.65	787	29	
Pennsylvania.....	718	9,702	359	3.70	6,966	258	120
North Atlantic.....	2,270	9,868	361	3.66	22,401	820	180
Ohio.....	463	9,600	360	3.75	4,445	167	94
Indiana.....	241	9,900	371	3.75	2,386	89	50
Illinois.....	322	9,652	352	3.65	3,108	113	50
Michigan.....	472	9,822	359	3.65	4,636	169	
Wisconsin.....	1,846	9,761	361	3.70	18,018	667	
East North Central.....	3,344	9,747	360	3.70	32,593	1,205	194
Minnesota.....	1,008	9,650	343	3.55	9,727	345	40
Iowa.....	528	9,062	331	3.65	4,785	175	208
Missouri.....	368	8,128	305	3.75	2,991	112	516
North Dakota.....	148	7,419	263	3.55	1,098	39	168
South Dakota.....	192	8,161	290	3.55	1,567	56	80
Nebraska.....	202	8,069	295	3.65	1,630	59	241
Kansas.....	206	8,189	299	3.65	1,687	62	160
West North Central.....	2,652	8,856	320	3.61	23,485	848	1,413
Delaware.....	15	9,067	335	3.70	136	5	
Maryland.....	169	9,249	342	3.70	1,563	58	
Virginia.....	225	8,124	305	3.75	1,828	69	936
West Virginia.....	63	6,571	246	3.75	414	16	312
North Carolina.....	190	7,795	292	3.75	1,481	56	1,079
South Carolina.....	70	7,229	286	3.95	506	20	216
Georgia.....	140	7,979	299	3.75	1,117	42	410
Florida.....	190	8,205	308	3.75	1,559	58	
South Atlantic.....	1,062	8,102	305	3.77	8,604	324	2,953
Kentucky.....	354	6,983	265	3.80	2,465	94	608
Tennessee.....	313	6,722	259	3.85	2,104	81	514
Alabama.....	138	5,884	224	3.80	812	31	514
Mississippi.....	201	5,279	206	3.90	1,061	41	500
Arkansas.....	99	6,990	259	3.70	692	26	415
Louisiana.....	175	6,160	237	3.85	1,078	42	50
Oklahoma.....	151	8,411	299	3.55	1,270	45	176
Texas.....	351	8,510	306	3.60	2,987	108	474
South Central.....	1,782	6,997	263	3.75	12,469	468	3,251
Montana.....	44	7,955	290	3.65	350	13	50
Idaho.....	155	9,219	341	3.70	1,429	53	
Wyoming.....	18.9	8,201	295	3.60	155	6	
Colorado.....	101	8,614	314	3.65	870	32	60
New Mexico.....	36	8,556	304	3.55	308	11	
Arizona.....	51	11,235	399	3.55	573	20	
Utah.....	76	10,303	371	3.60	783	28	
Nevada.....	13.8	10,072	363	3.60	139	5	
Washington.....	183	10,809	411	3.80	1,978	75	55
Oregon.....	110	8,836	353	4.00	972	39	45
California.....	776	11,521	415	3.60	8,940	322	
Western.....	1,565	10,541	386	3.66	16,497	604	210
Alaska.....	1.8	9,889	356	3.60	17.8	1	
Hawaii.....	12.8	10,391	353	3.40	133	5	
United States.....	12,689	9,158	337	3.68	116,200	4,275	8,201

<sup>1</sup> Average number on farms during year, excluding heifers not yet fresh.

<sup>2</sup> Excludes milk sucked by calves.

Table 547.—Milk: Quantities used and marketed by farmers, by States, 1969 (preliminary)

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves <sup>1</sup>	Consumed as fluid milk and cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
					As whole milk	As farm-separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Maine.....	8	13	1	22	580		18	598
New Hampshire.....	5	8		13	345		6	351
Vermont.....	20	19		39	1,845		29	1,874
Massachusetts.....	5	8		13	610		59	669
Rhode Island.....	1	1		2	74		4	78
Connecticut.....	8	9		17	638		25	663
New York.....	140	95		235	9,970	8	96	10,074
New Jersey.....	6	9		15	750		22	772
Pennsylvania.....	55	125	3	183	6,570	18	195	6,783
North Atlantic.....	248	287	4	539	21,382	26	454	21,862
Ohio.....	74	83	2	159	4,250	9	27	4,286
Indiana.....	24	46	1	71	2,295	9	11	2,315
Illinois.....	30	50	1	81	3,005	10	12	3,027
Michigan.....	82	50		132	4,455	31	18	4,504
Wisconsin.....	385	210		595	17,395	3	25	17,423
East North Central.....	595	439	4	1,038	31,400	62	93	31,555
Minnesota.....	170	142	1	313	9,260	145	9	9,414
Iowa.....	95	115	5	215	4,250	300	20	4,570
Missouri.....	38	103	12	153	2,790	24	24	2,838
North Dakota.....	31	37	4	72	600	420	6	1,026
South Dakota.....	28	37	2	67	1,325	170	5	1,500
Nebraska.....	36	45	6	87	1,305	230	8	1,543
Kansas.....	36	44	4	84	1,530	52	21	1,603
West North Central.....	434	523	34	991	21,060	1,341	93	22,494
Delaware.....	1	2		3	131		2	133
Maryland.....	14	19		33	1,515		15	1,530
Virginia.....	31	94	21	146	1,645	22	15	1,682
West Virginia.....	8	44	7	59	340	7	8	355
North Carolina.....	18	125	24	167	1,295		19	1,314
South Carolina.....	6	21	5	32	465		9	474
Georgia.....	8	34	9	51	1,050		16	1,066
Florida.....	6	10		16	1,420		123	1,543
South Atlantic.....	92	349	66	507	7,861	29	207	8,097
Kentucky.....	32	148	13	193	2,250	3	19	2,272
Tennessee.....	28	121	11	160	1,930		14	1,944
Alabama.....	7	70	11	88	710		14	724
Mississippi.....	10	75	10	95	960		6	966
Arkansas.....	8	35	10	53	625		14	639
Louisiana.....	6	55	1	62	1,000		16	1,016
Oklahoma.....	24	41	4	69	1,155	28	18	1,201
Texas.....	25	76	11	112	2,835	3	37	2,875
South Central.....	140	621	71	832	11,465	34	138	11,637
Montana.....	8	27	1	36	255	53	6	314
Idaho.....	38	32		70	1,335	12	12	1,359
Wyoming.....	5	12		17	123		3	138
Colorado.....	24	23	1	48	745	29	48	822
New Mexico.....	4	8		12	258		38	296
Arizona.....	6	8		14	523		36	559
Utah.....	9	20		29	700	2	52	754
Nevada.....	3	2	2	5	131	1	2	134
Washington.....	44	33	1	78	1,815	17	68	1,900
Oregon.....	27	23	1	51	865	13	43	921
California.....	91	38		129	8,385	5	421	8,811
Western.....	259	226	4	489	15,135	144	729	16,008
Alaska.....	.3	.5		.8	16.3		.7	17.0
Hawaii.....	1			2	123		8	131
United States.....	1,769	2,447	183	4,399	108,442	1,636	1,723	111,801

See footnotes on page 371.



Table 548.—Milk: Production and utilization in specified countries, average 1961–65, annual 1968 and 1969

Country	Production			Utilization					
	Milk cows	Production per cow	Milk production	Fluid milk <sup>1</sup>	Butter	Cheese	Canned milk	Other uses <sup>2</sup>	Feed
	<i>1,000 head</i>	<i>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>
Average 1961–65:									
Canada	2,930	6,283	18,404	6,381	8,350	1,669	720	474	810
United States	16,195	7,778	125,660	58,215	31,842	15,073	5,014	13,267	2,249
Austria	1,122	6,010	6,743	2,498	2,069	566	26	440	1,204
Belgium	1,024	8,461	8,664	2,227	4,841	400	123	363	706
Denmark	1,428	8,202	11,713	1,886	7,007	1,674	( <sup>3</sup> )	<sup>3</sup> 683	463
France	9,408	5,756	54,162	11,037	22,515	7,936	788	1,049	10,837
Germany, West	5,852	7,793	45,368	2,232	23,294	2,775	( <sup>3</sup> )	<sup>3</sup> 2,853	4,214
Greece	434	2,671	1,159	667	168	158	0	0	196
Ireland	1,373	4,704	6,458	1,433	3,303	240	0	491	991
Italy	3,448	5,959	21,872	6,238	3,314	7,155	( <sup>3</sup> )	<sup>3</sup> 128	5,087
Netherlands	1,701	9,169	15,597	2,305	4,914	4,505	2,157	1,069	637
Norway <sup>5</sup>	568	6,426	3,066	1,881	984	587	( <sup>3</sup> )	<sup>3</sup> 43	171
Sweden	1,180	7,158	8,446	3,112	3,948	820	( <sup>3</sup> ) 2	<sup>3</sup> 194	370
Switzerland <sup>6</sup>	926	7,328	6,897	2,434	1,202	1,879	( <sup>3</sup> )	<sup>3</sup> 198	1,124
United Kingdom <sup>6</sup>	4,202	5,900	24,791	17,766	2,331	2,648	959	1,087	82
Australia	3,190	4,779	15,244	3,337	9,597	1,324	164	740	82
New Zealand <sup>7</sup>	2,007	6,130	12,302	1,138	8,682	1,929	( <sup>3</sup> )	<sup>3</sup> 220	333
Total of above countries	56,989		387,086	134,757	138,305	51,338	9,953	23,299	29,434
1968:									
Canada	2,616	7,018	18,362	5,972	7,931	2,225	( <sup>3</sup> )	<sup>3</sup> 1,545	689
United States	13,038	8,992	117,234	56,356	25,206	17,392	3,894	12,563	1,823
Austria	1,115	6,698	7,401	2,436	2,414	714	44	450	1,343
Belgium	1,065	8,717	9,283	2,380	5,263	485	155	600	400
Denmark	1,295	8,719	11,292	1,764	6,874	1,444	( <sup>3</sup> )	<sup>3</sup> 769	441
France	9,758	6,878	67,117	11,656	29,603	10,223	1,087	1,645	12,897
Germany, West	5,865	8,314	48,768	12,564	26,640	3,367	2,150	599	3,448
Greece	481	2,577	1,239	766	175	214	0	0	84
Ireland	1,607	5,037	8,094	1,476	4,184	632	0	646	1,156
Italy	3,479	5,884	20,474	6,861	2,745	6,614	75	546	3,633
Netherlands	1,830	9,288	16,997	4,407	2,771	5,386	2,467	1,243	723
Norway <sup>5</sup>	470	8,734	4,105	2,090	1,160	669	51	7	128
Sweden	851	8,549	7,275	2,959	3,097	842	1	133	243
Switzerland <sup>6</sup>	929	7,646	7,103	2,273	1,314	2,189	( <sup>3</sup> )	<sup>3</sup> 313	1,014
United Kingdom <sup>6</sup>	4,399	6,019	26,477	18,540	2,740	2,822	1,131	663	581
Australia	2,784	5,495	15,353	3,682	9,041	1,604	286	660	80
New Zealand	2,233	6,043	13,493	1,110	9,675	2,013	( <sup>3</sup> )	<sup>3</sup> 370	325
Total of above countries	53,825		400,067	137,292	140,833	58,841	11,341	22,752	29,008
1969: <sup>8</sup>									
Canada	2,584	7,236	18,698	5,906	8,253	2,308	( <sup>3</sup> )	<sup>3</sup> 1,542	689
United States	12,689	9,158	116,200	55,247	24,104	17,914	4,011	13,155	1,769
Austria	1,115	6,574	7,330	2,434	2,317	794	49	397	1,339
Belgium	1,072	8,516	9,128	1,934	5,451	462	94	777	410
Denmark	1,233	8,720	10,752	1,834	6,204	1,477	( <sup>3</sup> )	<sup>3</sup> 796	441
France	9,700	6,766	65,624	11,618	28,880	10,318	1,049	1,550	12,209
Germany, West	5,878	8,331	48,977	12,618	25,898	3,611	2,191	1,341	3,318
Greece	470	2,590	1,217	746	161	195	0	115	.....
Ireland	1,655	4,857	8,101	1,465	4,101	615	0	733	1,187
Italy	3,520	5,699	20,062	7,088	2,899	6,204	75	401	3,395
Netherlands	1,903	9,239	17,582	4,497	2,370	5,858	2,586	1,590	681
Norway <sup>5</sup>	453	8,896	4,030	2,103	1,045	701	49	4	128
Sweden	802	8,752	7,035	2,901	2,939	827	.....	139	229
Switzerland <sup>6</sup>	908	7,702	6,993	2,297	1,085	2,136	( <sup>3</sup> )	<sup>3</sup> 428	1,047
United Kingdom <sup>6</sup>	4,432	6,043	26,784	18,605	2,966	2,834	1,178	259	942
Australia	2,700	6,139	16,574	3,789	10,121	1,582	355	648	79
New Zealand	2,304	6,314	14,547	1,080	10,403	2,096	( <sup>3</sup> )	<sup>3</sup> 598	370
Total of above countries	53,418		399,634	136,162	139,197	59,932	11,637	24,473	28,233

<sup>1</sup> Includes milk used for cream. <sup>2</sup> Includes milk used for ice cream, dried whole milk, minor products waste and balance, unless otherwise indicated. <sup>3</sup> Canned milk included with other uses. <sup>4</sup> Production and utilization include sheep and goat milk. <sup>5</sup> Production and utilization include goat milk. <sup>6</sup> Under Milk Marketing Scheme only. <sup>7</sup> Year ending May 31. <sup>8</sup> Preliminary.

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

Table 549.—Milk: Supply and utilization, United States, 1963–69

Item	1963	1964	1965	1966	1967	1968	1969 <sup>1</sup>
	<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>
Milk production.....	125,202	126,967	124,173	119,892	118,769	117,234	116,200
Net imports of ingredients (milk equivalent) <sup>2</sup> .....	113	90	149	1,431	1,334	172	316
Net change in storage cream (milk equivalent) <sup>3</sup> .....	20	-37	10	-60	43	24	-22
Total supply.....	125,335	127,020	124,332	121,263	120,146	117,430	116,494
Utilization (milk equivalent):							
Used in manufactured products:							
Creamery butter, total milk equivalent.....	31,967	32,576	29,867	25,084	27,563	26,459	25,454
Milk equivalent of butter from whey cream.....	1,233	1,301	1,319	1,413	1,457	1,488	1,533
Net milk equivalent.....	30,734	31,275	28,548	23,671	26,106	24,971	23,921
Cheese:							
American.....	10,920	11,454	11,458	12,154	12,701	12,718	12,832
Other.....	3,890	4,162	4,277	4,521	4,507	4,674	5,082
Cottage cheese, creamed.....	999	1,042	1,044	1,044	1,050	1,096	1,151
Canned milk:							
Evaporated.....	3,854	3,850	3,471	3,516	3,087	2,851	2,945
Sweetened condensed.....	174	209	214	287	141	195	179
Bulk condensed whole milk:							
Unsweetened.....	800	846	780	706	636	690	724
Sweetened.....	137	140	151	152	149	158	163
Dry whole milk.....	673	648	654	698	547	694	551
Ice cream and other frozen dairy products, total milk equivalent.....	11,850	12,215	12,557	12,476	12,505	13,020	13,061
Milk equivalent of butter and condensed milk used in ice cream.....	1,901	1,953	1,987	<sup>4</sup> 1,998	<sup>4</sup> 1,967	2,056	2,056
Net milk equivalent.....	9,949	10,262	10,570	10,508	10,538	10,964	11,005
Other manufactured products <sup>5</sup> .....	537	650	599	643	308	418	418
Total manufactured products.....	62,667	64,538	61,768	57,900	59,770	59,429	58,971
Used in fluid products:							
Sold by dealers.....	52,411	53,037	53,569	53,657	52,236	51,920	51,077
Sold by producers directly to consumers <sup>6</sup> .....	1,889	1,863	1,831	1,743	1,764	1,780	1,723
Total fluid sales.....	54,300	54,900	55,400	55,400	54,000	53,700	52,800
Used on farms where produced:							
Fed to calves.....	2,245	2,152	2,061	1,973	1,893	1,823	1,769
Consumed as fluid milk and cream.....	4,070	3,742	3,443	3,146	2,882	2,656	2,447
Used for farm-churned butter.....	743	595	472	362	292	235	183
Total used on farms.....	7,058	6,489	5,976	5,481	<sup>7</sup> 5,205	4,714	4,399
Residual <sup>8</sup> .....	1,310	1,093	1,188	2,482	1,171	-413	324
Total utilization.....	125,335	127,020	124,332	121,263	120,146	117,430	116,494

<sup>1</sup> Preliminary.<sup>2</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.<sup>3</sup> Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.<sup>4</sup> Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice cream.<sup>5</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim dry milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.<sup>6</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>7</sup> Includes some milk used for other purposes on farms or not utilized.<sup>8</sup> Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.Statistical Reporting Service. Data for 1950-62 in *Agricultural Statistics, 1967*, table 561.

Table 550.—Farm dairy products: Quantity sold, price, cash receipts, and farm use, gross income, and farm value, by States, 1969 (preliminary)

State and division	Milk sold to plants and dealers				Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Per cent fluid grade <sup>1</sup>	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Million quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
Maine.....	580	100	6.54	37,932				8	28.6	2,288
New Hampshire.....	345	100	6.38	22,011				3	27.6	828
Vermont.....	1,845	100	6.08	112,176				13	27.2	3,536
Massachusetts.....	610	100	6.55	39,955				27	28.5	7,695
Rhode Island.....	74	100	6.47	4,788				2	28.5	570
Connecticut.....	638	100	6.75	43,065				12	28.5	3,420
New York.....	9,970	100	5.78	576,266	310	60	186	45	25.1	11,295
New Jersey.....	750	100	6.13	45,975				10	30.2	3,020
Pennsylvania.....	6,570	98	6.10	400,770	670	57	382	91	25.0	22,750
North Atlantic	21,382	99	6.00	1,282,938	980	58.0	568	211	26.3	55,402
Ohio.....	4,250	88	5.76	244,800	340	50	170	13	24.2	3,146
Indiana.....	2,295	83	5.53	126,914	350	54	189	5	24.2	1,210
Illinois.....	3,005	72	5.12	153,856	360	61	220	6	25.0	1,500
Michigan.....	4,455	86	5.58	248,589	1,170	67	784	8	25.5	2,040
Wisconsin.....	17,395	48	4.85	843,658	110	72	79	12	24.5	2,940
East North Central	31,400	64	5.15	1,617,817	2,330	61.9	1,442	44	24.6	10,826
Minnesota.....	9,260	23	4.49	415,774	5,120	73	3,738	4	26.0	1,040
Iowa.....	4,250	26	4.69	199,325	10,830	74	8,014	9	26.0	2,340
Missouri.....	2,790	52	5.07	141,453	930	67	623	11	25.2	2,772
North Dakota.....	690	32	4.47	26,820	14,700	72	10,584	3	25.2	756
South Dakota.....	1,325	13	4.51	59,758	5,980	70	4,186	2	25.0	500
Nebraska.....	1,305	40	4.85	63,292	8,330	64	5,331	4	22.2	888
Kansas.....	1,530	71	5.44	83,232	1,920	66	1,267	10	22.5	2,250
West North Central	21,060	32	4.70	989,654	47,810	70.6	33,743	43	24.5	10,546
Delaware.....	131	( <sup>2</sup> )	6.35	8,318				1	26.5	265
Maryland.....	1,515	( <sup>2</sup> )	6.26	94,839				7	27.4	1,918
Virginia.....	1,645	82	6.10	100,345	860	46	396	7	25.3	1,771
West Virginia.....	340	( <sup>2</sup> )	6.02	20,468	280	48	134	4	25.8	1,032
North Carolina.....	1,295	95	6.90	89,355				9	25.5	2,295
South Carolina.....	465	( <sup>2</sup> )	6.93	32,224				4	25.5	1,020
Georgia.....	1,050	100	6.79	71,295				7	25.4	1,778
Florida.....	1,420	100	7.28	103,376				57	30.9	17,613
South Atlantic	7,861	95	6.62	520,220	1,140	46.5	530	96	28.8	27,692
Kentucky.....	2,250	59	5.18	116,550	120	51	61	9	24.0	2,160
Tennessee.....	1,930	67	5.59	107,887				7	21.7	1,519
Alabama.....	710	96	6.84	48,564				7	21.8	1,526
Mississippi.....	960	89	6.18	59,328				3	22.4	672
Arkansas.....	625	68	5.81	36,312				7	23.0	1,610
Louisiana.....	1,000	100	6.77	67,700				7	25.3	1,771
Oklahoma.....	1,155	90	6.02	69,531	1,020	67	683	8	22.2	1,776
Texas.....	2,835	100	6.74	191,079	110	55	60	17	27.8	4,726
South Central	11,465	82	6.08	696,951	1,250	64.3	804	65	24.2	15,760
Montana.....	255	90	5.59	14,254	1,990	69	1,373	3	28.0	840
Idaho.....	1,335	25	4.55	60,742	440	64	282	6	25.1	1,506
Wyoming.....	123	( <sup>2</sup> )	5.36	6,593	440	64	282	1	29.0	290
Colorado.....	745	( <sup>2</sup> )	6.01	44,774	1,080	62	670	22	28.3	6,226
New Mexico.....	258	100	6.18	15,944				18	27.5	4,950
Arizona.....	523	100	6.34	33,158				17	25.7	4,369
Utah.....	700	70	5.20	36,400	70	59	41	24	21.5	5,160
Nevada.....	131	100	5.60	7,336	40	60	24	1	26.5	265
Washington.....	1,815	100	5.68	103,092	700	68	476	32	26.8	8,576
Oregon.....	865	77	5.53	48,267	550	68	374	20	26.8	5,360
California.....	8,385	91	5.15	431,828	190	71	135	196	25.0	49,000
Western.....	15,135	85	5.30	802,388	5,500	66.5	3,657	340	25.5	86,542
Alaska.....	16.3	100	10.73	1,749				3	34.6	104
Hawaii.....	123	100	9.33	11,476				4	31.9	1,276
United States.....	108,442	72	5.46	5,923,193	59,010	69.0	40,744	803	25.9	208,158

See footnotes on page 379.

Table 550.—Farm dairy products: Quantity sold, price, cash receipts, and farm use, gross income, and farm value, by States, 1969 (preliminary)—Continued

State and division	Combined marketings of milk and cream			Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>5</sup>	Farm value of all milk produced <sup>6</sup>	
	Milk utilized	Average returns <sup>3</sup>		Cash receipts from marketings	Milk utilized			Value <sup>4</sup>
		Per 100 pounds milk	Per pound milkfat					
	Million pounds	Dollars	Dollars	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	
Maine	598	6.73	1.82	40,220	14	942	41,162	41,726
New Hampshire	351	6.51	1.71	22,839	8	521	23,360	23,696
Vermont	1,874	6.17	1.65	115,712	19	1,172	116,884	118,032
Massachusetts	669	7.12	1.92	47,650	8	570	48,220	48,558
Rhode Island	78	6.87	1.88	5,358	1	69	5,427	5,496
Connecticut	663	7.01	1.89	46,485	9	631	47,116	47,668
New York	10,074	5.83	1.62	587,747	95	5,538	593,285	601,015
New Jersey	772	6.35	1.74	48,995	9	572	49,567	49,974
Pennsylvania	6,783	6.24	1.69	423,902	128	7,987	431,889	434,678
North Atlantic	21,862	6.12	1.67	1,338,908	291	18,002	1,356,910	1,370,843
Ohio	4,286	5.79	1.54	248,116	85	4,922	253,038	257,366
Indiana	2,315	5.54	1.48	128,313	47	2,604	130,917	132,184
Illinois	3,027	5.14	1.41	155,676	51	2,621	158,197	159,751
Michigan	4,404	5.58	1.53	251,413	50	2,790	254,203	258,689
Wisconsin	17,423	4.86	1.31	846,677	210	10,206	856,883	875,675
East North Central	31,555	5.17	1.40	1,630,095	443	23,143	1,653,238	1,683,665
Minnesota	9,414	4.47	1.26	420,552	143	6,392	426,944	434,797
Iowa	4,570	4.59	1.26	209,679	120	5,508	215,187	219,632
Missouri	2,838	5.10	1.36	144,848	115	5,865	150,713	152,541
North Dakota	1,026	3.72	1.05	38,160	41	1,525	39,685	40,846
South Dakota	1,500	4.30	1.21	64,444	39	1,677	66,121	67,381
Nebraska	1,543	4.50	1.23	69,511	51	2,295	71,806	73,350
Kansas	1,603	5.41	1.48	86,749	48	2,597	89,346	91,267
West North Central	22,494	4.60	1.27	1,033,943	557	25,859	1,059,802	1,079,814
Delaware	133	6.45	1.74	8,583	2	129	8,712	8,772
Maryland	1,530	6.32	1.71	96,757	19	1,201	97,958	98,782
Virginia	1,682	6.09	1.62	102,512	115	7,004	109,516	111,325
West Virginia	355	6.09	1.62	21,634	51	3,106	24,740	25,213
North Carolina	1,314	6.97	1.86	91,650	149	10,385	102,035	103,226
South Carolina	474	7.01	1.77	33,244	26	1,823	35,067	35,471
Georgia	1,066	6.85	1.83	73,073	43	2,946	76,019	76,514
Florida	1,543	7.94	2.09	120,989	10	784	121,773	122,226
South Atlantic	8,097	6.77	1.80	548,442	415	27,378	575,820	581,529
Kentucky	2,272	5.23	1.38	118,771	161	8,420	127,191	128,920
Tennessee	1,944	5.63	1.46	109,406	132	7,432	116,838	118,455
Alabama	724	6.92	1.82	50,090	81	5,605	55,695	56,190
Mississippi	966	6.21	1.59	60,000	85	5,278	65,278	65,888
Arkansas	639	5.93	1.60	37,922	45	2,668	40,590	41,036
Louisiana	1,016	6.84	1.78	69,471	56	3,830	73,301	73,735
Oklahoma	1,201	5.99	1.69	71,990	45	2,696	74,686	76,073
Texas	2,875	6.81	1.89	195,865	87	5,925	201,790	203,415
South Central	11,637	6.13	1.63	713,515	692	41,854	755,369	763,712
Montana	314	5.24	1.44	16,467	28	1,467	17,934	18,340
Idaho	1,359	4.60	1.24	62,530	32	1,472	64,002	65,734
Wyoming	138	5.19	1.44	7,165	12	623	7,788	8,044
Colorado	822	6.29	1.72	51,670	24	1,510	53,180	54,723
New Mexico	296	7.06	1.99	20,894	8	565	21,459	21,745
Arizona	559	6.71	1.89	37,527	8	537	38,064	38,448
Utah	754	5.52	1.53	41,601	20	1,104	42,705	43,222
Nevada	134	5.69	1.58	7,625	2	114	7,739	7,909
Washington	1,900	5.90	1.55	112,144	34	2,006	114,150	116,702
Oregon	921	5.86	1.46	54,001	24	1,406	55,407	56,959
California	8,811	5.46	1.52	480,963	38	2,075	483,038	488,124
Western	16,008	5.58	1.52	892,587	230	12,879	905,466	919,950
Alaska	17.0	10.90	3.03	1,853	.5	54	1,907	1,940
Hawaii	131	9.73	2.86	12,752	1	97	12,849	12,941
United States	111,801	5.52	1.50	6,172,095	2,630	149,266	6,321,361	6,414,394

See footnotes on page 379.

Table 551.—Farm dairy products: Quantity sold, price, cash receipts, farm household consumption, gross income, and farm value, United States, 1960–69<sup>1</sup>

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	<i>Million pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>Million quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
1960.....	103,927	4.21	4,373,174	292,490	60.5	176,860	969	21.7	209,923
1961.....	108,353	4.22	4,568,016	254,720	61.5	156,607	957	21.7	207,667
1962.....	110,678	4.09	4,529,454	218,470	59.4	129,814	914	21.9	200,368
1963.....	111,195	4.10	4,556,278	184,530	59.5	109,886	878	22.2	194,727
1964.....	114,176	4.15	4,737,507	160,650	60.2	96,660	865	22.3	192,666
1965.....	112,716	4.23	4,766,470	132,090	61.1	80,674	851	22.3	189,903
1966.....	109,675	4.81	5,271,099	107,830	67.2	72,509	813	23.2	188,368
1967.....	109,420	5.01	5,486,449	86,290	68.2	58,829	820	24.0	197,147
1968.....	108,767	5.24	5,701,114	71,190	68.7	48,936	826	24.8	205,102
1969 <sup>2</sup> .....	108,442	5.46	5,923,193	59,010	69.0	40,744	803	25.9	208,158

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>5</sup>	Farm value of all milk produced <sup>6</sup>
	Milk utilized	Average returns <sup>3</sup>		Cash receipts from marketings	Milk utilized	Value <sup>4</sup>		
		Per 100 pounds milk	Per pound milkfat					
	<i>Million pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Million pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1960.....	113,951	4.18	1.11	4,759,957	6,610	296,529	5,056,486	5,158,116
1961.....	117,325	4.20	1.12	4,932,290	5,950	265,275	5,197,565	5,296,024
1962.....	118,587	4.10	1.10	4,859,636	5,334	231,515	5,091,151	5,182,148
1963.....	118,144	4.11	1.11	4,860,891	4,813	210,287	5,071,178	5,195,474
1964.....	120,478	4.17	1.13	5,026,833	4,337	192,053	5,218,886	5,304,899
1965.....	118,197	4.26	1.15	5,037,047	3,915	174,999	5,212,046	5,296,432
1966.....	114,411	4.84	1.31	5,531,976	3,508	175,885	5,707,861	5,800,216
1967.....	113,565	5.06	1.37	5,742,425	3,174	166,108	5,908,533	6,008,175
1968.....	112,520	5.29	1.44	5,955,152	2,891	157,742	6,112,894	6,206,735
1969 <sup>2</sup> .....	111,801	5.52	1.50	6,172,095	2,630	149,266	6,321,361	6,414,394

<sup>1</sup> Includes Alaska and Hawaii.

<sup>2</sup> Preliminary.

<sup>3</sup> Cash receipts divided by milk or milkfat represented in combined marketings.

<sup>4</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>5</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

<sup>6</sup> Includes value of milk fed to calves. For 1967, also includes value of milk used for other purposes on farms or not utilized.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 563.

FOOTNOTES FOR TABLE 550

<sup>1</sup> Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.

<sup>2</sup> Not published to avoid disclosing individual operations for manufacturing grade milk.

<sup>3</sup> Cash receipts divided by milk or milkfat represented in combined marketings.

<sup>4</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.

<sup>5</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.

<sup>6</sup> Includes value of milk fed to calves.

Statistical Reporting Service.

**Table 552.—Milk markets under Federal marketing programs: Blend and Class I number of producers, deliveries by producers, producer deliveries used in Class I, fat test of milk delivered by**

Marketing area	Average minimum prices per 100 pounds payable to producers				Average number of producers	
	Blend price <sup>1</sup>		Class I price		1968	1969
	1968	1969	1968	1969		
	Dollars	Dollars	Dollars	Dollars	Number	Number
Appalachian, Tenn.-Va.-W. Va.-Ky. <sup>5</sup>	6.12	6.28	6.36	6.54	749	734
Austin-Waco, Texas <sup>4</sup>	6.65	6.82	6.94	7.11	228	297
Black Hills, S. Dak. <sup>6</sup>	4.98	4.91	6.57	6.66	98	86
Cedar Rapids-Iowa City, Iowa	4.84	5.21	5.41	5.71	375	360
Central Arizona <sup>6</sup>	6.16	6.23	6.70	6.91	186	181
Central Arkansas <sup>7</sup>	6.09	6.04	6.21	6.35	788	771
Central Illinois <sup>8</sup>	4.99	5.23	5.50	5.80	768	708
Central West Texas <sup>9</sup>	6.24	6.60	6.80	6.98	288	265
Chattanooga, Tenn.-Ga.	5.97	6.02	6.50	6.62	574	661
Chicago Regional, Ill.-Wis. <sup>10</sup>	4.79	5.07	5.29	5.61	14,324	16,639
Cincinnati, Ohio-Ky.	5.59	5.67	6.09	6.19	2,696	2,620
Columbus, Ohio	5.41	5.63	5.80	6.04	1,619	1,540
Connecticut <sup>11</sup>	6.44	6.65	7.05	7.38	1,979	1,872
Corpus Christi, Texas <sup>12</sup>	6.84	7.01	7.37	7.48	205	180
Delaware Valley, Pa.-N.J.-Del. <sup>13</sup>	6.17	6.31	6.90	7.24	5,246	5,211
Des Moines, Iowa	5.14	5.38	5.57	5.86	1,129	1,171
Duluth-Superior, Minn.-Wis.	4.59	4.77	5.34	5.51	692	670
Eastern Colorado, Colo.-Kans. <sup>14</sup>	5.87	6.00	6.50	6.61	1,313	1,268
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>15</sup>	5.46	5.63	6.07	6.28	8,785	10,202
Eastern South Dakota, S. Dak.-Iowa-Minn. <sup>16</sup>	5.14	5.42	5.67	5.91	395	380
Fort Smith, Ark.	5.97	6.12	6.22	6.36	147	144
Georgia <sup>17</sup>		6.55		6.81		1,426
Great Basin, Utah-Nev.-Idaho-Wyo. <sup>18</sup>	5.47	5.63	6.44	6.66	912	895
Indiana <sup>19</sup>	5.28	5.44	5.65	5.88	4,634	4,673
Inland Empire, Wash.-Idaho <sup>20</sup>	5.44	5.61	6.19	6.34	452	435
Kansas City, Mo.-Kans. <sup>21</sup>	5.28	5.53	5.81	6.15	2,237	2,192
Knoxville, Tenn.	5.33	5.38	5.73	5.81	758	629
Louisville-Lex.-Evans, Ky.-Ind.	5.43	5.51	5.58	5.91	3,034	3,017
Lubbock-Plainview, Texas	6.10	6.44	6.65	6.83	132	205
Massachusetts-R.I.-N.H. <sup>22</sup>	5.96	6.17	7.05	7.38	8,706	8,380
Memphis, Tenn.-Miss.-Ark.	6.02	6.15	6.21	6.35	752	705
Miami Valley, Ohio <sup>23</sup>	5.62	5.61	6.00	6.13	1,354	1,401
Michigan Upper Peninsula, Mich.-Wis. <sup>24</sup>	5.07	5.33	5.47	5.76	402	375
Minneapolis-St. Paul, Minn.-Wis.	4.71	4.97	5.18	5.48	4,238	4,416
Minnesota-North Dakota, Minn.-N. Dak.-S. Dak. <sup>25</sup>	4.63	4.86	5.29	5.53	1,471	1,489
Mississippi <sup>26</sup>	5.86	6.06	6.71	6.88	1,076	1,067
Nashville, Tenn.-Ky.	5.44	5.65	5.80	6.01	1,182	1,147
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak. <sup>27</sup>	5.30	5.55	5.84	6.01	1,686	1,732
Neosho Valley, Kans.-Mo. <sup>28</sup>	5.09	5.39	5.81	6.06	312	301
New Orleans, La.	6.04	6.10	7.09	7.26	1,306	1,268
New York-New Jersey <sup>29</sup>	5.63	5.87	6.67	7.04	30,040	28,554
North Central Iowa <sup>30</sup>	5.04	5.26	5.34	5.65	872	698
North Texas <sup>31</sup>	5.69	6.03	6.56	6.74	1,809	1,964
Northern Louisiana <sup>32</sup>	6.35	6.52	6.70	6.88	324	303
Northwestern Ohio, Ohio-Mich. <sup>33</sup>	5.34	5.52	5.84	6.11	1,421	1,348
Oklahoma Metropolitan <sup>34</sup>	5.34	5.76	6.21	6.39	1,838	1,594
Paducah, Ky.-Mo.	5.74	5.98	5.96	6.26	350	331
Puget Sound, Wash. <sup>35</sup>	5.19	5.37	6.08	6.26	1,945	1,861
Quad Cities-Dubuque, Iowa-Ill. <sup>36</sup>	4.96	5.14	5.41	5.71	988	973
Red River Valley, Texas-Okla. <sup>37</sup>	5.48	5.66	6.44	6.62	410	389
Rio Grande Valley, N.Mex.-Texas-Colo. <sup>38</sup>	5.63	6.01	6.57	6.76	305	338
St. Louis-Ozarks, Mo.-Ill.-Ark. <sup>39</sup>	5.19	5.50	5.68	6.02	3,331	3,350
San Antonio, Texas	5.94	6.16	6.97	7.15	486	400
South Texas <sup>40</sup>	6.79	6.79	7.01	7.09	1,564	1,234
Southeastern Florida <sup>41</sup>	6.95	7.27	7.30	7.51	88	89
S.E. Minnesota-Northern Iowa, Minn.-Iowa <sup>42</sup>		5.06		5.52		781
Southern Illinois <sup>43</sup>	5.26	5.46	5.64	5.94	2,305	2,476
Southern Michigan <sup>44</sup>	5.23	5.43	5.73	6.01	9,538	9,156
Tampa Bay, Fla.	6.57	6.89	7.10	7.31	133	124
Texas Panhandle, Texas-Okla. <sup>45</sup>	5.79	6.02	6.48	6.66	290	262
Tri-State, W.Va.-Ky.-Ohio <sup>46</sup>	5.54	5.82	5.93	6.16	1,456	1,560
Upper Chesapeake Bay, Md. <sup>47</sup>	6.00	6.18	6.81	7.14	1,967	1,926
Upper Florida <sup>48</sup>	6.76	6.98	7.00	7.21	193	184
Upstate Michigan <sup>49</sup>	5.38	5.55	5.73	5.90	44	40
Washington, D.C.-Va.-Md.	6.12	6.20	6.80	7.14	1,760	1,687
Western Colorado <sup>50</sup>	5.72	5.78	6.44	6.56	76	71
Wichita, Kans. <sup>51</sup>	5.46	5.62	6.03	6.21	862	807

See footnotes on page 384.

milk prices at 3.5 percent fat test, f.o.b. city plant (unless indicated otherwise), Class I utilization percentage, average daily deliveries per producer, and average markets, 1968 and 1969

Producer deliveries <sup>2</sup>		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>
336	348	306	317	91	91	1,226	1,299	3.67	3.66
138	149	125	135	91	91	1,849	2,017	3.54	3.49
59	53	25	19	42	36	1,659	1,700	3.59	3.60
130	125	72	80	55	64	1,034	1,054	3.65	3.68
508	542	409	422	81	78	7,296	8,097	3.54	3.54
265	288	244	242	92	84	1,245	1,389	3.63	3.60
267	260	160	153	60	59	951	1,009	3.71	3.72
191	175	152	150	80	86	1,812	1,829	3.58	3.57
240	310	188	288	78	73	1,141	1,281	3.94	3.91
5,957	7,115	3,192	3,609	54	51	1,143	1,172	3.67	3.67
701	722	522	529	74	73	710	755	3.67	3.65
556	560	431	435	77	78	939	997	3.76	3.74
1,143	1,161	901	887	79	76	1,579	1,699	3.64	3.66
170	161	146	139	86	86	2,326	2,556	3.98	3.94
2,288	2,394	1,621	1,615	71	67	1,192	1,259	3.67	3.68
413	435	285	292	69	67	1,090	1,087	3.68	3.74
175	180	88	93	50	52	690	736	3.75	3.76
695	708	499	506	72	71	1,438	1,540	3.61	3.62
2,767	3,354	1,911	2,297	69	68	874	900	3.70	3.72
177	166	116	112	65	67	1,226	1,197	3.58	3.58
42	45	37	40	89	88	1,329	1,413	3.73	3.70
	811		718		88		2,067		3.74
430	448	265	295	62	61	1,280	1,373	3.64	3.66
1,605	1,670	1,231	1,230	77	74	948	981	3.74	3.74
201	203	132	134	65	66	1,215	1,276	3.82	3.81
1,005	1,000	675	660	67	66	1,228	1,251	3.62	3.65
295	265	222	186	75	70	1,062	1,148	3.74	3.72
998	1,032	741	764	74	74	899	938	3.70	3.70
82	79	65	68	80	86	1,807	2,009	3.62	3.60
3,447	3,569	2,148	2,149	62	60	1,081	1,167	3.73	3.73
309	315	278	278	89	88	1,461	1,575	3.67	3.66
458	498	363	357	79	72	926	973	3.76	3.74
111	109	81	79	73	72	754	798	3.68	3.68
1,629	1,759	755	815	46	46	1,050	1,091	3.73	3.72
501	539	320	206	40	38	944	991	3.54	3.55
457	468	320	336	70	72	1,161	1,235	3.94	3.92
456	482	361	375	79	78	1,055	1,151	3.78	3.74
771	771	512	547	66	71	1,248	1,220	3.62	3.65
113	108	64	65	56	56	1,211	1,181	3.58	3.57
503	536	345	346	68	65	1,053	1,157	3.90	3.86
10,086	10,332	5,395	5,587	53	54	917	991	3.60	3.60
305	253	233	192	77	76	1,108	1,156	3.68	3.69
1,164	1,278	782	947	67	74	1,756	1,796	3.60	3.58
207	212	179	184	86	86	1,745	1,926	3.91	3.86
531	507	376	345	71	68	1,024	1,030	3.72	3.73
771	694	460	490	60	70	1,149	1,196	3.59	3.55
130	121	111	100	86	83	1,013	1,001	3.91	3.98
1,252	1,276	639	667	51	52	1,760	1,878	3.81	3.80
393	401	253	232	64	58	1,122	1,139	3.66	3.68
210	216	123	124	58	57	1,467	1,515	3.56	3.53
362	342	256	257	71	75	4,379	4,271	3.54	3.56
1,303	1,385	861	969	66	70	1,068	1,134	3.69	3.66
322	317	217	219	68	69	2,065	2,302	3.56	3.50
161	639	148	560	92	88	1,419	1,718	3.88	3.69
571	581	496	522	87	90	17,673	17,946	3.72	3.79
	225		126		56		1,183		3.60
774	854	545	546	70	64	919	945	3.66	3.67
3,525	3,625	2,387	2,392	68	66	1,010	1,085	3.62	3.64
353	348	279	287	79	82	7,265	7,666	3.74	3.74
145	120	104	91	71	76	1,372	1,294	3.54	3.52
420	456	324	364	77	80	790	801	3.69	3.68
865	914	600	610	69	69	1,202	1,301	3.68	3.71
457	451	407	401	89	89	6,486	6,723	3.80	3.76
15	15	12	11	78	79	956	1,011	3.59	3.61
1,076	1,115	798	745	74	67	1,672	1,814	3.70	3.71
41	38	28	25	68	66	1,483	1,478	3.70	3.74
414	398	289	278	70	70	1,321	1,341	3.59	3.64

Table 553.—Milk markets under Federal marketing programs: Milk and milk products sold for fluid consumption within defined marketing areas, 1968 and 1969

Marketing area	Whole milk <sup>1</sup>				Skim milk items <sup>2</sup>				Milk and cream mixtures				Cream			
	Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
	Million pounds	Million pounds	Per cent	Per cent	Thousand pounds	Thousand pounds	Per cent	Per cent	Thousand pounds	Thousand pounds	Per cent	Per cent	Thousand pounds	Thousand pounds	Per cent	Per cent
Appalachian, Tenn.-Va.-W. Va.-Ky. . . . .	115	117	3.54	3.53	17,762	20,119	0.75	0.87	408	398	12.4	12.3	173	146	24.0	23.0
Austin-Waco, Texas . . . . .	152	150	3.45	3.42	30,545	32,644	1.37	1.27	1,554	1,429	12.3	12.2	667	625	28.4	28.5
Black Hills, S. Dak. . . . .	22	21	3.38	3.36	8,116	9,669	1.73	1.79	437	422	12.8	12.5	178	184	23.2	23.8
Cedar Rapids-Iowa City, Iowa . . . . .	45	42	3.39	3.42	17,684	20,297	1.13	1.25	1,007	958	12.1	11.5	290	209	21.5	23.2
Central Arizona . . . . .	285	306	3.48	3.48	95,783	92,771	.99	1.10	4,540	4,416	11.3	11.0	2,186	2,230	23.4	22.6
Central Arkansas . . . . .	160	161	3.47	3.45	28,359	30,704	1.47	1.52	1,377	1,292	11.8	11.9	502	560	28.4	26.3
Central Illinois . . . . .	134	126	3.29	3.27	46,987	52,467	1.75	1.71	3,240	2,971	11.2	11.3	916	982	20.2	17.8
Central West Texas . . . . .	108	105	3.36	3.35	34,957	36,950	1.64	1.66	1,423	1,258	12.0	11.9	638	640	28.6	28.2
Chattanooga, Tenn.-Ga. <sup>3</sup> . . . . .	137	137	3.90	3.86	42,686	48,368	1.20	1.30	551	518	12.2	12.2	413	373	26.8	26.6
Chicago Regional, Ill.-Wis. <sup>4</sup> . . . . .	2,583	2,521	3.41	3.40	619,489	650,505	1.60	1.60	66,632	62,009	11.8	11.8	24,466	22,959	20.7	20.7
Cincinnati, Ohio-Ky. . . . .	338	351	3.49	3.50	88,207	95,516	1.56	1.55	4,358	4,209	11.1	10.8	1,340	1,444	22.6	22.8
Columbus, Ohio . . . . .	321	316	3.50	3.50	47,107	54,009	1.39	1.42	3,927	3,589	10.8	10.8	1,316	1,219	21.0	20.4
Connecticut . . . . .	823	791	3.49	3.47	72,164	94,663	1.09	1.21	8,341	8,153	10.9	10.8	11,940	10,823	24.5	24.3
Corpus Christi, Texas . . . . .	122	124	3.48	3.46	17,355	15,086	1.56	1.53	1,239	1,178	11.6	11.7	412	414	25.2	23.6
Delaware Valley, Pa.-N.J.-Del. . . . .	1,223	1,149	3.48	3.42	113,179	128,974	1.00	1.10	12,737	11,546	11.3	11.4	10,231	9,385	22.2	22.0
Des Moines, Iowa . . . . .	151	145	3.64	3.61	54,776	63,699	1.57	1.60	3,626	3,401	12.8	12.7	974	986	24.1	24.1
Duluth-Superior, Minn.-Wis. . . . .	51	48	3.34	3.34	18,097	21,108	1.36	1.46	882	836	12.0	11.9	621	568	27.9	27.6
Eastern Colorado, Colo.-Kans. . . . .	386	371	3.36	3.35	97,649	122,076	1.55	1.64	7,313	6,918	11.7	11.7	3,314	3,049	22.9	22.8
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>5</sup> . . . . .	1,935	1,968	3.51	3.51	319,326	351,559	1.51	1.53	25,578	24,596	10.7	10.6	15,882	14,915	19.7	19.4
Eastern South Dakota, S. Dak.-Iowa-Minn. . . . .	67	63	3.32	3.32	36,274	40,762	1.70	1.73	1,592	1,556	11.4	11.3	608	593	26.0	25.9
Great Basin, Utah-Nev.-Idaho-Wyo. . . . .	184	175	3.44	3.43	96,354	108,917	1.85	1.79	2,399	2,260	12.4	12.4	2,612	2,394	28.9	29.6
Indiana <sup>6</sup> . . . . .	909	863	3.41	3.38	342,721	389,609	1.76	1.74	14,546	13,888	11.6	11.5	4,936	6,084	21.3	19.1
Inland Empire, Wash.-Idaho . . . . .	67	65	3.56	3.53	45,194	51,161	1.82	1.86	1,862	1,810	11.9	11.7	959	919	29.0	28.6
Kansas City, Mo.-Kans. . . . .	425	410	3.35	3.33	131,701	147,641	1.71	1.72	7,747	7,155	11.3	11.4	2,600	2,488	23.5	23.8
Knoxville, Tenn. . . . .	160	151	3.63	3.64	37,620	51,103	.99	1.20	684	651	12.7	12.5	356	355	26.5	25.0
Louisville-Lex.-Evan., Ky.-Ind. . . . .	526	505	3.40	3.38	108,338	124,810	1.54	1.59	5,721	5,229	11.5	11.4	1,571	1,495	24.7	24.0
Lubbock-Plainview, Texas . . . . .	67	65	3.42	3.46	12,583	13,026	1.70	1.71	616	549	11.1	11.3	505	484	28.1	27.2
Massachusetts-R.I.-N.H. . . . .	1,985	1,918	3.56	3.54	163,091	202,730	.95	1.07	7,941	7,906	11.7	11.4	53,108	49,713	21.5	21.3
Memphis, Tenn.-Miss.-Ark. . . . .	185	185	3.53	3.53	34,033	38,937	1.15	1.20	1,822	1,682	12.2	12.1	1,090	1,039	24.5	24.3
Miami Valley, Ohio . . . . .	227	215	3.51	3.51	83,248	88,028	1.67	1.69	2,856	2,596	10.9	10.9	931	842	21.9	22.0



Mich. Upper Peninsula, Mich.-Wis. ....	86	82	3.52	3.52	15,320	19,005	1.43	1.53	1,390	1,290	11.6	11.7	423	402	26.5	26.1
Minneapolis-St. Paul, Minn.-Wis. <sup>7</sup>	358	342	3.28	3.28	216,958	253,932	1.51	1.55	8,536	8,078	10.6	10.6	5,491	5,438	25.0	24.8
Minnesota-N. Dak., Minn.-N.D.-S.D. ....	129	125	3.31	3.30	43,880	50,621	1.45	1.48	2,359	2,350	11.5	11.5	2,372	2,459	29.3	28.7
Mississippi <sup>7</sup>	243	251	3.80	3.81	41,026	45,434	1.50	1.51	1,609	1,576	12.4	12.3	812	804	27.0	25.5
Nashville, Tenn.-Ky. ....	296	291	3.51	3.50	53,467	58,028	.86	.91	1,552	1,475	12.4	12.3	785	777	28.4	27.2
Nebraska-Western Iowa, Nebr.- Iowa-S. Dak. <sup>6</sup>	373	367	3.36	3.34	116,558	129,515	1.56	1.55	9,526	8,505	11.7	11.3	2,600	2,383	23.2	22.5
Neosho Valley, Kans.-Mo. ....	63	65	3.37	3.34	13,319	15,653	1.59	1.58	1,264	1,192	11.8	11.8	285	265	25.2	23.8
New Orleans, La. ....	237	233	3.85	3.85	30,136	35,238	1.61	1.59	2,743	2,624	12.5	12.4	805	766	23.4	23.4
North Central Iowa ....	119	111	3.48	3.47	49,078	53,602	1.60	1.60	2,691	2,402	11.8	11.8	657	546	25.9	24.3
North Texas <sup>8</sup>	565	586	3.39	3.39	176,532	175,659	1.44	1.42	7,746	6,972	11.4	11.4	5,668	4,951	25.2	25.6
Northern Louisiana ....	114	114	3.84	3.82	20,406	21,656	1.72	1.71	716	633	11.4	11.4	514	520	26.0	24.8
Northwestern Ohio, Ohio-Mich	353	328	3.51	3.51	69,656	92,356	1.70	1.69	4,898	4,304	11.0	11.0	1,254	1,097	22.3	22.0
Oklahoma Metropolitan ....	308	308	3.44	3.39	45,253	52,606	1.70	1.68	3,451	3,225	11.6	11.5	1,303	1,165	24.4	22.7
Paducah, Ky.-Mo. ....	72	71	3.47	3.43	12,009	12,665	1.34	1.32	351	336	12.0	12.3	244	237	24.6	23.7
Puget Sound, Wash. ....	440	416	3.52	3.51	179,144	215,508	1.78	1.83	9,479	8,753	11.9	11.9	5,137	5,085	28.2	27.0
Quad Cities-Dubuque, Iowa-Ill	138	134	3.40	3.39	44,578	49,240	1.41	1.44	3,029	2,769	11.9	11.9	741	641	23.0	22.9
Red River Valley, Texas-Okla.	112	113	3.40	3.37	23,242	21,845	1.56	1.57	926	799	11.4	11.2	461	381	24.0	22.3
Rio Grande Valley, N. Mex.- Texas-Colo. ....	291	286	3.51	3.50	31,987	39,138	1.69	1.68	3,191	3,078	11.9	11.9	1,266	1,285	25.2	24.8
St. Louis-Ozarks, Mo.-Ill.-Ark. <sup>6</sup>	523	493	3.33	3.30	169,144	188,169	1.83	1.79	7,367	6,655	11.9	11.9	4,026	4,282	19.0	19.6
San Antonio, Texas ....	172	182	3.42	3.41	18,005	17,828	1.44	1.28	1,634	1,415	11.5	11.3	501	450	25.5	21.1
Southeastern Florida ....	459	479	3.68	3.66	73,723	85,532	.98	1.00	10,803	10,354	10.7	10.9	5,335	5,131	22.7	22.8
Southern Illinois ....	410	401	3.29	3.23	141,014	163,505	1.87	1.82	8,607	8,015	11.3	11.1	2,325	2,153	22.2	20.6
Southern Michigan ....	2,012	1,899	3.51	3.50	305,881	393,446	1.21	1.37	38,917	36,033	10.7	10.6	17,206	16,742	20.9	20.8
Tampa Bay, Fla. ....	317	327	3.61	3.55	52,708	57,803	1.00	1.02	4,355	4,184	11.1	11.1	1,772	1,725	23.6	23.6
Texas Panhandle, Texas-Okla.	79	73	3.38	3.40	12,331	13,592	1.59	1.65	872	786	11.7	11.7	490	428	27.3	26.5
Tri-State, W. Va.-Ky.-Ohio	324	335	3.51	3.50	39,828	45,602	1.34	1.41	2,197	2,058	11.8	11.7	267	259	19.4	19.3
Upper Chesapeake Bay, Md. ....	473	473	3.54	3.54	46,761	49,005	1.13	1.12	5,687	5,287	11.8	11.7	1,435	1,299	23.8	23.7
Upper Florida ....	416	416	3.62	3.53	54,731	59,704	1.01	1.04	2,660	2,314	11.4	11.2	1,533	1,405	24.5	24.5
Washington, D.C.-Va.-Md.	630	616	3.56	3.56	80,858	92,748	1.20	1.29	12,137	11,247	12.2	12.2	7,078	6,377	21.3	21.4
Wichita, Kans. ....	153	142	3.30	3.29	51,053	56,723	1.73	1.70	3,182	3,007	11.0	11.0	896	797	26.4	25.7

MILK MARKETS

<sup>1</sup> Includes flavored whole milk.

<sup>2</sup> Includes plain and fortified skim and part-skim milk, buttermilk and cultured specialties, and flavored milk drinks.

<sup>3</sup> Annual sales for marketing area as defined after the 1968 amendment.

<sup>4</sup> Annual sales represent the area after the 1969 amendment. (The July 1, 1968 amendment merged and expanded the Madison, Milwaukee, Northeastern Wisconsin, Northwestern Indiana, and Rock River Valley markets with the area formerly regulated under the Chicago order and the January 1, 1969 amendment deleted from the Chicago Regional marketing area, the area formerly regulated under Northwestern Indiana.)

<sup>5</sup> Annual sales represent the area after the 1969 amendment. (The July 1, 1968 amendment merged and expanded the Wheeling, Northeastern Ohio, and Youngstown-Warren markets and the May 1, 1969 amendment merged the Eastern Ohio-Western Pennsylvania and Clarksburg markets.)

<sup>6</sup> Annual sales represent the area after the merger and expansion of Nebraska-Western Iowa and Sioux City, May 1, 1968; St. Louis and Ozarks, October 1, 1968; and Indianapolis, Fort Wayne, and the Northwestern Indiana market which was formerly included in the Chicago Regional marketing area, January 1, 1969.

<sup>7</sup> Annual sales for marketing area as defined prior to the 1969 amendment.

Consumer and Marketing Service. Compiled from reports of market administrators.

Table 554.—Federal Milk Order Markets: Measures of growth, 1960–69

Year	Markets (1)		Population of Federal milk marketing areas (2)		Handlers (1)		Producers (2)		Producer deliveries		Producer deliveries used in Class I		Percentage of producer deliveries used in Class I	
	Number		Thousands		Number		Number		Million pounds		Million pounds		Percent	
1960.....	80	88,818	2,259	189,816	44,812	28,758	64.2							
1961.....	81	93,727	2,314	192,947	48,803	29,859	61.2							
1962.....	83	97,353	2,258	186,468	51,648	31,606	61.2							
1963.....	82	100,083	2,144	176,477	52,860	32,964	62.4							
1964.....	77	99,333	2,010	167,503	54,447	33,965	62.4							
1965.....	73	102,351	1,891	158,077	54,444	34,561	63.5							
1966.....	71	98,307	1,724	145,964	53,012	34,805	65.7							
1967.....	74	103,566	1,650	140,657	53,761	34,412	64.0							
1968.....	67	117,013	1,637	141,623	56,444	36,490	64.6							
1969 <sup>4</sup> .....	67	122,319	1,630	144,210	61,029	39,162	64.2							

Year	Prices at 3.5 percent butterfat content per hundredweight <sup>3</sup>		Receipt as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	Dollars	Dollars	Percent	Percent	Pounds	Dollars	Thousand dollars
1960.....	4.88	4.47	64	43	648	10,482	1,989,615
1961.....	4.91	4.45	67	45	704	11,131	2,147,656
1962.....	4.80	4.14	70	47	761	11,854	2,210,330
1963.....	4.78	4.15	70	48	821	12,814	2,261,437
1964.....	4.87	4.23	70	48	888	14,174	2,374,137
1965.....	4.93	4.31	70	48	944	15,300	2,418,526
1966.....	5.55	4.95	70	48	994	18,526	2,630,908
1967.....	5.85	5.17	70	49	1,056	20,321	2,858,351
1968.....	6.23	5.53	74	52	1,089	22,561	3,195,087
1969 <sup>4</sup> .....	6.50	5.74	78	56	1,159	24,891	3,589,583

<sup>1</sup> End of year. (Date on which pricing provisions became effective.)

<sup>2</sup> End of year.

<sup>3</sup> Average for year.

<sup>4</sup> Preliminary.

<sup>5</sup> Prices are simple averages for 1960-61 and weighted averages for 1962-69.

Consumer and Marketing Service. Compiled from reports of market administrators. Data for 1947-59 in *Agricultural Statistics, 1967*, table 567.

## FOOTNOTES FOR TABLE 552

<sup>1</sup> Minimum blend price in market pools; weighted average of dealers' blend prices in individual-handler pools; weighted average of base and excess payments where such payments are used. <sup>2</sup> Excludes producer-handlers who purchase no milk from other producers. <sup>3</sup> Bristol, Tennessee. <sup>4</sup> Zone I-New Braunfels, Texas. <sup>5</sup> Rapid City, South Dakota. <sup>6</sup> Phoenix. <sup>7</sup> Little Rock. <sup>8</sup> Peoria. <sup>9</sup> Abilene. <sup>10</sup> Merger of Northeastern Wisconsin, Milwaukee, Rock River Valley, and Madison effective July 1, 1968. January-June 1968, weighted average of combined markets. July 1968-December 1969, Zone I. <sup>11</sup> Blend price includes approximately 43.4 cents for 1968 and 43.5 cents for 1969 per hundredweight to nearby and intermediate producers. <sup>12</sup> Mercedes. <sup>13</sup> Philadelphia. <sup>14</sup> Denver. <sup>15</sup> Merger of Northeastern Ohio, Youngstown-Warren, and Wheeling effective July 1, 1968; and Clarksburg merged May 1, 1969. Weighted average of combined markets. Cleveland-Erie District (Pittsburgh district plus 10 cents). <sup>16</sup> Sioux Falls. <sup>17</sup> Atlanta, April-December. <sup>18</sup> Salt Lake City, Utah. <sup>19</sup> Indianapolis. Merger of Indianapolis, Fort Wayne, and Northwestern Indiana effective January 1, 1969. Weighted average of combined markets for 1968. <sup>20</sup> Spokane, Washington. <sup>21</sup> Kansas City and Topeka. <sup>22</sup> Boston nearby plant price. Price at 201-210 mile zone, 40 cents less. <sup>23</sup> Dayton. <sup>24</sup> Class I price at Zone II (Marquette). <sup>25</sup> Base zone ( Fargo). <sup>26</sup> Gulfport: Jackson and Greenville 16 cents less. <sup>27</sup> Eastern zone (Omaha), January-April 1968; and Zone I, May 1968-December 1969. <sup>28</sup> Pittsburg, Kansas. <sup>29</sup> New York metropolitan area price excludes a 5-cent direct delivery differential. Price at 201-210 mile zone, 24 cents less. <sup>30</sup> Zone I (Waterloo). <sup>31</sup> Dallas and Fort Worth, January-September 1968; and Zone I (Dallas), October 1968-December 1969. <sup>32</sup> Monroe and Shreveport. <sup>33</sup> Toledo. <sup>34</sup> Oklahoma City. <sup>35</sup> District I (Seattle). <sup>36</sup> Rock Island, Illinois. <sup>37</sup> Wichita Falls, Texas. <sup>38</sup> Albuquerque, Santa Fe, and El Paso. <sup>39</sup> Zone I (St. Louis). Ozarks merged with St. Louis effective October 1968. Weighted average January-September 1968. <sup>40</sup> Houston, October-December 1968. <sup>41</sup> Miami. <sup>42</sup> May-December. <sup>43</sup> Base Zone. <sup>44</sup> Detroit. Price excludes an 8-cent direct delivery differential. <sup>45</sup> Amarillo. <sup>46</sup> Charleston-Huntington, West Virginia. <sup>47</sup> Baltimore. <sup>48</sup> Jacksonville and Tallahassee. <sup>49</sup> Traverse City. <sup>50</sup> Grand Junction. <sup>51</sup> Zone I.

Consumer and Marketing Service. Compiled from reports of market administrators.

**Table 555.—Fluid whole milk, prevailing price paid by consumers for the most common grade:<sup>1</sup> Average per half gallon, delivered to homes in specified cities, 1960–69**

City	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
	<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, Mass.	52.6	53.3	52.8	50.8	52.2	52.7	56.8	59.7	61.6	65.0
Hartford, Conn.	49.1	50.2	52.7	55.2	55.2	57.3	61.2	63.7	65.6	67.8
New York Metropolitan <sup>2,3</sup>					51.7	51.2	53.4	55.0	54.8	58.0
Philadelphia, Pa.	54.6	54.9	54.5	54.2	56.8	57.2	59.4	63.6	65.1	70.9
Pittsburgh, Pa.	53.1	53.0	52.3	52.3	51.8	51.0	53.1	56.4	59.4	62.8
Cleveland, Ohio	43.3	45.5	44.8	43.9	42.3	42.8	49.0	53.8	59.6	61.0
Indianapolis, Ind.	44.2	45.0	45.0	45.0	45.2	46.1	50.7	55.4	59.8	63.0
Chicago, Ill.	54.5	54.1	54.2	55.5	54.1	54.0	56.9	59.2	61.3	64.2
Detroit, Mich.	47.4	48.0	47.0	47.0	47.0	47.5	51.2	55.2	58.7	60.8
Milwaukee, Wis.	46.4	47.1	46.2	45.5	46.2	46.5	48.3	48.9	53.8	56.0
Minneapolis, Minn.	39.8	41.0	41.8	42.1	42.5	43.5	48.5	50.0	50.8	52.9
Kansas City, Mo.	45.5	46.8	46.8	45.2	47.0	48.4	52.3	53.4	56.5	60.8
Omaha, Nebr.	46.8	48.0	48.0	48.0	48.0	48.0	50.2	50.0	50.8	54.4
Baltimore, Md.	50.8	51.1	53.0	52.9	54.7	56.2	60.2	63.3	65.7	68.4
Washington, D.C.	51.8	53.5	54.2	55.2	56.1	57.0	60.7	65.0	67.1	70.1
Jacksonville, Fla.	55.0	55.0	55.0	55.0	56.6	57.1	59.7	62.2	63.0	67.9
Louisville, Ky.	47.3	48.2	47.0	47.0	48.7	49.0	53.6	56.5	58.6	61.0
New Orleans, La.	52.7	48.9	48.0	53.2	55.2	55.4	56.8	60.2	60.8	62.7
Dallas, Tex.	50.0	46.9	45.1	47.0	48.9	48.8	56.1	59.7	61.2	63.2
Denver, Colo.	49.1	48.8	45.4	48.4	50.8	46.9	52.2	54.8	53.2	56.2
Salt Lake City, Utah	48.0	48.8	49.5	49.1	47.8	47.0	48.8	50.0	52.0	56.0
Seattle, Wash. <sup>3</sup>					54.8	51.5	52.7	53.5	56.1	57.2
Portland, Ore.	52.5	52.3	53.3	54.0	54.8	56.0	59.2	61.5	63.2	66.9
Los Angeles, Calif.	50.6	51.6	53.0	54.0	54.1	55.8	56.9	57.8	60.9	62.0
San Francisco, Calif.	51.5	52.2	53.5	54.0	54.0	53.2	54.0	55.8	56.5	59.8
Average 25 cities <sup>4</sup>	49.4	49.7	49.8	50.3	51.0	51.2	54.5	57.0	59.0	62.0
Buffalo, N.Y.	57.5	55.1	55.6	56.6	57.1	57.2	60.2	63.3	66.8	69.9
Cincinnati, Ohio	48.4	49.0	48.9	50.0	49.2	49.2	52.5	56.3	57.5	58.2
St. Louis, Mo.	45.8	49.0	47.8	47.6	48.7	48.8	53.6	57.8	63.0	66.3
Fargo, N. Dak.	42.5	43.0	43.0	42.2	41.0	43.0	46.2	49.7	54.1	55.3
Winston-Salem, N.C.	53.0	53.0	53.2	54.0	54.8	55.2	56.5	59.0	59.0	62.4
Atlanta, Ga.	52.7	53.0	53.0	53.0	54.5	56.7	57.7	61.0	61.0	62.8
Miami, Fla.	53.7	57.0	57.0	56.1	59.0	59.0	60.7	61.2	61.5	65.8
Memphis, Tenn.	45.3	45.7	46.7	47.0	45.7	47.0	49.2	52.8	55.5	58.3
Birmingham, Ala.	54.0	54.2	55.0	55.0	54.0	54.4	55.0	57.9	59.0	61.5
Oklahoma City, Okla.	49.2	50.0	48.8	50.3	52.9	53.4	54.7	57.2	59.8	61.2
Houston, Tex.	53.9	53.5	51.0	49.8	50.4	51.3	54.6	58.3	62.0	67.2
Phoenix, Ariz.	50.1	52.0	48.0	44.5	46.8	43.9	50.4	55.0	55.8	57.7

<sup>1</sup> Grade and kind of container may differ by market.  
<sup>2</sup> New York City plus Nassau, Suffolk, and Westchester counties.  
<sup>3</sup> Not available prior to 1964.  
<sup>4</sup> Simple averages; averages for 23 cities prior to 1964.

Statistical Reporting Service.

Table 556.—Fluid whole milk, prevailing price paid by consumers for the most common grade: <sup>1</sup> Average per half gallon sold out of stores in specified cities, 1960–69

City	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
	<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, Mass.	42.8	44.9	43.6	44.2	45.0	45.0	47.7	47.8	49.6	53.0
Hartford, Conn.	43.1	43.7	45.5	47.1	47.4	48.1	50.1	50.0	52.1	54.7
New York Metropolitan <sup>2</sup>	54.0	52.7	53.2	50.6	47.3	48.3	50.7	51.1	52.3	55.6
Philadelphia, Pa.	48.0	47.9	47.0	47.0	49.3	50.5	53.8	56.1	58.3	61.8
Pittsburgh, Pa.	51.1	50.5	49.5	49.3	49.0	48.5	50.7	53.0	55.5	58.5
Cleveland, Ohio	40.8	42.0	41.2	39.7	38.3	37.7	43.2	47.7	50.8	51.0
Indianapolis, Ind.	41.8	41.0	40.2	40.0	39.9	38.5	41.8	47.1	48.0	50.0
Chicago, Ill.	48.5	46.2	46.3	47.0	47.0	47.0	50.2	54.8	58.8	59.7
Detroit, Mich.	42.6	44.0	40.4	38.0	37.3	35.9	41.6	46.0	50.3	52.5
Milwaukee, Wis.	38.7	40.1	39.6	39.1	39.1	39.6	43.3	42.2	45.3	50.3
Minneapolis, Minn.	35.3	34.8	35.0	34.3	35.0	35.4	39.6	38.8	40.5	41.0
Kansas City, Mo.	40.3	41.3	41.8	39.8	41.2	43.7	45.4	45.5	48.2	52.8
Omaha, Nebr.	45.8	47.0	47.0	47.0	47.0	47.0	47.4	44.5	48.3	50.2
Baltimore, Md.	51.2	49.6	51.0	50.3	51.7	53.2	57.2	53.2	54.4	57.2
Washington, D.C.	48.5	44.0	45.6	46.2	48.0	49.0	52.6	51.0	52.6	55.4
Jacksonville, Fla.	54.6	56.0	56.2	56.0	57.1	58.0	60.8	64.3	63.3	63.6
Louisville, Ky.	44.3	44.9	43.6	44.0	44.8	45.4	49.3	49.3	51.4	54.2
New Orleans, La.	51.5	47.4	45.5	50.4	52.2	53.0	54.8	59.0	59.8	61.7
Dallas, Tex.	48.0	42.9	43.7	44.5	46.4	47.2	54.0	57.7	60.0	61.2
Denver, Colo.	47.2	47.0	42.8	46.1	48.9	43.0	48.4	49.0	47.8	50.2
Salt Lake City, Utah	47.0	48.0	49.0	49.0	49.0	49.0	51.7	53.0	53.3	55.0
Seattle, Wash.	46.8	49.0	48.4	47.2	47.3	47.5	48.8	51.0	53.0	55.0
Portland, Ore.	47.3	47.1	48.2	49.5	50.4	50.0	54.4	55.8	55.5	58.0
Los Angeles, Calif.	44.6	45.1	46.0	47.0	47.0	47.0	47.9	48.6	49.3	49.0
San Francisco, Calif.	47.5	48.2	49.5	50.0	50.0	48.3	48.6	49.8	51.0	50.7
Average, 25 cities <sup>3</sup>	46.1	45.8	45.6	45.8	46.2	46.2	49.4	50.7	52.4	54.5
Buffalo, N.Y.	49.5	48.3	49.7	51.0	48.3	46.3	49.2	51.8	54.2	58.6
Cincinnati, Ohio	46.2	47.1	47.4	48.0	46.8	44.5	45.7	51.0	51.6	47.7
St. Louis, Mo.	39.4	42.6	42.3	41.7	42.6	44.0	49.3	49.7	52.9	52.2
Fargo, N.D.	41.4	41.5	41.5	42.2	41.6	42.5	45.8	49.2	53.6	54.9
Winston-Salem, N.C.	53.0	53.0	53.3	55.0	53.0	53.0	56.8	59.0	56.3	61.4
Atlanta, Ga.	54.7	55.0	55.0	54.3	53.0	54.7	55.7	59.0	59.5	63.8
Miami, Fla.	52.5	53.0	53.0	52.3	61.0	61.0	63.1	59.8	64.0	66.0
Memphis, Tenn.	42.1	40.6	39.5	39.6	37.3	39.0	46.5	50.2	52.6	55.5
Birmingham, Ala.	54.0	54.2	55.0	55.0	54.0	54.4	55.0	56.9	57.5	58.4
Oklahoma City, Okla.	47.0	48.0	46.8	48.7	51.0	51.5	53.8	55.0	58.0	59.2
Houston, Tex.	47.4	44.3	44.5	44.8	46.8	47.4	52.6	54.7	57.2	62.8
Phoenix, Ariz.	48.2	48.5	42.2	40.6	43.2	42.1	48.3	52.6	51.7	51.5

<sup>1</sup> Grade and kind of container may differ by market.<sup>2</sup> New York City plus Nassau, Suffolk, and Westchester counties.<sup>3</sup> Simple averages.

Statistical Reporting Service.

Table 557.—Cream (40-percent butterfat): Average wholesale price per 40-quart can, New York, Philadelphia, and Boston, 1960–69

Year	New York	Philadelphia	Boston	Year	New York	Philadelphia	Boston
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1960	35.10	24.52	28.26	1965	34.79	26.01	25.94
1961	35.84	25.19	28.56	1966	37.50	28.50	27.95
1962	34.15	25.56	27.82	1967	38.12	28.35	28.24
1963	34.14	<sup>1</sup> 25.00	<sup>2</sup> 27.70	1968	( <sup>3</sup> )	28.31	28.77
1964	34.14	25.75	25.55	1969	28.00	27.89	28.25

<sup>1</sup> Southeastern Pennsylvania, including Philadelphia.<sup>2</sup> New England area, including Boston.<sup>3</sup> Too few sales during year to report yearly average price.Consumer and Marketing Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 570.

Table 558.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1960-69

Year	Milk cows, per head <sup>1</sup>	Milk per 100 pounds <sup>2</sup>						Milkfat in cream, per pound <sup>4</sup>
		Eligible for fluid market <sup>3</sup>		Of manufacturing grade		All milk wholesale		
		Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test	
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Cents</i>
1960.....	223.00	4.69	3.74	3.25	3.77	4.21	3.75	60.5
1961.....	224.00	4.65	3.73	3.36	3.75	4.22	3.74	61.5
1962.....	221.00	4.54	3.73	3.20	3.75	4.09	3.74	59.4
1963.....	215.00	4.53	3.72	3.21	3.71	4.10	3.72	59.5
1964.....	209.00	4.58	3.71	3.26	3.70	4.15	3.71	60.2
1965.....	212.00	4.63	3.71	3.34	3.70	4.23	3.70	61.1
1966.....	246.00	5.17	3.70	3.97	3.69	4.81	3.69	67.2
1967.....	260.00	5.43	3.69	4.06	3.68	5.02	3.69	68.2
1968.....	274.00	5.67	3.67	4.22	3.67	5.24	3.67	68.4
1969 <sup>5</sup> .....	300.00	5.87	3.68	4.45	3.67	5.49	3.67	69.0

Year	Prices paid by plants for manufacturing grade milk of average fat test for specific purposes <sup>6</sup>							
	Milk for evaporated milk <sup>7</sup>		Milk for butter and byproducts		Milk for cheese			
	Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test	American cheese		All cheese	
					Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
1960.....	3.39	3.99	3.17	3.71	3.30	3.84	3.29	3.79
1961.....	3.45	3.97	3.37	3.69	3.35	3.82	3.35	3.79
1962.....	3.28	3.96	3.24	3.71	3.21	3.82	3.20	3.78
1963.....	3.31	3.95	3.21	3.68	3.24	3.77	3.25	3.75
1964.....	3.37	3.92	3.26	3.66	3.28	3.76	3.29	3.73
1965.....	3.41	3.90	3.34	3.67	3.36	3.76	3.39	3.74
1966.....	3.98	3.88	3.90	3.68	4.03	3.75	4.04	3.73
1967.....	4.10	3.87	4.08	3.69	4.06	3.74	4.05	3.73
1968.....	4.21	3.83	4.25	3.68	4.22	3.73	4.23	3.73
1969 <sup>5</sup> .....	4.39	3.82	4.42	3.68	4.51	3.72	4.54	3.72

<sup>1</sup> Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year.

<sup>2</sup> Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk market administrators, cooperative milk-marketing associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>3</sup> Milk eligible for fluid market, including surplus diverted to manufacturing.

<sup>4</sup> Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

<sup>5</sup> Preliminary.

<sup>6</sup> Monthly average prices and tests weighted by estimated production in each month. Price f.o.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>7</sup> Includes milk for canned condensed milk.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 564.

**Table 559.—Fluid milk: Prices paid by dealers per hundredweight for milk used in fluid products (3.5 percent milkfat basis), by regions, 1960–69<sup>1</sup>**

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>
1960.....	6.16	6.17	4.54	4.31	6.05	5.30	5.52	5.48	5.34	5.48
1961.....	5.94	5.98	4.62	4.35	6.00	5.34	5.56	5.45	5.34	5.42
1962.....	5.96	5.89	4.57	4.20	5.94	5.27	5.33	5.24	5.35	5.35
1963.....	6.00	5.80	4.48	4.26	5.88	5.34	5.45	5.25	5.31	5.31
1964.....	6.02	5.82	4.52	4.33	5.91	5.43	5.55	5.33	5.32	5.35
1965.....	5.95	5.83	4.58	4.39	5.94	5.49	5.54	5.37	5.34	5.39
1966.....	6.46	6.20	5.22	5.11	6.31	5.90	6.24	5.96	5.47	5.82
1967.....	6.79	6.30	5.68	5.45	6.69	6.30	6.69	6.22	5.65	6.20
1968.....	7.04	6.68	5.98	5.89	6.88	6.56	7.14	6.50	5.86	6.50
1969 <sup>2</sup> .....	7.37	7.03	6.14	6.08	7.14	6.76	7.33	6.65	5.98	6.70

<sup>1</sup> Regional and U.S. averages based on prices for individual markets weighted by population. Prices for Federal order markets include prevailing premiums above minimum Class I prices, as reported by principal producers' associations. Prices in this table do not represent returns to producers. U.S. average prices received by producers for milk eligible for fluid market are shown in table 558.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 571.

**Table 560.—Milk: Average price per hundredweight paid producers by condenseries for milk of actual milkfat content, to be used primarily for evaporated milk, by geographic divisions, 1960–69<sup>1</sup>**

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-western <sup>3</sup>	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>
1960.....	3.13	3.49	3.43	3.40	3.51	3.42	3.35	3.39
1961.....	3.25	3.46	3.44	3.54	3.52	3.51	3.44	3.45
1962.....	3.14	3.35	3.24	3.40	3.40	3.19	3.25	3.28
1963.....	3.24	3.36	3.27	3.40	3.43	3.26	3.29	3.31
1964.....	3.31	3.42	3.31	3.45	3.44	3.27	3.49	3.37
1965.....	3.41	3.43	3.36	3.52	3.45	3.37	3.56	3.41
1966.....	4.00	4.03	4.09	4.02	3.99	3.83	3.99	3.98
1967.....	4.11	4.20	4.18	4.04	4.08	3.98	4.11	4.10
1968.....	4.35	4.28	4.32	4.14	4.16	4.05	4.24	4.21
1969 <sup>4</sup> .....	4.43	4.41	4.50	4.41	4.33	4.36	4.42	4.39

<sup>1</sup> All prices are f.o.b. factory. Geographic division prices are straight averages of monthly prices. U.S. prices represent weighted average prices of milk used for evaporated milk.

<sup>2</sup> Montana, Wyoming, Idaho, Washington, and Oregon.

<sup>3</sup> Colorado, New Mexico, Arizona, Nevada, Utah, and California.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1948-59 in *Agricultural Statistics, 1967*, table 572.

Table 561.—Dairy products: Factory production of specified items, by States, 1966-68

State and division	Creamery butter (including whey butter)			Total American cheese <sup>2</sup>			Total cheese <sup>3</sup>		
	1966	1967	1968 <sup>1</sup>	1966	1967	1968 <sup>1</sup>	1966	1967	1968 <sup>1</sup>
	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.....	75	79	77						
New Hampshire.....									
Vermont.....	5,273	6,915	4,906	8,932	8,980	9,556	21,523	24,035	25,085
Massachusetts.....							4,484	5,182	5,848
Rhode Island.....									
Connecticut.....								810	831
New York.....	36,574	50,818	32,343	44,717	40,884	37,745	138,899	134,101	133,140
New Jersey.....							4,143	5,572	6,200
Pennsylvania.....	13,354	15,824	16,236	2,121			405	20,686	20,871
North Atlantic <sup>4</sup> .....	55,342	73,706	53,611	55,776	50,092	47,710	191,034	191,125	190,028
Ohio.....	18,514	18,760	17,857	13,597	12,535	9,815	46,380	47,456	41,316
Indiana.....	16,795	21,962	20,078	20,624	18,581	16,584	29,811	27,205	24,803
Illinois.....	21,560	26,801	26,991	13,387	13,298	14,457	86,320	86,643	85,207
Michigan.....	30,516	31,859	25,908	23,932	20,865	18,485	36,118	31,990	30,790
Wisconsin.....	222,397	254,835	225,518	559,764	580,650	586,525	820,379	828,976	847,007
East North Central.....	309,782	354,217	316,352	631,304	645,930	645,866	1,019,008	1,022,270	1,029,123
Minnesota.....	312,788	316,575	330,136	79,560	88,631	91,881	91,408	100,094	111,188
Iowa.....	124,607	127,198	115,965	76,757	76,202	72,017	85,494	87,890	93,294
Missouri.....	29,583	32,907	29,999	83,135	99,158	93,192	94,443	118,506	108,093
North Dakota.....	34,639	31,295	29,871	20,390	27,329	32,449	20,412	27,329	32,449
South Dakota.....	34,811	35,411	36,545	26,418	32,329	35,759	33,511	39,848	44,694
Nebraska.....	44,084	42,496	39,391	13,156	17,501	22,486	14,391	20,882	26,030
Kansas.....	16,636	20,521	19,031	22,049	21,158		22,550	21,158	22,717
West North Central.....	597,148	606,403	600,938	321,465	362,308	370,437	361,709	415,707	438,465
District of Columbia.....									
Delaware.....									
Maryland.....	2,800	6,443							
Virginia.....	1,047	2,362	1,867						
West Virginia.....									
North Carolina.....									
South Carolina.....									
Georgia.....	235	210	153						
Florida.....									
South Atlantic <sup>4</sup> .....	4,719	9,498	9,394	6,306	7,346	6,032	6,318	7,354	6,043
Kentucky.....	14,158	17,796	15,209	60,300	57,511	56,595	62,135	59,765	58,715
Tennessee.....	8,721	13,593	11,441	33,900	36,875	38,855	45,345	48,468	49,896
Alabama.....				2,771	4,307	3,222	2,771	4,307	3,222
Mississippi.....	1,978	2,986	2,187	11,972	13,736	9,042	11,972	13,736	9,042
Arkansas.....				9,404	12,366	9,798	17,893	19,895	16,421
Louisiana.....	1,050	1,803	1,518	131	95	72	1,820	2,409	2,151
Oklahoma.....	15,872	19,591	17,850	6,323	5,972	6,498	6,323	5,973	6,500
Texas.....	5,126	6,244	5,650	7,639	8,702	11,243	7,639	8,702	11,243
South Central.....	49,365	64,960	56,197	132,440	139,564	135,325	155,898	163,255	157,190
Montana.....	3,430	3,106	3,043	2,898	2,931	2,991	3,869	3,711	3,903
Idaho.....	24,346	24,455	26,391	32,730	32,528	34,808	43,019	47,046	52,707
Wyoming.....	1,878	1,645	1,473				2,706	2,535	
Colorado.....	6,304	5,466	5,663	349	993		3,805	4,464	
New Mexico.....									
Arizona.....									
Utah.....	5,978	6,510	7,065	8,050	9,614	12,209	14,281	16,523	20,286
Nevada.....									
Washington.....	18,338	15,613	14,446	8,185	5,160	4,966	14,896	13,689	13,475
Oregon.....	8,979	10,466	12,672	17,860	17,188	12,991	18,022	17,507	13,589
California.....	26,344	46,499	55,624	2,258	2,356	2,564	19,090	13,473	12,481
Western <sup>4</sup> .....	95,653	116,165	128,337	73,046	71,099	70,966	120,035	119,119	123,067
United States.....	1,112,009	1,224,949	1,164,829	1,220,337	1,276,339	1,276,336	1,854,002	1,918,830	1,943,916

See footnotes at end of table.

Table 561.—Dairy products: Factory production of specified items, by States, 1966-68—Continued

State and division	Evaporated whole milk (case goods)			Nonfat dry milk			Total ice cream		
	1966	1967	1968 <sup>1</sup>	1966	1967	1968 <sup>1</sup>	1966	1967	1968 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine							3,583	3,757	4,106
New Hampshire							1,705	1,514	1,554
Vermont				21,309	19,660	19,975	359	358	354
Massachusetts							39,475	37,144	40,173
Rhode Island							1,855	1,687	2,132
Connecticut							10,936	11,534	12,131
New York				132,927	126,970	91,641	75,178	74,937	75,762
New Jersey							21,782	21,400	21,830
Pennsylvania	110,844	83,835	102,057	36,683	34,017	32,905	72,266	69,413	72,764
North Atlantic	4195,654	4162,270	4184,613	4202,536	4192,351	4156,337	227,139	221,744	230,806
Ohio	235,186	210,875	184,252	28,717	31,511	32,227	43,807	44,956	46,889
Indiana				10,884	10,180	9,369	27,583	26,822	26,581
Illinois	55,643			2,466			41,768	41,029	43,534
Michigan				47,837	40,105	40,141	35,033	33,752	36,527
Wisconsin	72,642	56,843	51,565	272,470	287,578	253,807	23,593	21,893	22,225
East North Central	4420,923	4345,021	4314,279	4362,374	4370,458	4335,968	171,784	168,452	175,756
Minnesota				532,805	557,214	562,126	23,327	24,002	25,277
Iowa				180,010	187,279	171,955	10,625	9,838	10,095
Missouri				14,547	19,691	14,029	15,921	15,907	16,454
North Dakota							2,860	2,836	2,911
South Dakota				46,214	48,978	52,283	1,690	1,593	1,518
Nebraska				41,456	43,468	44,933	10,116	10,400	10,111
Kansas				14,817	25,723	25,536	5,445	5,914	6,668
West North Central	4137,190	4101,713	4103,689	4838,468	4891,855	4881,596	69,984	70,490	73,034
District of Columbia							7,099	7,397	8,295
Delaware							5,091	5,207	5,158
Maryland							14,543	14,052	14,017
Virginia	70,652	76,648	66,208	4,325	5,528	4,161	11,154	10,479	9,810
West Virginia							6,047	5,818	3,724
North Carolina							17,120	17,563	18,224
South Carolina							5,269	5,547	5,279
Georgia							9,228	9,127	9,316
Florida							18,027	18,641	20,660
South Atlantic	4172,961	4185,215	4177,628	415,752	419,411	421,526	93,584	93,631	95,383
Kentucky	214,652	189,994	150,802		7,874		4,937	5,654	5,788
Tennessee	150,451	111,185	71,349		12,206	10,230	14,278	14,678	15,318
Alabama							8,118	8,054	9,242
Mississippi				2,050	4,710	4,722	3,444	3,523	3,737
Arkansas							2,983	3,099	2,952
Louisiana							8,359	8,460	9,062
Oklahoma				10,538	13,017	15,797	5,701	5,848	6,156
Texas				10,030	18,666	13,238	26,039	26,948	27,788
South Central	4455,160	4393,371	4306,007	435,186	459,932	452,186	73,859	76,244	80,093
Montana							2,141	2,124	2,012
Idaho				45,312	44,859	46,158	3,021	3,226	3,408
Wyoming							636	697	722
Colorado							8,129	7,761	7,573
New Mexico							1,475	1,166	1,233
Arizona							4,539	4,232	4,288
Utah				6,842	6,488	8,622	4,197	4,520	4,569
Nevada							799	773	871
Washington				19,442	15,070	15,931	13,311	13,661	13,816
Oregon				4,761	7,121	9,223	6,472	6,693	6,700
California	157,345	140,350	139,800	47,952	65,542	74,744	67,746	67,651	69,806
Western	4327,376	4305,576	4273,742	4125,524	4144,643	4156,802	112,466	112,504	114,998
Alaska and Hawaii							2,343	2,344	2,331
United States	1,709,264	1,493,166	1,359,958	1,579,840	1,678,650	1,604,415	751,159	745,409	772,401

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.<sup>3</sup> Excluding full-skim American cheese and cottage, pot, and bakers' cheese.<sup>4</sup> Includes data for individual States which have less than 3 plants and are not shown separately.



Table 562.—Dairy products: Quantities manufactured, United States, 1961-68<sup>1</sup>

Product	1961	1962	1963	1964	1965	1966	1967	1968 <sup>2</sup>
	<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>
Creamery butter	1,484,126	1,537,143	1,419,688	1,441,502	1,324,582	1,112,009	1,224,949	1,164,829
American cheese:								
Whole milk:								
Part skim	1,148,761	1,094,487	1,108,351	1,157,311	1,158,285	1,220,337	1,276,339	1,276,336
Full skim	7,079	7,614	6,766	7,190	8,287	7,350	7,469	5,761
Swiss cheese (including block)	4,519	4,193	4,422	3,927	3,431	5,583	4,600	3,547
Munster cheese	120,508	109,412	119,906	121,844	122,732	136,664	132,204	139,613
Brick cheese	22,987	23,346	24,019	28,820	30,742	29,852	29,434	28,913
Limbarger cheese	23,687	23,382	23,990	23,576	22,288	22,869	21,573	20,921
Cream and Neufchatel cheese	3,308	3,616	3,255	2,876	2,959	3,182	2,503	2,710
Blue mold cheese	109,513	121,698	115,415	120,184	122,709	116,384	121,654	118,859
All Italian varieties of cheese	16,205	14,507	15,416	16,835	19,000	20,198	18,573	19,375
All other varieties of cheese	161,799	172,002	192,228	219,713	244,470	271,119	284,456	314,669
Total of all cheese <sup>3</sup>	20,658	21,968	22,471	25,282	23,984	26,047	24,625	26,759
Total of all cheese <sup>3</sup>	1,634,505	1,592,022	1,631,817	1,723,636	1,755,456	1,854,002	1,918,830	1,943,916
Cottage cheese:								
Curd <sup>4</sup>	578,000	590,072	603,369	622,790	629,757	623,469	625,708	651,124
Creamed	774,081	783,721	800,222	831,795	837,357	834,004	841,104	870,943
Partially creamed <sup>4</sup>	29,866	28,516	27,473	30,044	26,810	27,007	26,888	31,130
Condensed milk (sweetened):								
Case goods:								
Unskimmed	69,837	74,062	78,956	94,623	95,948	128,597	64,376	87,428
Bulk goods:								
Skimmed	52,236	56,742	55,837	57,927	53,551	60,538	62,505	69,254
Unskimmed	50,125	51,347	58,704	59,568	64,484	65,154	63,562	67,270
Unsweetened condensed milk (plain condensed):								
Bulk goods:								
Skimmed	803,287	817,613	779,133	831,372	903,168	966,852	871,925	849,464
Unskimmed	394,374	354,419	334,012	352,579	324,363	293,450	264,644	284,991
Evaporated milk (unsweetened) case goods:								
Skimmed	11,995	11,747	11,365	10,393	10,405	10,481	49,994	22,108
Unskimmed	2,117,467	1,928,834	1,897,278	1,888,060	1,692,974	1,709,264	1,493,166	1,359,958
Concentrated skim milk (for animal feed)	4,484	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Condensed or evaporated buttermilk	6,564	4,748	6,017	5,245	2,184	2,015	3,054	1,342
Dry buttermilk	89,036	86,375	87,516	92,035	87,442	76,193	72,631	70,388
Dry whole milk	81,695	86,117	91,015	87,622	88,622	94,350	74,348	94,194
Nonfat dry milk	2,019,848	2,230,269	2,106,058	2,177,189	1,988,508	1,579,840	1,678,650	1,604,415
Dry skim milk (animal feed)	27,799	30,474	23,623	21,967	24,614	26,117	30,329	26,997
Dry cream	241	659	1,018	1,121	982	528	( <sup>5</sup> )	778
Dry whey	271,485	284,845	316,923	371,947	404,301	470,931	492,815	498,801
Dry casein (skim milk or buttermilk product)	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
Malted milk powder	23,986	23,111	22,495	22,369	22,184	22,904	15,197	20,354
Ice cream:	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Total manufactured	699,376	704,428	717,597	738,743	757,000	751,159	745,409	772,401
Sherbet (does not include water ices)	40,400	40,651	42,170	44,008	45,449	47,471	45,993	48,924
Ice milk <sup>6</sup>	163,979	188,140	203,348	217,722	230,992	240,034	248,800	259,368

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Preliminary.<sup>3</sup> Excludes full-skim American cheese and cottage, pot, and bakers' cheese.

<sup>4</sup> Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat, whereas partially creamed cottage cheese contains less than 4 percent milkfat and is not legal in interstate commerce and in many States. Cottage cheese curd and creamed or partially creamed cottage cheese should not be added together to obtain a total cottage cheese figure. While a small quantity of cottage cheese curd is sold direct for consumption without further processing, a considerable part is creamed within the plant or shipped to another plant where creaming mixture is added prior to sale.

<sup>5</sup> Less than 3 plants reporting.<sup>6</sup> Includes freezer-made milkshake in most States.

Statistical Reporting Service.

Table 563.—Mellorine-type frozen desserts: Production by States, United States totals, 1959-68

Year	Ala- bama	Ari- zona	Ar- kansas	Calif- ornia	Illinoi- s	Louis- iana	Mis- souri	Mon- tana	Okla- homa	Oreg- on	South Caro- lina	Texas	United States <sup>1</sup>
	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	1,000 gallons
1959.....	483	73	735	9,358	3,119	473	3,154	374	2,850	639	162	20,553	42,399
1960.....	448	318	922	10,774	2,722	708	3,236	319	2,779	734	163	21,350	45,214
1961.....	445	487	971	12,846	2,382	945	3,036	316	2,801	736	188	22,166	48,025
1962.....	439	482	1,011	14,050	2,074	1,149	3,160	308	3,028	687	179	23,497	50,594
1963.....	317	688	1,223	14,463	2,088	1,238	2,781	301	2,991	713	255	23,130	50,677
1964.....	228	855	1,390	15,109	2,099	1,038	2,508	300	2,841	863	177	23,306	51,378
1965.....	192	1,075	1,302	15,619	1,957	1,501	2,569	313	2,698	1,002	.....	24,192	53,169
1966.....	160	1,032	1,569	15,550	1,883	1,395	2,144	339	2,622	850	.....	23,257	51,555
1967.....	139	1,194	1,714	16,099	2,089	1,331	1,952	382	2,778	999	.....	23,692	53,683
1968 <sup>2</sup> .....	147	1,055	1,355	15,509	3,401	1,254	2,206	503	2,629	1,013	.....	23,526	55,792

<sup>1</sup> Includes several minor producing States which are not shown separately.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1952-58 in *Agricultural Statistics, 1967*, table 575.

Table 564.—Dairy products: Manufacturers' average selling price of specified products, United States, 1960-69

Year	Unsweetened evaporated milk, per case of 48 14½-ounce cans, f.o.b. factory	Nonfat dry milk 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 <sup>1</sup>
	Dollars	Cents	Cents	Cents
1960.....	6.34	13.66	10.34	37.04
1961.....	6.30	15.45	10.75	36.74
1962.....	6.11	14.79	10.88	34.76
1963.....	6.01	14.43	10.59	36.08
1964.....	5.99	14.62	10.44	33.84
1965.....	6.09	14.66	11.72	34.00
1966.....	6.73	18.19	14.47	39.90
1967.....	7.05	19.92	15.01	40.63
1968.....	7.26	22.36	17.01	43.60
1969 <sup>2</sup> .....	7.50	23.50	16.75	43.82

<sup>1</sup> Includes milk sold in bulk and in package.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 576.

Table 565.—Dairy products: Manufacturers' stocks, end of month, United States, 1968 and 1969

Month	Evaporated milk (case goods)		Condensed milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1968	1969	1968	1969	1968	1969	1968	1969
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	142,222	56,949	5,370	2,646	7,243	8,184	83,017	71,563
February.....	104,016	39,283	8,227	3,860	6,595	7,511	79,170	68,171
March.....	78,091	53,685	8,213	3,510	6,329	6,188	77,044	64,128
April.....	58,539	83,465	6,444	2,947	7,577	4,938	89,730	78,622
May.....	106,233	124,402	2,629	4,655	9,106	6,691	118,999	112,091
June.....	149,082	151,637	4,681	3,891	11,521	8,025	147,678	140,955
July.....	178,921	188,885	3,971	2,939	11,098	9,367	140,878	154,372
August.....	192,762	211,178	3,024	3,898	10,087	8,175	126,962	150,890
September.....	188,954	194,557	5,722	3,007	8,437	7,137	106,317	130,529
October.....	160,572	147,681	2,984	2,968	9,074	6,729	85,533	107,935
November.....	124,415	113,608	2,647	2,153	7,933	5,652	74,852	90,163
December.....	99,138	104,996	2,122	1,858	7,563	6,576	79,047	83,913

Statistical Reporting Service.

Table 566.—Dairy products: Cold-storage holdings, first of month, United States, 1968 and 1969

Month	Creamery butter		Cheese		Fluid cream		Plastic cream	
	1968	1969	1968	1969	1968	1969	1968	1969
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	168,613	117,355	390,289	380,963	6,954	4,854	963	883
February.....	163,528	104,506	372,861	358,510	7,464	4,662	616	1,214
March.....	172,980	115,133	360,961	328,917	7,361	5,569	492	1,411
April.....	176,426	121,356	351,404	315,033	7,479	7,689	397	1,209
May.....	180,107	134,462	363,406	316,106	8,991	8,169	432	1,517
June.....	199,261	162,636	393,704	337,478	11,600	10,759	399	1,600
July.....	224,957	195,330	420,751	366,081	11,891	11,923	508	1,966
August.....	241,697	197,956	444,509	387,109	10,382	9,752	517	1,687
September.....	224,602	185,586	451,269	386,219	8,483	8,733	661	1,463
October.....	196,523	155,316	447,267	369,468	7,387	8,031	633	1,143
November.....	161,891	125,159	415,532	350,904	6,181	7,628	886	1,065
December.....	137,384	104,329	397,950	328,691	4,964	7,585	830	1,127

Statistical Reporting Service.

Table 567.—Dairy products: Jan. 1 stocks, United States, 1961-70

Year	Butter <sup>1</sup>	Cheese <sup>1,2</sup>	Evaporated milk (case goods) <sup>3</sup>	Condensed milk (case goods) <sup>4</sup>	Dry whole milk	Nonfat dry milk for human consumption <sup>1</sup>	Cream (milk equivalent)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Million pounds
1961.....	76,808	332,594	220,987	6,533	6,890	382,913	96
1962.....	224,820	472,935	225,061	5,604	7,307	487,460	91
1963.....	318,663	422,079	141,381	4,479	5,119	674,965	73
1964.....	206,963	340,701	131,659	5,768	5,274	486,171	53
1965.....	66,499	325,952	185,307	6,916	6,968	174,276	89
1966.....	52,096	308,562	134,755	5,924	5,000	154,402	83
1967.....	32,298	372,668	192,874	11,578	6,932	118,225	138
1968.....	168,613	429,289	190,246	5,780	6,116	256,208	96
1969.....	117,355	404,984	104,769	2,122	7,563	277,763	72
1970 <sup>5</sup> .....	88,636	317,566	147,881	1,858	6,576	221,700	93

<sup>1</sup> Includes Government holdings.<sup>2</sup> Excludes cottage and full-skim American cheese. Beginning 1968, includes process American cheese held by CCC.<sup>3</sup> Beginning 1969, includes stock held by CCC.<sup>4</sup> Sweetened condensed milk, unskimmed.<sup>5</sup> Preliminary.Economic Research Service. Data for 1940-60 in *Agricultural Statistics, 1967*, table 579.Table 568.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1954-69<sup>1</sup>

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
		Billion pounds	Billion pounds			Pounds	Billion pounds			Billion pounds	Pounds
1954.....	56.2	55.0	346	1960.....	58.3	57.3	321	1966.....	58.6	57.4	298
1955.....	57.5	56.4	348	1961.....	57.4	56.4	311	1967.....	57.2	55.7	285
1956.....	58.7	57.6	348	1962.....	57.7	56.6	308	1968.....	56.4	55.2	279
1957.....	59.1	58.0	344	1963.....	58.4	57.3	307	1969 <sup>2</sup> .....	55.2	54.1	271
1958.....	58.8	57.8	337	1964.....	58.7	57.5	304				
1959.....	58.5	57.5	330	1965.....	58.9	57.8	301				

<sup>1</sup> Milk equivalent of all fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies.<sup>2</sup> Preliminary.Economic Research Service. Data for 1950-53 in *Agricultural Statistics, 1968*, table 574.

Table 569.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1954-69<sup>1</sup>

Year	Butter <sup>2</sup>			Cheese <sup>3</sup>			Condensed and evaporated milk <sup>4</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1954	1,532	1,411	8.9	1,316	1,262	7.9	2,909	2,680	16.8
1955	1,762	1,461	9.0	1,449	1,281	7.9	2,911	2,626	16.2
1956	1,694	1,440	8.7	1,520	1,323	8.0	2,939	2,626	15.8
1957	1,474	1,406	8.3	1,489	1,297	7.7	2,883	2,592	15.4
1958	1,506	1,417	8.3	1,572	1,394	8.1	2,781	2,538	14.8
1959	1,451	1,371	7.9	1,436	1,404	8.0	2,706	2,501	14.4
1960	1,393	1,333	7.5	1,512	1,489	8.3	2,674	2,447	13.7
1961	1,390	1,335	7.4	1,571	1,544	8.6	2,628	2,399	13.3
1962	1,447	1,341	7.3	1,719	1,676	9.2	2,493	2,289	12.5
1963	1,544	1,279	6.9	1,778	1,719	9.2	2,378	2,170	11.6
1964	1,671	1,297	6.8	1,824	1,782	9.4	2,342	2,157	11.3
1965	1,367	1,232	6.4	1,864	1,826	9.5	2,231	2,040	10.6
1966	1,150	1,098	5.7	1,925	1,889	9.7	2,136	1,882	9.7
1967	1,104	1,076	5.5	2,014	1,969	10.1	1,900	1,757	9.0
1968	1,228	1,116	5.6	2,139	2,089	10.6	1,899	1,745	8.9
1969 <sup>5</sup>	1,157	1,080	5.4	2,234	2,194	11.0	1,943	1,619	8.1

  

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1954	2,865	2,771	17.4	95	29	0.18	1,551	716	4.5
1955	3,017	2,917	18.0	107	40	.25	1,442	889	5.5
1956	3,078	2,978	18.0	108	49	.30	1,540	864	5.2
1957	3,123	3,023	18.0	105	37	.22	1,604	895	5.3
1958	3,159	3,059	17.8	91	48	.28	1,692	953	5.6
1959	3,355	3,260	18.7	90	49	.28	1,812	1,074	6.2
1960	3,358	3,263	18.3	97	55	.31	1,593	1,106	6.2
1961	3,357	3,267	18.0	82	50	.28	1,918	1,128	6.2
1962	3,381	3,291	17.9	88	61	.33	2,043	1,119	6.1
1963	3,444	3,354	18.0	91	48	.26	2,296	1,087	5.8
1964	3,546	3,456	18.2	86	61	.32	2,492	1,119	5.9
1965	3,634	3,544	18.5	91	59	.31	2,010	1,169	5.6
1966	3,806	3,511	18.1	92	64	.33	1,619	1,132	5.8
1967	3,578	3,483	17.8	75	51	.26	1,541	1,085	5.5
1968	3,708	3,613	18.3	92	60	.30	1,585	1,150	5.8
1969 <sup>5</sup>	3,718	3,623	18.1	77	50	.25	1,508	1,145	5.7

<sup>1</sup> Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, 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 number of persons eating out of civilian supplies.

<sup>2</sup> Includes both farm and factory-made butter.

<sup>3</sup> Includes all kinds of cheese except cottage and full-skim American.

<sup>4</sup> 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.

<sup>5</sup> Preliminary.

Economic Research Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 581.

**Table 570.—Butter, creamery: Average wholesale price per pound at New York and Chicago, 1960-69**

Year	Grade A (92 score)		Year	Grade A (92 score)		Year	Grade A (92 score)	
	New York	Chicago		New York	Chicago		New York	Chicago
	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>
1960.....	59.9	59.1	1964.....	59.9	59.0	1968.....	67.78	66.92
1961.....	61.2	60.5	1965.....	61.0	60.2	1969.....	68.53	67.66
1962.....	59.4	58.6	1966.....	67.2	( <sup>1</sup> )			
1963.....	59.0	58.2	1967.....	67.5	66.7			

<sup>1</sup> Not computed because of insufficient monthly average price data.

Consumer and Marketing Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 582.

**Table 571.—Butter: Production in specified countries, average 1961-65, annual 1967 and 1968**

Continent and country	Average 1961-65		1967		1968 <sup>1</sup>	
	Factory	Total	Factory	Total	Factory	Total
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
North America:						
Canada.....	355	361	335	338	342	345
United States.....	1,441	1,476	1,225	1,238	1,165	1,175
South America:						
Argentina <sup>2</sup> .....	111	111	89	89	87	87
Brazil <sup>2</sup> .....	63	63	99	99	71	71
Chile.....	11	14	13	16	14	17
Peru.....		7		13		13
Venezuela <sup>2</sup> .....	8	8	10	10	11	11
Europe:						
Austria.....	75	89	91	105	94	107
Belgium.....	119	181	142	180	142	180
Denmark.....	357	357	339	339	353	353
Finland.....	215	220	208	212	222	225
France.....	736	945	999	1,186	1,102	1,268
Germany, West.....	1,015	1,064	1,106	1,141	1,154	1,184
Greece <sup>3</sup> .....		27		19		16
Ireland.....	116	138	149	161	162	172
Italy.....		136		151		126
Luxembourg <sup>2</sup> .....	11	11	13	13	15	15
Netherlands.....	214	214	217	217	260	260
Norway.....	39	44	40	44	48	52
Portugal.....	4	5	9	9	12	12
Sweden.....	184	185	144	144	146	146
Switzerland <sup>2</sup> .....	73	73	90	90	82	82
United Kingdom.....	95	105	83	92	115	122
Bulgaria <sup>2</sup> .....	24	24	30	30	33	33
Czechoslovakia <sup>2</sup> .....	164	164	181	181	192	192
Germany, East.....		387		462		485
Hungary <sup>2</sup> .....	37	37	51	51	47	47
Poland <sup>2</sup> .....	203	203	262	262	273	273
Romania <sup>2</sup> .....	38	38	66	66	63	63
U.S.S.R.....	1,899	2,140	2,337	2,595	2,302	2,569
Africa:						
South Africa, Republic of <sup>4</sup> .....	96	98	98	100	116	118
Oceania:						
Australia.....	450	455	466	468	424	426
New Zealand.....	505	512	575	580	534	541
Total.....	8,658	9,892	9,467	10,701	9,581	10,786

<sup>1</sup> Preliminary.

<sup>2</sup> Creamery butter only.

<sup>3</sup> Made from the milk of cows and other animals.

<sup>4</sup> Years ending Sept. 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 572.—Cheese, cheddar: Average wholesale price per pound, Wisconsin, New York, and Chicago, 1960–69**

Year	Wisconsin Primary Markets: cheddars <sup>1</sup>	New York: No. 1 fresh single daises	Chicago: No. 1 fresh single daises	Year	Wisconsin Primary Markets: cheddars <sup>1</sup>	New York: No. 1 fresh single daises	Chicago: No. 1 fresh single daises
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1960.....	36.4	41.4	41.4	1965.....	38.3	43.4	45.0
1961.....	37.2	42.4	40.9	1966.....	45.9	52.3	52.7
1962.....	( <sup>2</sup> )	41.5	40.0	1967.....	45.1	52.3	52.1
1963.....	36.6	41.9	42.6	1968.....	47.3	55.0	54.8
1964.....	37.6	42.6	43.4	1969.....	51.50	60.26	59.67

<sup>1</sup> Wisconsin prices are carlot and trucklot prices paid f.o.b. Wisconsin assembly points. New York and Chicago prices are wholesale prices of less than carlot.

<sup>2</sup> Insufficient prices to compute annual average.

Consumer Marketing Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 584.

**Table 573.—Cheese: <sup>1</sup> Production in specified countries, average 1961–65, annual 1967 and 1968**

Continent and country	Average 1961–65		1967		1968 <sup>2</sup>	
	Factory	Total	Factory	Total	Factory	Total
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
North America:						
Canada.....	152	152	191	192	199	200
United States.....	1,667	1,667	1,919	1,919	1,944	1,944
South America:						
Argentina.....	310	310	346	346	392	392
Brazil.....	88	88	109	109	94	94
Chile.....	16	31	22	24	24	37
Peru.....		50		51		51
Europe:						
Austria.....	63	67	80	85	85	89
Belgium.....	62	65	83	85	68	70
Denmark.....	263	263	272	272	233	233
Finland.....	75	75	77	77	74	74
France <sup>3</sup> .....	1,137	1,200	1,459	1,504	1,529	1,573
Germany, West.....	313	313	362	362	387	387
Greece <sup>3</sup> .....		183		269		274
Ireland.....	24	24	55	55	63	63
Italy <sup>3</sup> .....		920		997		855
Netherlands.....	457	497	579	621	536	590
Norway <sup>3</sup> .....	93	93	110	110	101	101
Portugal <sup>3</sup> .....	10	10	10	10	13	13
Sweden.....	125	125	132	132	129	129
Switzerland <sup>3</sup> .....	158	158	190	227	183	210
United Kingdom.....	229	248	247	269	242	266
Bulgaria <sup>3</sup> .....	<sup>4</sup> 148	<sup>4</sup> 148	201	201	208	208
Czechoslovakia.....	107	107	134	134	138	138
Germany, East.....	193	193	258	258	282	282
Hungary.....	36	36	43	43	45	45
Poland.....	46	46	77	77	81	81
Romania.....	105	105	117	117	130	130
Africa:						
South Africa, Republic of <sup>5</sup> .....	33	33	42	42	40	41
Oceania:						
Australia.....	129	129	156	156	163	163
New Zealand.....	227	227	259	259	231	231
Total of above countries.....	6,266	7,563	7,530	9,015	7,614	8,964

<sup>1</sup> Cheese made from cow's milk, unless otherwise noted.

<sup>2</sup> Preliminary.

<sup>3</sup> Made from the milk of cows and other animals.

<sup>4</sup> Estimated.

<sup>5</sup> Year ending Sept. 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 574.—Dairy products: United States imports by type of product, 1960–69

Year	Dried milk <sup>1</sup>	Cheese				Butter	Casein
		Swiss <sup>2</sup>	Cheddar	Other	Total		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1960.....	1,346	14,685	3,277	45,185	63,147	1,044	92,155
1961.....	2,162	15,830	1,677	58,311	75,818	861	101,828
1962.....	1,368	17,323	2,544	57,745	77,612	789	95,576
1963.....	1,956	16,523	3,157	63,352	83,032	746	85,621
1964.....	1,567	16,680	2,479	58,718	77,877	665	101,718
1965.....	1,378	15,732	1,858	61,721	79,311	748	86,953
1966.....	2,842	23,874	4,178	107,385	135,437	667	104,330
1967.....	927	24,190	4,967	122,623	151,780	677	96,601
1968.....	1,794	58,829	9,842	101,579	170,250	739	112,424
1969 <sup>3</sup> .....	1,921	32,757	9,606	101,739	144,102	678	110,052

<sup>1</sup> Includes cream and whole and skimmed milk.

<sup>2</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

<sup>3</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1945-59 in *Agricultural Statistics, 1967*, table 586.

Table 575.—Dairy products: United States imports by country of origin, average 1961–65, annual 1968 and 1969

Commodity and country of origin	Average 1961-65	1968	1969 <sup>1</sup>	Commodity and country of origin	Average 1961-65	1968	1969 <sup>1</sup>
Butter:				Cheese, Swiss: <sup>2</sup>			
Canada.....	0	0	0	Switzerland.....	10,168	16,281	10,452
Argentina.....	24	0	0	Others.....	6,249	42,548	22,305
Denmark.....	185	190	184	Total.....	16,417	58,829	32,757
Australia.....	27	0	0	Milk, dried whole:			
New Zealand.....	399	368	314	Netherlands.....	0	0	0
Others.....	127	181	180	New Zealand.....	5	7	7
Total.....	762	739	678	Others.....	0	40	.....
Cheese, all types:				Total.....	5	47	7
Canada.....	566	1,240	2,420	Milk, nonfat dry milk solids:			
Argentina.....	3,685	4,804	8,505	Canada.....	351	388	547
Austria.....	1,937	11,059	7,593	Australia.....	1,060	1,359	1,360
Belgium.....	46	1,145	758	New Zealand.....	248	0	6
Denmark.....	9,790	24,268	25,560	Others.....	23	0	1
Finland.....	2,722	9,224	6,620	Total.....	1,682	1,747	1,914
France.....	3,260	10,341	12,822	Casein:			
Germany, West.....	644	25,041	4,646	Canada.....	8,984	2,162	2,549
Greece.....	490	1,239	2,034	Argentina.....	35,943	29,623	15,431
Italy.....	21,519	18,094	17,471	Brazil.....	331	208	22
Netherlands.....	5,550	15,702	8,876	Uruguay.....	2,438	1,401	1,660
Norway.....	995	1,992	2,249	Denmark.....	24	175	324
Sweden.....	502	2,900	2,116	France.....	5,103	12,473	11,184
Switzerland.....	10,597	17,864	11,826	Germany, West.....	688	46	370
Yugoslavia.....	401	472	307	Netherlands.....	1,062	0	31
New Zealand.....	10,667	8,541	16,794	Norway.....	942	613	184
Others.....	5,359	16,234	13,415	Australia.....	14,993	23,732	29,575
Total.....	78,730	170,250	144,102	New Zealand.....	18,411	30,610	45,847
Cheese, cheddar:				Others.....	5,420	11,381	2,875
Canada.....	513	738	1,086	Total.....	94,339	112,424	110,052
New Zealand.....	1,814	5,569	5,860				
Others.....	16	3,535	2,660				
Total.....	2,343	9,842	9,606				

<sup>1</sup> Preliminary.

<sup>2</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 576.—Dairy products: United States exports<sup>1</sup> by country of destination, average 1961-65, annual 1968 and 1969

Commodity and country of destination	Average 1961-65	1968	1969 <sup>2</sup>	Commodity and country of destination	Average 1961-65	1968	1969 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
<b>Butter:</b>				<b>Milk, dried whole:</b>			
Canada	132	4	4	Canada	642	806	1,427
Chile	1,827	0	0	Mexico	464	949	870
Peru	1,398	0	0	Guatemala	57	0	51
Belgium	6,257	0	0	Haiti	43	37	25
France	7,015	0	0	Nicaragua	72	2	46
Germany, West	3,379	0	0	Peru	149	111	103
Italy	4,385	0	0	Venezuela	6,325	95	331
United Kingdom	2,271	0	0	Congo (Kinshasa)	2,686	16	0
South Africa, Republic of	3,767	0	0	China (Taiwan)	18	0	7
Iran	551	1	5	Iran	130	20	269
Israel	1,235	0	2	Philippines	135	2,491	1,081
Philippines	227	10	9	Thailand	5	41	523
Others	15,469	1,535	519	Others	7,820	14,076	10,870
<b>Total</b>	<b>47,913</b>	<b>1,550</b>	<b>539</b>	<b>Total</b>	<b>18,546</b>	<b>18,644</b>	<b>15,603</b>
<b>Cheese, all types:</b>				<b>Milk, nonfat dry milk solids:</b>			
Canada	1,440	1,958	1,651	Canada	4,582	898	736
Mexico	41	60	232	Mexico	22,416	16,907	11,249
Guatemala	83	25	13	El Salvador	598	18	331
Bahamas	212	485	459	Guatemala	700	186	91
Bermuda	91	186	171	Brazil	29,948	25,009	4,200
Haiti	88	50	37	Chile	2,438	6,473	790
Venezuela	1,489	258	198	Colombia	170	1,440	3,488
Belgium	21	0	0	Peru	7,003	1,501	3,659
Germany, West	4	2	13	Venezuela	2,881	49	39
Greece	1	4	0	Belgium	5,460	138	10
Italy	536	2	0	Denmark	14,808	21	12
United Kingdom	458	16	11	Germany, West	2,160	0	5
Hong Kong	16	3	28	Italy	24,803	21	96
Israel	3	3	4	Netherlands	95,387	0	0
Japan	128	571	642	Spain	1,055	585	0
Philippines	151	226	177	Switzerland	8,126	0	0
Others	3,264	2,694	2,063	United Kingdom	3,169	1	5
<b>Total</b>	<b>8,026</b>	<b>6,543</b>	<b>5,699</b>	Yugoslavia	10,769	0	0
<b>Evaporated milk:</b>				Burma	1,466	0	977
Canada	104	43	18	Hong Kong	2,453	376	302
Mexico	21,436	30,259	34,076	India	12,771	2,607	1,332
Nicaragua	232	114	104	Indonesia	9,850	0	0
Bolivia	490	5	0	Iran	1,507	9	6
Chile	199	0	0	Iraq	649	0	0
Colombia	107	0	2	Israel	9,975	5	65
Peru	2	0	0	Japan	113,655	18,431	13,307
Venezuela	77	18	25	Pakistan	8,518	6,065	3,800
Greece	0	0	0	Philippines	23,556	12,563	5,349
Italy	28	1	0	Others	52,890	57,288	61,767
India	4,653	14	14	<b>Total</b>	<b>474,363</b>	<b>150,591</b>	<b>111,625</b>
Japan	66	15	20	<b>Infant and dietetic food, milk base:</b>			
Pakistan	400	7	0	Canada	604	1,090	1,432
Philippines	25,181	624	426	Mexico	967	129	109
Vietnam, South	561	325	1,618	Argentina	69	2	1
Others	2,699	1,272	845	Colombia	253	0	22
<b>Total</b>	<b>56,235</b>	<b>32,697</b>	<b>37,145</b>	Peru	498	880	797
<b>Condensed milk:</b>				Ecuador	311	291	204
Canada	109	75	94	Venezuela	3,868	13	63
Venezuela	65	1	5	Italy	286	41	1
Belgium	117	0	0	South Africa, Republic of	360	14	32
Cambodia	1,250	0	0	Ceylon	237	50	0
India	1,413	0	0	China (Taiwan)	263	512	877
Pakistan	451	0	0	Hong Kong	387	1,248	706
Philippines	34	31	0	Indonesia	39	0	4
Thailand	72	0	0	Iran	343	981	196
Vietnam, South	49,305	41,339	51,479	Japan	867	6	1
Others	3,923	1,036	601	Philippines	1,561	5,279	6,008
<b>Total</b>	<b>56,739</b>	<b>42,482</b>	<b>52,179</b>	Others	6,622	14,790	36,497
				<b>Total</b>	<b>17,535</b>	<b>25,326</b>	<b>47,070</b>

<sup>1</sup> Excludes exports for relief.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



**Table 577.—Dairy products: Exports by principal exporting countries, average 1961–65, annual 1968 and 1969**

Commodity and country of destination	Average 1961–65	1968	1969 <sup>1</sup>	Commodity and country of destination	Average 1961–65	1968	1969 <sup>1</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
<b>Butter:</b>				<b>Evaporated milk—Con.</b>			
Canada	9.0	(?)	(?)	United Kingdom	40.2	53.5	64.9
United States <sup>3</sup>	47.9	1.6	0.5	Australia	9.5	9.3	13.2
Argentina	23.9	3.8	9.1	<b>Total</b>	<b>498.0</b>	<b>693.0</b>	<b>673.4</b>
Denmark	245.4	237.9	220.5	<b>Condensed milk:</b>			
Finland	38.3	40.1	33.5	Canada	0.2		
France	82.6	144.0	156.7	United States <sup>3</sup>	56.7	42.5	52.2
Netherlands	72.8	136.0	115.5	Denmark	75.4	51.7	50.9
Norway	10.9	2.2	2.8	France	77.7	161.2	<sup>4</sup> 197.1
Sweden	23.0	16.0	17.7	Netherlands	390.0	251.1	236.0
United Kingdom	1.2	1.7	1.6	Sweden <sup>5</sup>	.1	.2	.4
Australia	184.4	140.4	132.8	Switzerland	11.2	24.0	25.7
New Zealand	388.4	413.0	453.1	United Kingdom	49.8	14.9	15.1
<b>Total</b>	<b>1,127.8</b>	<b>1,136.7</b>	<b>1,148.8</b>	Australia	57.3	11.5	13.0
				New Zealand	1.3	1.2	.3
<b>Cheese:</b>				<b>Total</b>	<b>719.7</b>	<b>558.3</b>	<b>590.7</b>
Canada	27.3	44.3	36.0	<b>Milk, dried whole:</b>			
United States <sup>3</sup>	8.0	6.5	5.7	Canada	21.2	.8	.6
Argentina	10.4	8.2	13.0	United States <sup>3</sup>	18.5	18.6	15.6
Denmark	174.7	145.7	136.5	Denmark	71.2	68.0	79.8
Finland	41.1	38.0	39.0	Netherlands	76.6	75.6	78.8
France	107.3	197.2	200.4	Sweden	2.2	.1	(?)
Germany, West	42.6	97.7	107.8	United Kingdom	10.2	21.7	21.1
Italy	53.2	54.0	52.9	Australia	16.2	22.1	33.1
Netherlands	247.1	336.8	360.5	New Zealand	13.3	10.8	13.8
Norway	24.5	33.7	36.0	<b>Total</b>	<b>229.4</b>	<b>217.7</b>	<b>242.8</b>
Sweden	10.9	9.6	6.0	<b>Milk, nonfat dry milk solids:</b>			
Switzerland	72.8	101.3	105.9	Canada	54.5	126.7	238.3
United Kingdom	4.4	5.1	6.3	United States <sup>3</sup>	474.4	150.6	111.6
Australia	58.7	75.5	78.3	Denmark	3.9	42.8	<sup>6</sup> 44.8
New Zealand	202.6	191.1	204.0	Netherlands	20.5	73.5	65.7
<b>Total</b>	<b>1,085.6</b>	<b>1,344.7</b>	<b>1,388.3</b>	United Kingdom	26.0	62.2	52.1
				Australia	44.5	97.2	105.2
<b>Evaporated milk:</b>				New Zealand	115.9	248.1	277.7
Canada	8.3	7.2	6.8	<b>Total</b>	<b>739.7</b>	<b>801.1</b>	<b>895.4</b>
United States <sup>3</sup>	56.2	32.7	37.1				
Denmark	10.9	2.7					
France	40.1	73.0	( <sup>1</sup> )				
Netherlands	332.8	514.6	551.4				

<sup>1</sup> Preliminary.<sup>2</sup> Less than 50,000 pounds.<sup>3</sup> Excludes exports for relief and charity.<sup>4</sup> Evaporated milk included with condensed milk.<sup>5</sup> May include some evaporated milk.<sup>6</sup> Includes some dry skim milk for feed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of the U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 578.—Dairy products: United States exports<sup>1</sup> by type of product, 1960–69**

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk solids
	<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>
1960	1,534	9,136	101,213	41,896	28,072	199,126
1961	738	8,820	91,125	47,268	17,464	252,547
1962	5,773	6,959	66,058	47,695	13,414	306,956
1963	57,318	9,230	62,035	60,069	29,810	534,995
1964	130,345	8,317	37,286	62,837	12,337	838,556
1965	45,392	6,803	24,671	65,828	19,707	438,763
1966	2,368	5,940	38,361	94,303	16,517	170,341
1967	334	6,305	33,770	29,204	12,811	140,883
1968	1,550	6,543	32,697	42,482	18,644	150,591
1969 <sup>2</sup>	539	5,699	37,145	52,179	15,603	111,625

<sup>1</sup> Excludes exports for relief and charity.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1945–59 in *Agricultural Statistics, 1967*, table 590.

**Table 579.—Dairy products: Price-support operations, United States, 1960–70**

Year beginning April	Manufacturing milk			Butterfat			Product purchase price per pound <sup>2</sup>			Product purchases <sup>3</sup>			
	Support level		Average price received per cwt.	Support level		Average price received per pound	Butter	Cheddar cheese	Non-fat dry milk, spray process	Quantity		Percentage of milk and cream marketed by farmers	
	Per cwt.	Percentage of parity <sup>1</sup>		Per pound	Percentage of parity <sup>1</sup>					Milk-fat content	Non-fat solids content	Milk-fat content	Non-fat solids content
			Dollars			Per-cent	Dollars	Cents	Per-cent				
1960...	{ 3.06 3.22 3.40	{ 76 80 85	{ 3.30	{ 456.6 559.6 60.4	{ 76 80 82	61.1	{ 57.974 60.474 60.466	{ 432.75 34.25 36.1	{ 13.40 13.90 15.90	130	805	3.0	8.7
1961...	3.40	83	3.38	60.4	81	61.7	60.466	{ 36.1 36.5	{ 15.90 16.40	421	1,286	9.5	13.3
1962...	3.11	75	3.19	57.2	75	59.1	57.966	34.6	14.4	333	1,272	7.5	13.1
1963...	3.14	75	3.24	58.1	75	59.6	57.966	35.6	14.4	280	925	6.3	9.4
1964...	3.15	75	3.29	58.0	75	60.4	57.966	35.6	14.4	239	773	5.4	7.7
1965...	3.24	75	3.45	59.4	75	62.1	58.966	36.1	14.6	132	675	3.0	6.9
1966...	{ 3.50 4.00	{ 78 89	{ 4.11	{ 61.6 63.0	{ 75 83	{ 68.6	{ 60.966 66.466	{ 39.3 43.75	{ 16.6 19.6	{ 102 259	{ 417 664	{ 2.4 6.2	{ 4.3 6.9
1967...	4.00	87	4.07	68.0	81	68.2	66.466	43.75	19.6	176	556	4.3	5.9
1968...	4.28	89	4.30	66.0	77	68.4	66.442	47.00	23.1	159	354	3.9	3.7
1969...	4.28	83	4.54	68.6	75	70.0	67.544	48.00	23.1	176	556	4.3	5.9
1970...	4.66	85	.....	71.5	75	.....	69.846	52.00	27.2	.....	.....	.....	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Purchase prices at Chicago for butter; purchase prices at all points for cheese and nonfat dry milk.

<sup>3</sup> Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Includes purchases of butter and cheese in the 1966-67 marketing year and of cheese in the 1969-70 marketing year for domestic school lunch program under Section 709 of the Food and Agriculture Act of 1965. Excludes fluid milk purchases partly paid for by CCC under military and veterans milk program.)

<sup>4</sup> Effective Apr. 1 to Sept. 16, 1960.

<sup>5</sup> Effective Sept. 17, 1960 to Mar. 9, 1961.

<sup>6</sup> Effective Mar. 10 to Mar. 31, 1961.

<sup>7</sup> Effective Apr. 1 to July 17, 1961.

<sup>8</sup> Effective July 18, 1961 to Mar. 31, 1962.

<sup>9</sup> Effective Apr. 1 to June 29, 1966.

<sup>10</sup> Effective June 30, 1966 to Mar. 31, 1967.

<sup>11</sup> Effective Apr. 1 to Aug. 17, 1967; 66.442 cents effective Aug. 18, 1967 to Mar. 31, 1968.

<sup>12</sup> Effective Apr. 1 to June 23, 1968; 66.418 cents effective June 24 to Nov. 27, 1968, and 66.394 cents effective Nov. 28, 1968 to Mar. 31, 1969.

<sup>13</sup> Preliminary.

<sup>14</sup> Effective Apr. 1 to Nov. 27, 1969; 67.596 cents effective Nov. 28, 1969 to Mar. 31, 1970.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 591.

**Table 580.—Chickens: Number on farms, and value, United States, Jan. 1, 1965–70<sup>1</sup>**

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
1964.....	.....	.....	.....	.....	.....	.....	.....	
1965.....	136,543	176,402	36,175	37,869	7,129	394,118	1.17	461,515
1966.....	142,807	166,177	37,476	39,568	6,991	393,019	1.21	474,876
1967.....	138,094	186,715	44,391	52,125	7,421	428,746	1.20	513,082
1968.....	139,327	189,971	44,831	44,025	7,004	425,158	1.14	486,414
1969.....	141,203	174,974	46,599	50,325	6,534	419,635	1.21	506,100
1970 <sup>2</sup> .....	139,970	185,742	48,817	50,307	6,697	431,533	1.35	580,951

<sup>1</sup> Does not include commercial broilers.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1930-65 with less detailed classification of pullets in *Agricultural Statistics, 1967*, table 592.

Table 581.—Chickens: Hens and pullets of laying age on farms, by States, Jan. 1, 1968–70

State and division	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Maine.....	1,275	1,666	1,755	4,233	4,120	4,957	5,508	5,786	6,712
New Hampshire.....	403	479	468	1,282	1,240	942	1,685	1,719	1,410
Vermont.....	155	240	160	398	358	420	554	598	580
Massachusetts.....	830	816	916	1,578	1,510	1,433	2,408	2,326	2,349
Rhode Island.....	120	148	102	247	224	248	367	372	350
Connecticut.....	1,389	1,419	1,648	2,646	2,657	2,713	4,035	4,076	4,361
New York.....	5,523	5,413	5,359	5,995	5,529	5,474	11,518	10,942	10,833
New Jersey.....	2,342	2,342	2,670	2,702	2,097	1,164	5,044	4,439	3,934
Pennsylvania.....	5,969	6,327	6,517	8,791	8,433	8,391	14,760	14,760	14,908
North Atlantic.....	18,007	18,850	19,595	27,872	26,168	25,742	45,879	45,018	45,337
Ohio.....	5,058	3,839	4,110	5,497	5,153	5,360	10,555	8,992	9,470
Indiana.....	4,111	4,810	4,810	8,615	8,425	8,557	12,726	13,235	13,367
Illinois.....	3,625	3,625	3,661	4,925	4,925	5,060	8,550	8,550	8,721
Michigan.....	3,602	3,170	3,202	3,395	3,127	3,095	6,997	6,297	6,297
Wisconsin.....	3,494	3,005	2,554	2,857	2,428	2,553	6,351	5,433	5,107
East North Central.....	19,890	18,449	18,337	25,289	24,058	24,625	45,179	42,507	42,962
Minnesota.....	3,182	4,296	3,701	7,775	5,676	6,371	10,957	9,972	10,072
Iowa.....	5,637	6,200	5,456	8,977	6,660	8,047	14,614	12,860	13,503
Missouri.....	2,288	2,265	2,333	4,378	4,268	4,461	6,666	6,533	6,794
North Dakota.....	582	501	461	907	780	718	1,489	1,281	1,179
South Dakota.....	2,273	1,924	1,826	4,038	3,099	3,344	6,311	5,023	5,170
Nebraska.....	2,302	2,165	2,086	3,650	2,954	3,132	5,952	5,119	5,218
Kansas.....	2,011	1,890	1,394	2,445	2,343	2,670	4,456	4,233	4,064
West North Central.....	18,275	19,241	17,257	32,170	25,780	28,743	50,445	45,021	46,000
Delaware.....	249	342	312	384	259	303	633	601	615
Maryland.....	708	696	710	907	895	913	1,615	1,591	1,623
Virginia.....	2,068	2,047	1,924	3,158	3,074	3,146	5,226	5,121	5,070
West Virginia.....	652	554	509	976	993	985	1,628	1,547	1,494
North Carolina.....	6,396	6,407	7,624	7,358	7,485	9,463	13,754	13,892	17,087
South Carolina.....	2,065	2,127	2,176	3,434	3,152	3,367	5,499	5,279	5,543
Georgia.....	8,727	11,237	9,754	16,229	13,964	17,263	24,956	25,201	27,017
Florida.....	3,446	5,238	6,181	6,837	5,662	5,482	10,283	10,900	11,663
South Atlantic.....	24,311	28,648	29,190	39,283	35,484	40,922	63,594	64,132	70,112
Kentucky.....	1,563	1,301	1,197	2,015	2,062	1,993	3,578	3,363	3,195
Tennessee.....	2,946	2,887	2,887	3,100	3,038	3,334	6,046	5,925	6,221
Alabama.....	4,848	4,460	4,995	7,907	7,785	7,862	12,755	12,245	12,857
Mississippi.....	5,082	4,574	4,620	6,478	6,581	6,780	11,500	11,155	11,400
Arkansas.....	5,735	5,334	5,717	9,484	10,037	10,423	15,219	15,371	16,140
Louisiana.....	1,736	1,390	1,550	2,187	2,474	2,460	3,923	3,864	4,010
Oklahoma.....	1,212	1,103	993	1,407	1,542	1,784	2,619	2,645	2,777
Texas.....	6,676	6,142	4,607	8,353	6,783	8,447	15,029	12,925	13,054
South Central.....	29,798	27,191	26,566	40,871	40,302	43,088	70,669	67,493	69,654
Montana.....	462	494	508	575	605	558	1,037	1,099	1,066
Idaho.....	456	480	505	546	372	390	1,002	852	895
Wyoming.....	71	94	63	134	107	130	205	201	193
Colorado.....	540	398	430	987	1,131	1,114	1,527	1,529	1,544
New Mexico.....	161	200	356	587	541	578	748	741	934
Arizona.....	633	612	529	530	504	565	1,163	1,116	1,094
Utah.....	612	539	734	703	737	504	1,315	1,276	1,238
Nevada.....	21	19	12	16	6	9	37	25	21
Washington.....	2,553	2,286	1,942	2,260	2,286	2,537	4,813	4,572	4,480
Oregon.....	850	1,232	1,106	1,537	1,203	1,280	2,387	2,435	2,386
California.....	22,295	22,072	22,292	16,044	15,117	14,525	38,339	37,189	36,817
Western.....	28,654	28,426	28,478	23,919	22,609	22,190	52,573	51,035	50,668
48 States.....	138,935	140,805	139,523	189,404	174,401	185,310	328,339	315,206	324,733
Alaska.....	12	17	20	24	12	8	36	29	28
Hawaii.....	380	381	527	543	561	424	923	942	951
United States.....	139,327	141,203	139,970	189,971	174,974	185,742	329,298	316,177	325,712

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 582.—Chickens: Pullets not of laying age, and other chickens on farms, by States, Jan. 1, 1968–70

State and division	Pullets over 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Maine.....	686	688	768	583	688	710	120	105	136
New Hampshire.....	251	201	205	183	183	167	57	37	37
Vermont.....	46	90	81	35	48	52	18	15	15
Massachusetts.....	230	302	292	257	333	360	69	62	76
Rhode Island.....	40	40	44	34	74	62	9	9	9
Connecticut.....	450	562	505	416	436	458	59	60	55
New York.....	1,498	1,603	1,475	924	1,109	1,054	92	93	91
New Jersey.....	357	250	300	397	385	381	56	37	32
Pennsylvania.....	1,453	1,555	1,475	1,363	1,683	1,750	172	172	155
North Atlantic.....	5,011	5,291	5,145	4,192	4,939	4,994	652	590	606
Ohio.....	1,323	1,191	1,083	1,553	1,553	1,420	74	81	80
Indiana.....	2,566	2,669	2,856	2,061	2,082	1,874	99	63	70
Illinois.....	885	823	905	1,150	1,300	1,235	107	107	108
Michigan.....	697	697	752	704	753	761	45	38	30
Wisconsin.....	481	601	661	522	720	907	96	100	83
East North Central.....	5,952	5,981	6,257	5,990	6,408	6,197	421	389	371
Minnesota.....	809	705	1,015	850	951	1,113	150	117	136
Iowa.....	1,098	1,153	1,268	727	981	1,226	198	168	168
Missouri.....	713	734	800	633	728	801	121	121	126
North Dakota.....	85	31	27	16	13	10	41	35	22
South Dakota.....	402	181	226	227	378	186	108	56	56
Nebraska.....	234	190	285	276	350	389	98	56	73
Kansas.....	382	348	485	284	398	330	51	50	100
West North Central.....	3,673	3,342	4,106	3,013	3,799	4,055	767	603	681
Delaware.....	93	100	93	95	108	109	39	25	25
Maryland.....	193	179	183	141	159	162	60	60	61
Virginia.....	701	456	524	721	743	780	99	99	109
West Virginia.....	69	90	99	58	52	60	50	44	34
North Carolina.....	2,223	2,423	2,665	2,254	2,570	2,698	842	800	728
South Carolina.....	684	807	873	611	984	1,012	75	76	75
Georgia.....	4,652	5,095	5,561	3,751	5,817	5,998	856	856	875
Florida.....	1,838	3,051	2,563	2,263	3,327	2,362	46	55	55
South Atlantic.....	10,453	12,201	12,561	9,894	13,760	13,181	2,067	2,015	1,962
Kentucky.....	302	268	445	215	359	395	98	77	78
Tennessee.....	503	610	702	499	624	580	138	144	145
Alabama.....	2,338	2,735	3,185	2,737	3,284	3,481	619	631	694
Mississippi.....	2,014	2,115	2,030	2,008	2,008	2,008	383	352	334
Arkansas.....	3,627	3,067	3,312	3,783	3,309	3,640	779	763	830
Louisiana.....	526	856	599	514	515	500	137	105	129
Oklahoma.....	170	190	194	218	174	174	30	28	28
Texas.....	1,934	1,934	1,992	2,011	2,252	1,734	324	334	316
South Central.....	11,414	11,775	12,459	11,985	12,525	12,512	2,508	2,434	2,563
Montana.....	78	91	96	90	93	64	14	14	12
Idaho.....	60	84	114	69	100	82	20	17	15
Wyoming.....	5	5	5	1	1	1	4	2	4
Colorado.....	182	174	205	169	222	186	19	10	19
New Mexico.....	44	80	106	137	137	178	5	5	5
Arizona.....	155	130	146	210	192	204	12	12	15
Utah.....	170	136	177	155	203	205	30	15	10
Nevada.....	3	1	1	1	1	1	1	1	1
Washington.....	964	770	708	1,070	970	970	102	82	102
Oregon.....	354	290	360	319	459	320	82	74	75
California.....	6,151	6,089	6,211	6,540	6,344	6,978	297	267	254
Western.....	8,166	7,850	8,129	8,761	8,722	9,189	586	499	512
48 States.....	44,669	46,440	48,657	43,835	50,153	50,128	7,001	6,530	6,695
Alaska.....			1				1	1	1
Hawaii.....	162	159	159	190	172	179	2	3	1
United States.....	44,831	46,599	48,817	44,025	50,325	50,307	7,004	6,534	6,697

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 583.—Chickens: Number on farms, value per head, and total value, by States, Jan. 1, 1968-70<sup>1</sup>

State and division	Number			Value per head			Total value		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine	6,897	7,267	8,326	1.70	1.70	1.80	11,725	12,354	14,987
New Hampshire	2,176	2,140	1,819	1.80	1.80	1.90	3,917	3,852	3,456
Vermont	653	751	728	1.70	1.85	2.00	1,110	1,389	1,456
Massachusetts	2,964	3,023	3,077	1.80	1.80	1.85	5,335	5,441	5,692
Rhode Island	450	495	465	1.80	1.75	1.90	810	866	884
Connecticut	4,960	5,134	5,379	1.85	1.90	1.90	9,176	9,755	10,220
New York	14,032	13,747	13,453	1.75	1.80	1.90	24,556	24,745	25,561
New Jersey	5,854	5,111	4,547	1.45	1.55	1.75	8,488	7,922	7,957
Pennsylvania	17,748	18,170	18,288	1.55	1.60	1.70	27,509	29,072	31,090
North Atlantic	55,734	55,838	56,082	1.66	1.71	1.80	92,626	95,396	101,303
Ohio	13,525	11,817	12,053	1.25	1.25	1.45	16,906	14,771	17,477
Indiana	17,432	18,049	18,167	1.15	1.25	1.40	20,047	22,561	25,434
Illinois	10,692	10,780	10,969	1.05	1.10	1.30	11,227	11,858	14,260
Michigan	8,443	7,785	7,840	1.35	1.40	1.55	11,398	10,899	12,152
Wisconsin	7,450	6,854	6,758	1.20	1.25	1.40	8,940	8,568	9,461
East North Central	57,542	55,285	55,787	1.19	1.24	1.41	68,518	68,657	78,784
Minnesota	12,766	11,745	12,336	1.10	1.30	1.40	14,043	15,269	17,270
Iowa	16,637	15,162	16,165	1.00	1.10	1.45	16,637	16,678	23,439
Missouri	8,133	8,116	8,521	.80	.88	1.05	6,506	7,142	8,947
North Dakota	1,581	1,360	1,238	.88	.99	1.20	1,391	1,346	1,486
South Dakota	7,048	5,638	5,638	.80	.98	1.25	5,638	5,412	7,048
Nebraska	6,560	5,715	5,965	.73	.87	1.10	4,789	4,972	6,562
Kansas	5,173	5,029	4,979	.84	.95	1.10	4,345	4,778	5,477
West North Central	57,898	52,765	54,842	.92	.95	1.28	53,349	55,597	70,229
Delaware	860	834	842	1.30	1.40	1.45	1,118	1,168	1,221
Maryland	2,009	1,989	2,029	1.35	1.50	1.55	2,712	2,984	3,145
Virginia	6,747	6,419	6,483	1.15	1.20	1.30	7,759	7,703	8,428
West Virginia	1,805	1,733	1,687	1.15	1.15	1.20	2,076	1,993	2,024
North Carolina	19,073	19,685	23,178	.99	1.05	1.15	18,882	20,659	26,655
South Carolina	6,869	7,146	7,503	1.15	1.30	1.35	7,899	9,290	10,129
Georgia	34,215	36,969	39,451	1.10	1.15	1.20	37,636	42,514	47,341
Florida	14,430	17,333	16,643	1.15	1.20	1.35	16,594	20,800	22,468
South Atlantic	86,008	92,108	97,816	1.10	1.16	1.24	94,676	107,121	121,411
Kentucky	4,193	4,067	4,113	.90	.93	1.05	3,774	3,782	4,319
Tennessee	7,186	7,303	7,648	.88	.94	1.25	6,324	6,865	9,560
Alabama	18,449	18,895	20,217	.95	1.05	1.15	17,527	19,840	23,250
Mississippi	15,905	15,630	15,772	1.10	1.15	1.30	17,496	17,975	20,504
Arkansas	23,408	22,510	23,931	.91	.99	1.15	21,301	22,285	27,521
Louisiana	5,100	5,340	5,238	1.15	1.15	1.30	5,865	6,141	6,809
Oklahoma	3,037	3,037	3,173	1.85	.98	1.10	2,521	2,976	3,490
Texas	19,298	17,445	17,096	1.05	1.05	1.10	20,623	18,317	18,806
South Central	96,576	94,227	97,188	.99	.96	1.18	95,431	98,181	114,259
Montana	1,219	1,297	1,238	1.15	1.15	1.35	1,402	1,492	1,671
Idaho	1,151	1,053	1,106	1.05	1.05	1.20	1,209	1,106	1,327
Wyoming	215	209	203	1.25	1.30	1.35	269	272	274
Colorado	1,897	1,935	1,954	1.05	1.00	1.25	1,992	1,935	2,443
New Mexico	934	963	1,223	1.05	.96	1.20	981	924	1,468
Arizona	1,540	1,450	1,459	1.20	1.05	1.30	1,848	1,523	1,897
Utah	1,670	1,630	1,630	1.20	1.05	1.25	2,004	1,712	2,038
Nevada	42	28	24	1.20	1.20	1.50	50	34	36
Washington	6,949	6,394	6,260	1.30	1.30	1.40	9,034	8,312	8,764
Oregon	3,142	3,258	3,141	1.25	1.20	1.45	3,928	3,910	4,554
California	51,327	49,889	50,260	1.10	1.15	1.35	56,460	57,372	67,851
Western	70,086	68,106	68,498	1.13	1.15	1.35	79,177	78,592	92,323
48 States	423,844	418,329	430,213	1.14	1.20	1.34	483,777	503,544	578,309
Alaska	37	30	30	2.25	2.25	2.05	83	68	62
Hawaii	1,277	1,276	1,290	2.00	1.95	2.00	2,554	2,488	2,580
United States	425,168	419,635	431,533	1.14	1.21	1.35	486,414	506,100	580,951

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 584.—Chickens: Numbers in specified countries, average 1961–65, annual 1967–69<sup>1</sup>

Continent and country	Month of estimate	Average 1961–65	1967	1968	1969 <sup>2</sup>
North America:		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Canada	Dec. 1	30,373	35,123	35,793	37,983
Mexico	Mar.	<sup>3</sup> 56,323	55,400	61,200	68,300
United States	Dec. 31	360,285	374,129	362,777	374,529
South America:					
Brazil	Dec. 31	121,118	128,000	129,000	130,000
Peru	Dec. 31	<sup>3</sup> 12,543	17,100	17,000	17,500
Venezuela		<sup>3</sup> 3,755	3,638	3,715	3,790
Europe:					
Austria	Dec. 3	<sup>3</sup> 8,680	8,334	8,333	8,641
Belgium	Dec. 15	<sup>3</sup> 13,293	12,978	13,607	15,500
Bulgaria <sup>4</sup>	Jan. 1	22,888	23,637	27,726	24,814
Czechoslovakia	Jan. 1	28,438	29,466	31,208	32,544
Denmark	Jan.	11,146	8,875	7,876	11,257
Finland <sup>4</sup>	June 15	6,709	7,284	6,961	7,500
France	Oct. 1	73,760	72,000	72,000	72,000
Germany, East	Jan. 1	37,240	37,070	37,976	38,802
Germany, West	Dec.	66,271	73,849	73,813	78,747
Greece	Dec. 31	12,912	15,579	16,149	16,750
Hungary	Mar.	<sup>3</sup> 28,678	32,184	31,093	28,120
Ireland	Jan. 1	7,288	7,847	7,960	7,986
Italy	Dec. 31	86,100	73,000	70,800	74,400
Netherlands	Dec.	24,066	15,624	15,556	16,229
Poland	Jan. 1	<sup>3</sup> 78,791	81,026	80,117	84,269
Romania	Jan. 1	39,022	43,966	47,148	47,618
Spain	Sept. 30	37,418	44,991	47,900	49,000
Sweden	June 1	10,153	8,100	8,535	8,515
Switzerland	Apr. 21	5,945	5,143	4,763	4,790
United Kingdom	Dec.	74,957	79,356	80,143	82,712
Yugoslavia	Jan. 15	25,614	29,525	30,279	31,404
Africa, Asia, and Oceania:					
South Africa, Republic of	Dec. 31	9,100	13,200	13,600	14,000
Israel	Jan. 1	6,950	6,430	6,300	6,700
Japan	Feb. 1	93,072	119,251	132,625	149,185
Turkey	Jan. 1	27,130	30,387	31,500	31,600
Australia	July 1	13,000	17,000	17,000	21,200
Total		1,433,083	1,509,492	1,530,453	1,596,385

<sup>1</sup> Chickens in laying flocks.<sup>2</sup> Preliminary.<sup>3</sup> Less than 5 years.<sup>4</sup> All poultry.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 585.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1960-69<sup>1</sup>

Year	Number				
	Raised <sup>2</sup>	Lost <sup>3</sup>	Produced <sup>4</sup>	Consumed in farm household <sup>5</sup>	Sold
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1960	329,658	69,161	260,497	83,204	181,804
1961	339,650	64,410	275,240	75,251	188,679
1962	319,504	62,767	256,737	66,256	192,298
1963	314,015	59,640	254,375	56,977	190,711
1964	315,531	60,197	255,334	48,826	194,632
1965	301,435	61,505	239,930	40,641	200,338
1966	339,801	57,937	281,864	33,624	212,513
1967	323,712	58,514	265,198	29,778	239,008
1968	301,780	54,000	247,780	26,600	226,703
1969 <sup>6</sup>	312,182	58,988	253,194	23,846	217,450

  

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms <sup>5</sup>	Gross income <sup>7</sup>
	Produced	Consumed in farm household <sup>5</sup>	Sold					
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1960	1,142,244	297,832	866,173	12.2	138,812	105,365	35,451	140,816
1961	1,223,813	268,380	902,079	10.1	124,261	91,210	26,769	117,979
1962	1,157,306	239,266	920,132	10.2	119,020	93,453	23,533	116,986
1963	1,147,462	204,865	907,567	10.0	115,786	90,603	19,808	101,441
1964	1,169,504	179,351	936,634	9.2	107,984	85,814	16,039	101,853
1965	1,134,631	152,229	967,818	8.9	101,949	86,289	13,320	99,609
1966	1,277,853	124,096	1,034,053	9.7	124,144	100,072	11,471	111,543
1967	1,245,840	110,290	1,157,938	7.9	98,773	91,723	8,582	100,305
1968	1,157,861	98,932	1,097,426	8.2	95,839	90,033	7,883	97,916
1969 <sup>6</sup>	1,205,843	89,294	1,058,044	9.7	117,503	102,971	8,072	111,043

<sup>1</sup> Does not include commercial broiler production. Beginning 1961, includes Alaska and Hawaii.<sup>2</sup> Total chicks hatched less death loss of chickens and young chickens during the year.<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.<sup>4</sup> Chickens raised less death loss during the year of mature chickens on hand Jan. 1.<sup>5</sup> Chickens consumed in households of farm producers.<sup>6</sup> Preliminary.<sup>7</sup> Value of sales plus value of those consumed in households of producers.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 598.

Table 586.—Chickens: Production, disposition, cash receipts, and gross income, by States, 1969 (preliminary) <sup>1</sup>

State and division	Number					Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms <sup>5</sup>	Gross income <sup>6</sup>
	Raised <sup>2</sup>	Lost <sup>3</sup>	Produced <sup>4</sup>	Consumed in farm household <sup>5</sup>	Sold	Produced	Consumed in farm household <sup>5</sup>	Sold					
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</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.....	6,435	1,043	5,392	33	4,300	32,649	168	26,660	11.0	3,591	2,933	18	2,951
New Hampshire.....	1,314	283	1,031	14	1,338	6,649	74	8,296	10.1	672	838	7	845
Vermont.....	553	103	450	20	453	2,603	98	2,627	10.0	260	263	10	273
Massachusetts.....	2,085	425	1,660	23	1,583	9,852	108	9,498	10.0	985	950	11	961
Rhode Island.....	354	61	293	3	320	1,807	16	1,920	10.0	181	192	2	194
Connecticut.....	3,676	733	2,943	16	2,682	17,823	85	16,360	10.0	1,782	1,636	8	1,644
New York.....	9,602	1,860	7,742	255	7,781	32,921	1,275	32,680	11.2	3,687	3,660	143	3,803
New Jersey.....	2,132	799	1,333	32	1,865	5,845	157	8,206	10.8	631	886	17	903
Pennsylvania.....	12,732	2,509	10,223	450	9,655	59,690	2,295	56,964	12.6	7,521	7,177	289	7,466
North Atlantic.....	38,883	7,816	31,067	846	29,977	169,839	4,276	163,211	11.4	19,310	18,535	505	19,040
Ohio.....	8,243	1,440	6,803	693	5,874	29,164	2,980	24,671	10.6	3,091	2,615	316	2,931
Indiana.....	13,611	2,139	11,472	503	10,851	47,588	2,213	44,489	9.7	4,616	4,315	215	4,530
Illinois.....	8,620	1,445	7,175	734	6,252	30,018	2,863	26,258	6.7	2,011	1,759	122	1,951
Michigan.....	5,930	1,100	4,830	475	4,300	21,439	2,138	19,780	8.4	1,801	1,662	180	1,842
Wisconsin.....	5,084	895	4,189	1,089	3,196	19,854	5,118	15,660	6.8	1,350	1,065	348	1,413
East North Central.....	41,488	7,019	34,469	3,494	30,473	148,063	15,312	130,858	8.7	12,869	11,416	1,251	12,667
Minnesota.....	9,535	1,785	7,750	814	6,345	31,533	3,582	26,014	5.9	1,860	1,535	211	1,746
Iowa.....	9,921	1,900	8,021	1,000	6,018	32,580	4,200	24,674	6.6	2,150	1,628	277	1,905
Missouri.....	8,411	1,200	7,211	1,100	5,706	35,086	3,740	29,671	7.0	2,456	2,077	262	2,339
North Dakota.....	1,110	200	910	375	657	3,632	1,425	2,759	4.6	167	127	66	193
South Dakota.....	4,266	648	3,618	623	2,995	15,018	2,367	12,280	4.7	706	577	111	688
Nebraska.....	3,896	794	3,102	867	1,985	12,343	3,295	8,138	5.4	667	439	178	617
Kansas.....	4,272	650	3,622	672	3,000	17,741	2,285	15,600	5.0	887	780	114	894
West North Central.....	41,411	7,177	34,234	5,451	26,706	147,933	20,894	119,136	6.0	8,893	7,163	1,219	8,382
Delaware.....	650	114	536	27	501	3,183	113	3,006	13.4	427	403	15	418
Maryland.....	1,805	302	1,503	88	1,375	7,161	378	6,600	11.5	824	759	43	802
Virginia.....	5,075	973	4,102	653	3,385	22,300	2,547	19,633	13.0	2,899	2,552	331	2,883
West Virginia.....	1,229	253	976	246	776	5,538	984	4,811	11.9	659	573	117	690
North Carolina.....	15,398	2,475	12,923	1,278	8,152	74,197	5,112	51,358	13.0	9,646	6,677	665	7,342
South Carolina.....	5,103	836	4,267	480	3,430	21,344	1,584	18,179	11.2	2,391	2,036	177	2,213
Georgia.....	28,951	5,642	23,309	772	20,055	113,570	2,702	98,270	11.7	13,288	11,498	316	11,814
Florida.....	11,762	2,289	9,473	140	10,023	44,171	448	44,101	8.4	3,710	3,704	38	3,742
South Atlantic.....	69,973	12,884	57,089	3,684	47,697	291,464	13,868	245,958	11.5	33,844	28,202	1,702	29,904



Kentucky .....	3,191	639	2,552	1,533	973	10,141	4,906	5,352	10.2	1,034	546	500	1,046
Tennessee .....	5,220	1,339	3,881	1,202	2,334	18,689	3,967	13,070	10.1	1,888	1,320	401	1,721
Alabama .....	16,051	2,950	13,101	1,075	10,704	67,176	3,762	57,802	10.5	7,053	6,069	395	6,464
Mississippi .....	13,806	2,262	11,544	1,457	9,945	54,258	4,662	48,730	10.3	5,589	5,019	480	5,499
Arkansas .....	19,757	2,900	16,857	743	14,693	87,902	2,378	79,342	10.2	8,966	8,093	243	8,336
Louisiana .....	3,640	820	2,820	820	2,102	14,521	2,952	11,561	11.2	1,626	1,295	331	1,626
Oklahoma .....	2,645	344	2,301	697	1,468	11,408	2,300	8,514	8.2	935	698	189	887
Texas .....	12,794	2,585	10,209	1,437	9,121	46,169	4,598	41,957	8.7	4,017	3,650	400	4,050
South Central .....	77,104	13,839	63,265	8,964	51,340	310,264	29,525	266,328	10.0	31,108	26,690	2,939	29,629
Montana .....	1,015	165	850	297	612	3,537	1,099	2,632	10.5	371	276	115	391
Idaho .....	744	102	642	129	460	2,533	503	1,794	6.7	170	120	34	154
Wyoming .....	191	25	166	62	110	719	248	495	11.8	85	58	29	87
Colorado .....	1,717	249	1,468	193	1,256	6,495	695	5,652	9.3	604	526	65	591
New Mexico .....	964	243	721	66	395	2,865	231	1,620	10.0	286	162	23	185
Arizona .....	845	181	664	13	642	2,732	46	2,696	5.5	150	148	3	151
Utah .....	950	217	733	50	683	2,936	195	2,800	5.9	173	165	12	177
Nevada .....	21	6	15	9	10	55	30	43	6.5	4	3	2	5
Washington .....	4,156	777	3,379	176	3,337	15,247	739	15,016	5.6	854	841	41	882
Oregon .....	2,143	350	1,793	129	1,781	8,101	503	7,836	5.5	446	431	28	459
California .....	29,859	7,732	22,127	260	21,496	91,246	1,040	90,283	8.9	8,121	8,035	93	8,128
Western .....	42,605	10,047	32,558	1,384	30,782	136,466	5,329	130,867	8.2	11,264	10,765	445	11,210
48 States .....	311,464	58,782	252,682	23,823	216,975	1,204,029	89,204	1,056,358	9.7	117,288	102,771	8,061	110,832
Alaska .....	26	8	18	3	15	89	14	76	16.5	15	13	2	15
Hawaii .....	692	198	494	20	460	1,725	76	1,610	11.6	200	187	9	196
United States .....	312,182	58,988	253,194	23,846	217,450	1,205,843	89,294	1,058,044	9.7	117,503	102,971	8,072	111,043

<sup>1</sup> Does not include broiler production.

<sup>2</sup> Total chicks hatched less death loss of chicks and young chickens during the year.

<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.

<sup>4</sup> Chickens raised less death loss during the year of mature chickens on hand Jan. 1.

<sup>5</sup> Chickens consumed in households of farm producers.

<sup>6</sup> Value of sales plus value of those consumed in households of producers.

Statistical Reporting Service.

Table 587.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States, 1968<sup>1</sup>

State and division	National Poultry Improvement Plan					National Turkey Improvement Plan				
	Hatcheries		Supply flocks			Hatcheries		Supply flocks		
	Number	Egg capacity	Flocks	Birds	Average birds per flock	Number	Egg capacity	Flocks	Birds	Average birds per flock
	Thousands	Number	Thousands	Number		Thousands	Number	Thousands	Number	
Maine.....	3	2,692	128	423	3,301					
New Hampshire.....	4	1,664	25	305	12,210	4	39	4	3	738
Vermont.....	2	72	33	30	921					
Massachusetts.....	55	2,803	189	370	1,957	4	80	5	5	985
Rhode Island.....	4	636	13	41	3,139	1	12	1		245
Connecticut.....	21	4,615	48	242	5,037	1	86			
New York.....	7	2,769	31	301	9,705	3	71	4	9	2,292
New Jersey.....	65	2,334	246	107	436	6	195	7	4	605
Pennsylvania.....	45	11,855	186	681	3,664	10	832	7	19	2,746
North Atlantic.....	206	29,440	899	2,500	2,781	29	1,315	28	40	1,456
Ohio.....	38	5,387	285	261	915	15	2,221	27	95	3,519
Indiana.....	67	10,517	280	651	2,327	4	953	7	10	1,439
Illinois.....	66	8,323	574	385	670	6	753	8	14	1,752
Michigan.....	20	1,975	13	32	2,423	7	1,535	52	116	2,240
Wisconsin.....	15	2,809	88	266	3,028	7	1,274	39	75	1,913
East North Central.....	206	29,011	1,240	1,595	1,286	39	6,736	133	310	2,332
Minnesota.....	69	8,026	229	521	2,274	23	6,313	222	444	1,997
Iowa.....	78	9,797	480	480	1,000	16	4,032	96	143	1,494
Missouri.....	34	8,179	512	335	654	10	2,897	81	161	1,992
North Dakota.....	11	1,061	97	37	383	1	45	3	3	1,158
South Dakota.....	42	3,394	178	116	653	1	53	5	12	2,419
Nebraska.....	28	3,130	187	137	733	5	515	11	26	2,325
Kansas.....	24	2,025	133	123	928	5	268	8	9	1,119
West North Central.....	286	35,612	1,816	1,749	963	61	14,123	426	798	1,874
Delaware.....	16	10,524	56	328	5,857					
Maryland.....	21	21,224	100	793	7,925	4	144	6	5	886
Virginia.....	13	4,049	89	321	3,604	8	2,721	48	103	2,148
West Virginia.....	3	505	33	16	482			4		10
North Carolina.....	58	31,947	956	6,414	6,710	13	2,537	65	208	3,201
South Carolina.....	12	2,749	53	401	7,573	2	254	27	67	2,466
Georgia.....	78	53,512	766	7,050	9,203	5	963	12	31	2,546
Florida.....	40	11,025	168	800	4,763	3	96	8	7	846
South Atlantic.....	241	135,535	2,221	16,123	7,259	35	6,715	170	421	2,473
Kentucky.....	11	999	49	64	1,297	2	275	1	1	700
Tennessee.....	23	4,774	132	456	3,455					
Alabama.....	13	5,251	312	1,754	5,620	1	16	17	48	2,837
Mississippi.....	31	19,156	307	2,188	7,128	1	37			
Arkansas.....	42	39,420	882	5,637	6,391	6	1,838	22	31	1,400
Louisiana.....	6	2,084	16	125	7,808					
Oklahoma.....	14	2,748	110	66	602	6	972	14	25	1,794
Texas.....	6	1,966	36	169	4,705	15	2,787	149	422	2,834
South Central.....	146	76,398	1,844	10,459	5,672	31	5,925	203	527	2,596
Montana.....	5	571	33	24	728					
Idaho.....	8	591	14	35	2,477					
Wyoming.....	1	31	6	1	219					
Colorado.....	4	559	19	29	1,537	4	1,393	4	33	8,375
Arizona.....	5	668	3	35	11,667	1	17			
Utah.....	6	811	10	25	2,520	6	1,346	23	44	1,899
Washington.....	10	3,524	71	312	4,391	2	143	3	18	5,870
Oregon.....	12	2,728	143	282	1,971	10	1,392	70	201	2,867
California.....	11	3,686	18	330	18,808	27	8,737	86	706	8,206
Western.....	62	13,169	317	1,082	3,412	50	13,028	186	1,002	5,382
United States.....	1,147	319,165	8,337	33,508	4,019	245	47,842	1,146	3,098	2,703

<sup>1</sup> Year beginning July 1, 1968.

Agricultural Research Service.

**Table 588.—Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1959–68**

Year beginning July	States reporting	Total birds	New Hampshire	Single Comb-White Leghorn	White Plymouth Rock	Barred Plymouth Rock	Rhode Island Red	Cross-mated	Increased-mated	Other	Tota
	Number	Number	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1959	47	36,100,789	1.7	15.5	7.2	0.5	1.0	66.2	6.8	1.1	100.0
1960	47	36,599,927	1.6	13.8	7.0	.4	.8	67.8	6.4	2.2	100.0
1961	47	36,989,724	1.1	13.6	4.7	.2	.9	72.0	6.4	1.1	100.0
1962	47	34,936,251	.7	13.5	5.2	.2	.7	71.5	7.4	.8	100.0
1963	47	35,759,267	.6	11.8	6.1	.3	.6	73.5	6.5	.6	100.0
1964	47	32,938,647	4	12.2	5.2	.7	.7	73.4	6.8	.6	100.0
1965	47	34,148,409	4	10.8	5.1	.3	.5	75.4	6.3	1.2	100.0
1966	47	38,128,303	.3	10.0	5.0	.3	.6	77.5	6.1	.2	100.0
1967	47	33,505,974	.2	9.9	3.8	.4	.5	78.4	6.2	.6	100.0
1968	47	33,507,516	.2	9.1	3.1	.4	.3	79.7	5.8	1.4	100.0

Agricultural Research Service. Data for 1941-58 in *Agricultural Statistics, 1967*, table 601.

**Table 589.—Chickens: Broiler production, and gross income, United States, 1955–69<sup>1</sup>**

Year	Production		Price per pound	Gross income <sup>2</sup>	Year	Production		Price per pound	Gross income <sup>2</sup>
	Number	Weight				Number	Weight		
	Thousands	1,000 pounds	Cents	1,000 dollars		Thousands	1,000 pounds	Cents	1,000 dollars
1955	1,091,684	3,349,555	25.2	843,953	1963	2,102,023	7,276,008	14.6	1,062,904
1956	1,343,660	4,269,502	19.6	838,450	1964	2,161,172	7,521,269	14.2	1,070,124
1957	1,447,528	4,682,738	18.9	886,062	1965	2,334,455	8,114,549	15.0	1,217,896
1958	1,659,519	5,430,674	18.5	1,001,990	1966	2,571,576	8,992,614	15.3	1,371,648
1959	1,736,922	5,762,951	16.1	925,408	1967	2,592,642	9,186,535	13.3	1,223,093
1960	1,794,933	6,017,217	16.9	1,014,084	1968	2,621,406	9,331,987	14.2	1,326,477
1961	1,990,906	6,831,932	13.9	947,433	1969 <sup>3</sup>	2,788,195	10,045,658	15.2	1,530,942
1962	2,023,373	6,907,076	15.2	1,048,826					

<sup>1</sup> Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens. Beginning 1961, includes Hawaii.

<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1934-54 in *Agricultural Statistics, 1967*, table 602.

## FOOTNOTES FOR TABLE 591

<sup>1</sup> Prices are 12-month averages for both broiler and egg-type chicks.

<sup>2</sup> Combined to avoid disclosing individual operations.

<sup>3</sup> Data not shown separately to avoid disclosing individual operations, but are included in regional and U.S. totals.

<sup>4</sup> North Dakota and South Dakota combined.

<sup>5</sup> Includes Michigan.

<sup>6</sup> Included in Western total.

Statistical Reporting Service.

Table 590.—Chickens: Broiler production and gross income, by States, 1968 and 1969<sup>1</sup>

State and division	1968				1969 <sup>2</sup>			
	Production		Price per pound	Gross income <sup>2</sup>	Production		Price per pound	Gross income <sup>2</sup>
	Number	Weight			Number	Weight		
	Thou- sands	1,000 pounds	Cents	1,000 dollars	Thou- sands	1,000 pounds	Cents	1,000 dollars
Maine.....	72,429	296,959	16.1	47,810	72,900	298,890	17.6	52,605
New Hampshire.....	1,376	5,504	16.0	881	482	1,928	17.5	337
Vermont.....	62	254	16.4	42	18	76	18.1	14
Massachusetts.....	5,369	22,550	15.9	3,585	3,216	14,472	17.5	2,533
Rhode Island.....	656	2,558	15.9	407	387	1,509	17.5	264
Connecticut.....	8,134	31,723	16.2	5,139	6,657	25,297	17.5	4,427
New York.....	2,709	10,836	21.7	2,351	2,438	9,752	21.2	2,067
New Jersey.....	1,000	5,000	23.1	1,155	950	4,845	25.2	1,221
Pennsylvania.....	45,424	181,696	16.2	29,435	48,998	195,992	16.9	33,123
North Atlantic.....	137,159	557,080	16.3	90,805	136,046	552,761	17.5	96,591
Ohio.....	9,664	38,656	15.5	5,992	10,051	40,204	16.2	6,513
Indiana.....	17,100	61,560	15.1	9,296	13,934	51,556	16.0	8,249
Michigan.....	518	2,124	17.5	372	777	5,439	17.9	974
Wisconsin.....	14,885	59,540	15.1	8,991	15,183	62,250	16.1	10,022
East North Central.....	42,167	161,880	15.2	24,651	39,945	159,449	16.2	25,758
Minnesota.....	11,415	43,377	16.7	7,244	11,872	46,301	17.6	8,149
Iowa.....	2,659	17,284	24.0	4,148	2,606	19,545	25.0	4,886
Missouri.....	20,450	71,575	14.7	10,522	21,796	76,286	15.5	11,824
Nebraska.....	1,292	4,264	15.3	652	1,318	4,349	17.1	744
Kansas.....	557	1,838	15.8	290	709	2,340	16.0	374
West North Central.....	36,373	138,338	16.5	22,856	38,301	148,821	17.5	25,977
Delaware.....	114,873	436,517	15.5	67,660	133,503	520,662	16.6	86,430
Maryland.....	157,887	599,971	15.5	92,996	174,274	679,669	16.6	112,825
Virginia.....	56,965	187,984	15.0	28,198	63,469	222,142	16.1	35,765
West Virginia.....	16,460	59,256	14.8	8,770	16,542	57,897	15.2	8,800
North Carolina.....	262,872	972,626	14.4	140,058	280,637	1,038,357	15.3	158,869
South Carolina.....	19,543	68,400	13.4	9,166	24,219	84,766	14.1	11,952
Georgia.....	436,748	1,528,618	13.1	200,249	442,221	1,547,774	14.1	218,236
Florida.....	35,481	124,184	13.4	16,641	38,737	135,580	14.1	19,117
South Atlantic.....	1,100,829	3,977,556	14.2	563,738	1,173,602	4,286,847	15.2	651,994
Kentucky.....	8,987	31,454	14.4	4,529	7,190	25,884	14.9	3,857
Tennessee.....	42,100	143,140	15.0	21,471	46,132	166,075	15.6	25,908
Alabama.....	328,510	1,149,785	13.2	151,772	352,745	1,234,608	14.0	172,845
Mississippi.....	203,451	691,733	13.0	98,925	221,016	773,556	14.0	108,298
Arkansas.....	390,947	1,290,125	13.6	175,457	414,623	1,409,718	15.0	211,458
Louisiana.....	42,776	153,994	13.5	20,789	46,706	168,142	14.4	24,212
Oklahoma.....	13,281	46,484	13.4	6,229	16,601	56,443	14.7	8,297
Texas.....	161,940	566,790	14.4	81,618	170,574	597,009	15.5	92,536
South Central.....	1,191,992	4,073,505	13.5	551,790	1,275,587	4,431,435	14.6	647,411
Idaho.....	6,400	21,760	16.9	3,677	7,936	23,014	18.1	4,166
Utah.....	1,815	6,897	17.0	1,172	1,652	5,288	17.6	930
Washington.....	21,288	80,894	17.7	14,318	21,436	83,600	18.4	15,382
Oregon.....	13,750	49,500	17.7	8,762	14,700	54,390	18.4	10,008
California.....	67,664	257,123	16.6	42,682	76,757	291,677	17.3	50,460
Western.....	110,917	416,174	17.0	70,611	122,481	457,967	17.7	80,946
48 States <sup>4</sup> .....	2,620,044	9,326,675	14.3	1,324,772	2,786,674	10,039,878	15.2	1,529,087
Hawaii.....	1,362	5,312	32.1	1,705	1,521	5,780	32.1	1,855
United States <sup>4</sup> .....	2,621,406	9,331,987	14.2	1,326,477	2,788,195	10,045,658	15.2	1,530,942

<sup>1</sup> Commercial broiler production including production of other meat-type breeds.<sup>2</sup> Includes home consumption which is less than 1 percent of total production.<sup>3</sup> Preliminary.<sup>4</sup> Illinois and Arizona included in total; not shown separately to avoid disclosing individual operations.

Statistical Reporting Service.

Table 591.—Chicks hatched by commercial hatcheries: Number and average price, by States, 1968 and 1969

State and division	Chicks hatched						Average price of baby chicks, per 100 <sup>1</sup>	
	1968			1969			1968	1969
	Broiler-type	Egg-type	All	Broiler-type	Egg-type	All	Dollars	Dollars
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>
Maine.....	74,763	6,060	80,823	79,014	5,362	84,376	11.4	11.3
New Hampshire <sup>2</sup> .....	5,816	2,201	8,017	5,297	1,947	7,244	15.4	15.5
Vermont.....	8,625	8,422	17,047	8,052	9,757	17,809	19.0	20.1
Massachusetts <sup>2</sup> .....	11,936	4,232	16,168	8,578	4,675	13,253	13.8	14.9
Rhode Island.....	( <sup>3</sup> )	20,010	( <sup>3</sup> )	( <sup>3</sup> )	20,720	( <sup>3</sup> )	31.9	32.0
Connecticut.....	( <sup>3</sup> )	3,453	( <sup>3</sup> )	( <sup>3</sup> )	1,422	( <sup>3</sup> )	25.5	20.3
New York.....	62,876	24,424	87,300	71,310	24,764	96,074	15.1	14.7
New Jersey.....								
Pennsylvania.....								
North Atlantic.....	165,085	68,802	233,887	173,527	68,647	242,174	14.9	14.7
Ohio.....	6,220	18,285	24,505	7,910	18,555	26,465	28.8	27.2
Indiana.....	23,732	33,635	57,367	20,232	33,268	53,500	22.8	23.6
Illinois.....	( <sup>3</sup> )	20,863	21,035	194	21,934	22,128	44.2	42.4
Michigan.....	( <sup>3</sup> )	8,310	( <sup>3</sup> )	( <sup>3</sup> )	10,050	( <sup>3</sup> )	37.8	38.0
Wisconsin.....	14,644	6,392	21,036	14,932	7,157	22,089	17.6	17.3
East North Central.....	44,768	87,485	123,943	43,268	90,964	124,182	26.6	26.3
Minnesota.....	10,845	18,320	29,165	11,301	20,971	32,272	25.9	26.9
Iowa.....	( <sup>3</sup> )	19,150	( <sup>3</sup> )	( <sup>3</sup> )	22,000	( <sup>3</sup> )	35.1	36.6
Missouri.....	12,736	14,883	27,599	10,309	16,968	27,277	16.1	19.9
North Dakota.....	( <sup>3</sup> )	1,147	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	23.3	.....
South Dakota.....	( <sup>3</sup> )	6,275	( <sup>3</sup> )	( <sup>3</sup> )	4,676	( <sup>3</sup> )	39.0	41.0
Nebraska.....	1,688	8,008	9,696	1,628	7,894	9,522	32.4	33.7
Kansas.....	647	5,925	6,572	750	5,651	6,401	34.1	34.4
West North Central.....	<sup>5</sup> 30,611	73,688	<sup>5</sup> 112,609	<sup>5</sup> 28,163	80,160	<sup>5</sup> 118,373	26.5	28.5
Delaware.....	97,411	( <sup>3</sup> )	( <sup>3</sup> )	14,135	( <sup>3</sup> )	( <sup>3</sup> )	11.3	11.5
Maryland.....	194,805	( <sup>3</sup> )	( <sup>3</sup> )	218,049	( <sup>3</sup> )	( <sup>3</sup> )	11.0	11.1
Virginia.....	65,912	4,594	70,506	73,002	3,039	76,041	10.9	10.6
West Virginia.....	2,976	( <sup>3</sup> )	( <sup>3</sup> )	1,508	( <sup>3</sup> )	( <sup>3</sup> )	13.2	15.0
North Carolina.....	286,939	10,415	297,354	318,794	9,557	328,351	9.6	9.9
South Carolina.....	19,011	7,942	26,953	22,164	8,236	30,400	13.9	12.8
Georgia.....	494,508	38,754	533,262	496,382	41,439	537,821	10.1	10.6
Florida.....	45,556	38,220	83,776	52,877	43,732	96,609	16.8	16.6
South Atlantic.....	1,207,118	101,638	1,308,756	1,297,311	107,671	1,404,982	10.7	11.0
Kentucky.....	( <sup>3</sup> )	3,640	( <sup>3</sup> )	( <sup>3</sup> )	4,594	( <sup>3</sup> )	17.7	20.6
Tennessee.....	31,989	10,242	42,231	31,516	11,539	43,055	12.6	13.0
Alabama.....	355,737	13,352	369,089	382,908	12,394	395,302	8.9	8.8
Mississippi.....	203,883	15,542	219,425	216,586	15,683	232,269	9.3	9.3
Arkansas.....	418,401	20,350	438,751	491,687	20,439	512,126	9.3	9.3
Louisiana.....	43,287	3,364	46,651	42,269	3,062	45,331	9.0	9.6
Oklahoma.....	( <sup>2</sup> )	3,869	( <sup>3</sup> )	( <sup>3</sup> )	3,182	( <sup>3</sup> )	17.7	18.0
Texas.....	172,209	25,512	197,721	179,481	23,908	203,389	10.9	11.1
South Central.....	1,229,954	95,871	1,325,825	1,348,752	94,801	1,443,553	9.6	9.6
Montana.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....
Idaho.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....
Wyoming.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....
Colorado.....	176	1,823	1,999	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	41.3	41.4
New Mexico.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....
Arizona.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....
Utah.....	1,401	1,610	3,011	1,730	1,537	3,267	22.4	21.9
Washington.....	22,851	9,551	32,402	23,818	9,779	33,597	16.7	15.9
Oregon.....	14,697	3,588	18,285	14,894	3,188	18,082	14.5	14.2
California.....	75,380	64,290	139,670	84,668	65,009	149,677	16.8	16.7
Western.....	121,553	86,817	208,370	134,019	87,645	221,664	17.2	16.7
48 States.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	.....	.....
Hawaii.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	.....	.....
United States.....	2,799,089	514,301	3,313,390	3,025,040	529,888	3,554,928	11.7	11.7

See footnotes on page 409.

Table 592.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1955-69<sup>1</sup>

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production
	Broiler-type	Egg-type	All		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1955	1,204,711	647,620	1,852,331	18.5	342,268
1956	1,457,531	667,947	2,125,478	18.3	388,605
1957	1,580,415	518,738	2,099,153	16.0	336,414
1958	1,822,379	596,490	2,418,869	17.3	417,802
1959	1,844,120	540,992	2,385,112	14.5	345,692
1960	1,965,504	479,666	2,445,170	15.5	379,197
1961	2,119,845	525,876	2,645,721	14.4	381,701
1962	2,197,276	501,973	2,699,249	13.9	376,308
1963	2,254,150	514,780	2,768,930	14.2	392,067
1964	2,305,059	528,371	2,834,330	13.5	381,867
1965	2,513,881	488,965	3,002,846	13.2	395,770
1966	2,747,592	569,333	3,316,925	12.6	384,181
1967	2,758,542	534,818	3,293,360	11.5	350,903
1968	2,799,089	514,301	3,313,390	11.7	358,944
1969	3,025,040	529,888	3,554,928	11.7	386,723

<sup>1</sup> Beginning 1961, includes Hawaii.Statistical Reporting Service. Data for 1945-54 in *Agricultural Statistics, 1967*, table 605.Table 593.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1960-69<sup>1</sup>

Year	Production			Com- mercial storage at be- ginning of year	Exports and ship- ments to Terri- tories	Com- mercial storage at end of year	Consumption		
	Com- mercial broilers	Other chick- ens <sup>2</sup>	Total				Military	Civilian	
								Total	Per capita
	<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>Pounds</i>
1960	4,332	876	5,208	161	182	130	74	4,983	28.0
1961	4,919	868	5,787	130	247	160	79	5,431	30.0
1962	4,973	852	5,825	160	262	124	98	5,501	29.9
1963	5,239	809	6,048	124	226	135	84	5,727	30.7
1964	5,415	804	6,219	135	250	138	87	5,879	31.0
1965	5,843	806	6,649	138	191	108	94	6,394	33.3
1966	6,475	834	7,309	108	172	163	97	6,985	36.0
1967	6,614	913	7,527	163	159	169	104	7,258	37.1
1968	6,719	861	7,580	169	165	97	100	7,387	37.4
1969 <sup>3</sup>	7,233	826	8,059	97	176	110	80	7,790	39.0

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.<sup>2</sup> Includes an allowance for nonfarm (backyard) production through 1963.<sup>3</sup> Preliminary.Economic Research Service. Data for 1947-59 in *Agricultural Statistics, 1967*, table 607.

**Table 594.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1967-69**

Class	Number inspected			Pounds inspected (live weight)		
	1967	1968	1969	1967	1968	1969
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	2,319,390	2,335,881	2,516,287	8,227,919	8,310,202	9,064,962
Mature chickens.....	170,203	151,180	153,767	790,234	693,796	710,935
Total chickens.....	2,489,593	2,487,061	2,670,054	9,018,153	9,003,998	9,775,897
Young turkeys.....	96,647	84,636	84,476	1,920,001	1,701,177	1,693,643
Old turkeys.....	2,026	1,471	1,237	38,890	28,582	23,616
Fryer-roaster turkeys.....	15,544	11,317	9,651	137,100	102,029	89,816
Total turkeys.....	114,217	97,424	95,364	2,095,991	1,831,788	1,806,877
Ducks.....	10,133	10,257	11,589	64,262	64,745	72,018
Other poultry.....				6,486	6,453	6,898
Total poultry.....				11,184,892	10,906,984	11,661,690

Class	Pounds certified (ready-to-cook)			Pounds condemned		
	1967	1968	1969	Ante-mortem (live weight)		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	5,876,125	5,939,058	6,484,117	23,762	27,483	34,471
Mature chickens.....	516,758	450,237	454,400	4,850	5,009	5,669
Total chickens.....	6,392,883	6,389,295	6,938,517	28,612	32,492	40,140
Young turkeys.....	1,528,360	1,353,853	1,344,352	3,776	3,223	3,514
Old turkeys.....	30,846	22,790	18,886	86	84	82
Fryer-roaster turkeys.....	105,764	78,955	69,548	302	221	214
Total turkeys.....	1,664,970	1,455,598	1,432,786	4,164	3,523	3,810
Ducks.....	45,937	46,369	51,133	8	14	34
Other poultry.....	4,080	4,034	4,438	9	14	13
Total poultry.....	8,107,870	7,895,296	8,426,874	32,793	36,048	43,997

Class	Pounds condemned—Continued					
	Post-mortem (New York dressed weight)					
	1967	1968	1969	1967	1968	1969
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	292,659	271,093	287,825			
Mature chickens.....	32,397	30,512	34,729			
Total chickens.....	325,056	301,605	322,554			
Young turkeys.....	37,447	33,049	37,538			
Old turkeys.....	1,059	758	796			
Fryer-roaster turkeys.....	2,393	1,817	1,750			
Total turkeys.....	40,899	35,624	40,084			
Ducks.....	770	727	1,053			
Other poultry.....	42	53	50			
Total poultry.....	366,767	338,009	363,741			

Statistical Reporting Service.

**Table 595.—Poultry: Used in further processing and cut-up under Federal inspection, ready-to-cook basis, United States, 1960-69**

Year	Young chickens	Mature chickens	Turkeys	Other poultry <sup>1</sup>	Total poultry
	<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>
1960.....	101,752	191,644	101,512	9,143	404,051
1961.....	77,836	216,963	104,649	37,084	436,532
1962.....	86,588	218,523	147,549	36,774	489,434
1963.....	103,832	251,821	190,694	37,402	583,749
1964.....	124,117	256,729	211,009	40,131	631,986
1965.....	138,645	310,068	252,935	43,068	744,716
1966.....	178,321	302,236	334,732	59,434	874,723
1967.....	219,596	346,856	318,146	78,681	963,279
1968.....	254,016	377,878	382,754	72,208	1,086,856
1969.....	272,282	377,428	493,755	83,043	1,226,508

<sup>1</sup> Parts and fat used are no longer available by class of poultry; quantity shown includes parts, fat, and ducks and other poultry.Statistical Reporting Service. Data for 1954-59 in *Agricultural Statistics, 1967*, table 609.

**Table 596.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1968 and 1969**

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry <sup>1</sup>	
	1968	1969	1968	1969	1968	1969	1968	1969
	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	86	59	89,488	71,946	366,870	317,074	540,285	417,336
February.....	75	56	85,464	60,850	360,589	293,587	524,870	394,027
March.....	77	71	79,940	55,565	310,307	254,369	458,130	349,979
April.....	82	52	81,100	51,622	267,813	201,359	400,108	287,438
May.....	102	173	85,710	49,571	225,075	155,003	350,567	238,523
June.....	191	237	95,398	53,282	194,149	122,971	311,742	206,992
July.....	287	300	107,703	60,660	185,291	119,293	295,786	199,808
August.....	262	213	109,585	66,213	225,950	162,747	332,494	247,921
September.....	229	120	108,925	64,261	304,696	237,128	413,488	323,875
October.....	150	85	102,047	56,399	385,943	329,406	492,007	423,387
November.....	172	45	92,232	55,307	504,448	435,620	606,552	538,804
December.....	91	64	82,437	49,579	385,688	283,828	486,215	390,316

<sup>1</sup> Includes stocks of turkeys and other poultry.  
Statistical Reporting Service.

**Table 597.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1955-69**

Year	Ratios <sup>1</sup>			Poultry ration cost per 100 lbs. <sup>2</sup>	Year	Ratios <sup>1</sup>			Poultry ration cost per 100 lbs. <sup>2</sup>
	Egg-feed	Broiler-feed	Turkey-feed			Egg-feed	Broiler-feed	Turkey-feed	
	Pounds	Pounds	Pounds	Dollars		Pounds	Pounds	Pounds	Dollars
1955.....	11.0	5.0	8.3	3.61	1963.....	9.7	3.0	6.2	3.54
1956.....	10.9	4.0	8.2	3.54	1964.....	9.8	3.0	6.2	3.43
1957.....	10.9	3.9	6.9	3.47	1965.....	9.8	3.1	6.6	3.43
1958.....	11.3	3.7	7.2	3.42	1966.....	<sup>3</sup> 9.0	3.1	4.5	.....
1959.....	9.2	3.3	6.9	3.40	1967.....	<sup>3</sup> 7.3	2.9	4.4	.....
1960.....	10.9	3.6	7.7	3.33	1968.....	<sup>3</sup> 8.5	3.2	4.7	.....
1961.....	10.6	3.0	6.1	3.36	1969.....	<sup>3</sup> 10.0	3.4	4.5	.....
1962.....	9.9	3.3	6.1	3.42					

<sup>1</sup> Number of pounds of poultry ration equivalent in value at local market prices to 1 dozen eggs, or 1 pound of broiler or turkey (live weight). Simple average of monthly ratios.

<sup>2</sup> Average of prices paid for commercial feed, and prices received for grain.

<sup>3</sup> Number of pounds of laying feed equal in value to 1 dozen eggs. Comparable ratios for 1963, 1964, and 1965 are 8.0, 8.0, and 8.0, respectively.

<sup>4</sup> Number of pounds of turkey grower equal in value to 1 pound of turkey (live weight). Comparable ratios for 1963, 1964, and 1965 are 4.9, 4.8, and 5.1, respectively.

Statistical Reporting Service. Data for 1930-54 in *Agricultural Statistics, 1967*, table 606.

**Table 598.—Chickens and turkeys: Number officially tested for pullorum disease, and number and percentage of reactors, United States, 1959-68**

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens tested (first test)	Reactors		States reporting	Turkeys tested (first test)	Reactors	
			Number	Percent			Number	Percent
1959.....	47	37,031	6,812	0.0183	47	3,510,154	243	0.0069
1960.....	47	37,125	4,892	0.0131	47	4,618,239	132	0.0028
1961.....	47	37,926	6,950	0.0183	47	4,031,834	340	0.0084
1962.....	47	35,236	1,797	0.0050	47	3,879,861	135	0.0034
1963.....	47	36,257	1,997	0.0055	47	3,779,537	178	0.0047
1964.....	47	33,175	1,461	0.0044	47	3,798,357	84	0.0022
1965.....	47	34,261	410	0.0012	47	4,121,626	0	0.0000
1966.....	47	38,327	381	0.0010	47	4,397,268	2	0.0005
1967.....	47	33,591	741	0.0020	47	3,482,049	19	0.0005
1968.....	47	33,613	100	0.0005	47	3,127,850	0	0.0000

Agricultural Research Service. Data for 1945-58 in *Agricultural Statistics, 1967*, table 611.



Table 599.—Turkeys: Number on farms, value per head, and total value, by States, Jan. 1, 1968–70

State and division	Turkeys <sup>1</sup>			Value per head			Total value		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1	1	1	6.00	6.50	7.00	6	7	7
New Hampshire.....	14	4.2	3.9	6.65	6.60	7.40	93	28	29
Vermont.....	1	1	.5	6.50	6.50	6.70	6	7	3
Massachusetts.....	19	15	15	6.85	6.70	7.20	130	98	105
Rhode Island.....	1	.7	.8	6.80	6.85	7.30	7	5	6
Connecticut.....	11	4.1	6.1	6.75	6.75	7.10	74	28	43
New York.....	31	36	36	6.25	6.15	6.70	194	221	241
New Jersey.....	17	13	12	5.15	5.65	5.60	88	73	67
Pennsylvania.....	153	181	173	5.55	6.10	5.20	849	1,104	900
North Atlantic.....	248	256	248	5.83	6.14	5.65	1,447	1,571	1,401
Ohio.....	202	157	161	5.75	5.95	6.00	1,162	934	966
Indiana.....	71	50	33	4.80	5.20	5.40	341	260	178
Illinois.....	58	36	29	4.50	4.80	5.40	261	173	157
Michigan.....	143	126	138	5.00	5.10	5.10	715	643	704
Wisconsin.....	333	207	178	4.80	5.45	5.70	1,598	1,128	1,015
East North Central.....	807	576	539	5.05	5.45	5.60	4,077	3,138	3,020
Minnesota.....	792	885	867	4.60	4.80	5.00	3,643	4,248	4,335
Iowa.....	218	191	155	4.95	5.10	6.30	1,079	974	977
Missouri.....	346	241	254	4.75	4.75	4.85	1,644	1,145	1,232
North Dakota.....	25	23	21	4.75	5.40	6.60	119	124	139
South Dakota.....	53	20	31	4.10	4.50	4.60	209	90	143
Nebraska.....	55	58	70	4.40	4.90	5.50	242	284	385
Kansas.....	44	35	35	4.80	5.60	5.60	211	196	196
West North Central.....	1,533	1,453	1,433	4.66	4.86	5.17	7,147	7,061	7,407
Delaware.....	7	7	6	5.30	5.50	5.50	37	39	33
Maryland.....	19	18	15	5.40	5.65	5.70	103	102	86
Virginia.....	244	214	253	4.10	4.45	4.60	1,000	952	1,164
West Virginia.....	94	83	77	4.45	4.50	4.70	418	374	362
North Carolina.....	997	747	769	4.10	4.30	4.60	4,088	3,196	3,537
South Carolina.....	200	273	254	4.65	4.55	5.30	930	1,242	1,346
Georgia.....	124	110	105	4.80	4.85	5.40	595	534	567
South Atlantic <sup>3</sup> .....	1,685	1,446	1,479	4.26	4.45	4.80	7,171	6,429	7,095
Kentucky.....	9	20	10	4.55	4.90	5.10	41	98	51
Tennessee.....	18	16	14	4.00	4.40	4.70	72	70	66
Alabama.....	43	44	2	4.55	4.60	5.30	196	202	11
Mississippi.....	12	8	4	4.30	4.40	5.10	52	35	20
Arkansas.....	154	100	126	4.90	4.75	5.00	755	475	630
Louisiana.....	5	5	4	5.20	5.35	6.00	26	27	24
Oklahoma.....	58	29	48	4.70	4.90	5.80	273	142	278
Texas.....	744	973	997	4.45	4.70	5.50	3,311	4,573	5,484
South Central.....	1,043	1,195	1,205	4.53	4.70	5.45	4,726	5,622	6,564
Montana, Idaho, Wyoming, Arizona, New Mexico, and Florida <sup>4</sup> .....	40.4	27	19.2	5.10	5.30	5.45	206	143	105
Colorado.....	65	69	75	5.30	5.75	5.60	344	397	420
Utah.....	92	92	76	4.90	5.80	5.60	451	534	426
Washington.....	41	27	25	4.35	4.40	5.30	178	119	133
Oregon.....	223	217	195	4.95	5.45	6.30	1,104	1,183	1,229
California.....	1,524	1,246	1,380	4.65	5.25	6.50	7,087	6,542	8,970
Western and Florida.....	1,985	1,678	1,770	4.72	5.31	6.37	9,370	8,918	11,283
United States.....	7,301	6,604	6,674	4.65	4.95	5.50	33,938	32,739	36,770

<sup>1</sup> Birds remaining for market and breeding stock on Jan. 1.<sup>2</sup> Preliminary.<sup>3</sup> Florida not included.<sup>4</sup> Combined to avoid disclosing individual operations.

Statistical Reporting Service.

Table 600.—Turkeys: Number on farms, and value, United States, Jan. 1, 1955–70

Year	Turkeys		Value per head	Total value	Year	Turkeys		Value per head	Total value
	Breeder hens	Total				Breeder hens	Total		
	Thou- sands	Thou- sands				Thou- sands	Thou- sands		
1955	3,012	4,917	5.33	26,185	1963	3,777	6,374	4.40	28,020
1956	3,181	4,937	5.50	27,162	1964	3,636	5,996	4.28	25,669
1957	3,605	5,828	5.05	29,452	1965	3,555	6,100	4.40	26,813
1958	3,336	5,612	4.67	26,189	1966	3,920	6,905	5.26	36,303
1959	3,662	6,105	4.65	28,399	1967	4,148	7,817	5.13	40,127
1960	3,327	5,633	4.89	27,547	1968	3,392	7,301	4.65	33,946
1961	4,316	7,008	4.91	34,370	1969	3,290	6,604	4.95	32,739
1962	3,823	6,423	3.79	24,349	1970 <sup>1</sup>	3,396	6,674	5.50	36,770

<sup>1</sup> Preliminary.Statistical Reporting Service. Data for 1929-54 in *Agricultural Statistics, 1967*, table 612.

Table 601.—Turkeys: Production, disposition, and gross income, United States, 1960–69

Year	Number				Pounds (live weight)		Price per pound live weight	Value of turkeys produced	Gross income
	Raised <sup>1</sup>	Lost <sup>2</sup>	Pro-duced <sup>3</sup>	Sold <sup>4</sup>	Produced	Sold <sup>4</sup>			
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	1,000 pounds	1,000 pounds			
1960	84,458	187	84,271	82,896	1,488,649	1,463,028	25.4	377,353	370,925
1961	107,749	253	107,496	108,081	1,871,494	1,881,992	18.9	353,969	355,826
1962	92,088	251	91,837	91,886	1,626,049	1,626,988	21.6	351,267	351,531
1963	94,063	214	93,849	94,227	1,686,355	1,693,943	22.3	375,664	377,313
1964	101,105	213	100,892	100,788	1,826,035	1,823,562	21.0	383,909	383,405
1965	105,914	211	105,703	104,898	1,915,331	1,900,703	22.2	424,449	421,295
1966	116,538	253	116,285	115,373	2,123,478	2,106,860	23.1	489,594	485,725
1967	126,577	263	126,314	126,830	2,342,801	2,353,668	19.7	457,602	459,528
1968	106,549	198	106,351	107,048	2,009,432	2,025,051	20.5	412,883	416,220
1969 <sup>5</sup>	106,416	212	106,204	106,134	2,024,299	2,023,009	22.4	453,499	453,234

<sup>1</sup> Total poults hatched less death loss of poults and young turkeys during the year.<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.<sup>3</sup> Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.<sup>4</sup> Includes consumption in households of producers which is less than 1 percent of production for United States.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 615.

Table 602.—Turkeys: Production, disposition, and gross income, by States, 1969 (preliminary)

State and division	Number				Average weight per bird sold	Pounds (live weight)		Price per pound live weight	Gross income <sup>4</sup>
	Raised <sup>1</sup>	Lost <sup>2</sup>	Pro-duced <sup>3</sup>	Sold		Pro-duced	Sold		
	Thou-sands	Thou-sands	Thou-sands	Thou-sands		Pounds	1,000 pounds		
Maine.....	14	0	14	14	18.7	262	262	34.0	89
New Hampshire.....	31	0	31	31	20.2	626	632	34.0	215
Vermont.....	8	0	8	9	20.0	160	170	34.0	58
Massachusetts.....	243	1	242	242	19.6	4,743	4,743	34.5	1,636
Rhode Island.....	12	0	12	12	19.0	228	226	34.5	78
Connecticut.....	111	0	111	109	19.3	2,144	2,104	35.0	736
New York.....	412	0	412	412	20.2	8,322	8,322	32.4	2,696
New Jersey.....	111	0	111	112	21.1	2,343	2,363	35.0	827
Pennsylvania.....	1,928	3	1,925	1,933	20.1	38,705	38,853	25.3	9,830
North Atlantic.....	2,870	4	2,866	2,874	20.1	57,533	57,675	28.0	16,165
Ohio.....	3,927	8	3,919	3,915	19.1	74,848	74,776	23.3	17,423
Indiana.....	3,622	1	3,621	3,638	20.3	73,537	73,851	21.9	16,173
Illinois.....	672	1	671	678	20.5	13,763	13,899	25.7	3,572
Michigan.....	887	5	882	870	20.5	18,069	17,835	22.5	4,013
Wisconsin.....	3,170	4	3,166	3,195	18.6	58,891	59,427	22.6	13,431
East North Central.....	12,278	19	12,259	12,296	19.5	239,108	239,788	22.8	54,612
Minnesota.....	16,547	25	16,522	16,540	16.5	272,568	272,910	22.4	61,132
Iowa.....	5,778	8	5,770	5,806	20.0	115,418	116,120	22.3	25,895
Missouri.....	7,988	11	7,977	7,964	20.3	161,877	161,669	21.1	34,112
North Dakota.....	899	1	898	900	18.4	16,526	16,560	23.6	3,908
South Dakota.....	1,094	1	1,093	1,082	14.5	15,843	15,689	20.9	3,279
Nebraska.....	711	2	709	697	21.0	14,853	14,637	20.8	3,044
Kansas.....	360	2	358	358	20.7	7,411	7,411	21.4	1,586
West North Central.....	33,377	50	33,327	33,347	18.1	604,496	604,996	22.0	132,956
Delaware.....	150	0	150	151	14.7	2,202	2,220	22.1	491
Maryland.....	95	0	95	98	18.7	1,776	1,833	22.1	405
Virginia.....	4,185	6	4,179	4,140	17.5	72,996	72,450	22.7	16,446
West Virginia.....	677	1	676	682	16.5	11,169	11,253	21.9	2,464
North Carolina.....	9,419	11	9,408	9,380	17.9	168,420	167,902	22.1	37,106
South Carolina.....	2,540	4	2,536	2,555	19.5	49,442	49,822	23.1	11,509
Georgia.....	1,635	2	1,633	1,638	20.1	32,839	32,924	20.6	6,782
South Atlantic.....	18,701	24	18,677	18,644	18.2	338,844	338,404	22.2	75,203
Kentucky.....	58	1	57	67	20.5	1,214	1,374	22.9	315
Tennessee.....	15	1	14	16	20.0	288	320	22.5	72
Alabama.....	640	1	639	681	20.1	13,100	13,688	20.6	2,820
Mississippi.....	41	0	41	45	16.3	678	734	23.5	172
Arkansas.....	6,661	3	6,658	6,632	19.4	129,038	128,661	20.7	26,633
Louisiana.....	6	0	6	7	18.5	114	130	25.0	32
Texas.....	7,025	35	6,990	6,966	20.3	141,842	141,410	21.2	29,979
South Central.....	14,446	41	14,405	14,414	19.9	286,274	286,317	21.0	60,023
Montana, Idaho, Wyoming, New Mexico, Florida, Arizona, and Oklahoma <sup>5</sup>	1,575	3	1,572	1,561	18.9	29,431	29,249	23.3	6,815
Colorado.....	2,442	3	2,439	2,433	20.7	50,471	50,363	23.9	12,037
Utah.....	3,209	3	3,206	3,222	21.5	68,953	69,273	21.9	15,171
Washington.....	574	1	573	575	17.8	10,196	10,235	22.0	2,252
Oregon.....	1,812	12	1,800	1,822	19.1	34,404	34,800	24.6	8,561
California.....	15,132	52	15,080	14,946	20.2	304,589	301,909	23.0	69,439
Western.....	24,744	74	24,670	24,558	20.2	498,044	495,829	23.0	114,275
United States.....	106,416	212	106,204	106,134	19.1	2,024,299	2,023,009	22.4	453,234

<sup>1</sup> Total poult hatched less death loss of poult and young turkeys during the year.

<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.

<sup>3</sup> Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.

<sup>4</sup> Value of sales plus value of those consumed in households of producers.

<sup>5</sup> Not shown separately to avoid disclosing individual operations; included with Western States.

Statistical Reporting Service.

**Table 603.—Turkeys: Average live weight of birds sold, United States, 1960–69**

Year	Hens	Toms	Fryers	All	Year	Hens	Toms	Fryers	All
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1960.....	14.5	24.8	8.7	17.6	1965.....	14.8	25.4	8.8	18.1
1961.....	14.5	24.4	8.7	17.4	1966.....	14.9	25.2	8.9	18.3
1962.....	14.6	24.8	8.7	17.7	1967.....	14.8	25.4	8.9	18.6
1963.....	14.8	25.0	8.7	18.0	1968.....	15.3	25.8	9.0	18.9
1964.....	14.9	25.4	8.7	18.1	1969 <sup>1</sup> .....	15.2	25.3	9.3	19.1

<sup>1</sup> Preliminary.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 616.**Table 604.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1960–69<sup>1</sup>**

Year	Production	Commercial storage at beginning of year	Exports and shipments to Territories	Commercial storage at end of year	Consumption		
					Military	Civilian	
						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>	
1960.....	1,156	149	24	160	31	1,090	6.1
1961.....	1,506	160	28	263	29	1,346	7.4
1962.....	1,302	263	37	203	34	1,291	7.0
1963.....	1,355	203	31	217	40	1,270	6.8
1964.....	1,459	217	43	207	36	1,390	7.3
1965.....	1,521	207	58	200	40	1,430	7.5
1966.....	1,685	200	47	267	56	1,515	7.8
1967.....	1,885	267	49	367	53	1,681	8.6
1968.....	1,620	367	41	317	63	1,566	7.9
1969 <sup>2</sup> .....	1,618	317	37	192	37	1,669	8.4

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Preliminary.Economic Research Service. Data for 1947-59 in *Agricultural Statistics, 1967*, table 617.**Table 605.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1960–69**

Year	Heavy white breeds <sup>1 2</sup>	All other heavy breeds <sup>2</sup>	Total all heavy breeds	Light breeds <sup>3</sup>	Total all breeds
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1960.....	24,834	53,056	82,890	12,168	95,058
1961.....	35,624	68,066	103,690	12,588	116,278
1962.....	32,767	56,509	89,276	9,778	99,054
1963.....	34,616	57,052	91,668	10,696	102,364
1964.....	41,840	53,295	95,135	13,032	108,167
1965.....	53,709	49,581	103,290	13,588	116,878
1966.....	69,046	43,479	112,525	18,424	130,949
1967.....	.....	.....	122,210	16,354	138,564
1968.....	.....	.....	100,249	13,866	114,115
1969.....	.....	.....	103,279	11,990	115,269

<sup>1</sup> Includes heavy white-feathered breeds such as Broad White, White Holland, Empire White, Lancaster, and crosses with light white breeds.<sup>2</sup> Estimates discontinued as of January 1967.<sup>3</sup> Includes Beltsville, Jersey Buff, Royal Palm, and wild turkeys.Statistical Reporting Service. Data for 1953-59 in *Agricultural Statistics, 1967*, table 618.

Table 606.—Turkeys: Poults hatched by commercial hatcheries by breeds, by States, 1968 and 1969<sup>1</sup>

State and division	Heavy breeds <sup>2</sup>		Light breeds <sup>3</sup>		Total all breeds	
	1968	1969	1968	1969	1968	1969
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
New England.....	230	161	26	29	256	190
New York.....	259	294	0	0	259	294
New Jersey.....	169	109	0	0	169	109
Pennsylvania.....	1,226	1,387	300	201	1,526	1,588
North Atlantic.....	1,884	1,951	326	230	2,210	2,181
Ohio.....	3,968	4,610	150	333	4,118	4,943
Indiana.....	2,180	2,089	7	0	2,187	2,089
Illinois.....	613	462	0	0	613	462
Michigan.....					3,024	2,806
Wisconsin.....					3,018	2,292
East North Central.....	12,352	11,858	608	734	12,960	12,592
Minnesota.....	13,661	14,235	7,267	6,476	20,928	20,711
Iowa.....					6,905	6,807
Missouri.....					9,268	9,911
North Dakota and South Dakota.....					606	268
Nebraska.....	746	616	0	0	746	616
Kansas.....					1,064	849
West North Central.....	31,735	32,318	7,782	6,844	39,517	39,162
Delaware, Maryland, and West Virginia.....	707	353	0	0	707	353
Virginia.....	2,464	2,714	2,427	2,127	4,891	4,841
North Carolina.....	8,637	9,979	686	617	9,323	10,596
South Carolina.....	1,046	1,864	0	0	1,046	1,864
Georgia.....					1,505	1,029
Florida.....					231	268
South Atlantic.....	14,262	15,982	3,441	2,969	17,703	18,951
Kentucky, Alabama, Mississippi, Tennessee, and Louisiana.....		0			1,036	792
Arkansas.....	3,440	3,610	197	43	3,637	3,653
Oklahoma.....	1,923	2,313	79	75	2,002	2,388
Texas.....					8,323	8,253
South Central.....	14,593	14,895	405	191	14,998	15,086
Montana, Idaho, and Arizona.....	0	0	0	0	59	0
Colorado.....	59				2,503	2,880
Utah.....	3,046	3,232	0	0	3,046	3,232
Washington.....	252	301	177	186	429	487
Oregon.....					3,069	2,832
California.....	17,097	17,591	524	275	17,621	17,866
Western.....	25,423	26,275	1,304	1,022	26,727	27,297
United States.....	100,249	103,279	13,866	11,990	114,115	115,269

<sup>1</sup> Heavy and light breeds not published in some States in order to avoid disclosing individual operations.

<sup>2</sup> Heavy breeds include Broad White, White Holland, Empire White, Lancaster, crosses between heavy and light breeds, bronze, and other heavy breeds.

<sup>3</sup> Light breeds include Beltsville, Jersey Buff, and wild turkeys.

Statistical Reporting Service.

Table 607.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1968 and 1969

State and division	1968			1969		
	Hens and pullets, average number during year	Rate of lay per layer during year	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
Maine.....	5,384	228	1,226	5,831	227	1,325
New Hampshire.....	1,668	226	376	1,559	221	345
Vermont.....	650	228	123	588	226	133
Massachusetts.....	2,284	223	509	2,363	222	524
Rhode Island.....	351	217	76	340	212	72
Connecticut.....	3,868	217	839	4,084	219	895
New York.....	10,900	221	2,409	10,487	220	2,309
New Jersey.....	4,611	202	932	4,139	206	853
Pennsylvania.....	14,248	221	3,149	14,720	225	3,316
North Atlantic.....	43,854	220	9,639	44,111	222	9,772
Ohio.....	9,753	226	2,202	9,468	226	2,137
Indiana.....	13,105	224	2,934	12,812	218	2,789
Illinois.....	8,311	223	1,856	8,232	221	1,818
Michigan.....	6,656	227	1,508	6,188	228	1,413
Wisconsin.....	5,611	224	1,259	5,109	226	1,154
East North Central.....	43,436	225	9,759	41,809	223	9,311
Minnesota.....	9,852	230	2,270	9,329	229	2,139
Iowa.....	13,356	228	3,046	12,782	222	2,843
Missouri.....	6,517	205	1,339	6,411	204	1,310
North Dakota.....	1,349	205	276	1,147	203	233
South Dakota.....	5,154	217	1,120	4,656	213	990
Nebraska.....	5,243	216	1,132	4,964	211	1,045
Kansas.....	4,063	220	892	3,963	226	897
West North Central.....	45,537	221	10,075	43,252	219	9,457
Delaware.....	605	210	127	610	211	129
Maryland.....	1,588	217	344	1,600	214	342
Virginia.....	5,058	221	1,118	5,096	221	1,125
West Virginia.....	1,543	213	329	1,482	217	321
North Carolina.....	13,840	219	3,035	15,342	222	3,405
South Carolina.....	5,286	224	1,184	5,078	226	1,149
Georgia.....	23,327	214	4,992	24,705	220	5,426
Florida.....	10,330	233	2,412	11,066	226	2,505
South Atlantic.....	61,587	220	13,541	64,979	222	14,402
Kentucky.....	3,300	211	697	3,121	210	654
Tennessee.....	5,721	205	1,172	5,464	207	1,129
Alabama.....	12,256	217	2,659	12,538	218	2,738
Mississippi.....	11,362	227	2,575	11,194	215	2,404
Arkansas.....	15,033	219	3,298	15,444	221	3,418
Louisiana.....	3,781	216	817	3,884	216	839
Oklahoma.....	2,522	208	524	2,701	209	565
Texas.....	13,838	212	2,930	12,667	209	2,651
South Central.....	67,813	216	14,672	67,013	215	14,398
Montana.....	986	215	212	1,019	217	221
Idaho.....	899	232	209	830	227	188
Wyoming.....	196	214	42	195	215	42
Colorado.....	1,493	206	308	1,490	215	320
New Mexico.....	722	220	159	858	224	192
Arizona.....	1,125	217	244	1,064	213	227
Utah.....	1,294	216	279	1,266	217	275
Nevada.....	34	176	6	23	174	4
Washington.....	4,694	227	1,065	4,422	227	1,005
Oregon.....	2,457	228	561	2,305	228	526
California.....	37,833	219	8,287	37,740	222	8,380
Western.....	51,733	220	11,372	51,212	222	11,380
48 States.....	313,960	220	69,058	312,376	220	68,720
Alaska.....	32	250	8	28	179	5
Hawaii.....	961	212	204	939	213	200
United States.....	314,953	220	69,270	313,343	220	68,925

<sup>1</sup> Number of eggs produced during the year divided by the average number of hens and pullets of laying age on hand during the year.

Statistical Reporting Service.

Table 608.—Eggs: Production in specified countries, average 1961–65, annual 1968 and 1969

Country	Average 1961–65	1968	1969 <sup>1</sup>	Country	Average 1961–65	1968	1969 <sup>1</sup>
North America:	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	West Europe—Con.	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Canada	5,166	5,436	5,655	Switzerland	534	650	695
Mexico	4,636	5,375	5,657	United Kingdom <sup>2</sup>	14,261	14,844	15,036
United States	64,080	69,324	68,700	East Europe:			
South America:				Bulgaria	1,327	1,618	1,580
Argentina	2,844	2,880	2,940	Czechoslovakia	2,589	3,270	3,410
Brazil	7,320	9,480	9,670	Germany, East	3,517	4,046	4,050
Peru	328	388	423	Hungary	2,018	2,792	2,600
Venezuela	385	617	630	Poland	6,046	6,315	6,400
West Europe:				Romania	2,502	3,113	3,200
Austria	1,379	1,510	1,513	Yugoslavia	1,674	2,260	2,450
Belgium	2,994	3,438	3,900	U.S.S.R. (Europe and Asia)	28,737	35,522	37,000
Denmark	1,845	1,514	1,584	Africa, Asia, and Oceania:			
Finland	847	952	988	South Africa, Republic of	1,131	2,010	2,028
France	9,300	10,800	11,200	Israel <sup>3</sup>	1,248	1,224	1,270
Germany, West	9,684	14,076	14,400	Japan	15,858	24,390	27,565
Greece	1,176	1,764	1,893	Turkey	1,360	1,552	1,764
Ireland	794	750	744	Australia	1,740	2,328	2,380
Italy	7,864	9,750	10,281	Total	219,091	257,701	266,237
Netherlands	5,342	3,969	4,370				
Norway	554	652	688				
Portugal	583	617	705				
Spain	5,898	6,729	7,140				
Sweden	1,530	1,746	1,728				

<sup>1</sup> Preliminary.<sup>2</sup> Years beginning June 1 of year shown.<sup>3</sup> Years ending Sept. 30 of year shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 609.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1955–69<sup>1</sup>

Year	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms	Gross income <sup>3</sup>
			Total produced	Consumed in farm household	Sold				
	<i>Thousands</i>	<i>Number</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>
1955	309,297	192	59,526	5,511	54,015	39.5	1,777,085	177,661	1,954,746
1956	310,672	197	61,113	5,189	55,924	39.3	1,833,637	169,274	2,002,911
1957	306,676	199	61,026	4,853	56,173	35.9	1,682,353	144,090	1,826,443
1958	304,441	202	61,607	4,507	57,100	38.5	1,833,106	144,946	1,978,052
1959	305,720	207	63,335	4,256	59,079	31.4	1,544,939	110,801	1,655,740
1960	295,284	209	61,602	3,784	57,818	36.1	1,737,721	110,668	1,848,389
1961	296,648	210	62,423	3,364	59,059	35.6	1,749,947	98,417	1,848,364
1962	299,834	212	63,569	3,026	60,543	33.8	1,703,283	83,612	1,786,895
1963	298,476	213	63,500	2,729	60,770	34.5	1,747,179	76,769	1,823,948
1964	301,136	217	65,215	2,439	62,776	33.8	1,769,648	66,736	1,836,384
1965	301,687	218	65,692	2,056	63,636	33.7	1,788,159	55,752	1,843,911
1966	305,142	218	66,484	1,612	64,872	39.1	2,114,398	50,685	2,165,083
1967	316,962	221	70,031	1,558	68,473	31.2	1,781,131	38,877	1,820,008
1968	314,953	220	69,270	1,393	67,877	34.0	1,920,793	38,014	1,958,807
1969 <sup>4</sup>	313,343	220	68,925	1,172	67,753	40.0	2,255,803	38,177	2,293,980

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.<sup>2</sup> Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.<sup>3</sup> Value of sales plus value of eggs consumed in households of producers.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1945–54 in *Agricultural Statistics, 1967*, table 621.

Table 610.—Eggs: Production, disposition, cash receipts, and gross income, by States, 1969 (preliminary) <sup>1</sup>

State and division	Produced	Consumed in farm household	Sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms <sup>2</sup>	Gross income
	<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>
Maine.....	1,325	4	1,321	49.8	54,822	166	54,988
New Hampshire.....	345	2	343	50.6	14,463	84	14,547
Vermont.....	133	3	130	48.0	5,200	120	5,320
Massachusetts.....	524	2	522	53.0	23,055	88	23,143
Rhode Island.....	72	( <sup>3</sup> )	72	56.6	3,396	( <sup>3</sup> )	3,396
Connecticut.....	895	2	893	57.8	43,013	96	43,109
New York.....	2,309	17	2,292	44.0	84,040	623	84,663
New Jersey.....	853	3	850	45.1	31,946	113	32,059
Pennsylvania.....	3,316	25	3,291	41.8	114,636	871	115,507
North Atlantic.....	9,772	58	9,714	46.3	374,571	2,161	376,732
Ohio.....	2,137	34	2,103	38.7	67,822	1,096	68,918
Indiana.....	2,789	24	2,765	38.5	88,710	770	89,480
Illinois.....	1,818	35	1,783	34.0	50,518	992	51,510
Michigan.....	1,413	25	1,388	37.2	43,028	775	43,803
Wisconsin.....	1,154	49	1,105	39.1	36,005	1,597	37,602
East North Central.....	9,311	167	9,144	37.5	286,083	5,230	291,313
Minnesota.....	2,139	52	2,087	31.9	55,479	1,382	56,861
Iowa.....	2,843	64	2,779	31.2	72,254	1,664	73,918
Missouri.....	1,310	60	1,250	34.1	35,521	1,705	37,226
North Dakota.....	233	18	215	29.7	5,321	446	5,767
South Dakota.....	890	28	862	29.6	23,729	691	24,420
Nebraska.....	1,045	37	1,008	28.2	23,688	870	24,558
Kansas.....	897	29	868	31.3	22,640	756	23,396
West North Central.....	9,457	288	9,169	31.2	238,632	7,514	246,146
Delaware.....	129	1	128	54.1	5,771	45	5,816
Maryland.....	342	5	337	49.0	13,761	204	13,965
Virginia.....	1,125	46	1,079	43.3	38,934	1,660	40,594
West Virginia.....	321	15	306	47.3	12,062	591	12,653
North Carolina.....	3,405	77	3,328	45.7	126,741	2,932	129,673
South Carolina.....	1,149	20	1,129	41.9	39,421	698	40,119
Georgia.....	5,426	24	5,402	47.5	213,829	950	214,779
Florida.....	2,505	8	2,497	35.8	74,494	239	74,733
South Atlantic.....	14,402	196	14,206	44.3	525,013	7,319	532,332
Kentucky.....	654	61	593	38.2	18,877	1,942	20,819
Tennessee.....	1,129	53	1,076	42.4	38,019	1,873	39,892
Alabama.....	2,738	41	2,697	44.6	100,239	1,524	101,763
Mississippi.....	2,404	51	2,353	44.0	86,277	1,870	88,147
Arkansas.....	3,418	40	3,378	38.3	107,815	1,277	109,092
Louisiana.....	839	26	813	41.6	28,184	901	29,085
Oklahoma.....	565	36	529	38.7	17,060	1,161	18,221
Texas.....	2,651	70	2,581	45.0	96,788	2,625	99,413
South Central.....	14,398	378	14,020	42.2	493,259	13,173	506,432
Montana.....	221	15	206	44.2	7,588	552	8,140
Idaho.....	188	8	180	42.0	6,300	280	6,580
Wyoming.....	42	5	37	43.7	1,347	182	1,529
Colorado.....	320	14	306	36.6	9,333	427	9,760
New Mexico.....	192	5	187	43.3	6,748	180	6,928
Arizona.....	227	1	226	34.1	6,422	28	6,450
Utah.....	275	4	271	36.7	8,288	122	8,410
Nevada.....	4	1	3	35.0	88	29	117
Washington.....	1,005	9	996	34.4	28,552	258	28,810
Oregon.....	526	9	517	41.1	17,707	308	18,015
California.....	8,380	13	8,367	34.1	237,763	369	238,132
Western.....	11,380	84	11,296	35.1	330,136	2,735	332,871
48 States.....	68,720	1,171	67,549	39.9	2,247,694	38,132	2,285,826
Alaska.....	5	1	4.9	77.2	315	6	323
Hawaii.....	200	1	199	47.0	7,794	39	7,833
United States.....	68,925	1,172	67,753	40.0	2,255,803	38,177	2,293,980

<sup>1</sup> Data cover both farm and commercial operations.<sup>2</sup> Valued at same price as eggs sold.<sup>3</sup> Less than one-half million eggs.

Statistical Reporting Service.



**Table 611.—Eggs: Supply, distribution, and per capita consumption, United States, 1960-69<sup>1</sup>**

Year	Total egg production <sup>2</sup>	Storage at beginning of the year <sup>3,4</sup>	Imports <sup>4</sup>	Exports and shipments to Territories <sup>3,4</sup>	Eggs used for hatching <sup>5</sup>	Storage at end of the year <sup>2,4</sup>	Consumption		
							Military <sup>4</sup>	Civilian	
								Total <sup>4</sup>	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1960.....	5,339	65	3	48	282	51	63	4,963	334
1961.....	5,358	51	3	45	302	48	64	4,953	328
1962.....	5,403	48	2	37	303	50	70	4,993	326
1963.....	5,345	50	1	48	304	44	67	4,933	317
1964.....	5,435	44	2	30	312	46	76	5,017	318
1965.....	5,474	46	1	39	333	41	94	5,014	314
1966.....	5,540	41	15	43	365	28	102	5,058	313
1967.....	5,836	28	4	55	361	71	110	5,271	323
1968.....	5,773	71	6	46	364	56	108	5,276	320
1969 <sup>6</sup> .....	5,744	56	9	41	394	34	83	5,257	316

<sup>1</sup> Includes Alaska and Hawaii.

<sup>2</sup> Includes an allowance for nonfarm (backyard) production through 1963.

<sup>3</sup> Commercial and USDA.

<sup>4</sup> Shell equivalent of eggs and egg products.

<sup>5</sup> Estimated from number of chickens raised or hatched.

<sup>6</sup> Preliminary.

Economic Research Service. Data for 1909-59 in *Agricultural Statistics, 1967*, table 624.

**Table 612.—Eggs, shell: Average wholesale price per dozen, New York City and Chicago, 1960-69**

Year	Loose, large white		Year	Loose, large white		Year	Loose, large white	
	New York City	Chicago <sup>1</sup>		New York City	Chicago <sup>1</sup>		New York City	Chicago <sup>1</sup>
	Cents	Cents		Cents	Cents		Cents	Cents
1960.....	39.56	44.47	1964.....	34.94	37.49	1968.....	37.25	37.97
1961.....	37.83	42.75	1965.....	34.70	37.38	1969.....	46.64	45.96
1962.....	35.47	40.09	1966.....	42.08	44.37			
1963.....	36.48	39.10	1967.....	31.80	32.76			

<sup>1</sup> Weighted average prices.

Consumer and Marketing Service.

**Table 613.—Eggs, dried: Production in United States, 1955–69**

Year	Whole	Al-bumen	Yolk	Other	Total	Year	Whole	Al-bumen	Yolk	Other <sup>1</sup>	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>	<i>1,000 pounds</i>
1955	3,248	10,622	9,270	.....	23,140	1963	14,170	8,651	12,672	9,217	44,710
1956	4,908	8,797	8,359	.....	22,064	1964	19,650	10,864	10,677	10,836	52,027
1957	9,980	9,578	9,069	.....	28,627	1965	9,795	13,595	13,412	13,275	50,077
1958	8,395	8,964	7,952	.....	25,311	1966	8,104	13,671	12,909	16,800	51,484
1959	31,754	11,046	11,852	.....	54,652	1967	13,140	19,186	19,126	19,277	70,729
1960	27,579	8,021	10,489	.....	46,089	1968	13,785	13,109	12,861	25,573	65,328
1961	32,656	9,730	12,094	.....	54,480	1969	7,467	10,083	11,513	32,012	61,075
1962	26,722	10,031	13,985	.....	50,738						

<sup>1</sup> Prior to 1963, data not available.

Statistical Reporting Service. Data for 1945-54 in *Agricultural Statistics, 1967*, table 627

**Table 614.—Eggs, liquid: Production and disposition, United States, 1960–69**

Year	Pro-duction	Disposition (in terms of liquid eggs)						
		For im-mediate con-sumption	Frozen				Dried	Frozen eggs later dried <sup>1</sup>
			Whole	Albumen	Yolk	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>
1960	582,466	44,025	172,069	103,819	86,478	362,366	176,075	8,123
1961	637,270	50,276	184,157	95,084	91,677	370,918	216,076	2,989
1962	634,764	55,473	184,768	103,605	93,310	381,683	197,608	4,885
1963	587,018	57,849	175,753	91,371	95,667	362,791	166,378	6,710
1964	658,961	68,105	188,141	90,719	102,746	381,606	209,250	2,924
1965	628,792	44,384	191,196	80,400	96,713	368,309	216,099	.....
1966	621,392	40,310	187,934	72,397	96,109	356,440	224,642	.....
1967	801,691	59,493	247,489	78,094	109,281	434,864	307,334	.....
1968	676,751	62,966	203,757	67,263	89,586	360,606	253,179	.....
1969	640,382	82,145	191,358	62,583	80,455	334,396	223,841	.....

  

Year	Production by classes of product						
	Whole	Mixed emulsions	Egg white	Plain yolk	Sugared yolk <sup>2</sup>	Salted yolk <sup>2</sup>	Other yolk <sup>3</sup>
	<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>
1960	226,944	63,227	175,252	49,138	29,712	36,218	1,975
1961	254,583	69,300	184,610	49,504	33,549	42,065	3,659
1962	234,411	68,260	195,518	52,292	32,977	46,480	4,826
1963	167,746	97,883	185,122	49,934	31,466	46,397	8,470
1964	199,858	111,470	210,570	43,645	36,634	49,283	7,501
1965	174,659	116,168	199,764	49,814	37,550	46,483	4,354
1966	169,270	128,984	184,762	48,753	.....	.....	89,623
1967	239,735	161,486	235,965	67,791	.....	.....	96,714
1968	223,419	143,310	178,623	54,072	.....	.....	77,327
1969	194,381	158,890	161,739	50,129	.....	.....	75,243

<sup>1</sup> Included in preceding columns showing frozen in terms of liquid; beginning 1965, not available.

<sup>2</sup> Beginning 1966, not available; included in "Other yolk."

<sup>3</sup> Yolk emulsions through 1964.

Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 626.

## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience, the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

- Farm property, table 616
- Population and employment, table 636
- Farm production and distribution, table 642
- Prices and income, table 663
- Costs and expenses, table 679

A table showing the percentage of U. S. farm families by eight size groupings of total money income has been added to this chapter.

The tables on costs and returns on commercial farms by type and location have been dropped as the 1968 edition carried the latest available data.

**Table 615.—Economic trends: Data relating to agriculture, United States, 1954–69**

Year	Prices paid by farmers		Prices received by farmers	Parity ratio <sup>1</sup>	Farm income			
	Total including interest, taxes, and wage rates	Commodities only			Realized gross farm income (including Government payments)	Production expenses	Realized net income of farm operators	Total net income of farm operators
	<i>Index numbers 1957-59 = 100</i>	<i>Index numbers 1957-59 = 100</i>	<i>Index numbers 1957-59 = 100</i>	<i>Percent</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1954	95	96	102	89	33,589	21,577	12,012	12,503
1955	94	95	96	84	33,138	21,889	11,249	11,464
1956	95	96	95	83	34,274	22,374	11,900	11,444
1957	98	98	97	82	34,001	23,294	10,707	11,325
1958	100	101	104	85	37,911	25,236	12,675	13,500
1959	102	101	99	81	37,468	26,106	11,362	11,454
1960	102	101	99	80	38,088	26,352	11,736	12,079
1961	103	101	99	79	39,771	27,125	12,646	12,987
1962	107	103	101	80	41,258	28,639	12,619	13,215
1963	107	104	100	78	42,271	29,688	12,583	13,206
1964	107	104	98	76	42,567	29,481	13,086	12,266
1965	110	106	103	77	44,926	30,933	13,993	14,987
1966	114	109	110	80	49,597	33,404	16,193	16,086
1967	117	111	105	74	49,061	34,820	14,241	14,644
1968	121	114	108	73	51,132	36,346	14,786	14,675
1969	127	119	114	74	54,616	38,571	16,045	16,245

See footnotes at end of table.

Table 615.—Economic trends: Data relating to agriculture, United States, 1954-69—Continued

Year	Farm real estate value <sup>2</sup>	Farm mortgage debt	Volume of agricultural exports	Volume of agricultural imports	National income <sup>3</sup>	Disposable personal income	Industrial production <sup>4</sup>	Consumer prices <sup>5</sup>	Wholesale prices <sup>5</sup>
	Index numbers 1957-59 = 100	Million dollars	Index numbers 1957-59 = 100	Index numbers 1957-59 = 100	Billion dollars	Billion dollars	Index numbers 1957-59 = 100	Index numbers 1957-59 = 100	Index numbers 1957-59 = 100
1954.....	82	7,740	65	88	303.1	257.4	85.8	93.6	92.9
1955.....	85	8,245	73	93	331.0	275.3	96.6	93.3	93.2
1956.....	89	9,012	99	96	350.8	293.2	99.9	94.7	96.2
1957.....	95	9,822	107	94	366.1	308.5	100.0	98.0	99.0
1958.....	99	10,382	93	98	367.8	318.8	93.7	100.7	100.4
1959.....	106	11,091	100	108	400.0	337.3	105.6	101.5	100.6
1960.....	111	12,082	123	101	414.5	350.0	108.7	103.1	100.7
1961.....	112	12,820	123	105	427.3	364.4	109.7	104.2	100.3
1962.....	118	13,899	125	109	457.7	385.3	118.3	105.4	100.6
1963.....	123	15,168	124	114	481.9	404.6	124.3	106.7	100.3
1964.....	131	16,804	147	110	518.1	438.1	132.3	108.1	100.5
1965.....	139	18,894	145	103	564.3	473.2	143.4	109.9	102.5
1966.....	150	21,187	157	117	620.6	511.9	156.3	113.1	105.9
1967.....	160	23,301	153	114	654.0	546.5	158.1	116.3	106.1
1968.....	170	24,486	149	119	714.4	590.0	165.5	121.2	108.7
1969.....	179	27,139	135	121	771.1	629.7	172.8	127.7	113.0

<sup>1</sup> Ratio of index of prices received to index of prices paid, interest, taxes, and wage rates on basis of 1910-14 = 100.

<sup>2</sup> Farmland and buildings, as of Mar. 1.

<sup>3</sup> U.S. Department of Commerce.

<sup>4</sup> Federal Reserve Board.

<sup>5</sup> U.S. Department of Labor.

Economic Research Service. Data for 1910-53 in *Agricultural Statistics, 1967*, table 628.

Table 616.—Farms: Number, acreage, cropland harvested, and value, United States, census years 1850-1964<sup>1</sup>

Year	Farms	Land in farms	Farmland as percentage of total land area	Cropland harvested, preceding year <sup>2</sup>	Value of farmland and buildings <sup>3</sup>
	Number	1,000 acres	Percent	1,000 acres	Million dollars
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	453,889
1950.....	5,382,162	1,158,566	60.9	344,399	97,261
1954.....	4,782,416	1,158,192	60.8	332,870	97,583
1959.....	3,703,894	1,120,158	58.9	311,285	128,988
1964.....	3,152,611	1,105,874	58.2	286,708	159,432

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Acreages are for preceding year except for 1954, 1959, and 1964. Prior to 1925, this column shows the total acreage of crops for which figures are available, except for 1920, 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 1925, the figures represent the total cropland harvested.

<sup>3</sup> Estimates for 1950, 1954, 1959, and 1964 are based on a sample of farms.

<sup>4</sup> Estimate derived from the index of farm real estate values applied to 1940 and 1950 Census values. The 1945 Census reported a total value of land and buildings of \$46,389 million.

Economic Research Service. Compiled from reports of the Census of Agriculture, U.S. Department of Commerce.

Table 617.—Farms: Classification by tenure of operator, United States, 1880-1964

Year	Farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
		Percent	Percent	Percent	Percent	Percent
	<i>Number</i>					
1880	4,008,907					25.6
1890	4,564,641					28.4
1900	5,737,372	55.8	7.9	1.0		35.3
1910	6,361,502	52.7	9.3	.9		37.0
1920	6,448,343	52.2	8.7	1.1		38.1
1925	6,371,640	52.0	8.7	.6		38.6
1930 <sup>1</sup>	6,295,103	46.3	10.4	.9		42.4
1935	6,812,350	47.1	10.1	.7		42.1
1940 <sup>1</sup>	6,102,417	50.6	10.1	.6		38.8
1945	5,859,169	56.3	11.3	.7		31.7
1950 <sup>1</sup>	5,388,437	57.4	15.3	.4		26.9
1954	4,782,416	57.4	18.2	.4		24.0
1959 <sup>1</sup>	3,710,503	57.1	22.5	.6		19.8
1964 <sup>1</sup>	3,157,857	57.6	24.8	.6		17.1

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 618.—Land in farms: Classification by tenure of operator, United States, 1880-1964

Year	Land in farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
		Percent	Percent	Percent	Percent	Percent
	<i>Acres</i>					
1880	536,081,835					
1890	623,218,619					
1900	838,591,774	51.4	14.9	10.4		23.3
1910	878,798,325	52.9	15.2	6.1		25.8
1920	955,883,715	48.3	18.4	5.7		27.7
1925	924,319,352	45.4	21.3	4.7		28.7
1930 <sup>1</sup>	990,111,984	37.6	24.9	6.4		31.0
1935	1,054,515,111	37.1	25.2	5.8		31.9
1940 <sup>1</sup>	1,065,113,774	35.9	28.2	6.5		29.4
1945	1,141,615,364	36.1	32.5	9.3		22.0
1950 <sup>1</sup>	1,161,419,720	36.1	36.4	9.2		18.3
1954	1,158,191,511	34.2	40.7	8.6		16.4
1959 <sup>1</sup>	1,123,507,574	30.8	44.8	9.8		14.5
1964 <sup>1</sup>	1,110,187,000	28.7	48.0	10.2		13.1

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

FOOTNOTES FOR TABLE 620

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.

<sup>2</sup> Open or nonforested permanent pasture in farms.

<sup>3</sup> Land used chiefly for grazing. Includes open or nonforested grazing land, forest and arid woodland grazed, and shrub and brush grazing land.

<sup>4</sup> Excludes part of the forested areas in parks, wildlife refuges, military areas, recreation sites, and arid woodland, brushland, and forest land used for grazing.

<sup>5</sup> Includes urban, industrial, and nonfarm residential areas; parks and wildlife refuges; military lands; and roads, railroads, ungrazed desert, rock, swamp, and miscellaneous other areas.

<sup>6</sup> Remeasurement and increases in reservoirs account for changes in total land area.

Economic Research Service. Data from records and reports of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 619.—Land utilization: Census years, United States, 1910-64

Major land uses	48 conterminous States											50 States		
	1910	1920	1925	1930	1935	1940	1945	1950	1954	1959	1964	1950	1959	1964
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres
Land in farms: <sup>1</sup>														
Cropland:														
Cropland used for crops <sup>2</sup> .....	324	374	365	379	375	363	379	387	380	358	335	387	359	335
Cropland idle or in cover crops.....	23	28	26	34	41	36	24	22	19	33	52	22	33	52
Cropland used only for pasture <sup>3</sup> .....							61	69	66	66	57	57	69	57
Grassland pasture <sup>4</sup> .....	284	328	331	379	410	461	468	416	460	464	487	417	466	490
Forest and woodland:														
Pastured.....	98	77	77	85	108	100	95	135	121	92	82	135	93	82
Nor pastured.....	93	91	67	65	77	57	71	85	76	70	64	86	70	64
Total forest and woodland.....	191	168	144	150	185	157	166	220	197	162	146	221	163	146
Farmsteads, roads, and other land.....	57	58	58	45	44	44	44	45	36	37	29	46	37	30
Total land in farms.....	879	956	924	987	1,055	1,061	1,142	1,159	1,158	1,120	1,106	1,162	1,124	1,110
Land not in farms:														
Grazing land <sup>5</sup> .....	739	661	646	578	533	504	428	400	353	317	292	402	319	293
Forest land not used for grazing <sup>6</sup> .....	162	160	203	208	184	203	186	201	238	305	324	368	438	443
Other land outside farms (cities, roads, railroads, unused wastelands, etc.) <sup>7</sup> .....	123	126	130	130	131	137	149	144	155	160	178	341	380	420
Total land not in farms.....	1,024	947	979	916	848	844	763	745	746	782	794	1,111	1,147	1,156
Grand total <sup>8</sup> .....	1,903	1,903	1,903	1,903	1,903	1,905	1,905	1,904	1,904	1,902	1,900	2,273	2,271	2,266

<sup>1</sup> Acreage classified as to use in preceding year except in 1954, 1959, and 1964.

<sup>2</sup> Cropland harvested, crop failure, and cultivated summer fallow.

<sup>3</sup> Before 1945, acreage included in grassland pasture.

<sup>4</sup> Open or nonforested permanent pasture in farms 1945-64. Before 1945, also includes cropland used only for pasture.

<sup>5</sup> Land used chiefly for grazing. Includes open or nonforested grazing land, forest and arid woodland grazed, and shrub and brush grazing land.

<sup>6</sup> Excludes part of the forested areas in parks, wildlife refuges, military areas, re-

creation sites, and arid woodland, brushland, and forest land used for grazing.

<sup>7</sup> Includes urban, industrial, and nonfarm residential areas; parks and wildlife refuges; military lands; and roads, railroads, ungrazed desert, rock, swamp, and miscellaneous other areas.

<sup>8</sup> Remeasurement and increases in reservoirs account for changes in total land area.

Economic Research Service. Data from reports of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 620.—Land utilization: Land in farms and land not in farms, by States, 1964

State and region	Use of land in farms							Use of land not in farms			Approximate total land area <sup>6</sup>	
	Cropland			Open permanent pasture <sup>2</sup>	Forest and woodland		Other land	Total land in farms	Pasture and range <sup>3</sup>	Woodland and forest <sup>4</sup> not grazed		Other land <sup>5</sup>
	Used for crops <sup>1</sup>	Soil improvement crops or idle	Used only for pasture		Pastured	Not pastured						
	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	
Maine	603	236	143	98	129	1,329	32	2,590	215	15,756	1,236	19,797
New Hampshire	172	22	62	47	110	468	22	903	35	4,320	523	5,781
Vermont	666	34	183	406	407	759	89	2,524	45	3,069	297	5,935
Massachusetts	240	49	80	73	86	319	55	902	104	2,823	1,184	5,013
Rhode Island	30	4	12	7	5	38	8	104	2	385	180	671
Connecticut	210	33	56	98	67	211	46	721	100	1,695	601	3,117
New York	4,883	752	991	2,302	816	1,911	620	12,275	1,809	8,682	7,870	30,636
New Jersey	587	183	88	84	19	171	24	1,156	64	1,972	1,628	4,820
Pennsylvania	4,717	911	686	1,519	573	1,995	403	10,804	719	14,037	3,256	28,816
Delaware	441	60	32	12	9	152	11	717	12	224	315	1,268
Maryland	1,467	294	226	341	111	701	41	3,181	259	2,047	843	6,330
Dist. of Columbia											39	39
Northeast	14,016	2,598	2,559	4,987	2,332	8,054	1,331	35,877	3,364	55,010	17,972	112,223
Michigan	6,946	1,774	1,147	577	908	1,571	676	13,599	1,671	16,674	4,420	36,364
Wisconsin	9,370	1,232	1,765	1,845	2,802	2,332	1,032	20,378	1,475	10,171	2,833	34,857
Minnesota	17,985	3,444	1,307	2,118	2,410	1,454	2,087	30,805	1,616	14,278	4,046	50,745
Lakes States	34,301	6,450	4,219	4,540	6,120	5,357	3,795	64,782	4,762	41,123	11,299	121,966
Ohio	9,482	1,389	1,164	2,177	930	1,486	1,041	17,619	1,997	2,289	4,344	26,249
Indiana	10,537	1,883	1,335	1,102	1,018	1,337	721	17,933	1,479	1,310	2,439	23,161
Illinois	20,357	2,139	1,669	1,746	1,501	1,195	1,351	29,958	1,946	813	3,044	35,761
Iowa	20,241	3,750	2,632	3,248	1,551	429	1,907	33,758		315	1,795	35,868
Missouri	11,386	2,358	4,428	5,835	5,214	2,121	1,350	32,692	2,770	6,983	1,745	44,190
Corn Belt	72,003	11,519	11,228	14,108	10,214	6,518	6,370	131,960	8,192	11,710	13,367	165,229
North Dakota	25,077	1,989	818	12,988	237	151	1,427	42,717		48	1,574	44,339
South Dakota	16,520	1,511	934	25,432	207	64	899	45,567	524	701	1,820	48,612
Nebraska	18,880	2,364	1,031	23,731	357	139	1,291	47,793	160	192	829	48,974
Kansas	25,759	2,584	1,346	18,524	470	303	1,285	50,271	345	346	1,554	52,516
Northern Plains	86,236	8,448	4,159	80,675	1,271	657	4,902	186,348	1,029	1,287	5,777	194,441
Virginia	2,662	553	865	5,568	1,143	3,892	319	12,002	861	10,806	1,879	25,498
West Virginia	754	124	360	1,605	910	1,375	151	5,279	930	8,309	896	15,414
North Carolina	4,262	1,291	601	1,165	951	5,898	214	14,382	917	12,876	3,108	31,283
Kentucky	3,581	1,274	4,572	1,824	1,433	2,814	757	16,265	839	6,926	1,475	25,505
Tennessee	3,725	1,190	3,059	1,808	1,738	3,121	625	15,266	442	8,648	2,119	26,475
Appalachian	14,994	4,432	9,457	8,970	6,175	17,100	2,066	63,194	3,989	47,565	9,427	124,175
South Carolina	2,353	761	592	480	803	3,008	104	8,101	2,374	6,103	2,801	19,379
Georgia	4,113	1,251	1,017	1,802	2,598	6,649	457	17,887	1,425	15,380	2,564	37,246
Florida	2,260	581	741	4,306	4,976	1,540	1,007	15,411	5,236	10,298	3,702	34,647
Alabama	3,119	849	1,243	2,555	2,897	4,226	337	15,226	1,885	13,015	2,419	32,545
Southeast	11,845	3,442	3,593	9,143	11,274	15,423	1,905	56,625	10,920	44,796	11,476	123,817
Mississippi	4,517	844	1,294	3,717	3,843	2,952	585	17,752	2,915	8,268	1,376	30,309
Arkansas	6,248	483	1,840	2,373	2,922	2,045	654	16,565	9,605	6,065	1,164	33,392
Louisiana	2,726	547	1,739	2,004	1,719	1,247	429	10,411	7,763	6,628	4,097	28,899
Delta States	13,491	1,874	4,873	8,094	8,484	6,244	1,668	44,728	20,283	20,952	6,637	92,600
Oklahoma	9,872	1,717	1,951	18,449	3,413	367	308	36,077	3,680	1,719	2,674	44,150
Texas	24,254	4,666	6,986	94,581	10,042	749	428	141,706	14,594	3,855	8,146	168,301
Southern Plains	34,126	6,383	8,937	113,030	13,455	1,116	736	177,783	18,274	5,574	10,820	212,451
Montana	13,797	833	1,031	47,377	1,870	255	671	65,834	10,802	9,489	7,061	93,186
Idaho	4,920	366	696	7,434	1,138	255	493	15,302	21,376	9,957	6,278	52,913
Wyoming	2,077	192	567	32,937	581	249	450	37,053	15,698	2,723	6,786	62,260
Colorado	8,677	1,544	1,120	25,063	1,436	139	280	38,259	15,142	8,588	4,439	66,428
New Mexico	1,292	877	385	41,189	3,232	224	448	47,647	22,533	1,634	5,911	77,725
Arizona	1,238	289	142	31,935	5,292	20	1,643	40,559	19,072	4,648	8,401	72,680
Utah	1,358	488	442	9,661	762	63	93	12,867	28,120	1,356	10,381	52,724
Nevada	527	118	191	9,441	38	13	155	10,483	47,597	2,651	9,398	70,329
Mountain	33,886	4,707	4,574	205,087	14,349	1,218	4,233	268,004	180,340	41,046	58,855	548,245
Washington	6,839	562	784	6,741	3,052	699	376	19,053	3,153	15,398	5,060	42,664
Oregon	4,103	395	927	11,577	2,632	562	313	20,509	20,877	16,749	3,439	61,574
California	8,983	805	2,053	20,450	2,804	599	1,317	37,011	15,589	23,241	24,340	100,184
Pacific	19,925	1,762	3,764	38,768	8,488	1,860	2,006	76,573	39,619	55,391	32,829	204,422
48 States	334,823	51,615	57,363	487,352	82,162	63,547	29,012	1,105,874	200,772	324,454	178,469	1,899,569
Alaska	17	3	4	1,752	17	31	135	1,959	1,370	117,758	241,430	362,517
Hawaii	305	14	52	1,203	31	186	563	2,354	300	1,279	294	4,187
United States	335,145	51,632	57,419	490,307	82,210	63,764	29,710	1,110,187	202,442	443,491	420,153	2,266,273

See footnotes on page 427.

Table 621.—Land in farms: <sup>1</sup> Irrigated land, by States, 1939-64

State and region	1939	1944	1949	1954	1959	1964
	<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>
Maine.....	( <sup>2</sup> )	( <sup>2</sup> )	2	1	2	4
New Hampshire.....	( <sup>2</sup> )	( <sup>2</sup> )	1	1	1	3
Vermont.....	0	( <sup>2</sup> )	( <sup>2</sup> )	1	2	1
Massachusetts.....	2	11	19	23	20	24
Rhode Island.....	( <sup>2</sup> )	( <sup>2</sup> )	2	1	( <sup>2</sup> )	1
Connecticut.....	1	( <sup>2</sup> )	8	12	5	14
New York.....	6	10	19	59	58	79
New Jersey.....	8	12	28	59	74	96
Pennsylvania.....	3	9	7	18	17	23
Delaware.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6	6	18
Maryland.....	( <sup>2</sup> )	( <sup>2</sup> )	1	8	11	16
Northeast.....	20	43	87	188	206	280
Michigan.....	3	3	14	23	40	49
Wisconsin.....	2	5	10	18	32	62
Minnesota.....	3	( <sup>2</sup> )	4	9	15	18
Lake States.....	8	8	28	51	87	129
Ohio.....	5	4	6	15	12	17
Indiana.....	1	1	5	12	17	17
Illinois.....	( <sup>2</sup> )	( <sup>2</sup> )	2	7	10	14
Iowa.....	2	1	1	2	18	22
Missouri.....	1	1	2	33	30	59
Corn Belt.....	9	8	16	69	87	130
North Dakota.....	20	23	35	38	48	51
South Dakota.....	54	53	78	90	116	130
Nebraska.....	474	632	876	1,171	2,078	2,169
Kansas.....	83	96	139	332	762	1,004
Northern Plains.....	631	804	1,128	1,631	3,003	3,354
Virginia.....	1	1	3	22	31	51
West Virginia.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	1	2
North Carolina.....	( <sup>2</sup> )	( <sup>2</sup> )	2	25	66	97
Kentucky.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	13	9	14
Tennessee.....	( <sup>2</sup> )	( <sup>2</sup> )	1	23	11	11
Appalachian.....	2	2	6	85	118	175
South Carolina.....	( <sup>2</sup> )	( <sup>2</sup> )	6	22	25	19
Georgia.....	( <sup>2</sup> )	( <sup>2</sup> )	3	24	34	64
Florida.....	126	222	365	428	414	1,217
Alabama.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	17	17	12
Southeast.....	127	223	375	490	490	1,312
Mississippi.....	( <sup>2</sup> )	( <sup>2</sup> )	5	132	100	123
Arkansas.....	159	289	422	858	712	974
Louisiana.....	414	536	577	708	485	581
Delta States.....	573	824	1,004	1,698	1,296	1,678
Oklahoma.....	4	2	34	108	198	302
Texas.....	895	1,320	3,132	4,707	5,656	6,385
Southern Plains.....	899	1,322	3,166	4,815	5,854	6,687
Montana.....	1,588	1,555	1,717	1,891	1,875	1,893
Idaho.....	1,895	2,026	2,137	2,325	2,577	2,802
Wyoming.....	1,284	1,354	1,432	1,263	1,470	1,571
Colorado.....	2,468	2,699	2,872	2,263	2,685	2,690
New Mexico.....	436	535	655	650	732	813
Arizona.....	575	736	964	1,177	1,152	1,125
Utah.....	911	1,124	1,138	1,073	1,062	1,092
Nevada.....	756	674	727	567	543	824
Mountain.....	9,913	10,703	11,642	11,208	12,095	12,811
Washington.....	494	520	589	778	1,007	1,150
Oregon.....	1,030	1,129	1,307	1,490	1,384	1,608
California.....	4,277	4,952	6,438	7,048	7,396	7,599
Pacific.....	5,800	6,601	8,334	9,317	9,787	10,356
Hawaii.....	( <sup>3</sup> )	( <sup>3</sup> )	117	( <sup>3</sup> )	141	144
United States <sup>4</sup> .....	17,983	20,539	25,905	<sup>5</sup> 29,552	33,164	37,056

See footnotes on page 431.



**Table 622.—Farm real estate: Value of farmland and buildings, by farm production regions, 1961-1970<sup>1</sup>**

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1961.....	7,392	10,329	30,546	14,060	9,845	8,113
1962.....	7,575	10,690	31,590	14,816	10,450	8,614
1963.....	7,742	10,785	32,679	15,493	10,875	8,929
1964.....	8,048	11,142	34,528	16,343	11,446	9,648
1965.....	8,465	11,433	36,413	17,189	12,105	10,347
1966.....	8,763	12,019	40,410	18,557	12,696	10,842
1967.....	9,163	12,953	43,876	19,892	13,435	11,351
1968.....	9,582	13,681	46,066	21,317	14,168	11,973
1969.....	10,138	14,688	47,940	22,227	14,878	12,948
1970.....	11,075	15,381	48,487	22,235	15,365	13,768

  

Year	Delta States	Southern Plains	Mountain	Pacific	48 States
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1961.....	5,736	15,784	11,386	18,562	131,752
1962.....	6,218	16,732	12,070	19,203	137,956
1963.....	6,693	18,190	12,602	19,847	143,834
1964.....	7,488	19,089	13,206	21,183	152,121
1965.....	8,234	20,461	13,737	22,560	160,942
1966.....	9,304	21,397	14,578	23,965	172,532
1967.....	10,014	22,410	15,193	24,169	182,456
1968.....	10,951	24,088	15,806	25,442	193,703
1969.....	11,873	25,415	16,164	26,368	202,637
1970.....	12,709	26,691	16,638	26,598	208,946

<sup>1</sup> As of Mar. 1. Values derived by multiplying the unrounded dollar values per acre by acres of land in farms. Acreages for 1959 and 1964 are from the Census of Agriculture. Acreages for years between censuses were obtained by straight-line interpolations. Acreages for 1965 and later years are projections based on the change in annual USDA estimates of land in farms.

Economic Research Service. Data for 1939-60 in *Agricultural Statistics, 1967*, table 635.

## FOOTNOTES FOR TABLE 621

<sup>1</sup> Data may not add to regional and U.S. totals because of rounding.

<sup>2</sup> Less than 500 acres.

<sup>3</sup> Not available.

<sup>4</sup> Excludes Alaska. Irrigated acreage in Alaska in 1959 was estimated at only 358 acres by Alaska Agricultural Experiment Station.

<sup>5</sup> Excludes Hawaii in 1954.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 623.—Farm real estate: Index numbers of average value per acre, by States and farm production regions, 1966-70<sup>1</sup>

[1957-59=100]

State and region	1966	1967	1968	1969	1970	State and region	1966	1967	1968	1969	1970
Maine.....	132	141	153	166	173	South Carolina.....	155	166	181	204	204
New Hampshire.....	156	164	179	195	207	Georgia.....	185	207	225	262	289
Vermont.....	161	174	190	209	231	Florida.....	162	160	168	174	193
Massachusetts.....	151	160	170	182	200	Alabama.....	170	189	201	219	232
Rhode Island.....	158	172	186	201	214	Southeast.....	168	179	192	211	228
Connecticut.....	143	157	170	181	189	Mississippi.....	170	182	202	222	236
New York.....	134	145	155	168	181	Arkansas.....	202	212	232	254	271
New Jersey.....	148	154	169	186	209	Louisiana.....	176	195	208	220	237
Pennsylvania.....	150	160	171	188	214	Delta States.....	183	196	214	232	248
Delaware.....	168	182	192	202	218	Oklahoma.....	169	181	199	207	221
Maryland.....	172	187	201	218	243	Texas.....	165	172	184	195	204
Northeast.....	148	159	170	186	206	Southern Plains.....	166	174	188	198	208
Michigan.....	135	147	157	170	175	Montana.....	154	161	171	177	186
Wisconsin.....	125	138	146	160	174	Idaho.....	132	140	148	152	159
Minnesota.....	128	137	147	158	165	Wyoming.....	148	156	164	171	180
Lake States.....	129	140	149	162	170	Colorado.....	146	152	158	163	165
Ohio.....	134	144	153	159	168	New Mexico.....	159	166	169	171	177
Indiana.....	144	156	165	166	162	Arizona.....	135	138	141	140	140
Illinois.....	139	149	156	163	161	Utah.....	135	139	142	145	150
Iowa.....	131	147	155	163	168	Nevada.....	141	146	149	152	155
Missouri.....	154	172	186	203	211	Mountain.....	144	150	156	160	166
Corn Belt.....	139	152	160	168	170	Washington.....	130	139	150	160	165
North Dakota.....	148	158	169	183	187	Oregon.....	137	143	150	160	168
South Dakota.....	147	157	166	170	169	California.....	171	171	180	186	186
Nebraska.....	145	157	169	177	180	Pacific.....	161	163	172	179	181
Kansas.....	141	151	162	168	164	48 States.....	150	160	170	179	186
Northern Plains.....	144	155	166	173	173	Virginia.....	148	159	167	174	192
Virginia.....	148	159	167	174	192	West Virginia.....	135	139	150	163	171
West Virginia.....	135	139	150	163	171	North Carolina.....	148	158	169	180	177
North Carolina.....	148	158	169	180	177	Kentucky.....	153	165	175	180	189
Kentucky.....	153	165	175	180	189	Tennessee.....	162	173	185	199	210
Tennessee.....	162	173	185	199	210	Appalachian.....	152	162	173	182	190

<sup>1</sup> All farmlands with improvements as of Mar. 1.

Economic Research Service.

Table 624.—Farm real estate: Index numbers of average value per acre, United States, 1954-70<sup>1</sup>

[1957-59=100]

Date	Index	Date	Index	Date	Index
1954:		1960:		1966:	
March.....	82	March.....	111	March.....	150
July.....	83	July.....	111	Nov.....	156
Nov.....	84	Nov.....	111	1967:	
1955:		1961:		March.....	160
March.....	85	March.....	112	Nov.....	166
July.....	87	July.....	114	1968:	
Nov.....	88	Nov.....	115	March.....	170
1956:		1962:		Nov.....	176
March.....	89	March.....	118	1969:	
July.....	90	July.....	120	March.....	179
Nov.....	92	Nov.....	121	Nov.....	183
1957:		1963:		1970:	
March.....	95	March.....	123	March.....	186
July.....	96	July.....	127		
Nov.....	97	Nov.....	128		
1958:		1964:			
March.....	99	March.....	131		
July.....	101	July.....	135		
Nov.....	103	Nov.....	136		
1959:		1965: <sup>2</sup>			
March.....	106	March.....	139		
July.....	108	Nov.....	144		
Nov.....	109				

<sup>1</sup> Land and buildings. Excludes Alaska and Hawaii.

<sup>2</sup> Beginning 1965, data were not collected in July.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 637.

Table 625.—Farm ownership transfers: Estimated number by various methods, per 1,000 of all farms, United States, years ending Mar. 15, 1954-70<sup>1</sup>

[Number per thousand]

Year	Voluntary sales	Foreclosures <sup>2</sup>	Tax sales	All other sales <sup>3</sup>	Total	Year	Voluntary sales	Foreclosures <sup>2</sup>	Tax sales	All other sales <sup>3</sup>	Total
1954.....	29.9	1.7	0.4	12.1	44.1	1963.....	28.5	1.2	0.4	14.7	44.8
1955.....	31.9	1.9	.4	12.4	46.6	1964.....	28.5	1.6	.4	14.6	45.1
1956.....	32.3	2.9	.6	14.4	50.2	1965.....	30.3	1.4	.4	14.3	46.4
1957.....	31.3	2.0	.7	13.7	47.7	1966.....	31.1	.9	.6	13.7	46.3
1958.....	31.2	1.7	.7	14.5	48.1	1967.....	30.9	.8	.2	12.6	44.5
1959.....	31.3	1.6	.4	14.8	48.1	1968.....	30.4	1.1	.2	12.5	44.2
1960.....	30.7	1.6	.6	14.2	47.1	1969.....	30.6	1.0	.3	12.6	44.5
1961.....	28.1	1.5	.5	14.5	44.6	1970.....	27.8	1.1	.....	12.0	40.9
1962.....	28.5	1.6	.6	15.2	45.9						

<sup>1</sup> Excludes Alaska and Hawaii.

<sup>2</sup> Includes foreclosures, assignments, bankruptcies, and related defaults.

<sup>3</sup> Includes inheritances and gifts, administrators' and executors' sales, and miscellaneous or unclassified sales.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 638.

Table 626.—Farm transfers: Number per 1,000 of all farms by type and farm production regions, years ending Mar. 15, 1961-70

[Number per thousand]

Type of transfer and year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States <sup>1</sup>
<b>Voluntary sales and trades:<sup>2</sup></b>											
1961	31.2	30.3	27.0	21.0	21.3	27.6	24.4	27.6	41.2	51.6	28.1
1962	31.5	30.2	27.4	20.9	21.5	26.8	26.5	30.3	38.5	53.4	28.5
1963	30.4	27.2	27.7	24.8	22.2	25.5	25.8	32.5	42.6	48.2	28.5
1964	29.9	33.6	31.1	22.7	24.2	22.0	28.4	32.2	40.5	56.3	30.3
1965	29.8	30.5	29.0	23.7	24.1	21.3	27.2	28.0	36.6	57.7	28.9
1966	32.0	34.6	33.1	25.4	24.5	21.8	27.5	32.8	40.3	53.8	31.1
1967	31.8	34.7	33.3	25.1	25.8	23.1	26.7	31.3	38.1	50.1	30.9
1968	33.7	35.7	32.2	26.4	25.2	22.3	26.5	29.5	37.6	45.4	30.4
1969	34.7	38.6	29.2	22.5	26.3	25.5	28.8	31.2	38.9	43.4	30.9
1970	34.6	38.2	25.6	21.9	20.5	23.5	25.7	28.1	38.1	38.5	27.8
<b>Delinquent taxes:</b>											
1961	.4	.6	.2	.5	.5	.3	.5	1.1	.2	.1	.5
1962	.6	.7	.2	.4	.8	.8	.9	.6	.5	.1	.6
1963	.7	.5	.1	.1	.6	.6	.1	.8	.4	.3	.4
1964	.6	.4	.2	.5	.8	.5	.2	.4	.7	.5	.4
1965	.4	.4	.5	.4	.4	.3	.1	.2	.3	.3	.4
1966	.6	.8	.7	.8	1.0	.2	.1	.4	.5	.5	.6
1967	.5	.1	.2	.3	.4	.2	.3	.1	.1	.2	.2
1968	.3	.4	.2	.1	.4	.1	.2	.2	.4	.5	.2
1969	.6	.8	.1	.4	.2		.1	.1	.5	.6	.3
1970	.2								.5		
<b>Foreclosure of mortgages, bankruptcy, etc.:</b>											
1961	1.3	2.0	1.0	.8	1.2	2.4	1.0	1.6	2.1	2.7	1.5
1962	1.6	1.9	1.5	.5	1.6	1.5	1.6	2.0	2.3	2.3	1.6
1963	1.5	1.6	.7	.4	1.0	1.1	.8	1.9	2.3	3.0	1.2
1964	1.7	2.3	1.5	.7	1.4	.8	1.6	1.6	2.5	3.0	1.6
1965	2.0	1.9	.9	1.2	1.4	1.2	2.2	.5	2.4	2.7	1.4
1966	1.3	1.0	.7	1.2	.8	.2	1.2	.3	2.1	2.2	.9
1967	1.0	.9	.3	.8	.6	1.1	.5	1.2	1.6	2.1	.8
1968	1.4	1.5	.8	.6	.6	.7	1.1	1.0	2.6	2.2	1.1
1969	1.4	1.1	.6	.6	.6	.9	1.0	.8	1.6	3.2	1.0
1970	1.3	1.8	.5	.5	1.7	.9	.5	.8	1.2	2.4	1.1
<b>Inheritances and gifts:</b>											
1961	3.0	1.9	4.1	4.0	4.7	4.8	4.0	4.0	2.9	4.2	3.9
1962	2.7	2.0	3.2	4.3	4.8	4.0	4.2	6.0	3.0	4.5	3.8
1963	3.2	1.9	3.0	3.6	4.7	4.4	3.9	5.7	2.7	4.4	3.7
1964	3.2	2.1	3.4	4.0	5.6	3.1	4.4	5.8	3.0	3.7	4.0
1965	1.5	1.3	3.4	2.6	4.5	5.3	4.4	4.8	2.4	3.2	3.4
1966	2.3	1.7	3.0	3.3	4.2	4.3	5.3	5.9	2.3	3.6	3.6
1967	2.8	1.6	4.1	4.0	5.9	5.2	4.7	6.5	2.5	4.5	4.3
1968	2.6	1.9	4.1	3.9	5.6	5.4	5.1	7.3	4.6	4.2	4.5
1969	3.2	2.5	4.0	5.7	6.2	6.3	3.5	5.9	3.3	3.7	4.6
1970	2.4	3.5	4.5	3.9	5.1	5.6	6.4	4.5	2.8	4.4	4.4
<b>Administrators' and execu-tors' sales:<sup>3</sup></b>											
1961	6.7	6.5	12.1	12.6	9.1	7.2	5.7	12.2	7.6	8.3	9.3
1962	8.4	8.1	12.0	11.0	10.8	10.5	7.5	12.8	7.4	9.4	10.2
1963	7.5	8.1	11.3	11.0	10.5	8.6	6.9	10.1	10.3	7.5	9.6
1964	8.1	8.8	12.3	10.5	10.6	6.1	5.1	10.0	7.8	6.6	9.4
1965	7.8	6.9	12.1	10.0	10.6	6.6	7.5	12.9	6.4	6.0	9.4
1966	6.7	7.5	12.1	11.3	8.8	7.9	7.9	8.6	7.6	6.1	9.0
1967	6.8	8.5	9.1	8.9	7.1	7.5	4.7	6.9	4.9	2.8	7.3
1968	5.6	6.2	8.5	8.7	7.1	6.7	5.4	7.7	6.7	4.5	7.0
1969	5.9	7.0	8.4	8.0	7.5	6.9	6.0	7.3	5.0	7.1	7.2
1970	6.3	4.5	7.2	7.4	8.1	7.5	4.1	6.6	5.2	4.3	6.5
<b>Total, all classes:<sup>4</sup></b>											
1961	43.7	42.0	45.7	39.9	38.4	43.6	36.5	49.7	54.9	68.1	44.7
1962	45.7	43.2	45.1	38.5	40.4	44.2	42.5	55.3	54.1	70.2	45.9
1963	44.4	40.3	44.2	40.9	39.7	41.5	38.7	54.4	60.7	64.4	44.7
1964	44.4	48.4	49.3	39.8	43.8	33.6	40.6	53.2	56.5	71.8	46.9
1965	42.9	42.4	46.9	39.2	42.7	35.5	43.2	49.5	49.1	71.1	45.0
1966	44.3	46.5	50.4	36.2	40.2	34.8	43.3	51.2	54.2	68.6	46.3
1967	44.2	47.5	47.8	39.8	40.9	37.4	38.4	47.1	47.8	61.0	44.5
1968	44.8	46.6	46.6	40.5	39.1	35.8	40.4	47.1	52.9	52.6	44.2
1969	46.8	48.8	43.0	37.9	41.6	40.5	40.8	47.2	50.5	60.6	44.5
1970	45.4	49.1	38.6	34.9	36.5	39.9	37.4	40.6	48.2	49.9	40.9

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Includes contracts to purchase, but not options.<sup>3</sup> Includes all other sales in settlement of estates.<sup>4</sup> Includes miscellaneous and unclassified.

**Table 627.—Deposits of country banks: Index numbers of total, demand, and time deposits, selected groups of States, 1954-68<sup>1</sup>**

[1947-49=100]

Year	20 of the leading agricultural States <sup>2</sup>			3 Lake States <sup>3</sup>			5 Corn Belt States <sup>4</sup>			8 Cotton States <sup>5</sup>		
	Total	De- mand	Time	Total	De- mand	Time	Total	De- mand	Time	Total	De- mand	Time
1954	119	117	146	122	127	117	123	120	134	122	118	150
1955	122	119	156	127	133	121	126	121	140	128	123	162
1956	124	121	166	131	138	125	129	124	145	135	129	176
1957	127	121	190	136	140	133	133	125	158	140	129	208
1958	134	124	224	144	144	145	140	128	175	149	131	246
1959	141	128	251	151	149	154	144	131	187	161	140	281
1960	139	121	269	149	142	157	141	123	195	164	139	306
1961	144	123	299	154	145	163	146	124	211	173	141	344
1962	154	127	357	163	149	178	158	130	242	187	149	398
1963	165	131	417	176	154	198	170	134	277	205	159	453
1964	176	134	472	191	163	220	181	138	313	226	172	515
1965	190	140	539	210	175	246	198	145	357	250	186	589
1966	209	146	636	237	188	287	215	150	415	280	200	692
1967	228	151	739	264	200	330	237	153	482	302	208	807
1968	250	160	855	293	215	379	261	162	546	333	220	915

  

Year	3 Delta States <sup>6</sup>			Texas-Oklahoma			4 Great Plains States <sup>7</sup>			8 Mountain States <sup>8</sup>		
	Total	De- mand	Time	Total	De- mand	Time	Total	De- mand	Time	Total	De- mand	Time
1954	135	131	156	122	116	242	110	104	145	122	116	151
1955	144	138	176	125	118	279	110	104	152	124	117	159
1956	155	148	193	127	118	322	108	101	156	127	117	176
1957	164	150	231	128	115	405	109	98	183	129	113	204
1958	174	153	272	137	120	534	118	103	221	138	116	232
1959	191	164	317	146	124	640	126	109	249	148	123	257
1960	199	166	350	145	120	714	122	102	267	148	120	274
1961	208	168	393	152	122	823	129	106	298	158	125	304
1962	228	178	462	162	124	1,048	137	107	358	166	129	332
1963	254	193	546	171	124	1,258	147	110	423	182	138	380
1964	282	208	629	177	124	1,444	154	109	477	195	143	431
1965	320	231	733	187	124	1,662	163	111	541	203	143	471
1966	355	247	853	202	126	1,989	179	114	644	215	145	526
1967	390	260	978	222	131	2,378	195	117	763	233	153	591
1968	430	280	1,110	244	138	2,759	216	122	895	245	154	659

<sup>1</sup> Based on deposits of member banks of the Federal System located in places of less than 15,000 population. Prior to 1966, annual indexes are simple averages of monthly indexes, which are based on average amounts of daily deposits. Beginning 1966, the only data available were as of June 30 and Dec. 31. Later reports may give indexes as of the end of each calendar quarter. In preparing indexes for groups of States, the amounts of deposits for each State are weighted by the cash farm income of each State in the base period. Beginning with December 1959, U.S. Government deposits are excluded from the data on which the indexes for demand deposits are based. This change in method of reporting slightly lowers the levels of the indexes.

<sup>2</sup> Arkansas, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Texas, Washington, and Wisconsin.

<sup>3</sup> Michigan, Wisconsin, and Minnesota.

<sup>4</sup> Ohio, Indiana, Illinois, Missouri, and Iowa.

<sup>5</sup> North Carolina, South Carolina, Georgia, Alabama, Mississippi, Arkansas, Louisiana, and Oklahoma.

<sup>6</sup> Mississippi, Arkansas, and Louisiana.

<sup>7</sup> North Dakota, South Dakota, Nebraska, and Kansas.

<sup>8</sup> Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada.

Economic Research Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 640.

**Table 628.—Farm assets and claims: Comparative balance sheet of the farming sector, United States, Jan. 1, 1962–70<sup>1</sup>**

Item	1962	1963	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>
<b>ASSETS</b>									
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate.....	138.2	144.0	152.2	161.2	172.4	182.5	193.1	202.6	208.6
Non-real-estate:									
Livestock <sup>3</sup> .....	16.4	17.3	15.8	14.4	17.5	18.9	18.8	20.1	} 74.7
Machinery and motor vehicles.....	22.5	22.7	24.1	25.5	27.1	28.9	31.1	32.6	
Crops stored on and off farms <sup>4</sup> .....	8.7	9.2	9.9	8.9	9.7	10.0	9.6	10.5	
Household furnishings and equipment.....	9.1	9.0	8.8	8.6	8.6	8.4	8.7	9.1	
Financial assets:									
Deposits and currency.....	8.8	9.2	9.2	9.6	10.0	10.3	10.9	11.5	} 23.8
United States savings bonds.....	4.5	4.4	4.2	4.2	4.1	3.9	3.8	3.8	
Investments in cooperatives.....	5.0	5.3	5.7	6.0	6.5	6.9	7.4	7.8	
Total <sup>5</sup> .....	213.2	221.1	229.9	238.4	255.9	269.8	283.4	298.0	307.1
<b>CLAIMS</b>									
Liabilities:									
Real estate debt.....	13.9	15.2	16.8	18.9	21.2	23.3	25.5	27.1	28.7
Non-real-estate debt to—									
Commodity Credit Corporation <sup>6</sup> .....	1.9	2.1	1.9	1.5	1.4	1.2	1.4	2.7	} 26.8
Other reporting institutions <sup>7</sup> .....	7.5	8.5	9.5	10.0	11.1	12.4	13.7	14.5	
Nonreporting creditors <sup>8</sup> .....	5.4	6.0	6.7	7.1	7.9	8.8	9.8	10.3	
Total liabilities <sup>5</sup> .....	28.7	31.8	34.9	37.5	41.6	45.7	50.4	54.6	58.1
Proprietors' equities.....	184.5	189.3	195.0	200.9	214.3	224.1	233.0	243.4	249.0
Total <sup>5</sup> .....	213.2	221.1	229.9	238.4	255.9	269.8	283.4	298.0	307.1

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Preliminary.<sup>3</sup> Horses and mules are excluded.<sup>4</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.<sup>5</sup> Total of rounded data.<sup>6</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.<sup>7</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.<sup>8</sup> Loans and credits extended by dealers, merchants, financial companies, individuals, and others.Economic Research Service. Data for 1950-61 in *Agricultural Statistics, 1967*, table 641.**Table 629.—Production assets: Total used in agriculture, United States, Jan. 1, 1961–70<sup>1</sup>**

Year	Total <sup>2</sup>	Average		Year	Total <sup>2</sup>	Average	
		Per farm worker	Per farm			Per farm worker	Per farm
		<i>Billion dollars</i>	<i>Dollars</i>			<i>Billion dollars</i>	<i>Dollars</i>
1961.....	156.9	22,234	44,011	1966.....	201.9	35,971	66,720
1962.....	164.0	23,703	47,547	1967.....	214.5	41,121	72,925
1963.....	170.9	25,508	51,259	1968.....	226.1	46,094	79,214
1964.....	178.0	27,309	55,332	1969.....	238.0	49,900	85,500
1965.....	186.3	30,491	59,733	1970 <sup>3</sup> .....	248.2	54,100	91,700

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Includes farm real estate less value of operators' dwellings; machinery; motor vehicles less 60 per cent of the value of automobiles; inventory value of feed crops held for subsequent use on farms; and working capital needed to meet farm production expenses.<sup>3</sup> Preliminary.Economic Research Service. Data for 1940, 1950, 1955, and 1959 in *Agricultural Statistics, 1967*, table 642.

Table 630.—Livestock: Number and farm value, United States, Jan. 1, 1968–70

Class of livestock and poultry	Number on farms and ranches			Farm value					
				Per head <sup>2</sup>			Total		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle.....	109,152	109,885	112,330	149.00	158.00	180.00	16,234,302	17,394,098	20,175,485
Cows and heifers 2 years old and over kept for milk....	14,644	14,152	13,875	251.00	269.00	302.00	3,674,070	3,809,120	4,186,505
Hogs <sup>3</sup> .....	58,777	60,632	56,743	28.30	30.50	39.00	1,661,616	1,851,596	2,212,153
All sheep.....	22,140	21,238	20,422	.....	.....	.....	425,698	468,761	509,219
Stock sheep.....	19,105	18,332	17,578	19.20	22.00	24.70	365,917	403,214	433,723
Total <sup>4</sup> .....	.....	.....	.....	.....	.....	.....	18,321,616	19,714,455	22,896,857
Chickens.....	425,158	419,635	431,533	1.14	1.21	1.35	486,414	506,100	580,951
Turkeys.....	7,301	6,604	6,674	4.65	4.95	5.50	33,938	32,739	36,770
Total <sup>5</sup> .....	.....	.....	.....	.....	.....	.....	18,841,968	20,253,294	23,514,578

<sup>1</sup> Preliminary.<sup>2</sup> Based on reporters' estimates of average price per head in their localities.<sup>3</sup> Dec. 1, of preceding year.<sup>4</sup> Includes cattle, hogs, and all sheep.<sup>5</sup> Includes cattle, hogs, all sheep, chickens, and turkeys.

Statistical Reporting Service.

Table 631.—Motor vehicles: Number on farms, United States, Jan. 1, 1954–70<sup>1</sup>

Year	Tractors		Motor-trucks	Auto-mobiles <sup>3</sup>	Year	Tractors		Motor-trucks	Auto-mobiles <sup>3</sup>
	Excluding garden	Including garden <sup>2</sup>				Excluding garden	Including garden <sup>2</sup>		
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1954.....	4,243	4,558	2,610	.....	1963.....	4,730	5,230	2,925	.....
1955.....	<sup>4</sup> 4,345	4,677	<sup>5</sup> 2,675	<sup>5</sup> 4,140	1964.....	4,755	5,268	2,970	.....
1956.....	4,480	4,833	2,707	.....	1965 <sup>4</sup> .....	4,783	5,481	3,023	3,587
1957.....	4,570	4,945	2,745	.....	1966.....	4,800	5,525	3,060	.....
1958.....	4,620	5,020	2,775	.....	1967.....	4,815	5,565	3,100	.....
1959.....	4,673	5,098	2,800	.....	1968.....	4,822	5,592	3,130	.....
1960 <sup>4</sup> .....	4,685	5,135	2,825	3,629	1969.....	4,810	5,600	3,160	.....
1961.....	4,695	5,163	2,850	.....	1970 <sup>6</sup> .....	4,790	5,595	3,185	.....
1962.....	4,710	5,195	2,885	.....					

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Motor tillers included after 1964.<sup>3</sup> Data for census periods only.<sup>4</sup> Census of Agriculture. Census dates November 1954, 1959, and 1964.<sup>5</sup> Census numbers reduced by estimates of numbers on farms not meeting the 1959 Census definition of a farm.<sup>6</sup> Preliminary.Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 644.

Table 632.—Specified machines: Number on farms, United States, Jan. 1, 1954-70<sup>1</sup>

Year	Grain combines	Cornpickers and picker-shellers	Farms with milking machines <sup>2</sup>	Year	Grain combines	Cornpickers and picker-shellers	Farms with milking machines <sup>2</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1954.....	965	660	705	1963.....	940	720	.....
1955 <sup>3</sup> .....	980	688	712	1964.....	920	705	.....
1956.....	1,005	715	.....	1965 <sup>3</sup> .....	910	690	500
1957.....	1,015	740	.....	1966.....	895	675	.....
1958.....	1,030	755	.....	1967.....	880	655	.....
1959.....	1,045	775	.....	1968.....	870	640	.....
1960 <sup>3</sup> .....	1,042	792	666	1969.....	860	630	.....
1961.....	980	740	.....	1970 <sup>4</sup> .....	850	620	.....
1962.....	960	730	.....				

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Beginning 1955, data for census periods only.<sup>3</sup> Census of Agriculture. Census dates November 1954, 1959, and 1964.<sup>4</sup> Preliminary.Economic Research Service. Data for 1910-53 in *Agricultural Statistics, 1967*, table 645.

Table 633.—Tractors: Number shipped by manufacturers and number shipped for domestic farm use, United States, 1955-69

Year	Total shipments				Shipments for domestic farm use			
	Wheel type <sup>1</sup>	Track-laying <sup>2</sup>	Garden <sup>3</sup>	Total	Wheel type <sup>1</sup>	Track-laying <sup>2</sup>	Garden <sup>3</sup>	Total
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1955.....	326,447	48,891	192,624	567,962	263,149	6,449	187,724	457,322
1956.....	222,581	55,417	203,231	481,229	170,421	6,408	195,409	372,238
1957.....	231,061	32,863	181,806	445,730	179,134	5,833	172,511	357,478
1958.....	239,161	28,450	227,073	494,684	188,100	3,990	215,386	407,476
1959.....	252,317	34,112	327,083	613,512	200,134	4,000	315,326	519,460
1960.....	156,041	24,460	416,455	596,956	116,152	2,302	403,759	522,213
1961.....	171,759	20,068	389,861	581,688	130,787	2,749	371,548	505,084
1962.....	189,705	19,809	421,833	631,347	146,348	2,045	402,249	550,642
1963.....	204,970	22,567	347,413	574,950	148,527	1,894	327,074	477,495
1964.....	204,210	26,896	416,486	647,592	142,247	1,923	397,390	541,560
1965.....	244,489	27,231	473,725	745,445	175,641	1,593	446,378	623,612
1966.....	270,034	28,590	507,606	806,230	197,163	.....	481,667	.....
1967.....	241,096	20,861	560,387	822,344	180,292	.....	533,982	.....
1968.....	211,809	22,427	569,295	803,531	151,946	.....	542,050	.....
1969 <sup>4</sup> .....	194,146	22,821	.....	.....	.....	.....	.....	.....

<sup>1</sup> Contractors' off-highway type not included.<sup>2</sup> Tractors produced as integral units of tractor-shovel loaders not included after 1956.<sup>3</sup> Includes motor tillers. Includes all domestic uses; shipments for farm use unavailable.<sup>4</sup> Preliminary.Economic Research Service. Compiled from "Current Industrial Reports" of the U.S. Department of Commerce. Data for 1944-54 in *Agricultural Statistics, 1967*, table 646.



Table 634.—Farm machines, selected types: Units manufactured in the United States, 1959-68

Year	Tractor moldboard plows	One-way disk plows or tillers	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators <sup>1</sup>	Power sprayers and dusters	Hay crushers and field hay conditioners
	Number	Number	Number	Number	Number	Number	Number
1959	119,130	8,668	1,640	6,954	68,725	96,536	51,978
1960	94,021	4,710	4,371	15,426	63,060	73,657	42,250
1961	76,526	3,582	6,057	11,669	55,660	52,455	31,402
1962	79,073	2,860	6,809	12,433	44,639	60,094	27,255
1963	83,798	4,068	11,674	14,594	54,551	70,344	17,945
1964	91,988	2,453	12,550	21,178	46,243	73,022	13,732
1965	88,914	3,645	9,732	27,418	52,012	72,545	17,183
1966	109,784	2,332	13,353	30,050	58,878	71,099	11,493
1967	95,936	2,565	17,777	29,088	61,724	65,691	7,037
1968	61,182	1,663	17,322	24,430	53,171	64,578	3,958

  

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Corn pickers (field)	Corn picking units (combine attachments)	Corn picker-shellers
	Number	Number	Number	Number	Number	Number	Number
1959	45,185	53,453	29,885	42,461	34,811	5,324	4,683
1960	41,732	49,119	23,709	30,165	27,101	11,474	712
1961	28,108	45,170	25,199	22,916	20,618	8,395	1,127
1962	31,839	42,878	22,157	24,799	22,412	7,208	
1963	37,664	46,257	20,621	59,496	20,451	12,754	
1964	42,297	50,975	25,510	37,705	18,495	18,237	
1965	41,150	55,590	30,568	38,442	13,355	20,723	
1966	43,005	49,212	29,801	46,728	13,232	25,576	
1967	32,467	40,623	34,103	42,003	13,560	22,829	
1968	20,266	33,384	24,776	31,468	13,797	16,655	

  

Year	Cotton pickers	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo unloaders	Milking machines <sup>2</sup>
	Number	Number	Number	Number	Number	Number	Number
1959	1,978		682	54,103	15,381	9,642	35,742
1960	6,257	1,363	799	44,901	15,949	7,472	28,532
1961	6,201	1,822	1,303	38,067	12,357	15,944	30,273
1962	5,056	2,010	765	44,612	15,940	15,755	29,002
1963	5,012	2,043	674	44,202	15,511	15,091	24,000
1964	3,984	2,417	748	30,099	12,387	14,760	23,392
1965	4,586	1,933	1,088	34,301	9,687	15,284	23,483
1966	1,159	1,995	1,785	37,410	10,773	24,569	20,804
1967	497	1,841	1,699	39,072	7,875	21,568	16,503
1968	(*)	1,780	737	34,425	5,818	23,600	13,822

<sup>1</sup> Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.<sup>2</sup> Includes only the number of vacuum-pump units for stationary and portable milking machines.<sup>3</sup> Withheld to avoid disclosing figures for individual companies.Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-58 in *Agricultural Statistics, 1967*, table 647.

## FOOTNOTES FOR TABLE 637

<sup>1</sup> Average number of persons employed during 1 survey week each month. Survey weeks selected are the latest calendar week that excludes the last day of the month.<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.<sup>3</sup> Includes all persons doing farm work for pay in survey weeks.

Statistical Reporting Service.

**Table 635.—Farm machines and equipment: Value of shipments, by classes, United States, 1959–68**

Year	Total manufacturers' shipments <sup>1</sup>	Total shipped for export <sup>1</sup>	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
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1959	2,502,198		1,721,961	72,798	98,437	104,589	46,801	317,729
1960	2,066,834	328,117	1,390,029	57,472	79,223	90,774	47,027	295,048
1961	2,119,944	323,849	1,509,432	59,449	77,520	89,595	45,103	282,486
1962	2,274,609	299,582	1,622,504	61,560	93,048	94,660	48,254	291,614
1963	2,558,908	400,094	1,777,794	70,852	108,861	104,389	55,883	344,012
1964	3,075,318	577,079	1,907,384	81,721	119,993	120,003	60,952	382,291
1965	3,501,874	629,886	2,201,410	88,292	125,168	129,370	65,803	432,942
1966	4,053,327	514,743	2,676,073	101,550	149,355	149,583	80,146	519,796
1967	4,010,833	490,731	2,746,071	105,072	168,585	156,258	86,474	526,543
1968	3,919,570	488,957	2,647,645	82,745	165,659	134,120	80,011	541,884

  

Year	Shipments for use in United States—Continued								
	Haying machinery	Machines for preparing crops for market or use	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	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
1959	147,470	37,751	668,877	42,320	42,039	36,296	20,079	31,214	55,561
1960	123,070	34,840	470,380	35,537	41,444	27,124	18,649	25,906	43,535
1961	108,847	47,594	581,553	37,275	36,977	25,788	27,501	32,929	56,815
1962	109,266	41,377	658,930	43,650	40,914	27,124	22,296	28,428	61,383
1963	114,558	50,217	693,333	46,833	42,868	26,298	15,853	39,234	64,603
1964	120,702	44,041	739,293	49,287	43,403	27,124	23,642	37,025	57,907
1965	129,422	55,483	912,746	48,471	47,744	33,643	27,948	40,267	64,111
1966	150,866	71,119	1,132,749	65,462	51,715	40,339	27,108	55,042	81,243
1967	135,962	92,386	1,144,843	67,025	52,146	38,123	30,300	58,441	83,913
1968	119,009	92,585	1,121,713	63,607	53,170	38,980	28,836	42,589	82,737

<sup>1</sup> For agricultural, industrial, and military use.Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949–58 in *Agricultural Statistics, 1967*, table 648.**Table 636.—Population: Total and farm, United States, April 1954–69<sup>1</sup>**

Year	Total population <sup>2</sup>	Farm population		Year	Total population <sup>2</sup>	Farm population	
		Number	Percentage of total			Number	Percentage of total
		Thousands	Percent			Thousands	Percent
1954	161,761	19,019	11.8	1962	185,979	14,313	7.7
1955	164,607	19,078	11.6	1963	188,741	13,367	7.1
1956	167,509	18,712	11.2	1964	191,462	12,954	6.8
1957	170,496	17,656	10.4	1965	193,983	12,363	6.4
1958	173,367	17,128	9.9	1966	196,332	11,595	5.9
1959	<sup>3</sup> 176,551	16,592	9.4	1967	198,598	10,875	5.5
1960	180,007	15,635	8.7	1968	200,659	10,454	5.2
1961	183,043	14,803	8.1	1969	202,696	10,307	5.1

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.<sup>2</sup> Total population figures include the Armed Forces overseas.<sup>3</sup> Includes Alaska.Economic Research Service and the U.S. Department of Commerce. Data for 1929–53 in *Agricultural Statistics, 1967*, table 649.

Table 637.—Farm employment: Number of persons employed, by States, 1967-69<sup>1</sup>

State and division	Total employment			Family <sup>2</sup>			Hired <sup>3</sup>		
	1967	1968	1969	1967	1968	1969	1967	1968	1969
	<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>	<i>1,000 persons</i>	<i>1,000 persons</i>	<i>1,000 persons</i>
Maine.....	24	22	20.9	15	14	13	9.0	8.0	7.9
New Hampshire.....	8	7.0	7.0	6.0	5.0	4.7	2.0	2.0	2.3
Vermont.....	17	15	14.7	13	12	11	4.0	3.0	3.7
Massachusetts.....	21	19	17.8	12	11	10.1	9.0	8.0	7.7
Rhode Island.....	3.0	3.0	2.1	2.0	2.0	1.3	1.0	1.0	.8
Connecticut.....	14	14	13.8	8.0	8.0	7.8	6.0	6.0	6.0
<b>New England.....</b>	<b>87</b>	<b>80</b>	<b>76.3</b>	<b>56</b>	<b>52</b>	<b>47.9</b>	<b>31</b>	<b>28</b>	<b>28.4</b>
New York.....	105	101	100	77	74	73	28	27	27
New Jersey.....	23	23	21	10	10	10	13	13	11
Pennsylvania.....	128	121	115	109	104	99	19	17	16
<b>Middle Atlantic.....</b>	<b>256</b>	<b>245</b>	<b>236</b>	<b>196</b>	<b>188</b>	<b>182</b>	<b>60</b>	<b>57</b>	<b>54</b>
Ohio.....	163	157	150	144	138	134	19	19	16
Indiana.....	133	130	125	120	118	114	13	12	11
Illinois.....	177	167	165	147	141	138	30	26	27
Michigan.....	152	143	136	126	118	114	26	25	22
Wisconsin.....	198	203	197	178	183	178	20	20	19
<b>East North Central.....</b>	<b>823</b>	<b>800</b>	<b>773</b>	<b>715</b>	<b>698</b>	<b>678</b>	<b>108</b>	<b>102</b>	<b>95</b>
Minnesota.....	200	193	187	179	172	168	21	21	19
Iowa.....	223	217	214	194	189	187	29	28	27
Missouri.....	204	196	188	169	165	159	35	31	29
North Dakota.....	65	63	60	53	52	50	12	11	10
South Dakota.....	70	68	68	62	61	60	8.0	7.0	8.0
Nebraska.....	114	110	108	97	96	94	17	14	14
Kansas.....	123	117	110	106	102	96	17	15	14
<b>West North Central.....</b>	<b>999</b>	<b>964</b>	<b>935</b>	<b>860</b>	<b>837</b>	<b>814</b>	<b>139</b>	<b>127</b>	<b>121</b>
Delaware.....	8.0	7.0	7.0	5.0	4.0	4.0	3.0	3.0	3.0
Maryland.....	36	34	32	26	26	24	10	8.0	8.0
Virginia.....	125	120	116	93	89	86	32	31	30
West Virginia.....	41	39	37	35	33	32	6.0	6.0	5.0
North Carolina.....	280	260	247	204	192	184	76	68	63
South Carolina.....	88	85	78	64	63	58	24	22	20
Georgia.....	112	109	102	85	85	80	27	24	22
Florida.....	116	112	112	36	35	34	80	77	78
<b>South Atlantic.....</b>	<b>806</b>	<b>766</b>	<b>731</b>	<b>548</b>	<b>527</b>	<b>502</b>	<b>258</b>	<b>239</b>	<b>229</b>
Kentucky.....	196	172	158	153	138	130	43	34	28
Tennessee.....	168	161	149	134	130	123	34	31	26
Alabama.....	107	104	99	83	82	77	24	22	22
Mississippi.....	138	142	130	106	110	101	32	32	29
<b>East South Central.....</b>	<b>609</b>	<b>579</b>	<b>536</b>	<b>476</b>	<b>460</b>	<b>431</b>	<b>133</b>	<b>119</b>	<b>105</b>
Arkansas.....	136	138	145	87	85	83	49	53	62
Louisiana.....	97	92	85	61	57	54	36	35	31
Oklahoma.....	129	125	124	110	108	108	19	17	16
Texas.....	298	291	286	200	192	191	98	99	95
<b>West South Central.....</b>	<b>660</b>	<b>646</b>	<b>640</b>	<b>458</b>	<b>442</b>	<b>436</b>	<b>202</b>	<b>204</b>	<b>204</b>
Montana.....	43	40	40	30	29	29	13	11	11
Idaho.....	50	48	46	36	35	34	14	13	12
Wyoming.....	17	15	15	11	10	10	6.0	5.0	5.0
Colorado.....	57	58	57	36	38	35	21	20	22
New Mexico.....	25	25	24	15	16	15	10	9.0	9.0
Arizona.....	37	37	37	7.0	6.0	6.0	30	31	31
Utah.....	25	25	25	18	18	18	7.0	7.0	7.0
Nevada.....	5.0	4.8	4.5	3.0	2.4	2.5	2.0	2.4	2.0
<b>Mountain.....</b>	<b>259</b>	<b>252.8</b>	<b>248.5</b>	<b>156</b>	<b>154.4</b>	<b>149.5</b>	<b>103</b>	<b>98.4</b>	<b>99</b>
Washington.....	79	80	82	52	53	52	27	27	30
Oregon.....	71	70	69	49	48	47	22	22	22
California.....	254	266	263	84	76	76	170	190	187
<b>Pacific.....</b>	<b>404</b>	<b>416</b>	<b>414</b>	<b>185</b>	<b>177</b>	<b>175</b>	<b>219</b>	<b>239</b>	<b>239</b>
<b>United States.....</b>	<b>4,003.0</b>	<b>4,748.8</b>	<b>4,589.8</b>	<b>3,650.0</b>	<b>3,535.4</b>	<b>3,415.4</b>	<b>1,253.0</b>	<b>1,213.4</b>	<b>1,174.4</b>

See footnotes on page 439.

**Table 638.—Farm employment: Average number of persons employed and indexes, United States, 1954-69<sup>1</sup>**

Year	Total employment		Family workers <sup>2</sup>		Hired workers <sup>3</sup>	
	Average number of persons	Index 1910-14=100	Average number of persons	Index 1910-14=100	Average number of persons	Index 1910-14=100
	<i>1,000 persons</i>		<i>1,000 persons</i>		<i>1,000 persons</i>	
1954.....	8,651	64	6,570	65	2,081	61
1955.....	8,381	62	6,345	62	2,036	60
1956.....	7,852	58	5,900	58	1,952	57
1957.....	7,600	56	5,660	56	1,940	57
1958.....	7,503	55	5,521	54	1,982	58
1959.....	7,342	54	5,390	53	1,952	57
1960.....	7,057	52	5,172	51	1,885	55
1961.....	6,919	51	5,029	49	1,890	56
1962.....	6,700	49	4,873	48	1,827	54
1963.....	6,518	48	4,738	47	1,780	52
1964.....	6,110	45	4,506	44	1,604	47
1965.....	5,610	41	4,128	41	1,482	44
1966.....	5,214	38	3,854	38	1,360	40
1967.....	4,903	36	3,650	36	1,253	37
1968.....	4,748.8	35	3,535.4	35	1,213.4	36
1969.....	4,589.8	34	3,415.4	34	1,174.4	35

<sup>1</sup> Average number of persons employed during 1 survey week each month. Survey weeks selected are the latest calendar week that excludes the last day of the month.

<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

<sup>3</sup> Includes all persons doing farm work during the survey week for pay.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 651.

**Table 639.—Number of different persons who did any farm wage work during the year, average days worked and wages earned, United States, selected years, 1954-69<sup>1</sup>**

Year	All farm wage workers			Workers with 25 days or more of farm wage work during the year				
	Total	Male	Female	Number of farm wage workers	Average days worked		Average wages earned during year	
					At farm and nonfarm wage work	At farm wage work	At farm and nonfarm wage work	At farm wage work
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Days</i>	<i>Days</i>	<i>Dollars</i>	<i>Dollars</i>
1954.....	3,009	2,237	772	1,908	168	142	981	799
1956.....	3,575	2,525	1,050	2,078	159	136	989	799
1957.....	3,962	2,765	1,197	2,200	144	125	892	738
1958.....	4,212	2,987	1,225	2,319	150	128	961	766
1959.....	3,577	2,570	1,007	2,166	161	138	1,038	829
1960 <sup>2</sup> .....	3,693	2,664	1,029	2,162	167	139	1,125	879
1961.....	3,488	2,445	1,043	1,889	156	134	1,054	881
1962.....	3,622	2,551	1,071	2,067	160	134	1,164	913
1963.....	3,597	2,615	983	1,862	158	138	1,087	883
1964.....	3,370	2,398	972	2,001	156	129	1,213	933
1965.....	3,128	2,205	923	1,864	165	137	1,316	1,045
1966.....	2,763	2,051	712	1,634	171	138	1,605	1,188
1967.....	3,078	2,261	817	1,740	172	142	1,761	1,389
1968.....	2,919	2,111	808	1,620	162	135	1,793	1,434
1969.....	2,571	1,907	665	1,466	163	131	1,886	1,406

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year. No survey conducted in 1955. This series differs from the hired worker series shown in table 638 which gives an annual average based on employment during the last week of each month.

<sup>2</sup> Beginning 1960, includes Alaska and Hawaii.

Economic Research Service. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economic Research Service. Data for 1945-52 in *Agricultural Statistics, 1967*, table 652.

**Table 640.—Migratory farm workers: Number and sex of workers, average days worked and wages earned, United States, selected years, 1954-69<sup>1</sup>**

Year	All migratory farm workers			Migratory workers with 25 days or more of farm wage work				
	Total	Male	Female	Number of workers	Average days worked		Average wages earned during year	
					At farm and nonfarm wage work	At farm wage work	At farm and nonfarm wage work	At farm wage work
	Thousands	Thousands	Thousands	Thousands	Days	Days	Dollars	Dollars
1954	365	273	92	277	156	124	1,033	794
1956	427	314	113	301	143	116	1,178	935
1957	427	306	121	336	131	115	859	745
1959	477	359	118	346	143	119	911	710
1960 <sup>2</sup>	409	315	94	317	157	123	1,016	819
1961	395	308	87	296	136	109	902	677
1962	380	286	94	288	141	116	1,123	874
1963	386	318	69	278	127	110	868	657
1964	386	280	107	272	155	120	1,581	1,083
1965	466	334	132	300	149	122	1,474	1,192
1966	351	249	104	275	160	121	1,779	1,307
1967	276	204	71	194	145	117	1,555	1,266
1968	279	205	74	176	148	120	1,711	1,385
1969	257	201	55	172	152	113	1,937	1,293

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year. Estimates not available for all intervening years. Migratory workers are those who leave their homes temporarily to do farm wage work in another county or counties. Does not include foreign nationals brought into the United States to do farm work who have left the country before the time of the survey.

<sup>2</sup> Beginning 1960, includes Alaska and Hawaii.

Economic Research Service. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economic Research Service. Data for 1949 and 1952 in *Agricultural Statistics, 1967*, table 653.

**Table 641.—Farm wage rates: Average by classes and index numbers, by geographic divisions 1969, United States, 1960-69<sup>1</sup>**

Year and division <sup>2</sup>	Per month		Per week		Per day			Per hour		Index numbers of composite wage rates <sup>3</sup>	
	With house	With board and room	With board and room	Without board or room	With house	With board and room	Without board or room	With house	Without board or room		
1969	<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	327.00	239.00	63.00	88.50			14.50		1.72	159	
Middle Atlantic	322.00	233.00	61.75	81.00			12.90		1.64	157	
East North Central	317.00	234.00				10.80	13.30		1.62	162	
West North Central	309.00	237.00				11.00	13.50		1.57	157	
South Atlantic					8.70		9.80	1.18		1.29	190
East South Central					7.40		8.80	1.04		1.29	201
West South Central					9.90		10.90	1.18		1.30	179
Mountain	337.00	246.00					13.20	1.38		1.53	164
Pacific	414.00	308.00						1.71		1.80	153
United States:											
1960	192.00	149.00	35.50	45.75	5.30	6.50	6.60	.88	.97	108	
1961	195.00	151.00	35.75	46.50	5.30	6.50	6.60	.90	.99	110	
1962	200.00	155.00	37.00	47.75	5.60	6.70	6.90	.92	1.01	113	
1963	206.00	159.00	37.50	48.50	5.70	6.90	7.10	.94	1.05	116	
1964	212.00	162.00	38.50	49.50	5.90	7.10	7.30	.97	1.08	119	
1965	223.00	170.00	40.25	51.50	6.20	7.40	7.60	1.03	1.14	126	
1966	243.00	184.00	43.50	55.75	6.70	8.00	8.20	1.10	1.23	136	
1967	262.00	200.00	47.50	60.50	7.50	8.60	9.00	1.18	1.33	148	
1968	283.00	216.00	52.50	66.50	8.20	9.30	9.90	1.28	1.44	160	
1969	307.00	234.00	56.75	73.00	9.00	10.10	10.90	1.42	1.58	176	

<sup>1</sup> Certain rates are not published for regions where they are relatively unimportant but are estimated and used in computing the U.S. annual averages.

<sup>2</sup> For States included in divisions, see table 637.

<sup>3</sup> Calendar years 1957-59 equal 100. Composite Wage Rate Index does not include piece rate workers.

Statistical Reporting Service. Data for 1948-59 in *Agricultural Statistics, 1967*, table 654.

**Table 642.—59 principal crops: Total planted and harvested acreage, United States, 1954–69**

Year	59 crops planted or grown <sup>1</sup>	59 crops harvested <sup>2</sup>	Year	59 crops planted or grown <sup>1</sup>	59 crops harvested <sup>2</sup>	Year	59 crops planted or grown <sup>1</sup>	59 crops harvested <sup>2</sup>
	<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>
1954	354,776	338,184	1960	324,470	315,818	1966	297,617	287,725
1955	353,715	331,902	1961	308,594	294,334	1967	315,885	300,446
1956	343,359	316,244	1962	299,851	285,830	1968	308,092	295,099
1957	330,871	315,564	1963	305,977	289,928	1969 <sup>3</sup>	298,885	286,124
1958	325,592	315,712	1964	303,252	290,462			
1959	329,378	316,308	1965	304,321	290,958			

<sup>1</sup> Includes harvested acreage of crops for which separate planted estimates are not available. See footnote 6 in table 643.

<sup>2</sup> For crops included, see footnote 5 in table 644.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 655.

## FOOTNOTES FOR TABLE 644

<sup>1</sup> Does not include Alaska and Hawaii.

<sup>2</sup> Estimates discontinued.

<sup>3</sup> Preliminary.

<sup>4</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers, green peas, spinach, and tomatoes.

<sup>5</sup> Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (included lima beans, beets, kale, green peas, and shallots, through 1968). Excludes farm gardens. Acreage for harvest; prior to 1967, included mature acreage abandoned or only partially harvested because of low prices or other economic factors.

<sup>6</sup> Totals are for crops shown in preceding columns. Alfalfa seed, red clover seed, alsike clover seed (through 1963), and lespedeza seed are included in the count of crops, but the acreage is not included because it is mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts harvested for nuts, has been deducted. Other crops not included are hops, various legumes and other crops harvested by livestock, minor crops, and fruits and nuts. The acreage shown includes some crops harvested in succession from the same land.

<sup>7</sup> Commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, figs, nectarines, olives, avocados, dates, persimmons, pomegranates, oranges, tangerines, grapefruit, lemons, limes, tangelos (beginning with the 1955 crop), temples, walnuts, almonds, and filberts.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 657.

Table 643.—Principal crops: Planted acreage, United States, 1954–69<sup>1</sup>

Year	Corn, all	Oats <sup>2</sup>	Barley <sup>2</sup>	Sor- ghums <sup>3</sup>	Wheat				Buck- wheat	Rice
					Winter <sup>4</sup>	Durum	Other spring	All <sup>2</sup>		
1954	82,185	46,898	14,740	20,148	46,617	1,637	14,285	62,539	177	2,605
1955	80,932	47,494	16,293	23,921	44,297	1,385	12,564	58,246	126	1,846
1956	77,828	44,205	14,732	21,384	44,418	2,489	13,748	60,655	116	1,602
1957	73,180	41,840	16,398	26,886	37,420	2,370	10,053	49,843	113	1,370
1958	73,351	37,699	16,150	20,675	43,674	938	11,405	56,017	101	1,439
1959	82,742	35,064	16,766	19,508	43,615	1,217	11,874	56,706	81	1,607
1960	81,425	31,419	15,527	19,598	42,725	1,681	10,500	54,906	56	1,614
1961	65,919	32,314	15,623	14,294	43,489	1,788	10,430	55,707	59	1,618
1962	65,017	29,500	14,380	15,060	38,895	2,434	7,945	49,274	61	1,789
1963	68,771	28,054	13,452	17,516	42,289	2,054	9,021	53,364	51	1,785
1964	65,823	25,634	11,652	16,770	43,632	2,519	9,521	55,672	57	1,797
1965	65,119	24,010	10,099	17,079	45,142	2,361	9,858	57,361	.....	1,804
1966	66,306	23,301	11,134	16,372	42,974	2,491	8,930	54,395	.....	1,980
1967	71,093	20,646	10,002	19,007	54,127	2,826	10,843	67,796	.....	1,982
1968	65,126	23,166	10,477	18,014	49,267	3,679	9,540	62,486	.....	2,367
1969 <sup>5</sup>	64,257	23,636	10,158	17,438	43,120	3,406	7,786	54,312	.....	2,141

  

Year	Flax- seed <sup>2</sup>	Cotton	Beans, dry edible	Peas, dry field	Potatoes <sup>2</sup>	Sweet- potatoes	Sugar- beets <sup>2</sup>	Harvested acreage of other crops <sup>6</sup>	59 crops planted or grown <sup>7</sup>								
										1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
										1954	5,947	20,052	1,668	279	1,431.2	342.5	964
1955	5,148	17,991	1,602	335	1,451.8	352.0	798	97,179	353,715								
1956	5,786	17,077	1,476	387	1,391.6	281.2	831	95,607	343,359								
1957	5,481	14,310	1,451	315	1,403.6	280.1	916	97,084	330,871								
1958	3,862	12,379	1,660	248	1,460.8	260.7	935	99,354	325,592								
1959	3,268	15,833	1,517	368	1,353.6	266.8	955	93,366	329,401								
1960	3,437	16,080	1,438	325	1,399.8	193.8	976	96,075	324,470								
1961	2,975	16,588	1,445	358	1,511.0	187.4	1,129	98,867	308,594								
1962	3,102	16,293	1,465	357	1,377.9	207.9	1,182	100,875	299,851								
1963	3,379	14,843	1,404	335	1,337.4	177.7	1,285	100,223	305,977								
1964	2,965	14,855	1,442	314	1,311.3	155.6	1,459	103,364	303,251								
1965	2,868	14,152	1,556	232	1,418.9	172.2	1,314	107,136	304,321								
1966	2,679	10,349	1,521	252	1,497.1	161.0	1,240	106,430	297,617								
1967	2,061	9,448	1,290	244	1,496.8	149.2	1,197	109,473	315,885								
1968	2,183	10,912	1,484	254	1,409.8	151.3	1,476	108,586	308,092								
1969 <sup>5</sup>	2,762	11,898	1,539	300	1,447.5	153.6	1,650	107,192	298,885								

<sup>1</sup> Does not include Alaska and Hawaii.<sup>2</sup> Includes acreage planted in preceding fall for harvest in the year shown.<sup>3</sup> Grain and sweet sorghums for all uses, including sirup, through 1959; excluding sirup beginning 1960.<sup>4</sup> Acreage seeded in preceding fall.<sup>5</sup> Preliminary.

<sup>6</sup> Included are the following: Rye, hay, sweetclover seed, timothy seed, soybeans for beans, cowpeas for peas (through 1967), peanuts harvested for nuts, tobacco, sugarcane, broomcorn, and commercial vegetables (for processing): asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers, green peas, spinach, and tomatoes; for fresh market: artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloupes, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (included lima beans, beets, kale, green peas, and shallots, through 1968). The addition or dropping of crops generally has little effect on the total. Alfalfa seed, red clover seed, alsike clover seed (through 1963), and lespedeza seed are included in the count of crops, but the acreage is not included because it is mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts harvested for nuts, 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.

<sup>7</sup> Includes crops listed separately in this table, plus those mentioned in footnote 6. (Sorghums counted as 3 crops—grain, forage, and sirup.)

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 656.

Table 644.—Principal crops: Harvested acreage, United States, 1954–69<sup>1</sup>

Year	Corn, all	Oats	Barley	Sorghum grain	Total, 4 feed grains	Wheat	Rye	Buck-wheat	Rice	Total, 4 food grains	Flax-seed	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
1954	80,186	40,551	13,370	11,718	145,825	54,356	1,795	150	2,550	58,851	5,662	19,251
1955	79,367	39,027	14,523	12,891	145,808	47,290	2,049	107	1,826	51,272	4,914	16,928
1956	75,247	33,333	12,852	9,209	130,641	49,768	1,624	100	1,569	53,061	5,473	15,615
1957	71,864	34,065	14,872	19,682	140,483	43,754	1,718	98	1,340	46,910	4,793	13,558
1958	72,224	31,247	14,791	16,524	134,786	53,047	1,797	86	1,415	56,345	3,679	11,849
1959	81,902	27,758	14,869	15,406	139,935	51,716	1,457	60	1,586	54,819	2,932	15,117
1960	80,678	26,588	13,856	15,601	136,723	51,879	1,688	48	1,595	55,210	3,342	15,309
1961	65,405	23,886	12,806	10,955	113,082	51,571	1,543	46	1,589	54,749	2,514	15,634
1962	64,474	22,377	12,214	11,571	110,636	43,688	1,981	41	1,773	47,483	2,808	15,569
1963	68,317	21,308	11,236	13,326	114,187	45,506	1,588	45	1,771	48,910	3,172	14,212
1964	65,388	19,759	10,277	11,742	107,166	49,762	1,696	50	1,786	53,294	2,825	14,055
1965	64,565	18,479	9,144	13,029	105,217	49,560	1,469	(?)	1,793	52,822	2,775	13,615
1966	65,828	17,861	10,205	12,813	106,707	49,867	1,275	.....	1,967	53,109	2,576	9,552
1967	69,978	16,017	9,177	14,999	110,171	58,771	1,071	.....	1,970	61,812	1,975	7,997
1968	64,603	17,533	9,709	13,995	105,840	55,262	1,014	.....	2,353	58,629	2,098	10,160
1969 <sup>3</sup>	63,188	18,003	9,388	13,463	104,042	47,555	1,384	.....	2,128	51,017	2,704	11,075

  

Year	Hay, all	Sorghum		Sweet-dlover seed	Timothy seed	Beans, dry edible	Peas, dry field	Soy-beans for beans	Cow-peas for peas	Pea-nuts harvested for nuts	Total, 5 annual legumes
		Forage	Silage								
1954	73,721	5,053	1,359	266.1	251.0	1,533	259	17,047	267	1,387	20,493
1955	74,956	6,142	1,758	254.3	318.5	1,502	300	18,620	343	1,069	22,434
1956	72,292	6,136	1,463	220.0	206.5	1,423	366	20,820	211	1,384	24,004
1957	71,912	3,991	1,989	187.6	277.0	1,379	294	20,857	188	1,481	24,199
1958	70,547	2,118	1,418	149.1	191.5	1,616	223	23,993	179	1,516	27,527
1959	66,266	2,265	1,347	136.4	317.5	1,435	348	22,631	188	1,435	26,037
1960	67,313	2,163	1,386	130.5	288.0	1,400	301	23,655	140	1,395	26,891
1961	67,376	1,701	1,305	93.5	164.0	1,414	336	27,003	127	1,398	30,278
1962	67,563	1,960	1,227	110.5	156.5	1,414	343	27,605	129	1,400	30,894
1963	66,428	2,365	1,273	137.2	161.0	1,370	315	28,615	125	1,396	31,821
1964	67,375	2,809	1,200	120.8	202.5	1,388	297	30,793	89	1,397	33,964
1965	67,684	2,376	1,195	77.6	196.5	1,484	223	34,449	102	1,435	37,693
1966	65,140	2,064	1,089	73.0	221.5	1,486	239	36,546	87	1,418	39,776
1967	64,667	2,381	1,031	57.4	181.5	1,211	234	39,767	93	1,402	42,707
1968	62,693	2,617	902	45.8	134.5	1,434	244	41,104	(?)	1,436	44,218
1969 <sup>3</sup>	61,838	2,811	766	51.0	159.0	1,481	288	40,857	.....	1,448	44,074

  

Year	Potatoes	Sweet-potatoes	Commercial vegetables		Tobacco	Sugar-beets	Sorghum for sirup	Sugar-cane, all	Broom-corn	59 crops harvested <sup>6</sup>	Fruits and nuts (bearing acreage) <sup>7</sup>
			For processing <sup>4</sup>	For fresh market <sup>5</sup>							
1954	1,412.6	332.1	1,708	2,076	1,667.5	876	43	329.3	260	338,184	2,982.9
1955	1,405.0	341.6	1,694	2,027	1,495.4	740	46	302.9	315	331,902	2,946.7
1956	1,371.0	275.8	1,812	1,978	1,363.5	785	35	271.2	202	316,244	2,893.0
1957	1,359.0	273.8	1,741	1,945	1,121.8	878	31	291.1	273	315,564	2,851.1
1958	1,428.4	255.5	1,630	1,952	1,077.9	891	29	288.2	192	315,712	2,809.0
1959	1,330.7	256.6	1,572	1,860	1,152.8	905	23	332.5	169	316,331	2,806.6
1960	1,386.2	190.7	1,568	1,813	1,141.5	957	(1)	342.5	143	315,818	2,818.2
1961	1,480.2	183.2	1,718	1,738	1,174.4	1,077	.....	369.9	152	294,334	2,811.1
1962	1,347.1	202.6	1,715	1,698	1,224.1	1,103	.....	410.3	163	285,830	2,854.5
1963	1,323.0	170.8	1,605	1,701	1,175.7	1,235	.....	473.6	178	289,928	2,785.8
1964	1,271.9	151.2	1,605	1,666	1,077.8	1,395	.....	576.2	159	290,462	2,800.2
1965	1,383.5	168.5	1,645	1,644	976.9	1,248	.....	511.1	176	290,958	2,850.6
1966	1,464.0	156.8	1,807	1,614	973.9	1,161	.....	515.7	128	287,725	2,887.7
1967	1,457.3	146.6	1,940	1,635	959.8	1,122	.....	516.7	108	300,446	2,958.7
1968	1,377.6	149.0	2,012	1,636	880.2	1,410	.....	493.8	111	295,099	3,036.1
1969 <sup>3</sup>	1,403.8	147.3	1,723	1,628	921.9	1,575	.....	415.0	106	286,124	3,106.4

See footnotes on page 444.



Table 645.—Crops: Acreage, production, and farm value, United States, 1967–69<sup>1</sup>

Crop	Acreage planted			Acreage harvested			Production			Farm value			
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	Unit	1967	1968	1969 <sup>3</sup>	1967	1968	1969 <sup>3</sup>
	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	1,000 dollars
Corn, all	71,093	65,126	64,257	69,978	64,603	63,188							
Corn, grain				60,557	55,880	54,573	Bushel	4,760,076	4,393,273	4,577,864	4,939,670	4,763,061	5,178,781
Corn, forage				1,078	890	861							
Corn, silage				8,343	7,833	7,754	Ton	94,116	92,059	96,312			
Wheat, all	<sup>3</sup> 67,796	<sup>3</sup> 62,486	<sup>3</sup> 54,312	58,771	55,262	47,555	Bushel	1,522,382	1,576,251	1,458,372	2,110,197	1,951,515	1,786,156
Winter	<sup>4</sup> 54,127	<sup>4</sup> 49,267	<sup>4</sup> 43,120	45,406	42,428	36,696	do	1,206,808	1,235,063	1,147,646	1,639,864	1,482,694	1,361,914
Durum	2,826	3,679	3,406	2,754	3,570	3,358	do	66,443	99,501	106,319	112,101	148,191	144,816
Other spring	10,843	9,540	7,786	10,611	9,264	7,521	do	249,131	241,687	204,907	358,232	320,630	279,426
Oats	<sup>3</sup> 20,646	<sup>3</sup> 23,166	<sup>3</sup> 23,636	16,017	17,533	18,003	do	789,196	939,228	949,874	525,257	569,114	552,923
Barley	<sup>3</sup> 10,002	<sup>3</sup> 10,477	<sup>3</sup> 10,168	9,177	9,709	9,388	do	372,898	422,959	417,156	368,511	381,227	370,429
Rye	<sup>3</sup> 3,663	<sup>3</sup> 3,454	<sup>3</sup> 4,070	1,071	1,014	1,334	do	24,154	23,365	31,405	26,153	24,016	31,298
Flaxseed	<sup>3</sup> 2,061	<sup>3</sup> 2,138	<sup>3</sup> 2,762	1,975	2,098	2,704	do	20,036	27,067	36,448	59,099	75,930	95,999
Rice	1,982	2,367	2,141	1,970	2,353	2,128	Cwt	89,379	104,075	91,303	443,995	520,888	449,162
Popcorn	182	198	190	162	185	181	Pound	434,942	466,348	538,435	13,071	13,001	13,852
Sorghum grain				14,999	13,995	13,463	Bushel	755,936	739,695	743,124	744,666	699,188	795,626
Sorghum forage				2,381	2,617	2,811	Ton	4,158	5,269	( <sup>5</sup> )	69,676	91,247	( <sup>5</sup> )
Sorghum silage				1,031	902	766	Ton	10,182	9,707	8,984			
Cotton lint	9,448	10,912	11,898	7,997	10,160	11,075	Bale	7,458	10,948	10,015	953,820	1,212,021	1,038,964
Cottonseed							Ton	3,210	4,640	4,186	177,406	234,492	172,030
Hay, all				64,667	62,693	61,838	Ton	126,300	125,522	127,127	2,896,858	2,854,573	2,960,495
Seed crops:													
Alfalfa				473	550	504	Pound	113,419	115,843	105,635	46,454	43,650	38,706
Red clover				499	498	453	do	45,085	41,320	42,628	11,719	12,550	15,007
Sweetclover				57	46	51	do	12,841	9,357	10,695	819	783	998
White clover				10	5	10	do	2,164	840	2,067	935	520	1,157
Ladino clover				12	12	16	do	3,600	3,688	4,880	2,250	2,618	3,416
Lespedeza				197	172	181	do	38,032	38,260	43,064	5,762	6,265	6,874
Timothy				182	134	159	do	28,610	20,218	26,400	1,662	1,759	2,216
Orchardgrass				31	32	33	do	6,880	6,510	8,300	1,051	1,275	1,659
Tall fescue (Ky. 31 and Alta)				205	229	259	do	49,899	56,217	64,299	4,290	5,897	9,188
Crimson clover				30	29	28	do	8,082	7,274	7,400	1,781	1,677	1,700
Hairy vetch				74	56	54	do	13,862	9,020	9,752	1,170	991	1,401
All ryegrass				128	134	147	do	136,960	163,480	173,460	8,902	12,915	14,050
Beans, dry edible	1,290	1,484	1,539	1,211	1,434	1,481	Cwt <sup>6</sup>	15,177	17,389	18,795	140,727	142,484	143,675
Peas, dry field	244	254	300	234	244	288	Cwt	3,623	3,725	4,815	16,879	17,947	21,956
Soybeans for beans	40,776	42,037	42,088	39,767	41,104	40,857	Bushel	976,060	1,103,129	1,116,876	2,432,564	2,679,210	2,580,029
Peanuts harvested for nuts	1,472	1,493	1,504	1,402	1,436	1,448	Pound	2,473,385	2,542,841	2,523,399	282,661	302,258	312,342
Potatoes	1,497	1,410	1,448	1,457	1,378	1,404	Cwt	305,334	294,192	307,229	565,793	652,729	616,320
Sweetpotatoes	149	151	154	147	149	147	Cwt	13,658	13,763	13,958	61,204	66,526	62,342
Tobacco				960	880	922	Pound	1,967,911	1,710,398	1,806,656	1,315,500	1,188,644	1,296,781
Sugarcane for sugar and seed				628	606	532	Ton	26,511	24,825	22,592	714,438	712,755	7112,598
Sugarcane sirup				6	7	( <sup>6</sup> )	Gallon	2,346	2,661	( <sup>5</sup> )	2,962	3,294	( <sup>5</sup> )

See footnotes at end of table.

CROP ACREAGE, PRODUCTION, AND VALUE

Table 645.—Crops: Acreage, production, and farm value, United States, 1967-69<sup>1</sup>—Continued

Crop	Acreage planted			Acreage harvested			Production				Farm value		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>	Unit	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	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	1,000 dollars
Sugarbeets	1,197	1,476	1,650	1,122	1,410	1,575	Ton	19,197	25,363	28,518	260,114	350,207	367,882
Maple sirup							Gallon	<sup>8</sup> 979	<sup>8</sup> 983	<sup>8</sup> 1,032	5,213	5,391	6,303
Broomcorn	131	131	129	108	111	106	Ton	15	17	17	6,158	7,001	6,641
Hops							Pound	49,498	43,733	41,763	22,701	20,659	21,305
Apples, commercial crop							do	5,394,900	5,441,900	6,721,800	299,769	332,236	274,717
Peaches							do	2,684,900	3,590,700	3,665,400	161,155	186,260	184,451
Pears							Ton	452	618	712	73,918	83,231	73,122
Grapes							Ton	3,062	3,549	3,903	212,492	235,827	273,110
Cherries							Ton	198	228	278	74,973	81,500	66,881
Apricots							Ton	148	149	231	23,588	27,539	33,543
Plums (California)							Ton	95	106	67	17,100	18,868	15,879
Prunes, dried (California)							Ton	164	153	130	45,264	46,053	
Prunes and plums, fresh basis (excluding California)							Ton	73	40	90	7,958	5,859	8,981
Figs <sup>9</sup>							Ton	42	52	55	3,698	4,484	4,864
Nectarines							Ton	55	64	66	8,635	9,408	9,240
Olives							Ton	14	86	70	5,362	31,648	23,030
Dates							Ton	21	23	17	3,141	3,749	2,770
Avocados <sup>10</sup>							Ton	52	74		19,968	21,316	
Cranberries				21	21	21	Barrel	1,404	1,468	1,768	21,823	24,227	29,693
Strawberries	68.9	63.6	58.1	67.0	62.6	57.4	Pound	473,626	522,940	485,676	97,021	111,452	109,673
Oranges <sup>11</sup>							Box	182,910	124,570	183,880	337,506	384,055	479,418
Grapefruit <sup>11</sup>							Box	55,676	44,058	54,170	76,559	111,424	83,136
Lemons <sup>11</sup>							Box	17,910	16,850	15,810	58,685	64,874	67,655
Limes <sup>11</sup>							Box	420	720	700	2,692	3,218	3,150
Pecans							Pound	231,900	192,500	235,600	78,025	72,093	70,694
Walnuts							Ton	76,400	95,600	102,500	42,640	61,744	48,385
Almonds							Ton	76,600	74,500	122,000	44,581	44,476	72,834
Filberts							Ton	7,540	7,600	7,300	3,712	3,938	4,089
Commercial vegetables:													
Artichokes	9.6	9.6	10.1	9.6	9.6	10.1	Cwt	730	576	656	6,472	5,772	6,933
Asparagus <sup>12</sup>	129.2	125.4	125.1	129.1	125.4	123.8	Cwt	3,041	3,235	2,917	54,150	60,840	57,451
Beans, green lima <sup>12</sup>	116.8	121.3	88.7	108.2	115.2	82.8	Ton	<sup>13</sup> 122.9	<sup>13</sup> 121.6	<sup>13</sup> 97.7	23,915	25,413	17,533
Beans, snap <sup>12</sup>	396.5	386.0	346.5	372.2	362.2	327.5	Ton	826.6	804.2	733.6	108,450	107,161	99,220
Beets <sup>12</sup>	22.4	24.0	18.8	20.4	23.0	17.8	Ton	221.0	281.2	215.8	5,428	7,653	4,728
Broccoli	43.5	43.8	37.6	43.4	43.0	36.4	Cwt	2,782	3,080	2,304	24,696	27,497	24,162
Brussels sprouts	6.9	6.9	6.8	6.6	6.8	6.6	Cwt	685	638	627	7,874	7,427	7,180
Cabbage <sup>12</sup>	121.5	113.7	117.9	115.1	107.5	111.7	Cwt	24,600	23,624	22,636	59,317	66,106	63,743
Cantaloups	112.4	122.0	130.7	108.7	116.8	125.9	Cwt	12,552	13,535	13,725	78,407	78,261	77,021
Carrots	83.7	76.0	82.6	81.3	72.6	80.4	Cwt	17,724	19,346	18,275	74,595	83,498	84,097
Cauliflower	26.6	28.4	27.3	26.0	27.3	26.2	Cwt	2,428	2,729	2,549	21,584	24,200	24,694

Celery	34.4	34.4	34.0	32.4	32.6	32.6	Cwt.	14,512	15,295	15,291	68,889	71,309	82,934
Corn, sweet <sup>12</sup>	713.6	748.3	661.1	661.2	700.7	631.7	Ton.	2,757.8	3,099.0	2,708.3	116,084	128,447	113,788
Cucumbers <sup>12</sup>	219.5	218.2	195.7	205.4	199.8	181.6	Ton.	844.6	777.9	741.8	86,032	82,835	80,568
Eggplant	3.9	3.2	3.8	3.8	3.2	3.7	Cwt.	575	453	529	3,759	4,750	4,570
Escarole	10.0	9.0	10.3	9.4	7.8	9.5	Cwt.	1,122	1,066	1,097	6,965	8,107	8,180
Garlic	4.4	6.4	7.5	4.4	6.4	7.3	Cwt.	506	800	840	5,120	7,192	7,160
Honeydew melons	11.5	11.1	14.4	11.3	10.3	13.8	Cwt.	1,577	1,379	1,874	9,186	9,305	10,992
Kale	1.1	1.0	( <sup>5</sup> )	1.1	1.0	( <sup>5</sup> )	Cwt.	72	70	( <sup>5</sup> )	626	602	( <sup>5</sup> )
Lettuce	227.3	229.0	242.3	221.1	221.0	227.8	Cwt.	42,630	44,130	44,457	213,192	199,276	241,041
Onions	109.2	115.2	108.4	102.9	106.5	100.4	Cwt.	28,562	28,849	28,017	104,017	92,618	95,986
Peas, green <sup>12</sup>	489.3	502.2	445.0	460.0	454.1	407.6	Ton.	<sup>13</sup> 591.9	<sup>13</sup> 582.9	<sup>13</sup> 524.7	65,128	63,154	55,746
Peppers, green	52.2	55.8	56.0	47.3	52.6	52.8	Cwt.	4,351	4,933	4,678	46,101	51,712	51,441
Shallots	1.0	1.1	( <sup>5</sup> )	1.0	1.0	( <sup>5</sup> )	Cwt.	32	37	( <sup>5</sup> )	394	444	( <sup>5</sup> )
Spinach <sup>12</sup>	50.1	43.8	40.1	43.4	39.2	35.6	Ton.	201.3	194.4	169.9	15,037	14,799	12,996
Tomatoes <sup>12</sup>	487.9	526.4	432.1	476.3	516.5	420.5	Ton.	6,216.8	7,948.4	5,910.5	418,027	507,557	394,822
Watermelons	287.0	301.8	295.0	272.8	286.1	276.5	Cwt.	27,735	27,611	26,307	58,239	51,844	54,084
Peppermint	65.1	74.7	78.6	64.2	73.8	77.8	Pound	4,571	4,103	4,632	25,289	21,125	22,095
Spearmint	21.3	23.3	27.4	21.1	23.0	27.0	do.	1,632	1,383	1,752	8,971	7,807	8,442
Total 59 crops <sup>14</sup>				300,446	295,099	286,124					21,922,291	<sup>15</sup> 22,602,181	<sup>15</sup> 22,619,303
Total 78 crops <sup>14</sup>													

<sup>1</sup> Alaska and Hawaii included in commercial vegetables and in acreage and production of sugarcane, but excluded from other crops. Total of 59 crops harvested does not include Alaska and Hawaii.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes acreage seeded in preceding fall.

<sup>4</sup> Acreage seeded in preceding fall.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Clean basis.

<sup>7</sup> Does not include Hawaii.

<sup>8</sup> Includes sirup later made into sugar. Does not include production in nonfarm lands in Somerset County, Maine.

<sup>9</sup> Fresh basis.

<sup>10</sup> Year of bloom.

<sup>11</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is included with other crops on a harvested basis, beginning in the 1968 edition; former editions included production in the year of bloom.

<sup>12</sup> For breakdown between fresh market and processing, see individual crop tables.

<sup>13</sup> Shelled basis. For lima beans, 2 pounds in the shell produce approximately 1 pound of shelled beans; for green peas,  $2\frac{1}{2}$  pounds in the shell produce approximately 1 pound of shelled peas.

<sup>14</sup> Includes crops listed in footnote 5, table 644. Farm value also includes apples (commercial crop), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons, limes, plums, all prunes, apricots, figs, olives, almonds, walnuts, pecans, maple sirup, and hops.

<sup>15</sup> Total values do not include revisions made for some commodities after December 1969.

Statistical Reporting Service.

Table 646.—Principal crops: Harvested acreage and value of production, by States, 1967-69

State and division	Harvested acreage of 59 crops (excluding duplications) <sup>1</sup>			Farm value of 78 crops <sup>3</sup>		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars
Maine	552	543	520	70,834	88,405	75,058
New Hampshire	161	151	145	11,837	11,115	10,433
Vermont	652	616	593	31,079	29,731	30,811
Massachusetts	207	196	186	46,077	47,863	48,400
Rhode Island	27	25	23	5,022	4,345	4,775
Connecticut	187	183	170	47,185	44,340	41,598
New York	4,546	4,365	4,266	384,302	370,208	367,245
New Jersey	544	516	478	116,848	109,862	105,341
Pennsylvania	4,546	4,405	4,322	342,655	311,369	336,131
Ohio	9,591	9,116	8,628	622,288	673,582	646,341
Indiana	11,063	10,631	10,353	774,342	823,698	879,955
Illinois	21,302	20,691	20,138	1,826,005	1,717,223	1,808,701
Michigan	6,328	6,069	5,716	458,736	470,444	459,594
Wisconsin	9,306	9,193	9,032	529,267	558,534	529,555
Minnesota	18,625	18,183	17,250	942,187	999,764	956,692
Iowa	21,807	20,444	19,743	1,578,780	1,632,893	1,618,932
Missouri	11,960	11,794	10,672	647,062	755,049	643,444
North Dakota	18,786	18,454	17,488	531,842	587,836	582,889
South Dakota	14,988	14,357	13,649	420,805	429,624	427,744
Nebraska	16,688	15,725	15,678	792,163	774,759	946,217
Kansas	20,228	19,252	19,048	702,227	738,805	822,948
Delaware	527	496	480	45,695	33,058	43,816
Maryland	1,518	1,489	1,452	141,286	129,009	141,481
Virginia	2,725	2,679	2,620	299,881	285,922	311,046
West Virginia	743	728	718	52,914	49,862	49,087
North Carolina	4,382	4,228	4,093	858,686	733,782	842,485
South Carolina	2,341	2,324	2,295	287,742	224,324	260,876
Georgia	3,889	3,881	3,817	467,264	388,991	406,530
Florida	1,408	1,371	1,343	685,379	798,264	828,692
Kentucky	3,784	3,732	3,674	510,466	506,011	522,927
Tennessee	3,945	4,037	4,049	296,814	300,924	316,703
Alabama	2,665	2,726	2,730	192,434	200,149	208,720
Mississippi	4,781	4,911	4,818	405,559	439,855	368,286
Arkansas	6,843	7,104	7,066	511,250	555,818	536,055
Louisiana	3,270	3,547	3,527	389,253	420,125	343,015
Oklahoma	8,945	9,065	8,257	319,469	340,311	340,459
Texas	19,062	20,530	19,854	1,250,042	1,424,327	1,233,234
Montana	8,653	8,244	8,144	298,951	289,134	296,023
Idaho	3,985	3,932	3,927	358,788	381,253	387,682
Wyoming	1,888	1,822	1,780	76,063	71,651	75,112
Colorado	5,225	5,513	5,897	263,589	276,579	295,184
New Mexico	1,061	1,224	1,117	112,149	112,461	107,354
Arizona	1,068	1,128	1,108	264,752	288,294	293,540
Utah	1,104	1,095	1,070	80,943	72,574	74,302
Nevada	455	392	467	26,351	20,718	28,532
Washington	4,554	4,482	4,419	501,429	461,606	418,227
Oregon	2,812	2,646	2,705	254,036	217,433	251,514
California	6,719	6,860	6,595	2,089,563	2,400,279	2,295,617
United States	300,446	295,099	286,124	21,922,291	22,602,181	22,619,303

<sup>1</sup> Includes crops listed in footnote 6, table 644.<sup>2</sup> Preliminary.<sup>3</sup> Includes crops listed in footnote 5 of table 644, and the following additional crops: Apples (commercial crop), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons, limes, plums, prunes, apricots, figs, olives, almonds, walnuts, pecans, maple products, and hops.

Statistical Reporting Service.

**Table 647.—Harvested crops: Acreage required for specified purposes, United States, 1954–69**

Year	Crops harvested <sup>1</sup>	Acreage used for producing—			Total population July 1 <sup>4</sup>	Year	Crops harvested <sup>1</sup>	Acreage used for producing—			Total population July 1 <sup>4</sup>
		Ex- port prod- ucts <sup>2</sup>	Products for domestic use <sup>3</sup>					Ex- port prod- ucts <sup>2</sup>	Products for domestic use <sup>3</sup>		
			Total	Per capita					Total	Per capita	
	Million acres	Million acres	Million acres	Acres	Millions		Million acres	Million acres	Million acres	Acres	Millions
1954	346	37	309	1.91	162	1954	295	66	229	1.23	186
1955	340	47	293	1.78	165	1955	300	77	223	1.18	189
1956	324	60	264	1.57	168	1956	301	74	227	1.19	191
1957	324	48	276	1.61	171	1957	298	76	222	1.14	194
1958	324	44	280	1.61	174	1958	295	69	226	1.15	196
1959	324	61	263	1.49	177	1959	308	69	239	1.21	198
1960	324	64	260	1.44	180	1960	303	54	249	1.24	200
1961	303	67	236	1.29	183	1961 <sup>5</sup>	294	58	236	1.17	202

<sup>1</sup> Area in 59 principal crops harvested as reported by Statistical Reporting Service, plus acreages in fruits, tree nuts, and farm gardens.  
<sup>2</sup> Acreages for exports relate to exports for year beginning July 1, or month representing beginning of crop season. Acreage includes seeds for crops and feed for livestock that are exported.  
<sup>3</sup> Includes feed used by horses and mules.  
<sup>4</sup> Includes persons in our military forces in this country and abroad.  
<sup>5</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 660.

**Table 648.—Livestock and livestock products: Production and value, United States, 1967–69**

Product	Production <sup>1</sup>			Value of production		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
Cattle and calves	35,932,105	36,367,957	36,987,604	8,076,741	8,579,704	9,825,218
Sheep and lambs	1,142,891	1,130,250	1,032,554	229,628	250,708	259,070
Hogs	20,634,452	21,102,218	20,359,816	3,895,668	3,910,010	4,508,159
Chickens <sup>3</sup>	10,432,375	10,489,848	11,255,508	1,321,866	1,422,316	1,648,445
Turkeys	2,342,801	2,009,432	2,024,299	457,602	412,883	453,499
Milk	118,769,000	117,234,000	116,200,000	6,008,175	6,205,610	6,413,237
Wool (shorn)	188,919	177,591	165,825	75,163	71,867	69,580
Mohair	27,127	26,022	21,203	11,100	11,754	13,808
Eggs	70,031,000	69,270,000	68,925,000	1,820,008	1,958,807	2,293,980

<sup>1</sup> 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.  
<sup>2</sup> Preliminary.  
<sup>3</sup> Including commercial broiler production.

Statistical Reporting Service.

**Table 649.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1954-69**

[1957-59=100]

Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>
1954	91	1960	105	1966	106
1955	94	1961	106	1967	107
1956	96	1962	107	1968	108
1957	96	1963	108	1969 <sup>2</sup>	108
1958	103	1964	107		
1959	101	1965	110		

<sup>1</sup> Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 653 by the index of total input in table 652.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 662.

**Table 650.—Total farm commodities: Supply-utilization index by components, United States, 1954-69<sup>1</sup>**

[1957-59=100]

Year	Supply			Utilization					Exports and shipments <sup>6</sup>
	Net production	Net imports <sup>2</sup>	Stocks <sup>3</sup>	Total annual net utilization	Domestic use			Total	
					Food		Net nonfood <sup>5</sup>		
					Civilian	Military <sup>4</sup>			
1954	94.0	82.7	85.0	90.7	92.7	125.2	96.1	93.6	69.0
1955	97.6	89.5	91.2	94.7	96.3	111.0	102.7	97.3	75.2
1956	99.9	93.1	97.2	100.1	99.3	112.4	105.3	100.3	98.5
1957	97.9	92.7	98.6	100.1	98.9	101.6	97.9	98.8	110.0
1958	101.1	95.7	97.1	97.9	98.8	99.9	96.7	98.5	92.8
1959	101.0	111.6	104.3	102.0	102.3	98.5	105.4	102.7	97.2
1960	105.8	100.8	107.6	104.9	102.2	92.4	101.0	102.7	121.4
1961	104.8	105.8	111.3	106.9	105.4	101.6	101.4	104.8	122.7
1962	106.6	114.1	111.3	108.8	106.7	105.6	110.5	107.2	121.0
1963	111.2	115.8	112.4	111.9	109.8	102.2	102.5	108.8	135.4
1964	111.8	105.3	115.4	116.7	112.1	113.3	106.7	111.5	155.9
1965	116.3	107.0	109.8	115.9	112.2	127.6	112.4	112.4	141.7
1966	111.9	115.6	112.3	118.9	114.1	138.9	114.8	114.5	151.3
1967	119.1	114.3	105.2	119.7	117.9	140.9	108.4	117.1	139.6
1968	120.5	127.9	106.9	122.2	120.8	138.0	110.2	119.7	140.4
1969 <sup>7</sup>	120.3	116.2	109.3	121.4	122.9	115.7	106.0	120.7	126.8

<sup>1</sup> Quantities weighted by constant farm prices. Domestic use allocated on the basis of value of processed products. Net concept excludes domestic use of feed and seed to avoid double counting of livestock products. Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Includes shipments from U.S. Territories.

<sup>3</sup> Farm, commercial, and Government program holdings; excludes live animal inventory. Derived by applying annual changes to January 1961 level to avoid inconsistent coverage.

<sup>4</sup> Includes civilian feeding in occupied areas.

<sup>5</sup> Excludes feed and seed.

<sup>6</sup> Includes shipments to U.S. Territories.

<sup>7</sup> Preliminary.

Economic Research Service. Data for 1924-53 in *Agricultural Statistics, 1967*, table 663.

**Table 651.—Total farm commodities: Supply-utilization components as a percentage of total annual net utilization, United States, 1954-69<sup>1</sup>**

Year	Supply			Total annual net utilization	Utilization				
	Net production	Net imports <sup>2</sup>	Stocks <sup>3</sup>		Domestic use			Total	Exports and shipments <sup>6</sup>
					Food		Net nonfood <sup>5</sup>		
					Civilian	Military <sup>4</sup>			
Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	
1954	93.5	10.6	-4.1	100.0	77.5	2.0	11.6	91.1	8.9
1955	93.0	11.0	-4.0	100.0	77.1	1.7	11.9	90.7	9.3
1956	90.1	10.8	—	100.0	75.3	1.6	11.5	88.4	11.6
1957	88.4	10.7	-.9	100.0	75.0	1.4	10.7	87.1	12.9
1958	93.2	11.4	-4.6	100.0	76.6	1.5	10.8	88.9	11.1
1959	89.4	12.7	-2.1	100.0	76.1	1.4	11.3	88.8	11.2
1960	91.1	11.1	-2.2	100.0	74.7	1.2	10.5	86.4	13.6
1961	88.5	11.5	—	100.0	74.8	1.3	10.4	86.5	13.5
1962	88.4	12.2	-.6	100.0	74.4	1.4	11.1	86.9	13.1
1963	89.7	12.0	-1.7	100.0	74.5	1.3	10.0	85.8	14.2
1964	86.5	10.5	3.0	100.0	72.9	1.4	10.0	84.3	15.7
1965	90.7	10.7	-1.4	100.0	73.5	1.5	10.6	85.6	14.4
1966	85.0	11.3	3.7	100.0	72.9	1.6	10.6	85.1	14.9
1967	89.8	11.1	-.9	100.0	74.8	1.7	9.8	86.3	13.7
1968	89.1	12.1	-1.2	100.0	75.1	1.6	9.8	86.5	13.5
1969 <sup>7</sup>	89.4	11.1	-.5	100.0	76.9	1.3	9.5	87.7	12.3

<sup>1</sup> Quantities weighted by constant farm prices. Domestic use allocated on the basis of value of processed products. Net concept excludes domestic use of feed and seed to avoid double counting of livestock products. Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Includes inshipments from U.S. Territories.

<sup>3</sup> Farm, commercial, and Government program holdings; excludes live animal inventory. Data represent stock changes. Negatives indicate stock increases; positives signify withdrawals.

<sup>4</sup> Includes civilian feeding in occupied areas.

<sup>5</sup> Excludes feed and seed.

<sup>6</sup> Includes shipments to U.S. Territories.

<sup>7</sup> Preliminary.

Economic Research Service. Data for 1924-53 in *Agricultural Statistics, 1967*, table 664.

**Table 652.—Total farm input: Index numbers of farm input by major subgroups, United States, 1954-69**

[1957-59=100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Fertilizer and lime	Feed, seed, and livestock purchases <sup>1</sup>	Miscellaneous
1954	102	125	100	98	88	82	91
1955	102	120	100	99	90	86	94
1956	101	113	99	99	91	91	98
1957	99	104	100	100	94	93	95
1958	99	99	100	99	97	101	100
1959	102	97	100	101	109	106	105
1960	101	92	101	104	111	109	106
1961	101	88	101	101	117	111	109
1962	101	84	103	100	125	117	113
1963	104	81	104	104	141	123	117
1964	104	77	106	102	155	126	120
1965	104	73	106	105	162	127	120
1966	107	69	107	110	182	136	123
1967	110	68	107	114	204	144	128
1968	111	66	107	114	214	143	130
1969 <sup>2</sup>	112	64	107	115	224	148	133

<sup>1</sup> Nonfarm portion of seed, feed, and livestock purchases.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 665.

Table 653.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1954-69

[1957-59=100]

Year	Farm output	Livestock and products <sup>1</sup>				Crops									
		All livestock and products <sup>2</sup>	Meat animals <sup>3</sup>	Dairy products <sup>4</sup>	Poultry and eggs <sup>5</sup>	All crops <sup>6</sup>	Feed grains <sup>7</sup>	Hay and forage <sup>8</sup>	Food grains <sup>9</sup>	Vegetables <sup>10</sup>	Fruits and nuts <sup>11</sup>	Sugar crops <sup>12</sup>	Cotton <sup>13</sup>	Tobacco	Oil crops <sup>14</sup>
1954.....	93	96	98	98	87	93	81	92	88	93	99	95	111	130	71
1955.....	96	99	103	99	86	96	86	98	83	96	99	86	120	127	78
1956.....	97	99	100	101	94	95	85	94	87	102	103	86	108	126	92
1957.....	95	97	96	101	95	93	93	101	82	98	94	98	89	96	91
1958.....	102	99	98	100	101	104	101	102	121	102	102	96	93	100	111
1959.....	103	104	106	99	104	103	106	97	97	100	104	106	118	104	98
1960.....	106	102	103	101	104	108	109	103	115	102	98	102	116	112	104
1961.....	107	107	107	103	112	106	99	102	106	108	102	115	116	119	121
1962.....	108	108	109	104	112	107	100	106	98	106	103	119	121	134	122
1963.....	112	111	114	103	115	111	108	106	102	106	100	153	125	135	128
1964.....	111	114	117	105	119	108	95	107	114	101	101	155	124	129	128
1965.....	114	111	111	103	124	115	111	112	117	108	106	138	121	107	153
1966.....	113	114	116	100	132	111	110	110	118	109	108	137	78	109	164
1967.....	118	117	120	99	138	117	124	115	135	112	112	137	60	114	170
1968.....	120	117	122	98	135	120	118	115	142	115	104	159	89	99	192
1969 <sup>15</sup> .....	121	118	122	98	139	121	123	117	130	111	131	175	82	104	196

<sup>1</sup> Production of livestock and livestock products for human use, horses and mules excluded.<sup>2</sup> Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown.<sup>3</sup> Cattle and calves, sheep and lambs, and hogs.<sup>4</sup> Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms.<sup>5</sup> Chicken eggs, commercial broilers, chickens, and turkeys.<sup>6</sup> Includes farm gardens, production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown.<sup>7</sup> Corn for grain, oats, barley, and sorghum grain.<sup>8</sup> All hay, sorghum forage, corn silage, and sorghum silage.<sup>9</sup> All wheat, rye, buckwheat, and rice.<sup>10</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value.<sup>11</sup> Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years on year of bloom.<sup>12</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup.<sup>13</sup> Cotton lint and cottonseed.<sup>14</sup> Soybeans, peanuts harvested for nuts, peanuts hogged, flaxseed, and tung nuts.<sup>15</sup> Preliminary.Economic Research Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 666.Table 654.—Farm output: Index numbers by farming regions, <sup>1</sup> 1960-69

[1957-59=100]

Year	North-east	Lake States	Corn Belt	Northern Plains	Appalachian	South-east	Delta States	Southern Plains	Mountain	Pacific	United States
1960.....	103	102	106	114	106	108	110	111	101	102	106
1961.....	104	107	106	102	109	113	118	114	101	102	107
1962.....	99	104	107	113	112	116	119	107	103	106	108
1963.....	100	108	114	111	115	121	133	109	107	108	112
1964.....	100	105	109	110	114	118	139	111	105	112	111
1965.....	103	104	115	117	108	125	139	122	110	111	114
1966.....	98	107	115	121	104	121	130	111	110	113	113
1967.....	106	108	123	127	112	136	132	111	116	111	118
1968.....	100	111	122	133	106	123	149	124	121	118	120
1969 <sup>2</sup> .....	103	108	120	141	113	132	142	119	124	120	121

<sup>1</sup> For States included in regions, see table 688.<sup>2</sup> Preliminary.Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 667.



**Table 655.—Cropland used for crops: Index numbers by farming regions, <sup>1</sup> 1960-69**  
[1957-59=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1960.....	96	98	101	101	98	92	99	100	98	99	99
1961.....	94	97	92	96	93	88	99	96	97	98	95
1962.....	92	92	91	95	88	82	99	92	97	94	93
1963.....	92	95	93	97	87	84	101	94	97	96	94
1964.....	91	94	93	96	86	82	104	92	97	97	94
1965.....	89	94	94	96	85	78	105	93	99	97	94
1966.....	89	93	93	95	85	73	104	86	97	97	93
1967.....	90	96	98	98	94	79	116	88	99	98	96
1968.....	87	95	94	95	92	79	122	88	99	100	95
1969 <sup>2</sup> .....	86	90	90	96	91	78	120	89	100	99	94

<sup>1</sup> Cropland used for crops is the sum of the acreage of land from which one or more crops were harvested plus acreage of crop failure and summer fallow. For States included in regions, see table 688.

<sup>2</sup> Preliminary.

Economic Research Service.

**Table 656.—Crop production per acre of cropland used for crops: Index numbers by farming regions, <sup>1</sup> 1960-69**

[1957-59=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1960.....	107	104	105	113	108	117	111	111	103	103	109
1961.....	111	110	115	106	117	128	119	119	104	107	112
1962.....	108	113	118	119	127	141	120	116	106	114	115
1963.....	109	114	123	114	132	144	132	116	110	115	118
1964.....	110	112	117	115	133	144	134	121	108	119	115
1965.....	113	110	132	111	127	154	130	129	106	110	122
1966.....	104	119	132	122	119	148	115	116	105	112	119
1967.....	121	118	137	122	116	161	103	111	110	107	122
1968.....	115	126	143	136	109	135	116	133	115	114	126
1969 <sup>2</sup> .....	120	129	148	148	119	150	108	117	115	117	129

<sup>1</sup> For States included in regions, see table 688.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 669.

Table 657.—Production per man-hour: Index numbers, by groups of enterprises, United States, 1954-69<sup>1</sup>

[1957-59=100]

Year	Livestock and products					Crops									
	Farm output	All livestock and products	Meat animals	Milk cows	Poultry	All crops	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops
1954	74	80	91	77	67	73	62	77	61	80	103	75	73	88	71
1955	80	85	94	82	72	77	67	83	67	85	103	77	81	94	76
1956	86	89	96	88	82	83	75	87	72	92	103	85	84	100	86
1957	91	92	96	93	87	90	86	92	82	95	96	96	91	96	90
1958	103	100	99	100	102	105	101	102	113	100	101	97	101	102	106
1959	106	108	105	107	111	105	113	106	105	105	103	107	108	102	104
1960	115	113	108	116	124	115	125	112	125	107	103	113	116	108	109
1961	122	123	114	124	138	118	139	116	115	112	109	117	125	110	117
1962	129	130	120	132	149	124	154	118	120	112	120	119	149	117	120
1963	138	140	127	141	164	132	169	120	120	116	120	140	160	121	121
1964	144	152	134	154	183	135	170	123	131	115	126	129	180	124	116
1965	156	159	139	163	197	151	198	127	134	120	131	128	209	118	130
1966	164	170	145	175	213	154	200	129	139	120	135	132	211	121	132
1967	174	183	152	190	226	162	218	132	134	120	138	144	207	125	129
1968	182	192	161	204	237	169	223	134	146	121	135	162	270	122	143
1969 <sup>2</sup>	189	203	167	218	253	170	237	136	151	122	156	177	241	122	147

<sup>1</sup> Index of farm production (see table 653) divided by the appropriate index of man-hours of labor (for absolute number of man-hours, see table 680).

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 670.

Table 658.—Farm output per man-hour: Index numbers, by farming regions, 1960-69<sup>1</sup>

[1957-59=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1960	114	112	118	127	114	112	118	121	111	107	115
1961	120	122	125	121	120	123	130	130	115	110	122
1962	121	125	134	135	126	127	147	134	121	118	129
1963	130	135	148	137	132	138	162	145	129	123	138
1964	137	138	151	143	142	146	181	156	131	130	144
1965	147	144	169	158	148	160	199	177	139	134	156
1966	148	157	177	168	146	161	206	182	145	135	164
1967	166	164	192	174	162	179	220	179	151	137	174
1968	167	176	203	190	163	176	253	203	159	142	182
1969 <sup>2</sup>	178	180	211	207	174	186	249	192	161	146	189

<sup>1</sup> Index of farm output (see table 654) divided by index of man-hours of labor used on farms (for absolute number of man-hours of labor used on farms in the United States, see table 680).

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 671.

**Table 659.—Selected crops: Man-hours per unit of production and related factors, United States, indicated periods, 1910-69<sup>1</sup>**

Crop and item	1910-14	1925-29	1935-39	1945-49	1955-59	1965-69 <sup>2</sup>
<b>Corn for grain:</b>						
Man-hours per acre.....	35.2	30.3	28.1	19.2	9.9	5.8
Yield-bushels.....	26.0	26.3	26.1	36.1	48.7	77.4
Man-hours per 100 bushels.....	135	115	108	53	20	7
<b>Sorghum grain:</b>						
Man-hours per acre.....		17.5	13.1	8.8	5.9	4.2
Yield-bushels.....		16.8	12.8	17.8	29.2	53.1
Man-hours per 100 bushels.....		104	102	49	20	8
<b>Wheat:</b>						
Man-hours per acre.....	15.2	10.5	8.8	5.7	3.8	2.9
Yield-bushels.....	14.4	14.1	13.2	16.9	22.3	27.5
Man-hours per 100 bushels.....	106	74	67	34	17	11
<b>Hay:</b>						
Man-hours per acre.....	11.9	12.0	11.3	8.4	6.0	5.7
Yield-ton.....	1.15	1.22	1.24	1.35	1.61	1.94
Man-hours per ton.....	10.3	9.8	9.1	6.2	3.7	3.0
<b>Potatoes:</b>						
Man-hours per acre.....	76.0	73.1	69.7	68.5	53.1	45.1
Yield-cwt.....	59.8	68.4	70.3	117.8	178.1	212.3
Man-hours per ton.....	25	21	20	12	6	4
<b>Sugarbeets:</b>						
Man-hours per acre.....	128	109	98	85	51	33
Yield-ton.....	10.6	10.9	11.6	13.6	17.4	17.6
Man-hours per ton.....	12.1	10.0	8.4	6.3	2.9	1.9
<b>Cotton:</b>						
Man-hours per acre.....	116	96	99	83	66	30
Yield-pounds.....	201	171	226	273	428	485
Man-hours per bale.....	276	268	209	146	74	30
<b>Tobacco:</b>						
Man-hours per acre <sup>3</sup> .....	356	370	415	460	475	489
Yield-pounds.....	816	772	886	1,176	1,541	1,957
Man-hours per 100 pounds.....	44	48	47	39	31	25
<b>Soybeans:</b>						
Man-hours per acre <sup>3</sup> .....		15.9	11.8	8.0	5.2	4.8
Yield-bushels.....		12.6	18.5	19.6	22.7	25.8
Man-hours per 100 bushels.....		126	64	41	23	19

<sup>1</sup> Man-hours per acre harvested, including preharvest work on acreages abandoned, grazed, and turned under.

<sup>2</sup> Preliminary.

<sup>3</sup> Per acre planted and harvested.

Economic Research Service.

**Table 660.—Livestock: Man-hours per unit of production and related factors, United States, indicated periods, 1910-69<sup>1</sup>**

Kind of livestock and item	1910-14	1925-29	1935-39	1945-49	1955-59	1965-69 <sup>1</sup>
<b>Milk cows:</b>						
Man-hours per cow.....	146	145	148	129	109	78
Milk per cow (pounds).....	3,842	4,437	4,401	4,992	6,307	8,732
Man-hours per cwt. of milk.....	3.8	3.3	3.4	2.6	1.7	.9
<b>Cattle other than milk cows:</b>						
Man-hours per cwt. of beef produced <sup>2,3</sup> .....	4.6	4.3	4.2	4.0	3.2	2.1
<b>Hogs:</b>						
Man-hours per cwt. produced <sup>3</sup> .....	3.6	3.3	3.2	3.0	2.4	1.4
<b>Chickens (laying flocks and eggs):</b>						
Man-hours per 100 layers.....		218	221	240	175	98
Rate of lay.....		117	129	161	200	219
Man-hours per 100 eggs produced.....		1.9	1.7	1.5	.9	.4
<b>Chickens (farm raised):</b>						
Man-hours per 100 birds.....	33	32	30	29	23	14
Man-hours per cwt. produced <sup>3</sup> .....	9.5	9.4	9.0	7.7	6.7	3.6
<b>Chickens (broilers):</b>						
Man-hours per 100 birds.....			25	16	4	2
Man-hours per cwt. produced <sup>3</sup> .....			8.5	5.1	1.3	.5
<b>Turkeys:</b>						
Man-hours per cwt. produced <sup>3</sup> .....	31.4	28.5	23.7	13.1	4.4	1.3

<sup>1</sup> Preliminary.

<sup>2</sup> Production includes beef produced as a byproduct of the milk cow enterprise.

<sup>3</sup> Live weight production.

Economic Research Service.

**Table 661.—Industrial production and income: Index numbers of production in selected lines and production workers weekly payroll index, United States, 1954-69**

[1957-59=100]

Year	Industrial production					Production worker weekly payroll index	Year	Industrial production					Production worker weekly payroll index
	Total	Manufactures	Durable manufactures	Non-durable manufactures	Mining			Total	Manufactures	Durable manufactures	Non-durable manufactures	Mining	
1954.....	85.8	86.3	88.4	83.6	90.2	85.4	1962....	118.3	118.7	117.9	119.8	105.0	113.8
1955.....	96.6	97.3	101.9	91.6	99.2	94.8	1963....	124.3	124.9	124.5	125.3	107.9	117.9
1956.....	99.9	100.2	104.0	95.4	104.8	100.2	1964....	132.3	133.1	133.5	132.6	111.3	124.3
1957.....	100.7	100.8	104.0	96.7	104.6	101.4	1965....	143.4	145.0	148.4	140.8	114.8	136.6
1958.....	93.7	93.2	90.3	96.8	95.6	93.5	1966....	156.3	158.6	164.8	150.8	120.5	151.7
1959.....	105.6	106.0	105.6	106.5	99.7	105.1	1967....	158.1	159.7	163.7	154.6	123.8	155.1
1960.....	108.7	108.9	108.5	109.5	101.6	106.7	1968....	165.5	166.9	169.8	163.3	126.6	167.8
1961.....	109.7	109.6	107.0	112.9	102.6	105.4	1969 <sup>1</sup> ..	172.8	173.9	176.5	170.6	130.0	180.2

<sup>1</sup> Preliminary.

Economic Research Service. Production indexes compiled from reports of Federal Reserve System; payroll index compiled from reports of the U.S. Department of Labor. Data for 1929-53 in *Agricultural Statistics, 1967*, table 674.

**Table 662.—Productivity of farmworker: Persons supplied farm products by one farmworker and related factors, United States, selected years, 1954-69**

Year	Persons supplied per farm worker <sup>1</sup>			Total farm employment	Total United States population July 1 <sup>2</sup>	Year	Persons supplied per farm worker <sup>1</sup>			Total farm employment	Total United States population July 1 <sup>2</sup>
	Total	At home	Abroad				Total	At home	Abroad		
	Number	Number	Number				Millions	Millions	Number		
1954.....	18.1	16.2	1.9	8.7	162.4	1962.....	28.6	24.7	3.9	6.7	185.8
1955.....	19.5	17.3	2.2	8.4	165.3	1963.....	30.7	25.8	4.9	6.5	188.6
1956.....	21.7	18.5	3.2	7.9	168.2	1964.....	33.2	27.9	5.3	6.1	191.3
1957.....	22.7	19.8	2.9	7.6	171.3	1965.....	37.0	30.8	6.2	5.6	193.7
1958.....	23.2	20.6	2.6	7.5	174.1	1966.....	39.6	33.6	6.0	5.2	196.0
1959.....	24.5	21.4	3.1	7.3	177.1	1967.....	42.1	36.0	6.1	4.9	198.2
1960.....	25.8	22.3	3.5	7.1	179.9	1968.....	43.4	37.9	5.5	4.7	200.2
1961.....	27.6	23.6	4.0	6.9	183.0	1969 <sup>3</sup> ..	45.3	39.1	6.2	4.6	202.2

<sup>1</sup> Total persons supplied with agricultural products from United States farm production divided by farm employment. Total persons supplied in the United States is obtained by dividing value of farm production minus value of agricultural exports by per capita level of support. Total persons supplied abroad is calculated by dividing value of United States agricultural exports by per capita level of support in the United States. Per capita level of support is derived by dividing total population into value of farm production minus value of agricultural exports plus value of agricultural imports.

<sup>2</sup> Includes persons in our military forces in this country and abroad. Excludes Alaska and Hawaii.

<sup>3</sup> Preliminary.

Economic Research Service. Data for 1820-1953 in *Agricultural Statistics, 1967*, table 675.

**Table 663.—Marketing spreads: Retail cost, farm value, farm-retail spread and farmer's share of retail cost for farm-originated food products, United States, 1960-69<sup>1</sup>**

Year	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm-retail spread	Farmer's share of retail cost	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm-retail spread	Farmer's share of retail cost
	Market basket of farm food products				Bakery and cereal products			
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>
1960	991.18	382.54	608.64	39	151.87	29.30	122.57	19
1961	997.25	380.17	617.08	38	154.44	30.78	123.66	20
1962	1,006.17	384.09	622.08	38	157.24	32.02	125.22	20
1963	1,012.90	374.44	638.46	37	159.03	32.00	127.03	20
1964	1,013.50	373.85	639.65	37	159.42	32.25	127.17	20
1965	1,037.78	408.36	629.42	39	160.07	33.05	127.02	21
1966	1,094.72	443.25	651.47	40	165.70	36.45	129.25	22
1967	1,079.88	414.06	665.82	38	169.09	34.99	134.10	21
1968	1,117.80	435.07	682.73	39	169.61	33.06	136.55	19
1969 <sup>5</sup>	1,172.87	477.19	695.68	41	172.77	33.47	139.30	19
	Meat products				Fruits and vegetables, fresh and processed			
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>
1960	284.41	148.50	135.91	52	208.36	52.41	155.95	25
1961	285.64	148.40	137.24	52	210.62	50.86	159.76	24
1962	292.44	155.84	136.60	53	210.76	51.34	159.42	24
1963	286.35	143.06	143.29	50	222.16	54.62	167.54	25
1964	280.08	134.54	145.54	48	229.22	61.94	167.28	27
1965	302.57	163.47	139.10	54	228.42	63.85	164.57	28
1966	329.65	180.34	149.31	55	231.87	61.56	169.81	27
1967	317.08	165.59	151.49	52	229.44	56.92	172.52	25
1968	324.58	171.86	152.72	53	248.61	67.60	181.01	27
1969 <sup>5</sup>	355.79	201.60	154.19	57	251.55	67.13	184.42	27
	Dairy products				Fats and oils			
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>
1960	178.40	79.24	99.16	44	34.27	10.00	24.27	29
1961	180.37	79.90	100.47	44	36.70	12.90	23.80	35
1962	178.80	77.57	101.23	43	36.48	10.38	26.10	28
1963	178.14	77.43	100.71	43	35.14	10.41	24.73	30
1964	178.78	78.70	100.08	44	34.74	10.20	24.54	29
1965	178.46	79.82	98.64	45	37.28	11.46	25.82	31
1966	189.44	89.68	99.76	47	38.70	12.43	26.27	32
1967	195.65	93.26	102.39	48	38.79	11.00	27.79	28
1968	201.96	96.88	105.28	48	37.88	9.92	27.96	26
1969 <sup>5</sup>	208.27	100.78	107.49	48	37.89	10.07	27.82	27
	Poultry and eggs				Miscellaneous products			
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>
1960	90.72	55.36	35.36	61	43.16	7.73	35.43	18
1961	85.78	49.74	36.04	58	43.70	7.58	36.12	17
1962	86.01	49.08	36.93	57	44.44	7.86	36.58	18
1963	86.09	48.84	37.25	57	45.99	8.08	37.91	18
1964	84.43	47.48	36.95	56	46.84	8.74	38.10	19
1965	84.80	48.32	36.48	57	46.18	8.40	37.78	18
1966	92.47	53.92	38.55	58	47.39	8.87	38.52	19
1967	81.55	43.21	38.34	53	48.28	9.09	39.19	19
1968	85.97	46.95	39.02	55	49.19	9.00	40.19	18
1969 <sup>5</sup>	95.46	54.86	40.59	57	51.15	9.21	41.94	18

<sup>1</sup> The market basket contains the average quantities of farm-originated foods purchased annually per household in 1960-61 by wage-earner and clerical-worker families and single workers living alone.

<sup>2</sup> Retail costs are calculated from retail prices published by the U.S. Department of Labor.

<sup>3</sup> Farm values, or payments received by farmers for products equivalent to the foods in the market basket, are calculated from prices received by farmers. The farm values of processed products are adjusted by subtracting imputed values of byproducts.

<sup>4</sup> Beginning July 1964, the farm value and farmer's share for bakery products are based on the market price of wheat received by farmers plus the cost of the marketing certificate to processors.

<sup>5</sup> Preliminary.

**Table 664.—Marketing bill for farm food products: Consumer expenditures for domestic farm-originated food products bought by civilian consumers, farm value, and marketing bill, United States, 1954-69<sup>1</sup>**

Year	Total marketing bill	Farm value	Civilian expenditures for farm foods	Year	Total marketing bill	Farm value	Civilian expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1954.....	32.3	18.8	51.1	1962.....	46.9	22.4	69.3
1955.....	34.4	18.7	53.1	1963.....	48.9	22.6	71.5
1956.....	36.3	19.2	55.5	1964.....	51.2	23.4	74.6
1957.....	37.9	20.4	58.3	1965.....	52.1	25.5	77.6
1958.....	39.5	21.5	61.0	1966.....	54.7	28.1	82.8
1959.....	42.2	20.9	63.1	1967.....	57.5	27.3	84.8
1960.....	44.2	21.7	65.9	1968.....	61.1	29.0	90.1
1961.....	45.1	22.0	67.1	1969 <sup>2</sup> .....	63.2	32.1	95.3

<sup>1</sup> The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food bought by civilian consumers and not to that sold to the Armed Forces or exported. Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1947-53 in *Agricultural Statistics, 1967*, table 681.

**Table 665.—Marketing costs: Labor, transportation, corporate profits, and other costs, for marketing farm food products, United States, 1954-69<sup>1</sup>**

Year	Labor <sup>2</sup>	Rail and truck transportation <sup>3</sup>	Corporate profits <sup>4</sup>		Other <sup>5</sup>	Total marketing bill
			Before taxes	After taxes		
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1954.....	15.3	3.4	1.5	0.7	12.1	32.3
1955.....	15.7	3.4	1.8	.9	13.5	34.4
1956.....	16.3	3.7	1.9	.9	14.4	36.3
1957.....	16.8	4.0	1.9	.9	15.2	37.9
1958.....	17.1	4.1	1.9	.9	16.4	39.5
1959.....	17.8	4.0	2.1	1.0	18.3	42.2
1960.....	18.7	4.1	2.1	.9	19.3	44.2
1961.....	18.9	4.2	2.2	1.0	19.8	45.1
1962.....	19.7	4.1	2.2	1.0	20.9	46.9
1963.....	20.3	4.2	2.4	1.1	22.0	48.9
1964.....	21.1	4.3	2.8	1.4	23.0	51.2
1965.....	22.4	4.2	3.0	1.6	22.5	52.1
1966.....	23.7	4.4	3.4	1.8	23.2	54.7
1967.....	25.1	4.5	3.4	1.7	24.4	57.5
1968.....	27.3	4.7	3.7	1.8	25.4	61.1
1969 <sup>6</sup> .....	29.3	4.8	3.9	1.9	25.2	63.2

<sup>1</sup> For domestic farm foods bought by civilian consumers in this country. Beginning 1960, estimates include Alaska and Hawaii.

<sup>2</sup> Labor cost includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. It also includes supplements to wages and salaries such as social security and unemployment insurance taxes and health insurance premiums, but it does not include the cost of labor employed in for-hire transportation.

<sup>3</sup> Includes charges for protective services, heating and refrigeration; does not include local hauling. Charges for intercity transportation by water and air are a part of the "other" or residual component of the marketing bill.

<sup>4</sup> Does not include profits of unincorporated firms or transportation firms.

<sup>5</sup> Residual component; includes other costs such as advertising, depreciation, fuel, electric power, containers, packaging materials, air and water transportation, interest on borrowed capital, taxes other than those on income, and noncorporate profits.

<sup>6</sup> Preliminary.

Economic Research Service. Data for 1947-53 in *Agricultural Statistics, 1967*, table 682.

RAILROAD FREIGHT RATES; PRICES RECEIVED BY FARMERS 461

Table 666.—Railroad freight rates: Index numbers for specified commodities, 1954-69

Year	Railroad freight rate indexes 1957-59=100 <sup>1</sup>									
	Live-stock	Meats	Fruits and vegetables	Wheat	All grains	Soy-beans	Cotton	Wool	Tobacco	Combined indexes <sup>2</sup>
1954	86	97	95	89			108			93
1955	86	97	95	89			105			92
1956	90	101	98	94			101			96
1957	98	109	104	99	99	97	100	106	108	102
1958	102	100	101	101	102	102	101	108	101	101
1959	100	92	95	100	99	101	100	85	91	97
1960	99	92	93	99	98	101	99	82	90	96
1961	98	92	94	99	97	96	99	82	91	96
1962	96	91	93	96	96	94	99	72	91	95
1963	94	89	92	95	94	89	99	70	91	93
1964	93	86	92	92	92	88	98	67	91	92
1965	93	79	92	83	86	87	93	67	91	88
1966	93	76	92	82	85	87	98	67	90	87
1967	94	76	93	83	85	88	98	67	91	88
1968	98	78	96	84	85	89	98	68	93	89
1969	102	81	100	85	85	91	101	71	98	91

<sup>1</sup> All index number series are of the weighted aggregative type. They are based upon averages of rates in effect during the year. Annual averages are computed by weighting the rates by the number of days they are in effect. In constructing the combined index, group indexes were weighted by average revenues for 1957-59. <sup>2</sup> Beginning 1957, combined index includes soybeans, corn, small grains, wool, and tobacco, in addition to other products for which data are shown separately.

Economic Research Service. Data for 1945-53 in *Agricultural Statistics, 1967*, table 683.

Table 667.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1968 and 1969

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1968	1969 <sup>2</sup>	1968		1969	
			Based on data for—	Parity price	Based on data for—	Parity price
<b>Basic commodities:</b>						
<b>Cotton:</b>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
American upland..... pound.	0.2202	0.2060	Oct. <sup>4</sup>	0.4316	Nov. <sup>4</sup>	0.4516
Extra long staple..... do.	.407	.400	July.....	.749	Feb.....	.752
Wheat..... bushel.	1.24	1.24	June.....	2.63	June.....	2.77
Rice..... cwt.	5.00	4.85	June.....	6.90	June.....	7.28
Corn..... bushel.	1.08	1.12	Oct. <sup>4</sup>	1.63	Dec. <sup>4</sup>	1.67
Peanuts..... pound.	.119	.122	July.....	.155	July.....	.163
<b>Tobacco:</b>						
Flue-cured, types 11-14..... do.	.666	.724	June.....	.867	June.....	.926
Va. fire-cured, type 21..... do.	.469	.531	Nov.....	.564	Nov.....	.603
Ky.-Tenn. fire-cured, types 22-23..... do.	.511	.481	Dec.....	.587	Dec.....	.631
Burley, type 31..... do.	.737	.696	Oct.....	.916	Oct.....	.970
Maryland, type 32..... do.	.622	.691	Mar <sup>5</sup>	.860	Mar <sup>5</sup>	.892
Dark air-cured, types 35-36..... do.	.474	.403	Nov.....	.531	Nov.....	.566
Sun-cured, type 37..... do.	.532	.528	Oct.....	.551	Oct.....	.602
Pa. seedleaf, type 41..... do.	.300	.300	Dec.....	.378	Nov.....	.396
Cigar filler and binder, types 42-44, 53-55..... do.	.361	.398	Dec.....	.446	Dec.....	.465
Puerto Rican filler, type 46..... do.	.414	.448	Jan.....	.484	Jan.....	.523
Cigar binder, types 51-52..... do.	.595	.582	Nov.....	.664	Nov.....	.724
<b>Designated nonbasic commodities:</b>						
Tung nuts..... ton.	67.00	60.50	Oct.....	98.80	Oct.....	105.00
Milkfat, in cream..... pound.	.687	.690	Dec. <sup>4</sup>	.856	Dec. <sup>4</sup>	.893
All milk, wholesale..... cwt.	5.24	5.46	Dec. <sup>4</sup>	5.97	Dec. <sup>4</sup>	6.23
Fluid market..... cwt.	5.67	5.86				
Manufacturing grade..... cwt.	4.22	4.44				
Honey, extracted (wholesale)..... pound.	6.147	.152	Dec. <sup>4</sup>	.202	Dec. <sup>4</sup>	.206
<b>Wool and mohair:</b>						
Wool..... pound.	7.405	7.418	Dec. <sup>4</sup>	.873	Dec. <sup>4</sup>	.904
Mohair..... do.	8.452	8.651	Dec. <sup>4</sup>	1.17	Dec. <sup>4</sup>	1.19

See footnotes at end of table.

Table 667.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1968 and 1969—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1968	1969 <sup>2</sup>	1968		1969	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities:						
Field crops and miscellaneous:						
Barley..... bushel.....	Dollars 0.911	Dollars 0.877	Apr.....	Dollars 1.35	Dec <sup>4</sup> .....	Dollars 1.37
Beans, dry edible..... cwt.....	8.19	7.41	July.....	10.40	July.....	11.20
Broomcorn..... ton.....	422.00	389.00	July.....	479.00	July.....	524.00
Castor beans..... cwt.....	5.50	4.50				
Cottonseed..... cwt.....	50.50	41.10	July.....	69.60	July.....	73.70
Crude pine gum..... barrel.....	31.20	36.60	Mar.....	41.60	Mar.....	44.60
Flaxseed..... bushel.....	2.81	2.65	Apr.....	4.02	Apr.....	4.24
Hay, all, baled..... ton.....	23.60	24.90	Jan.....	29.90	Jan.....	31.80
Hops..... pound.....	472	510	July.....	682	July.....	699
Oats..... bushel.....	598	581	Apr.....	890	Apr.....	934
Peas, dry field..... cwt.....	4.62	4.54	July.....	6.11	July.....	6.36
Peppermint oil..... pound.....	5.15	4.77	July.....	6.74	July.....	7.22
Popcorn..... cwt.....	2.79	2.54	July.....	3.76	July.....	4.00
Potatoes..... cwt.....	2.23	2.13	Apr.....	2.88	Apr.....	3.11
Rye..... bushel.....	1.02	994	Apr.....	1.40	Apr.....	1.47
Sorghum grain..... cwt.....	1.70	1.89	Oct <sup>4</sup> .....	2.58	Dec <sup>4</sup> .....	2.68
Soybeans..... bushel.....	2.43	2.33	Aug.....	3.40	Aug.....	3.63
Spearmint oil..... pound.....	5.64	4.82				
Sweetpotatoes..... cwt.....	4.90	4.44	June.....	6.94	June.....	7.54
Sorghum forage <sup>6</sup> ..... ton.....	17.30					
Tobacco:						
Cigar wrapper, type 61..... pound.....	2.80	3.90	Dec <sup>4</sup> .....	3.34	Dec <sup>4</sup> .....	3.67
Cigar wrapper, type 62..... do.....	2.70	2.80	Oct.....	2.96	Oct.....	3.22
Fruits:						
Citrus (equiv. on-tree): <sup>10</sup>						
Grapefruit..... box.....	.93	1.40	Aug.....	1.78	Aug.....	1.91
Lemons..... box.....	3.01	3.28	Oct.....	2.79	Oct.....	3.19
Limes, Florida..... box.....	2.90	4.06	Mar.....	4.69	Mar.....	4.61
Oranges..... box.....	1.82	1.11	Oct.....	3.65	Oct.....	3.64
Tangelos..... box.....	2.42	1.11				
Tangerines..... box.....	2.57	2.44	Oct.....	3.37	Oct.....	3.80
Templets..... box.....	2.20	.74				
Deciduous and other:						
Apples:						
For all sales..... pound.....	6.11	4.09				
For fresh consumption <sup>11</sup> ..... do.....	8.10	5.49	June.....	.0796	June.....	.0900
For processing..... ton.....	66.20	47.40	July.....	61.10	July.....	69.60
Apricots:						
For all sales..... ton.....	184.00	146.00				
For fresh consumption..... ton.....	267.00	212.00	May.....	255.00	May.....	282.00
Dried, California..... ton.....	1,370.00	1,200.00	June.....	1,360.00	June.....	1,450.00
For processing (except dried)..... ton.....	164.00	132.00	July.....	148.00	July.....	157.00
Avocados..... ton.....	289.00	505.00	Sept.....	360.00	Sept.....	389.00
Berries for processing (Washington and Oregon):						
Blackberries..... pound.....	124	188	July.....	152	July.....	169
Boysenberries..... do.....	127	201	July.....	192	July.....	206
Gooseberries..... do.....	122	124	July.....	113	July.....	128
Loganberries..... do.....	146	211	July.....	206	July.....	218
Raspberries, black..... do.....	354	361	July.....	324	July.....	378
Raspberries, red..... do.....	202	271	July.....	217	July.....	243
Youngberries..... do.....	127	201	July.....	192	July.....	206
Cherries:						
Sweet..... ton.....	439.00	342.00	Apr.....	473.00	Apr.....	517.00
Tart..... ton.....	302.00	155.00	May.....	246.00	May.....	278.00
Cranberries..... barrel.....	16.50	16.30	Aug.....	17.30	Aug.....	18.60
Dates, California <sup>12</sup> ..... ton.....	155.00	162.00	Aug.....	194.00	Aug.....	206.00
Figs:						
For fresh consumption, California..... ton.....	286.00	298.00	July.....	302.00	July.....	( <sup>13</sup> )
Dried, California..... ton.....	212.00	204.00	June.....	297.00	June.....	( <sup>13</sup> )
For processing (except dried)..... ton.....	252.00	259.00	July.....	217.00	July.....	( <sup>13</sup> )
Grapes:						
For all sales..... ton.....	66.40	69.90				
Raisin varieties dried, California..... ton.....	263.00	253.00	Aug.....	331.00	Aug.....	338.00
Grapes, excluding raisin varieties, dried..... ton.....	68.10	72.40	May.....	84.60	May.....	89.40
Nectarines (California): <sup>12</sup>						
For fresh consumption..... ton.....	148.00	141.00	May.....	166.00	May.....	172.00
For processing..... ton.....	72.80	84.00	July.....	98.70	July.....	104.00

See footnotes at end of table.



Table 667.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1968 and 1969—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1968	1969 <sup>2</sup>	1968		1969	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued						
Olives (California): <sup>12</sup>	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
For all sales..... ton.	368.00	329.00				
Crushed for oil..... ton.	42.00	30.00	July.....	102.00	July.....	87.50
For processing (except crushed)..... ton.	375.00	342.00	July.....	317.00	July.....	364.00
For canning..... ton.	422.00	388.00	July.....	355.00	July.....	411.00
Peaches:						
For all sales..... pound.	0544	0535				
For fresh consumption..... do.	<sup>14</sup> 0635	0671	Apr.....	0822	Apr.....	0882
Dried, California..... ton.	887.00	700.00	July.....	660.00	July.....	755.00
For processing (except dried):						
Clingstone <sup>12</sup> ..... ton.	75.20	73.40	June.....	91.70	June.....	97.95
Freestone..... ton.	86.90	70.40	July.....	80.90	July.....	90.10
Pears:						
For all sales..... ton.	135.00	103.00				
For fresh consumption <sup>11</sup> ..... ton.	<sup>15</sup> 155.00	<sup>15</sup> 105.00	May.....	143.00	May.....	162.00
Dried, California..... ton.	760.00	688.00	Aug.....	1,020.00	Aug.....	1,080.00
For processing (except dried)..... ton.	126.00	97.50	July.....	138.00	July.....	151.00
Persimmons, California..... ton.	164.00	125.00	July.....	204.00	July.....	224.00
Plums (equiv. on-tree) (California):						
For all sales..... ton.	145.00	193.00				
For fresh consumption..... ton.	153.00	203.00				
For processing..... ton.		8.20				
Pomegranates, California..... ton.	97.00	123.00	July.....	136.00	July.....	145.00
Prunes, dried (California)..... ton.	301.00					
Prunes and plums:						
For fresh consumption..... ton.	190.00	155.00				
For processing (except dried)..... ton.	81.40	53.80				
Strawberries:						
For fresh consumption..... pound.	243	259	Jan.....	327	Jan.....	346
For processing..... pound.	160	164	July.....	197	July.....	212
Seed crops:						
Alfalfa..... cwt.	37.90	36.80	July.....	46.90	July.....	50.90
Bentgrass..... cwt.	36.60	35.10	Jan.....	45.30	Jan.....	50.10
Chewings fescue (Oregon)..... cwt.	22.00	22.50	Jan.....	35.30	Jan.....	35.40
Crimson clover..... cwt.	22.90	22.80	Jan.....	26.30	Jan.....	27.50
Hairy vetch..... cwt.	11.20	14.70	Jan.....	15.20	Jan.....	16.00
Ladino clover..... cwt.	71.00	70.00	Jan.....	75.10	Jan.....	81.30
Lespedeza..... cwt.	16.30	15.60	July.....	18.60	July.....	20.80
Merion Kentucky bluegrass..... cwt.	42.80	71.50				
Orchardgrass..... cwt.	19.50	19.90	Jan.....	24.20	Jan.....	25.80
Red clover..... cwt.	30.40	35.50	July.....	38.00	July.....	39.60
Red fescue..... cwt.	20.90	24.00	Jan.....	36.70	Jan.....	36.70
Sweetclover..... cwt.	8.44	9.27	July.....	12.00	July.....	12.50
Tall fescue..... cwt.	10.50	14.30	Jan.....	16.60	Jan.....	17.10
Timothy..... cwt.	8.70	8.22	July.....	15.80	July.....	15.70
White clover..... cwt.	61.30	55.60	Jan.....	63.70	Jan.....	66.80
Sugar crops:						
Maple sirup..... gallon.	5.48	6.15	July.....	6.96	July.....	7.41
Sugarbeets..... ton.	<sup>16</sup> 15.97	<sup>16</sup> 15.47	July.....	20.30	July.....	21.50
Sugarcane for sugar <sup>17</sup> ..... ton.	<sup>16</sup> 10.45	<sup>16</sup> 11.14	July.....	13.00	July.....	14.00
Sugarcane sirup..... gallon.	<sup>18</sup> 1.21	( <sup>18</sup> )	July.....	1.62	July.....	1.71
Tree nuts:						
Almonds..... ton.	597.00		July.....	852.00	July.....	864.00
Filberts..... ton.	518.00	560.00	July.....	604.00	July.....	651.00
Pecans, all..... ton.	750.00	600.00	July.....	756.00	July.....	819.00
Improved..... ton.	846.00	648.00				
Seedling..... ton.	656.00	532.00				
Walnuts..... ton.	646.00		July.....	667.00	July.....	737.00
Vegetables for fresh market:						
Artichokes, California <sup>19</sup> ..... cwt.	10.00	10.60	July.....	13.20	July.....	13.80
Asparagus..... cwt.	21.90	23.50	Jan.....	22.10	Jan.....	26.70
Beets..... cwt.	5.22	( <sup>13</sup> )	Jan.....	5.81	Jan.....	6.28
Broccoli <sup>19</sup> ..... cwt.	8.93	10.50	Jan.....	11.20	Jan.....	11.90
Brussels sprouts <sup>19</sup> ..... cwt.	11.60	11.50				
Cabbage..... cwt.	3.26	3.28	Jan.....	3.77	Jan.....	4.16
Cantaloups..... cwt.	5.78	5.61	Jan.....	6.92	Jan.....	7.44
Carrots <sup>19</sup> ..... cwt.	4.32	4.60	Dec <sup>4</sup> .....	4.97	Dec <sup>4</sup> .....	5.08
Cauliflower <sup>19</sup> ..... cwt.	8.87	9.69	Nov <sup>4</sup> .....	9.91	Nov <sup>4</sup> .....	10.60

See footnotes at end of table.

Table 667.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1968 and 1969—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1968	1969 <sup>2</sup>	1968		1969	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued						
Vegetables for fresh market—Continued	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>
Celery . . . . . cwt.	4.66	5.42	Dec <sup>4</sup>	5.66	Dec <sup>4</sup>	5.94
Cucumbers . . . . . cwt.	7.10	7.25	Jan . . . . .	7.85	Jan . . . . .	8.53
Eggplant . . . . . cwt.	10.50	8.64	Jan . . . . .	8.23	Jan . . . . .	9.15
Escarole, Florida . . . . . cwt.	7.61	7.46	Jan . . . . .	7.89	Jan . . . . .	8.53
Garlic . . . . . cwt.	8.99	8.52	Jan . . . . .	12.70	Jan . . . . .	13.20
Green peas (shelled) . . . . . cwt.	15.00	(13)	Jan . . . . .	14.70	Jan . . . . .	16.30
Green peppers . . . . . cwt.	10.50	11.00	Jan . . . . .	12.50	Jan . . . . .	13.30
Honeydew melons . . . . . cwt.	6.75	5.87	Apr . . . . .	7.73	Apr . . . . .	8.41
Kale, Virginia . . . . . cwt.	8.60	(13)	Jan . . . . .	8.72	Jan . . . . .	9.47
Lettuce . . . . . cwt.	4.52	5.42	Nov <sup>4</sup>	5.92	Nov <sup>4</sup>	6.21
Lima beans (shelled) . . . . . cwt.	11.90	(13)	Jan . . . . .	13.40	Jan . . . . .	14.40
Onions . . . . . cwt.	3.60	3.76	Feb . . . . .	4.63	Feb . . . . .	4.93
Shallots, Louisiana . . . . . cwt.	12.00	(13)	Jan . . . . .	11.70	Jan . . . . .	13.10
Snap beans . . . . . cwt.	12.60	12.80	Jan . . . . .	13.60	Jan . . . . .	14.80
Spinach . . . . . cwt.	10.40	10.30	Jan . . . . .	10.40	Jan . . . . .	11.40
Sweet corn . . . . . cwt.	5.25	4.95	Jan . . . . .	5.81	Jan . . . . .	6.28
Tomatoes . . . . . cwt.	11.60	11.40	Dec <sup>4</sup>	11.30	Dec <sup>4</sup>	11.90
Watermelons . . . . . cwt.	1.88	2.06	Jan . . . . .	2.19	Jan . . . . .	2.41
Vegetables for processing:						
Asparagus . . . . . ton.	352.00	362.00	Jan . . . . .	353.00	Jan . . . . .	392.00
Beets . . . . . ton.	23.80	21.90	Jan . . . . .	26.00	Jan . . . . .	27.70
Cabbage . . . . . ton.	19.50	18.80	Jan . . . . .	20.50	Jan . . . . .	22.20
Cucumbers . . . . . ton.	92.20	91.90	Jan . . . . .	88.60	Jan . . . . .	97.60
Green peas (shelled) . . . . . ton.	107.00	106.00	Jan . . . . .	129.00	Jan . . . . .	136.00
Lima beans (shelled) . . . . . ton.	194.00	180.00	July . . . . .	223.00	July . . . . .	240.00
Snap beans . . . . . ton.	99.80	99.20	Jan . . . . .	143.00	Jan . . . . .	147.00
Spinach . . . . . ton.	41.60	42.40	Jan . . . . .	53.30	Jan . . . . .	55.50
Sweet corn . . . . . ton.	25.60	25.00	July . . . . .	29.40	July . . . . .	31.80
Tomatoes . . . . . ton.	40.20	34.70	Jan . . . . .	42.60	Jan . . . . .	46.50
Livestock and livestock products:						
All beef cattle . . . . . cwt.	23.40	26.20	Dec <sup>4</sup>	28.60	Dec <sup>4</sup>	30.10
Cows . . . . . cwt.	17.00	19.10				
Steers and heifers . . . . . cwt.	25.30	28.30				
Beeswax . . . . . pound.	616	611	July . . . . .	653	July . . . . .	707
Calves . . . . . do.	27.60	31.50	Dec <sup>4</sup>	32.90	Dec <sup>4</sup>	35.00
All chickens, live . . . . . pound.	136	147	Dec <sup>4</sup>	215	Dec <sup>4</sup>	212
Excluding broilers, live . . . . . do.	082	097				
Broilers, live . . . . . do.	142	152				
Eggs . . . . . dozen.	340	400	Dec <sup>4</sup>	493	Dec <sup>4</sup>	500
Hogs . . . . . cwt.	18.50	22.20	Dec <sup>4</sup>	24.40	Dec <sup>4</sup>	25.20
Lambs . . . . . cwt.	24.40	27.20	Dec <sup>4</sup>	28.00	Dec <sup>4</sup>	29.20
Milk cows <sup>20</sup> . . . . . head.	274.00	300.00				
Milk, retail <sup>21</sup> . . . . . quart.	247	258				
Sheep . . . . . cwt.	6.55	7.94	Dec <sup>4</sup>	8.62	Dec <sup>4</sup>	8.89
Turkeys, live . . . . . pound.	205	224	Dec <sup>4</sup>	321	Dec <sup>4</sup>	3.23

<sup>1</sup> Season average prices for crops; weighted calendar year average for livestock and livestock products. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighting State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

<sup>2</sup> Preliminary. <sup>3</sup> Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those used in connection with a support price determination, when applicable, otherwise for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products. <sup>4</sup> Previous year. <sup>5</sup> Following year. <sup>6</sup> State annual average prices weighted by production to obtain U.S. averages. <sup>7</sup> Average local market price for wool sold excluding incentive payment. <sup>8</sup> Average local market price for mohair sold excluding incentive payment.

<sup>9</sup> Price to Dec. 1. <sup>10</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Beginning with the 1968 edition, prices refer to the year of harvest; in former editions prices referred to the year of bloom. <sup>11</sup> Equivalent packinghouse-door returns for Washington and Oregon, equivalent first delivery point returns for California, and prices as sold for other States. <sup>12</sup> Equivalent per unit returns for bulk fruit at first delivery point. <sup>13</sup> Discontinued. <sup>14</sup> Prices for fresh use in New York, Pennsylvania, Michigan, Virginia, North Carolina, South Carolina, Georgia, Washington, and California, and average price for all sales in all other States. <sup>15</sup> Packinghouse-door returns for fresh consumption for Washington and Oregon, equivalent first delivery point returns for California, average prices for fresh use for New York and Michigan, and average prices for all methods of sale for other States. <sup>16</sup> Prices include average conditional payments to farmers authorized by the Sugar Acts. <sup>17</sup> Continental United States only. <sup>18</sup> Average price to Dec. 1 for all States, except Louisiana, which is a season average. <sup>19</sup> Includes some processing.

<sup>20</sup> Simple average of States weighted by estimated Jan. 1 head for U.S. average. <sup>21</sup> Sold by farmers directly to consumers.

Table 668.—Agricultural commodity support prices per unit, United States, 1961-70<sup>1</sup>

Commodity and unit	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
<b>MANDATORY<sup>2</sup></b>										
Basic commodities:										
Corn:	<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>
Support level <sup>3</sup> ..... bushel	1.20	1.20	1.25	1.25	1.25	1.30	1.35	1.35	1.35	1.35
Loan rate..... do.	1.20	1.20	1.07	1.10	1.05	1.00	1.05	1.05	1.05	1.05
Cotton:										
American upland: <sup>4</sup>										
Support level <sup>3</sup> ..... pound	.3304	.3247	.3247	.3350	.3335	.3042	.3178	.3249	.3498	.3705
Loan rate..... do.	.3304	.3247	.3247	.3000	.2900	.2100	.2025	.2025	.2025	.2025
Extra long staple:										
Support level <sup>3</sup> ..... do.	.5317	.5317	.5317	.4925	.4925	.4925	.4700	.4869	.4888	.4979
Loan rate..... do.	.5317	.5317	.5317	.4925	.4925	.4925	.4700	.4000	.4000	.4050
Peanuts..... do.	.1105	.1107	.112	.112	.112	.1135	.1135	.1201	.1238	.1275
Rice..... cwt.	4.71	4.71	4.71	4.71	4.50	4.50	4.55	4.60	4.72	4.81
Wheat:										
Support level <sup>3</sup> ..... bushel	1.79	2.00	2.00	2.00	2.00	2.57	2.61	2.63	2.77	2.82
Loan rate..... do.	1.79	2.00	1.82	1.30	1.25	1.25	1.25	1.25	1.25	1.25
Tobacco:										
Flue-cured, types										
11-14..... pound	.555	.561	.566	.572	.577	.588	.599	.616	.638	.666
Fire-cured, types 21-23..... do.	.388	.392	.396	.400	.404	.411	.419	.431	.446	.466
Burley, type 31..... do.	.572	.578	.583	.589	.595	.606	.618	.635	.658	.686
Maryland, type 32..... do.	.508	.513	.518	.523	.528					
Dark air-cured, types										
35-36..... do.	.345	.348	.352	.355	.359	.366	.373	.383	.397	.414
Virginia sun-cured,										
type 37..... do.	.345	.348	.352	.355	.359	.366	.373	.383	.397	.414
Puerto Rican cigar										
filler, type 46..... do.	.297	.300	.303	.306	.309	.315	.321	.330	.342	.356
Cigar filler and binder,										
types 42-44, 53-55..... do.	.286	.289	.292	.295	.297	.303	.309	.317	.329	.343
Cigar binder, types										
51-52..... do.	.396	.400	.404	.408	.412	.420	.428	.440	.455	.475
Nonbasic commodities:										
Butterfat..... do.	.604	.572	.581	.580	.594	.680	.680	.660	.686	.715
Milk for manufacturing..... cwt.	3.40	3.11	3.14	3.15	3.24	4.00	4.00	4.28	4.28	4.66
Honey, wholesale,										
extracted..... pound	.112	.112	.112	.112	.112	.114	.125	.125	.130	.130
Mohair..... do.	.73	.74	.76	.72	.72	.758	.764	.774	.774	.802
Tung nuts..... ton	63.34	63.34	63.34	63.34	63.34	63.34	63.34	64.22	68.25	.....
Wool..... pound	.62	.62	.62	.62	.62	.65	.66	.67	.69	.72
Barley: <sup>5</sup>										
Support level <sup>3</sup> ..... bushel	.93	.93	.96	.96	.96	1.00	.90	.90	1.03	1.03
Loan rate..... do.	.93	.93	.82	.84	.80	.80	.90	.90	.83	.83
Sorghum grain: <sup>5</sup>										
Support level <sup>3</sup> ..... cwt.	1.93	1.93	2.00	2.00	2.00	2.05	2.14	2.15	2.14	2.14
Loan rate..... cwt.	1.93	1.93	1.71	1.77	1.65	1.52	1.61	1.62	1.61	1.61
Oats <sup>5</sup> ..... bushel	.62	.62	.65	.65	.60	.60	.63	.63	.63	.63
Rye <sup>5</sup> ..... do.	1.02	1.02	1.07	1.07	1.02	1.02	1.02	1.02	1.02	1.02
<b>NONMANDATORY</b>										
Nonbasic commodities:										
Beans, dry edible..... cwt.	6.32	6.32	6.32	6.32	6.32	6.33	6.37	6.38	6.39	6.40
Cottonseed <sup>6</sup> ..... ton	49.00	48.00	44.00	44.00	43.00	48.00	48.00	48.00	37.00	37.00
Flaxseed..... bushel	2.80	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.75	2.50
Soybeans..... do.	2.30	2.25	2.25	2.25	2.25	2.50	2.50	2.50	2.25	2.25

<sup>1</sup> National averages during the marketing years for the individual crops, beginning in the years shown.  
<sup>2</sup> Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

<sup>3</sup> Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

<sup>4</sup> Basis 1-inch Middling.

<sup>5</sup> Grade No. 2 or better except for oats which is Grade No. 3.

<sup>6</sup> Support rates to ginners, basis Grade 100, through 1962; beginning 1963, for ginners' purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 685.

Table 669.—Wholesale prices: Index numbers, by groups of commodities, United States, 1954-69

[1957-59=100]

Year	Farm products	All foods	Hides, skins, leather, and leather products	Fuels and related products and power	Chemicals and allied products	Rubber and rubber products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products <sup>1</sup>	All commodities other than farm products and processed food	All commodities
1954	104.4	97.7	89.9	94.6	97.3	87.6	97.6	84.3	93.9	93.3	90.4	92.9
1955	97.9	95.3	89.5	94.5	96.9	99.2	102.3	90.0	94.3	93.4	92.4	93.2
1956	96.6	95.2	94.8	97.4	97.5	100.6	103.8	97.8	96.9	93.5	96.5	96.2
1957	99.2	98.1	94.9	102.7	99.6	100.2	98.5	99.7	99.4	97.4	99.2	99.0
1958	103.6	103.3	96.0	98.7	100.4	100.1	97.4	99.1	100.2	101.0	99.5	100.4
1959	97.2	98.5	109.1	98.7	100.0	99.7	104.1	101.2	100.4	101.7	101.3	100.6
1960	96.9	100.0	105.2	99.6	100.2	99.9	100.4	101.3	100.1	101.9	101.3	100.7
1961	96.0	100.0	106.2	100.7	99.1	96.1	95.9	100.7	99.5	102.0	100.8	100.3
1962	97.7	100.6	107.4	100.2	97.5	93.3	96.5	100.0	98.8	102.1	100.8	100.6
1963	95.7	100.4	104.2	99.8	96.3	93.8	98.6	100.1	98.1	104.5	100.7	100.3
1964	94.3	100.8	104.6	97.1	96.7	92.5	100.6	102.8	98.5	106.0	101.2	100.5
1965	98.4	104.5	109.2	98.9	97.4	92.9	101.1	105.7	98.0	106.2	102.5	102.5
1966	105.6	110.7	119.7	101.3	97.8	94.8	105.6	108.3	99.1	109.6	104.7	105.9
1967	99.7	108.6	115.8	103.6	98.4	96.9	105.4	109.6	101.1	112.9	106.3	106.1
1968	102.2	112.8	119.5	102.4	98.2	100.3	119.3	112.4	104.0	115.2	109.0	108.7
1969 <sup>3</sup>	108.5	119.0	125.8	104.6	98.3	102.1	132.0	118.9	106.1	120.8	112.6	113.0

<sup>1</sup> The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967. <sup>2</sup> Beginning January 1967, reclassified "industrial commodities." <sup>3</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Labor. Beginning January 1957, data represent the revised sample and the 1957-59 weighting pattern. Prior to 1957, index is based on the month-to-month movement of the various individual products price series included in the former index. Data for 1944-53 in *Agricultural Statistics, 1967*, table 686.

Table 670.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1954-69

[1910-14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>1</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool	Livestock and livestock products	All farm products	Parity ratio <sup>2</sup>
1954	232	203	274	443	304	209	206	216	226	169	242	263	246	178	298	249	246	89
1955	228	183	272	437	249	202	198	223	239	178	231	246	247	191	249	234	232	84
1956	224	182	268	452	255	215	212	232	244	150	235	235	255	176	238	226	230	83
1957	225	166	263	466	244	203	204	226	244	150	225	275	259	162	292	244	235	82
1958	208	154	253	482	225	248	261	241	269	171	223	335	254	170	216	273	250	85
1959	202	156	267	506	219	215	221	239	267	168	222	313	257	143	231	256	240	81
1960	203	152	254	500	214	244	254	230	256	204	222	296	259	160	235	253	239	80
1961	209	152	261	530	257	246	255	225	248	157	227	299	260	146	232	251	240	79
1962	226	155	271	530	248	233	238	248	283	157	232	310	253	145	252	255	244	80
1963	224	165	271	494	256	291	306	236	268	157	240	290	253	146	269	245	243	78
1964	190	167	262	490	256	306	320	248	286	230	239	270	256	142	291	236	248	76
1965	164	174	245	513	265	246	247	261	297	295	233	319	261	145	262	261	248	77
1966	185	180	215	552	293	257	259	285	331	198	236	356	294	161	275	292	266	80
1967	177	174	191	555	276	244	242	283	324	193	226	336	306	132	223	277	254	74
1968	160	159	192	567	284	316	317	302	352	202	229	346	318	142	220	288	261	73
1969 <sup>3</sup>	154	166	173	594	252	252	250	298	358	212	220	400	331	162	226	323	275	74

<sup>1</sup> Fresh market for noncitrus, and fresh market and processing for citrus. <sup>2</sup> Ratio of index of prices received to index of prices paid including interest, taxes, and farm wage rates. <sup>3</sup> Preliminary.

Statistical Reporting Service. 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. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953-57. Data for 1944-53 in *Agricultural Statistics, 1967*, table 687.

Table 671.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1954-69<sup>1</sup>

[1810-14=100]

Year	Commodities bought for use in production									
	Feed	Live-stock	Motor supplies	Motor vehicles	Farm machinery	Farm supplies	Building and fencing materials	Fertilizer	Seed	All commodities bought for use in production
1954	226	302	162	355	312	264	348	158	224	255
1955	211	297	164	358	312	259	356	155	235	251
1956	206	276	167	367	326	260	371	152	208	250
1957	201	310	173	395	342	262	383	153	215	257
1958	198	380	172	412	357	264	385	153	212	264
1959	199	380	173	425	372	262	393	152	202	266
1960	194	358	175	420	382	262	393	152	211	265
1961	196	357	176	417	391	265	391	154	209	266
1962	198	371	174	433	398	265	390	153	217	270
1963	207	351	175	447	405	266	389	152	231	273
1964	205	312	174	454	414	268	388	151	229	270
1965	207	344	176	464	426	270	391	152	237	276
1966	217	383	177	480	442	272	399	152	232	285
1967	212	372	181	498	462	274	407	153	236	287
1968	203	389	184	525	484	279	431	148	250	292
1969	205	436	190	545	509	286	464	142	254	304

  

Year	Commodities bought for use in family maintenance							All commodities bought for use in production and family maintenance	Inter-est payable per acre	Taxes payable per acre	Wage rates for hired farm labor <sup>2</sup>	All commodities bought, including interest, taxes, and wage rates <sup>1</sup>
	Food and tobacco	Clothing	Household		Building materials, house	Autos and auto supplies	All commodities bought for use in family maintenance					
			Operation	Furnishings								
1954	264	304	194	272	379	292	270	262	125	384	510	278
1955	259	305	195	266	388	297	270	259	136	403	516	276
1956	261	313	198	266	401	301	274	260	151	432	536	278
1957	271	318	203	268	407	316	282	267	167	462	558	287
1958	283	322	206	266	403	321	287	273	182	494	574	294
1959	278	329	208	267	410	330	288	275	200	532	612	298
1960	279	339	208	265	412	326	290	275	221	578	631	300
1961	282	342	212	261	410	319	291	276	242	618	641	302
1962	286	349	216	260	408	324	295	280	268	656	666	307
1963	290	352	220	258	409	329	298	283	300	681	677	312
1964	294	356	223	256	409	331	300	282	339	710	693	313
1965	303	362	225	257	413	333	306	288	383	756	728	321
1966	319	377	228	257	423	337	315	297	429	819	785	334
1967	320	397	233	263	434	346	322	302	478	888	847	342
1968	329	422	239	272	464	364	335	310	525	987	917	355
1969	344	447	246	282	503	376	351	324	570	1,081	1,010	373

<sup>1</sup> The overall index is shown as the Parity Index which is the Index of Prices Paid by Farmers including Interest, Taxes, and Wage Rates.

<sup>2</sup> Simple average of quarterly indexes seasonally adjusted.

Statistical Reporting Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 688.

Table 672.—Prices paid by farmers: Prices, by commodities, United States, average 1957-59, annual 1966-69<sup>1</sup>

Commodity and unit	Average	1966	1967	1968	1969
	1957-59				
<b>Food:</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Steak, round, per pound	0.892	0.990	0.994	1.02	1.14
Hamburger (beef), per pound	.526	.594	.596	.611	.679
Chuck roast, per pound	.581	.627	.636	.655	.747
Bologna, per pound	.556	.648	.648	.662	.737
Bacon, sliced, per pound	.638	.862	.767	.741	.838
Ham, whole, per pound	.642	.799	.698	.695	.746
Pork chops, per pound	.738	.876	.871	.874	.990
Pork sausage, per pound	.512	.630	.623	.631	.719
Frying chickens, per pound	.427	.404	.378	.395	.416
Salmon, pink, per 16-ounce can	.632	.781	.806	.878	.899
Frozen haddock, per pound	.527	.638	.650	.654	.700
Lard, per pound	.211	.246	.226	.213	.232
Vegetable shortening, per 3-pound can	.915	.874	.846	.822	.842
Margarine, per pound	.271	.277	.284	.278	.270
Salad dressing, per quart jar	.526	.552	.553	.551	.557
Peanut butter, per pound	.495	.538	.540	.543	.562
Milk, fluid, per half gallon <sup>2</sup>	.242	.262	.273	.273	.273
Milk, evaporated, per 14½-ounce can	.156	.169	.181	.187	.191
Butter, packaged, per pound	.756	.911	.883	.890	.904
<b>Cheese:</b>					
Processed, American, per pound		.687	.742	.748	.778
Natural cheddar, American, per pound		.719	.783	.793	.835
Ice cream, per half gallon	.870	.844	.850	.860	.872
Eggs, per dozen	.516	.542	.459	.529	.628
Flour, per 25-pound sack	2.15	2.44	2.50	2.47	2.48
Bread, white, loaf, per pound	.187	.228	.232	.234	.241
Soda crackers, packaged, per pound	.292	.335	.336	.350	.356
Corn flakes, packaged, per pound	.322	.408	.431	.436	.437
Baking powder, canned, per pound	.249	.312	.314	.332	.350
Cake mix, packaged, per pound	.298	.339	.344	.343	.353
Gelatin dessert, flavored, per pound	.493	.601	.621	.626	.634
Corn, per standard No. 303 can	.174	.213	.227	.244	.233
Peas, per standard No. 303 can	.179	.213	.220	.229	.224
Beans, dry, Navy, per pound	.168	.189	.194	.202	.199
Potatoes, Irish, per 10-pound bag	.539	.640	.631	.670	.704
Cabbage, per pound	.0862	.115	.108	.114	.114
Lettuce, per head	.210	.282	.227	.240	.295
Tomatoes, fresh, per pound	.271	.325	.308	.365	.408
Frozen peas, per 10-ounce package	.205	.225	.226	.229	.233
Apples, per pound	.156	.177	.188	.211	.225
Bananas, per pound	.170	.166	.165	.166	.167
Oranges, per dozen	.550	.632	.635	.740	.681
Frozen orange juice concentrate, per 6-ounce can	.229	.235	.200	.227	.253
Peaches, halves in heavy sirup, per No. 2½ can	.360	.354	.335	.376	.370
Sugar, per 5-pound bag <sup>3</sup>	1.10	.634	.646	.658	.670
<b>Sirup:</b>					
Cane blend with corn and sugar sirup, per pint (16 fl. oz.)		.279	.288	.301	.318
Maple blend with corn and sugar sirup, per pint (16 fl. oz.)		.396	.403	.414	.434
Candy, non-chocolate, without nuts, per pound	.343	.424	.428	.448	.471
Coffee, ground, per pound	.866	.850	.814	.818	.834
Tea, Orange Pekoe, packaged, per pound	1.67	1.74	1.76	1.78	1.78
Cola drinks, per 16 fl. ounces	.090	.125	.129	.140	.148
<b>Tobacco:</b>					
Smoking tobacco, packaged, per pound	1.39	1.87	1.91	1.91	2.07
Cigarettes, per package of 20	.246	.303	.315	.332	.350
<b>Clothing and yard goods:</b>					
<b>Men's clothing:</b>					
Overalls, each	3.51	4.13	4.48	4.88	5.22
Shirts, cotton, work, each	2.02	2.55	2.73	2.94	3.14
Undershirts, sleeveless, each	.685	.781	.846	.909	.985
Shorts, each	.808	.895	.943	1.02	1.09
Union suits, heavy, cotton, each	2.79	3.28	3.45	3.70	3.89
Gloves, canvas, work, per pair	.360	.416	.436	.462	.489
Jackets, chore, lined, each		7.20	7.48	8.09	8.55
Socks, cotton, work, per pair	.326	.384	.404	.428	.450
Shoes, work, per pair	7.87	9.84	10.5	11.0	11.6
Boots, rubber, knee-length, per pair	6.86	7.18	7.42	7.63	7.98
Suits, wool, 1 pair pants, each	43.60	53.00	55.50	59.10	64.90
Trousers, extra, woolen, each	11.00	12.60	13.10	13.90	14.80
Trousers, artificial fiber mixtures, each <sup>4</sup>	4.15	5.44	8.60	9.07	9.60
Shirts, broadcloth, each	3.12	3.58	3.76	4.04	4.27
Overcoats, all wool, each	38.40	43.20	47.60	50.50	53.10
Hats, felt, each	6.88	8.34	8.80	9.17	9.52
Shoes, dress, per pair	9.42	11.30	12.00	12.70	13.40
Overshoes, rubber, per pair:					
With buckles or zippers	6.04	6.24	6.32	6.55	6.81
Without buckles or zippers	3.30	3.72	3.79	4.06	4.24

See footnotes at end of table.

Table 672.—Prices paid by farmers: Prices, by commodities, United States, average 1957-59, annual 1966-69<sup>1</sup>—Continued

Commodity and unit	Average 1957-59	1966	1967	1968	1969
Clothing and yard goods—Continued					
Boys' clothing:					
Suits, 6-12 years, each <sup>5</sup> .....	Dollars 19.70	Dollars 20.40	Dollars 17.80	Dollars 18.30	Dollars 19.0
Overalls, waist, each.....	2.28	2.84	3.07	3.34	3.55
Sweaters, pull-over, part-wool, each.....	3.67	6.20	6.11	6.49	6.70
Shoes, dress, sizes 2½-6, per pair.....	6.01	7.11	7.44	7.80	8.24
Women's clothing:					
Dresses:					
House, percale, each.....	3.29	4.45	4.72	5.12	5.62
Street, cotton, each.....	6.18	7.62	7.88	8.26	8.85
Rayon, each.....	8.38	9.96	10.4	11.0	11.8
Panties or briefs, nylon, each.....		829	869	910	932
Slips, cotton, each <sup>6</sup> .....	2.48	2.66	2.53	2.66	2.74
Nightgowns, cotton, each.....	2.57	2.99	3.10	3.28	3.48
Car coats, each <sup>4</sup> .....	14.20	15.40	18.40	20.50	22.1
Coats, all new wool, heavy, each:					
With fur trim.....	49.30	57.50	60.00	63.40	66.9
Without fur trim.....	32.50	37.50	39.30	41.20	45.00
Sweaters, artificial fibers, each <sup>7</sup> .....	5.53	6.98	7.24	7.78	8.02
Hats, felt, each.....	3.80	4.71	4.95	5.21	5.49
Hose, nylon, per pair.....	1.04	.932	.928	.940	.949
Shoes or Oxfords, per pair.....	5.76	6.80	7.18	7.76	8.41
Girls' clothing:					
Dresses, cotton, sizes 7-14 years, each.....	3.68	4.42	4.61	4.88	5.16
Coats, heavy, all wool, each.....	16.60	18.60	19.00	20.20	20.80
Shoes, dress or Oxfords, sizes 12½-3, per pair.....	4.72	5.32	5.58	5.95	6.39
Yard goods:					
Percale, 36-inch width, per yard.....	.466	.528	.547	.570	.606
Gingham, 36-inch width, per yard.....	.707	.720	.722	.736	.757
Household operation:					
Coal, bituminous, prepared sizes, per ton.....	18.00	19.80	20.00	20.8	21.60
Coal, bituminous, run-of-mine, per ton.....	16.80	18.00	19.00	19.4	20.60
Coal, anthracite, per ton.....	24.70	26.00	26.50	27.4	28.20
Wood, per cord.....	12.70	16.10	16.40	17.2	18.10
Electricity, per kilowatt hour.....	.0239	.0220	.0217	.0215	.0209
Telephone, per month.....	4.04	5.08	5.15	5.30	5.55
Newspapers, yearly subscription.....	10.40	12.80	13.20	13.60	14.40
Laundry starch, packaged, per pound.....	.187	.243	.248	.255	.271
Laundry detergents, per pound.....	.279	.285	.286	.296	.308
Toilet soap, regular size, per cake.....	.109	.136	.140	.144	.147
Household furnishings:					
Floor lamps, medium quality, each.....	16.80	20.00	21.50	23.50	27.00
Radios, table model, 4 tubes, plus rectifier, each.....	26.20	20.20	19.60	20.00	19.30
Television sets, 18-inch portable, each <sup>8</sup> .....	182.00	154.00	152.00	150.00	150.00
Television sets, 23-inch console, color, each <sup>8</sup> .....				556.00	550.00
Refrigerators, 14 cu. ft. capacity, each.....	399.00	294.00	288.00	294.00	297.00
Washing machines, wringer type, elec. each.....	144.00	148.00	151.00	156.00	160.00
Washing machines, automatic, elec., each.....	267.00	234.00	236.00	242.00	244.00
Sewing machines, portable, incl. carrying case, each.....	98.40	83.30	85.20	87.30	88.90
Clothes dryers, 12-16 pound capacity <sup>9</sup> .....		174.00	176.00	179.00	182.00
Vacuum cleaners, canister type, each.....	63.50	50.60	51.40	53.00	53.80
Irons, electric, combination spray-steam, each <sup>10</sup> .....	11.80	12.40	14.70	15.10	15.40
Electric toasters, pop-up.....	19.20	16.20	16.40	16.60	16.70
Electric ranges, 4-top heating units, each.....	241.00	222.00	224.00	230.00	229.00
Gas ranges, 4-burner, each.....	177.00	180.00	184.00	187.00	196.00
Kitchen wall cabinet unit, double-door, each.....	23.10	25.00	25.80	30.20	33.00
Dinner plates, plain, each <sup>11</sup> .....	1.30	1.71	.314	.325	.341
Brooms, each.....	1.44	1.50	1.52	1.60	1.65
Fruit jars, Mason, 1 quart, per dozen.....	1.35	1.58	1.61	1.68	1.75
Innerspring mattress and boxspring sets, full size, 54 by 75 inches <sup>12</sup> .....	44.00	46.30	48.00	50.30	97.50
Bedroom sets, 3 pieces, per set.....	184.00	199.00	211.00	228.00	246.00
Living-room sets, 2 pieces, per set.....	196.00	212.00	224.00	239.00	254.00
Lounge chairs, upholstered.....	72.60	81.30	87.10	94.80	102.00
Dining-room sets, 8 pieces, per set.....	269.00	312.00	337.00	359.00	386.00
Sheets, 72 by 108 inches, medium quality, each <sup>13</sup> .....	2.24	2.44	2.70	2.85	2.92
Blankets, single, each:					
All wool, 80 by 90 inches <sup>14</sup> .....	11.30	11.10	11.40	12.00	11.90
Cotton, 80 by 90 inches <sup>15</sup> .....	2.59	3.18	3.36	3.62	3.80
Bath towels, 22 by 44 inches, each <sup>16</sup> .....	.693	.900	1.03	1.14	1.23
Curtains, kitchen, ready-made, per pair.....	2.16	2.56	2.65	2.76	2.88
Building materials:					
Framing lumber, 2 by 4 inches, per 1,000 board feet:					
Pine, No. 2 and better.....	125.00	132.00	135.00	155.00	175.00
Pine, under No. 2.....	105.00	108.00	112.00	130.00	146.00
Fir, No. 2 and better.....	144.00	147.00	150.00	174.00	196.00
Fir, under No. 2.....	117.00	112.00	115.00	137.00	156.00

See footnotes at end of table.

Table 672.—Prices paid by farmers: Prices, by commodities, United States, average 1957-59, annual 1966-69<sup>1</sup>—Continued

Commodity and unit	Average 1957-59	1966	1967	1968	1969
Building materials—Continued					
Boards, per 1,000 board feet:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Rough, No. 2 and better <sup>17</sup>	130.00	135.00	139.00	155.00	182.00
Rough, under No. 2 <sup>18</sup>	108.00	110.00	113.00	128.00	152.00
Dressed, No. 2 and better <sup>17</sup>	156.00	165.00	169.00	186.00	219.00
Dressed, under No. 2 <sup>18</sup>	122.00	120.00	124.00	140.00	170.00
Ship-lap, pine, per 1,000 board feet:					
No. 2 and better <sup>17</sup>	135.00	137.00	142.00	156.00	186.00
Under No. 2 <sup>18</sup>	122.00	118.00	121.00	136.00	167.00
Drop-siding, per 1,000 board feet:					
Pine, C and better	210.00	204.00	207.00	222.00	244.00
Fir, C and better	239.00	251.00	262.00	276.00	320.00
Bevel-siding, per 1,000 board feet:					
Cedar, clear	176.00	205.00	215.00	232.00	264.00
Flooring, per 1,000 board feet:					
Yellow pine, B and better	221.00	223.00	228.00	239.00	264.00
Fir, V G, B and better	263.00	308.00	317.00	335.00	374.00
Fir, V G, under B	206.00	238.00	242.00	264.00	354.00
Shingles, wood, cedar, 16 inches, per square	14.40	17.40	17.80	21.30	28.60
Doors, fir, 2-panel, each	11.50	13.20	13.80	15.10	
Doors, flush, hollow-core, each	11.10	8.70	8.74	9.50	10.30
House windows, D. H. Unit with frames and sashes	20.90	23.80	24.20	26.20	28.20
Window sash, plain rail		5.36	5.67	6.47	7.79
Nails, 8d, common, per pound	.166	.178	.180	.184	.192
Screen wire, galvanized, 16-mesh, 30-inch width, per linear foot	238	236	236	242	246
Roofing, galvanized steel, per 100 square feet	13.00	13.20	13.30	13.90	14.20
Roofing, composition, per 100 square feet	4.32	4.18	4.19	4.31	4.39
Asbestos siding shingles	17.30	21.70	22.20	23.60	24.90
Gypsum board, 5/8-inch, per 1,000 square feet	59.00	58.30	59.80	62.20	64.00
Shingles, asphalt, per square	9.01	9.32	9.33	9.66	9.78
Insulating board, per 1,000 square feet	85.10	87.90	89.00	91.80	78.40
Bricks, common, per 1,000	52.50	61.40	63.20	66.10	69.20
Drainage tile, 4-inch:					
Clay, per foot	.136	.147	.154	.162	.174
Concrete, per foot	.126	.145	.153	.155	.163
Concrete blocks, per 100	25.00	26.40	27.10	28.20	29.50
Portland cement, per 94 pounds	1.47	1.57	1.61	1.68	1.74
Paint, house, per gallon	6.34	6.46	6.63	6.90	7.18
Linseed oil, per gallon	2.84	3.15	3.20	3.29	3.42
Barbed wire, 2-point, per spool of 80 rods	9.93	9.72	10.00	10.20	10.40
Barbed wire, 4-point, per spool of 80 rods	11.00	10.90	11.10	11.40	11.70
Posts, wood, line fence, each	.750	.841	.889	.954	1.02
Posts, steel, each	1.15	1.14	1.16	1.19	1.22
Staples, fence, per pound	.178	.194	.199	.203	.210
Woven wire fencing, 32-inch, per 20-rod roll	22.70	23.20	24.00	24.20	25.10
Iron pipe, galvanized, 1 1/4-inch diameter, per foot	.445	.468	.472	.478	.493
Motor supplies:					
Gasoline, regular, filling station, per gallon	.309	.320	.330	.332	.344
Gasoline, tank truck, per gallon	.268	.277	.282	.284	.295
Kerosene, per gallon	.183	.191	.195	.199	.202
Tractor fuel, diesel, per gallon	.165	.167	.168	.174	.179
Motor oil, regular, nondetergent, per gallon	1.22	1.24	1.27	1.30	1.34
Motor oil, heavy duty detergent, per gallon	1.54	1.56	1.61	1.66	1.72
Motor oil, all weather high detergent, per gallon	1.82	1.88	1.92	2.00	2.06
Grease, per pound	.231	.234			
Tires, 6.70 x 15, 4-ply tubeless, each	23.20	20.80	22.40	23.40	24.10
Tires, 6.70 x 15, 4-ply tube type, each	19.40	17.30	18.40	19.00	19.60
Inner tubes, 6.70 x 15, each	3.84	3.27	3.32	3.35	3.35
Tires, truck, 7.50 x 20, 1-ply, each	77.80	63.20	63.70	64.90	66.50
Spark plugs, each	.900	.917	.927	.948	.987
Storage batteries, 51 plates, 6-volt, each	19.80	19.00	19.00	19.40	19.90
Storage batteries, 64 plates, 12-volt, each	22.90	21.50	21.50	21.80	22.40
Motor vehicles:					
Autos, 4-door sedans:					
6-cylinder, each <sup>19</sup>	2,300.00	2,260.00	2,390.00	2,495.00	
8-cylinder, each <sup>20</sup>	2,910.00	2,790.00	2,950.00	3,070.00	
Intermediate size <sup>21</sup>				3,010.00	3,080.00
Low price standard size <sup>22</sup>		3,020.00	3,170.00	3,350.00	3,500.00
Medium price standard size <sup>23</sup>				3,690.00	3,800.00
Trucks:					
2-ton, cab and chassis, each <sup>24</sup>	3,000.00	3,420.00	3,620.00	3,820.00	4,020.00
1/2-ton, pickup <sup>25</sup>	1,970.00	2,200.00	2,350.00	2,520.00	2,680.00
Tractors:					
Wheel, 30-39 belt horsepower, each	(26)	<sup>27</sup> 3,580.00	<sup>27</sup> 3,700.00	3,820.00	3,880.00
Wheel, 40-49 belt horsepower, each	(26)	<sup>27</sup> 4,420.00	<sup>27</sup> 4,590.00	4,780.00	
Wheel, 50-59 belt horsepower, each	(26)	<sup>27</sup> 5,280.00	<sup>27</sup> 5,440.00	5,670.00	5,830.00
Wheel, 60-69 belt horsepower, each	(26)	<sup>27</sup> 6,210.00	<sup>27</sup> 6,460.00	6,700.00	
Wheel, 70-79 belt horsepower, each	(26)	6,800.00	7,020.00	7,380.00	7,590.00

See footnotes at end of table.



Table 672.—Prices paid by farmers: Prices, by commodities, United States, average 1957-59, annual 1966-69<sup>1</sup>—Continued

Commodity and unit	Average 1957-59	1966	1967	1968	1969
<b>Motor vehicles—Continued</b>					
<b>Tractors—Continued</b>					
Crawler, 20-34.9 db. hp., each <sup>28</sup>	Dollars 5,230.00	Dollars 5,740.00	Dollars 5,960.00	Dollars 6,290.00	Dollars 6,830.00
Crawler, 35-49.9 db. hp., each	7,260.00	8,390.00	8,120.00	8,560.00	9,250.00
<b>Farm machinery:</b>					
Plows, tractor, moldboard, two bottom, each	280.00	342.00	362.00	376.00	396.00
Plows, tractor, moldboard, three bottom, each	418.00	580.00	606.00	639.00	664.00
Disk harrows, tandem, 7-ft., each	321.00	363.00	366.00	381.00	395.00
Spiketooth harrows, steelbar, one section	36.00	50.20	52.60	54.60	58.00
Cultivators, 4-row, tractor, each	654.00	811.00	840.00	878.00	906.00
Corn planters, 4-row, plain, each	549.00	846.00	878.00	919.00	1,016.00
Grain drills, tractor-drawn, 15-17-tube, plain, each <sup>29</sup>	634.00	855.00	900.00	914.00	1,000.00
Grain drills, tractor-drawn, 18-20-tube, plain, each <sup>30</sup>	724.00	1,040.00	1,080.00	1,140.00	1,200.00
Mowers, tractor, 7-ft., each	394.00	540.00	568.00	593.00	629.00
Pick-up balers, automatic tie, P.T.O., each	1,820.00	2,000.00	2,070.00	2,150.00	2,270.00
<b>Combines, self-propelled:</b>					
Small capacity, 11.5-ft. header, each <sup>31</sup>	6,320.00	8,060.00	8,580.00	9,200.00	8,920.00
Medium capacity, 13.5-ft. header, each					11,600.00
Large capacity, 16.0-ft. header, each					15,600.00
Combines, 5-6 feet, P.T.O., each	1,800.00	2,600.00	2,780.00	2,920.00	
Corn picker-huskers, 2-row, each	2,120.00	3,020.00	3,280.00	3,500.00	3,740.00
Hammer mills, each	273.00	314.00	323.00	336.00	353.00
Single milker units, each	131.00	152.00	157.00	165.00	170.00
Farm wagons, for rubber tires, less tires, each	184.00	202.90	210.00	222.00	238.00
Power sprayers, boom type, tr. mtd, each	196.00	302.00	342.00	382.00	428.00
Gas engines, 3-horsepower, each	87.50	60.00	61.40	61.90	63.80
Electric motors, ¼-horsepower, each	20.70	20.70	21.20	21.80	22.40
<b>Farm supplies:</b>					
Axes, with handle, each	6.03	6.26	6.36	6.58	6.83
Hammers, nail, with handle, each	3.28	3.94	4.11	4.29	4.46
Pitchfork, 3-tine, each	3.66	4.42	4.96	5.17	5.48
Pitchfork, 4-tine, each	4.41	5.42	5.67	5.91	6.20
Hoes, 7-inch blade, each	2.38	2.80	2.90	3.01	3.19
Milk cans, 10 gallons, each	13.60	15.50	15.80	16.20	16.20
Milk pails, 12 quarts, each	2.21	2.56	2.72	2.83	2.87
Rope, manila, per pound	.755	.872	.890	.898	.914
Binder twine, per pound	.235	.268	.264	.257	.250
New baskets, round stave, bushel, with cover, per dozen	4.67	5.56	5.83	5.99	6.20
Lead arsenate, per pound	.377	.375	.368	.406	.391
<b>Fertilizer:</b>					
<b>Mixed fertilizer:</b>					
0-20-20, per ton	64.30	65.20	65.60	62.60	57.50
3-9-9, per ton	42.40	58.60	60.10	60.50	58.40
4-8-12, per ton	47.80	53.30	55.00	53.90	53.40
4-12-12, per ton	39.60	42.00	43.00	43.00	42.20
5-10-10, per ton	50.10	51.00	51.40	50.80	48.70
5-10-15, per ton	58.30	45.60	45.80	45.60	44.40
5-20-20, per ton	77.60	74.20	74.20	71.60	65.40
6-8-8, per ton	42.80	43.00	43.00	43.20	43.20
6-24-24, per ton		85.00	85.00	80.10	72.80
10-10-10, per ton	66.20	62.50	62.60	61.60	58.40
12-12-12, per ton	71.10	69.90	70.40	67.90	63.70
18-46-0, per ton		108.00	108.00	98.10	93.00
Nitrate of soda, per ton	59.80	60.00	60.10	59.80	60.00
Sulphate of ammonia, per ton	59.30	52.80	54.80	53.60	52.60
Ammonium nitrate, per ton	81.80	75.80	73.70	66.60	60.90
Superphosphate, 20% P <sub>2</sub> O <sub>5</sub> , per ton	37.00	41.30	42.10	43.20	44.20
Superphosphate, 46% P <sub>2</sub> O <sub>5</sub> , per ton	82.20	81.50	82.20	76.80	73.70
Phosphate rock, per ton	21.40	21.60	22.00	21.80	22.30
Ammonium phosphate, 16-20, per ton	89.60	80.60	80.20	78.50	77.40
Muriate of potash, 60% K <sub>2</sub> O, per ton	52.10	54.20	<sup>32</sup> 52.20	48.80	46.50
Agricultural limestone, spread on field, per ton	4.55	5.10	5.18	5.28	5.44
<b>Livestock:</b>					
<b>Feeders and stockers:</b>					
Cattle and calves, per 100 pounds	23.10	25.00	24.60	25.80	29.40
Lambs, per 100 pounds	20.70	22.80	21.30	24.20	26.90
Hogs (40-60 lbs. av.), per 100 pounds <sup>33</sup>	18.50	40.60	33.50	33.00	39.20
Baby chicks, straight run, per 100	13.00	12.50	11.40	11.70	11.80
Turkey poults, each	.590	.570	.557	.545	.547
<b>Feed:</b>					
Alfalfa hay, baled, per ton	<sup>34</sup> 32.80	33.40	34.10	32.90	34.10
Other hay, baled, per ton	<sup>34</sup> 32.00	32.20	32.30	31.20	31.70
Cottonseed meal, per 100 pounds	<sup>34</sup> 4.53	4.95	5.32	5.22	4.96
Soybean meal, per 100 pounds	<sup>34</sup> 4.91	5.55	5.41	5.39	5.33
Tankage, per 100 pounds	<sup>34</sup> 5.94	7.00	6.31	6.29	6.44
Bran, per 100 pounds	<sup>34</sup> 3.15	3.45	3.62	3.46	3.51
Middlings, per 100 pounds	<sup>34</sup> 3.23	3.54	3.72	3.55	3.61
Mill run, per 100 pounds	<sup>34</sup> 3.02	3.28	3.33	3.21	3.21

See footnotes at end of table.

Table 672.—Prices paid by farmers: Prices, by commodities, United States, average 1957-59, annual 1966-69<sup>1</sup>—Continued

Commodity and unit	Average 1957-59	1966	1967	1968	1969
Feed—Continued					
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Cornmeal, per 100 pounds.....	<sup>34</sup> 3.25	3.39	3.42	3.16	3.28
Hominy feed, per 100 pounds.....	<sup>34</sup> 3.32	3.48	3.50	3.30	3.48
Layer feed, per ton.....	<sup>34</sup> 84.00	86.00	86.00	<sup>35</sup> 80.00	80.00
Broiler grower, per ton.....	<sup>34</sup> 91.00	94.00	93.00	89.00	90.00
Chick starter, per ton.....	<sup>34</sup> 95.00	98.00	97.00	93.00	94.00
Dairy feed:					
14 percent protein, per ton.....	<sup>34</sup> 68.00	68.00	69.00	67.00	67.00
16 percent protein, per ton.....	<sup>34</sup> 72.00	74.00	75.00	72.00	71.00
18 percent protein, per ton.....	<sup>34</sup> 72.00	76.00	77.00	75.00	74.00
20 percent protein, per ton.....	<sup>34</sup> 78.00	81.00	82.00	78.00	78.00
32 percent protein, per ton.....				98.00	99.00
40 percent and over protein, per ton.....				109.00	108.00
Stock salt, per 100 pounds.....	<sup>34</sup> 1.65	1.68	1.70	1.74	1.78
Seeds:					
Barley, per bushel.....	1.88	2.00	2.01	2.06	2.00
Corn, hybrid, per bushel.....	11.00	12.40	12.90	13.90	13.70
Oats, per bushel.....	1.49	1.60	1.61	1.66	1.65
Potatoes, per 100 pounds.....	3.34	3.72	3.38	2.92	3.60
Rye, per bushel.....	2.46	2.51	2.48	2.55	2.57
Soybeans, per bushel.....	3.43	4.26	4.40	4.05	4.16
Wheat, per bushel.....	2.70	2.58	2.73	2.47	2.38
Alfalfa, common, per 100 pounds.....	37.70	47.30	50.60	58.00	54.40
Alfalfa, certified Grimm, per 100 pounds.....	45.90	57.90	60.20	65.10	62.20
Alsike clover, per 100 pounds.....	39.00	33.60	32.50	32.60	37.60
Red clover, per 100 pounds.....	45.70	40.30	40.30	48.80	57.40
Sweetclover, per 100 pounds.....	17.70	17.10	17.20	17.40	24.50
Lespedeza, Korean, per 100 pounds.....	12.80	18.20	22.40	25.60	26.20
Sudangrass, per 100 pounds.....	10.40	13.20	13.20	13.50	13.40
Timothy, per 100 pounds.....	24.20	30.00	22.30	20.00	23.60

<sup>1</sup> Annual average of prices at independent and chain stores. Prices paid by farmers are collected for the most part from retail establishments located in small cities, towns, and in rural areas through using questionnaires sent and returned by mail.

<sup>2</sup> Quart prior to 1968.

<sup>3</sup> 10-pound bag prior to 1966.

<sup>4</sup> Cotton prior to 1967.

<sup>5</sup> Wool prior to 1967.

<sup>6</sup> Rayon prior to 1967.

<sup>7</sup> Wool prior to 1966.

<sup>8</sup> Viewable picture area defined by Federal Trade Commission Jan. 1, 1967.

<sup>9</sup> 12-15 pound capacity, 1966-67; 8-10 pound capacity prior to 1966.

<sup>10</sup> Standard size prior to 1967.

<sup>11</sup> Per half dozen prior to 1967.

<sup>12</sup> Mattresses, 54-inch innerspring, prior to 1969.

<sup>13</sup> 81 by 99 inches prior to 1965.

<sup>14</sup> 72 by 90 inches prior to 1967.

<sup>15</sup> 72 by 84 inches prior to 1967.

<sup>16</sup> 20 by 40 inches prior to 1967.

<sup>17</sup> Includes standard and better.

<sup>18</sup> Includes "utility" and "economy."

<sup>19</sup> 1957-59 average is for 4-door sedans. 1968 model designations include Ford Falcon, Chevrolet II, Plymouth Valiant, and Rambler. Comparable model designations are included for earlier years.

<sup>20</sup> 1957-59 average is for 4-door sedans. 1968 model designations include Ford Custom 500, Chevrolet Bel Air, Plymouth Fury II, and Buick Special. Comparable model designations are included for earlier years.

<sup>21</sup> Current coverage includes Chevrolet Chevelle Malibu, Ford Torino, and Plymouth Satellite.

<sup>22</sup> Current coverage includes Chevrolet Impala, Ford Galaxie, and Plymouth Fury III.

<sup>23</sup> Current coverage includes Pontiac Catalina, and Buick LeSabre.

<sup>24</sup> Coverage includes Ford and Chevrolet.

<sup>25</sup> Coverage includes Ford, Chevrolet, International, and Dodge.

<sup>26</sup> Not comparable to 1965, 1966, 1967, and 1968 prices.

<sup>27</sup> Revised from 85 percent of maximum P.T.O. or belt horsepower to maximum P.T.O. or belt horsepower.

<sup>28</sup> 25-34.9 drawbar horsepower prior to 1969.

<sup>29</sup> 18-tube prior to 1969.

<sup>30</sup> 20-tube prior to 1969.

<sup>31</sup> 12 feet prior to 1969.

<sup>32</sup> 55 percent K<sub>2</sub>O prior to September 1967.

<sup>33</sup> Price series based on prices for 40-60 pound feeder pigs. Prior to July 1965, price series based on prices paid for feeder hogs weighing 100-160 pounds.

<sup>34</sup> 1963-65 average.

<sup>35</sup> Specification changed to "complete feed."

Statistical Reporting Service.

**Table 673.—Farm income: Gross and net income from farming, United States, 1954–69<sup>1</sup>**

Year	Cash receipts			Nonmoney income					Gross income		Production expenses	Net income of farm operators	
	Farm marketings	Government payments	Total	Realized			Change in inventory	Total	Realized	Total		Realized	Total
				Home consumption	Imputed rent	Total							
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1954	29,832	257	30,089	1,789	1,711	3,500	491	3,991	33,589	34,080	21,577	12,012	12,503
1955	29,490	229	29,719	1,678	1,741	3,419	215	3,634	33,138	33,353	21,889	11,249	11,464
1956	30,401	554	30,955	1,585	1,734	3,319	—456	2,863	34,274	33,818	22,374	11,900	11,444
1957	29,714	1,016	30,730	1,484	1,787	3,271	618	3,889	34,001	34,619	23,294	10,707	11,325
1958	33,456	1,089	34,545	1,505	1,861	3,366	825	4,191	37,911	38,736	25,236	12,675	13,500
1959	33,511	682	34,193	1,318	1,957	3,275	92	3,367	37,468	37,560	26,106	11,362	11,454
1960	34,154	702	34,856	1,250	1,981	3,231	343	3,574	38,088	38,431	26,352	11,736	12,079
1961	35,089	1,493	36,582	1,176	2,012	3,188	341	3,529	39,771	40,112	27,125	12,646	12,987
1962	36,356	1,747	38,103	1,076	2,079	3,155	596	3,751	41,258	41,854	28,639	12,619	13,215
1963	37,398	1,696	39,094	1,016	2,161	3,177	623	3,800	42,271	42,894	29,688	12,583	13,206
1964	37,233	2,181	39,414	930	2,223	3,153	—820	2,333	42,567	41,747	29,481	13,086	12,266
1965	39,350	2,463	41,813	813	2,300	3,113	994	4,107	44,926	45,920	30,933	13,993	14,987
1966	43,294	3,277	46,571	817	2,352	3,169	—81	3,088	49,740	49,659	33,406	16,334	16,253
1967	42,693	3,079	45,772	745	2,481	3,226	659	3,885	48,998	49,657	34,775	14,223	14,882
1968	44,218	3,462	47,680	732	2,626	3,358	116	3,474	51,038	51,154	36,012	15,026	15,142
1969 <sup>2</sup>	47,229	3,794	51,023	749	2,826	3,575	374	3,949	54,598	54,972	38,444	16,154	16,528

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 690.

Table 674.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1954-69<sup>1</sup>

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry <sup>2</sup>	Wool	Other live-stock and products <sup>3</sup>	Total live-stock and products
	<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>
1954.....	5,088	3,455	325	4,114	1,627	1,000	386	129	152	16,276
1955.....	5,245	2,694	316	4,217	1,777	1,070	377	91	180	15,967
1956.....	5,353	2,638	330	4,485	1,834	1,023	397	104	199	16,363
1957.....	5,944	3,062	330	4,628	1,682	1,024	370	141	195	17,376
1958.....	7,322	3,367	358	4,557	1,833	1,147	373	72	198	19,227
1959.....	7,834	2,784	334	4,604	1,545	1,045	392	113	212	18,863
1960.....	7,398	2,873	327	4,753	1,738	1,127	427	108	195	18,946
1961.....	7,565	3,140	302	4,918	1,737	1,045	415	109	198	19,429
1962.....	8,187	3,154	324	4,854	1,685	1,143	412	115	188	20,062
1963.....	8,101	3,035	319	4,860	1,732	1,155	435	115	211	19,963
1964.....	7,785	3,034	318	5,027	1,770	1,156	448	113	205	19,856
1965.....	8,942 <sup>4</sup>	3,693	329	5,037	1,788	1,304	489	95	281	21,958
1966.....	10,431	4,093	334	5,532	2,114	1,472	563	101	281	24,921
1967.....	10,478	3,755	300	5,743	1,781	1,315	544	75	262	24,259
1968.....	11,241	3,807	315	5,955	1,921	1,417	490	72	266	25,434
1969 <sup>4</sup> .....	12,522	4,667	332	6,172	2,256	1,634	533	70	253	28,439

  

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables <sup>5</sup>	Other crops <sup>6</sup>	Total crops
	<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>
1954.....	2,327	2,549	2,702	942	1,161	1,220	1,548	1,107	13,556
1955.....	1,990	2,555	2,580	1,131	1,225	1,276	1,683	1,083	13,523
1956.....	2,148	2,648	2,500	1,155	1,162	1,358	1,873	1,194	14,038
1957.....	1,868	2,395	1,756	1,131	971	1,292	1,710	1,165	12,338
1958.....	2,442	2,904	2,138	1,410	1,020	1,394	1,736	1,185	14,229
1959.....	2,247	2,779	2,647	1,280	1,060	1,501	1,803	1,331	14,648
1960.....	2,450	3,025	2,340	1,364	1,154	1,514	1,941	1,410	15,208
1961.....	2,487	2,779	2,482	1,647	1,325	1,592	1,872	1,476	15,660
1962.....	2,445	2,960	2,552	1,803	1,321	1,562	2,035	1,616	16,294
1963.....	2,524	3,401	2,838	1,954	1,269	1,669	2,018	1,762	17,435
1964.....	1,994	3,412	2,521	2,126	1,414	1,797	2,300	1,813	17,377
1965.....	2,041	3,669	2,330	2,173	1,186	1,667	2,550	1,746	17,392
1966.....	2,379	4,306	1,583	2,700	1,211	1,758	2,559	1,872	18,373
1967.....	2,382	4,337	1,095	2,805	1,391	1,843	2,649	1,932	18,434
1968.....	2,121	4,322	1,311	2,863	1,173	2,073	2,836	2,035	18,734
1969 <sup>4</sup> .....	2,057	4,379	1,059	2,910	1,296	2,206	2,781	2,102	18,790

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.<sup>2</sup> Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.<sup>3</sup> Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.<sup>4</sup> Preliminary.<sup>5</sup> Includes melons.<sup>6</sup> Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broom-corn, popcorn, hemp fiber and seeds, and flax fiber.Economic Research Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 691.

Table 675.—Farm income: Cash receipts from farming and value of home consumption, by States, 1969 (preliminary)

State	Cash receipts from farming				Value of home consumption <sup>1</sup>			Cash receipts from farming and value of home consumption	
	Farm marketings			Government payments	Total	Live-stock and products	Crops		Total
	Live-stock 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.....	158,434	81,065	239,499	1,901	241,400	1,825	1,307	3,132	244,532
New Hampshire.....	44,222	12,877	57,099	581	57,680	987	481	1,468	59,148
Vermont.....	137,497	14,331	151,828	1,444	153,272	2,047	1,289	3,336	156,608
Massachusetts.....	91,001	74,998	166,000	639	166,639	1,102	560	1,662	168,301
Rhode Island.....	11,018	10,003	21,021	69	21,090	143	54	197	21,287
Connecticut.....	104,606	61,515	166,121	808	166,929	1,096	521	1,617	168,546
New York.....	788,376	292,419	1,080,795	25,453	1,106,248	9,872	5,962	15,834	1,122,082
New Jersey.....	102,934	146,633	249,567	4,889	254,456	1,345	629	1,974	256,430
Pennsylvania.....	752,264	236,880	989,144	27,866	1,017,010	20,779	5,040	25,819	1,042,829
North Atlantic.....	2,190,352	930,722	3,121,074	63,650	3,184,724	39,196	15,843	55,039	3,239,763
Ohio.....	769,955	483,867	1,253,822	103,424	1,357,246	16,629	7,823	24,452	1,381,698
Indiana.....	816,595	670,518	1,487,113	132,164	1,619,277	13,879	6,138	20,017	1,639,294
Illinois.....	1,342,199	1,360,758	2,702,957	185,374	2,888,331	16,549	6,142	22,691	2,921,022
Michigan.....	480,162	383,154	863,316	73,394	936,710	12,981	6,341	19,322	956,032
Wisconsin.....	1,313,149	211,632	1,524,781	56,346	1,581,127	30,080	10,120	40,200	1,621,327
East North Central.....	4,722,060	3,109,929	7,831,989	560,702	8,392,691	90,118	36,564	126,682	8,519,373
Minnesota.....	1,341,693	615,756	1,957,449	171,156	2,128,605	25,202	7,231	32,433	2,161,038
Iowa.....	2,857,721	930,299	3,788,020	260,351	4,048,371	30,953	5,675	36,628	4,084,999
Missouri.....	1,031,985	413,975	1,445,960	156,259	1,602,219	24,701	10,781	35,482	1,637,701
North Dakota.....	264,997	479,260	744,257	162,966	907,223	10,245	1,392	11,637	918,860
South Dakota.....	802,766	183,251	986,017	94,361	1,080,378	10,626	1,002	11,628	1,092,006
Nebraska.....	1,399,187	534,158	1,933,345	200,603	2,133,948	13,837	2,282	16,119	2,150,067
Kansas.....	1,144,393	673,360	1,717,753	235,247	1,953,000	13,555	2,280	15,835	1,968,835
West North Central.....	8,842,742	3,730,059	12,572,801	1,280,943	13,853,744	128,919	30,643	159,562	14,013,306
Delaware.....	107,039	43,881	150,920	2,161	153,081	650	164	814	153,895
Maryland.....	265,532	123,793	389,325	8,602	397,927	3,845	1,076	4,921	402,848
Virginia.....	328,440	248,258	576,698	19,654	596,352	18,651	10,001	28,652	625,004
West Virginia.....	80,012	25,784	105,796	3,877	109,673	6,564	3,154	9,718	119,391
North Carolina.....	594,127	812,034	1,406,161	69,757	1,475,918	28,121	23,243	51,364	1,527,282
South Carolina.....	165,512	234,634	400,146	56,189	456,335	5,780	5,059	10,839	467,174
Georgia.....	740,445	407,432	1,147,877	86,089	1,233,966	13,361	8,571	21,932	1,255,898
Florida.....	382,141	960,974	1,343,115	19,284	1,362,399	4,210	4,844	9,054	1,371,453
South Atlantic.....	2,663,248	2,856,790	5,520,038	265,613	5,785,651	81,182	56,112	137,294	5,922,945
Kentucky.....	487,748	398,386	886,134	52,513	938,647	22,486	13,066	35,552	974,199
Tennessee.....	414,176	259,256	673,432	73,724	747,156	21,395	12,716	34,111	781,267
Alabama.....	526,859	195,695	722,554	82,032	804,586	13,941	9,558	23,499	828,085
Mississippi.....	481,509	325,737	807,246	133,611	940,857	12,736	10,040	22,776	963,633
Arkansas.....	534,006	504,902	1,038,908	82,488	1,121,396	9,312	6,811	16,123	1,137,519
Louisiana.....	254,374	317,827	572,201	52,266	624,467	9,710	4,034	13,744	638,201
Oklahoma.....	678,021	261,258	939,279	115,214	1,054,493	11,871	3,737	15,608	1,070,101
Texas.....	1,782,523	1,122,738	2,905,261	505,248	3,410,509	21,752	8,555	30,307	3,440,816
South Central.....	5,159,216	3,385,799	8,545,015	1,097,096	9,642,111	123,203	68,517	191,720	9,833,831
Montana.....	352,740	181,464	534,204	80,081	614,285	7,405	766	8,171	622,456
Idaho.....	278,892	352,436	631,328	46,086	677,414	6,082	1,331	7,413	684,827
Wyoming.....	188,404	36,216	224,620	14,349	238,969	2,704	220	2,924	241,893
Colorado.....	795,830	219,978	1,015,808	66,492	1,082,300	7,550	539	8,089	1,090,389
New Mexico.....	298,871	91,451	390,322	41,647	431,969	3,351	747	4,098	436,067
Arizona.....	369,398	292,606	662,004	47,850	709,854	3,268	2,307	5,575	715,429
Utah.....	166,482	42,969	209,451	11,810	221,261	3,632	530	4,162	225,423
Nevada.....	62,702	13,458	76,160	1,884	78,044	1,203	51	1,254	79,298
Washington.....	282,874	491,683	774,557	56,889	831,446	10,677	2,301	12,978	844,424
Oregon.....	256,212	289,963	546,175	24,343	570,518	9,019	2,419	11,438	581,956
California.....	1,765,820	2,605,440	4,371,260	123,206	4,494,466	8,835	3,229	12,064	4,506,530
Western.....	4,818,225	4,617,664	9,435,889	514,637	9,950,526	63,726	14,440	78,166	10,028,692
United States (48 states).....	28,395,843	18,630,963	47,026,806	3,782,641	50,809,447	526,344	222,119	748,463	51,557,910

<sup>1</sup> Value of farm products consumed directly in farm households where produced.

Table 676.—Personal income: Total and per capita, by residence, United States, 1954-69<sup>1</sup>

Year	Personal income of—					Per capita disposable personal income of—			Per capita disposable income, all sources (farm as percentage of nonfarm)
	Farm population			Nonfarm population from all sources	Total population	Farm population from all sources	Nonfarm population from all sources	Total population from all sources	
	From farm sources <sup>2</sup>	From nonfarm sources <sup>3</sup>	From all sources						
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars	Dollars	Percent
1954	12,509	5,934	18,443	271,693	290,136	886	1,678	1,585	52.8
1955	11,382	6,197	17,579	293,310	310,889	854	1,772	1,666	48.2
1956	11,219	6,584	17,803	315,203	333,006	885	1,850	1,743	47.8
1957	11,041	6,616	17,657	333,444	351,101	927	1,902	1,801	48.7
1958	12,800	6,681	19,481	341,693	361,174	1,062	1,915	1,831	55.5
1959	11,009	7,050	18,059	365,469	383,528	1,001	1,998	1,905	50.1
1960	11,526	7,153	18,679	382,274	400,953	1,100	2,017	1,937	54.5
1961	12,195	7,543	19,738	397,076	416,814	1,226	2,050	1,983	59.8
1962	12,254	8,195	20,449	422,168	442,617	1,308	2,127	2,064	61.5
1963	12,109	8,510	20,619	444,868	465,487	1,410	2,191	2,136	64.4
1964	11,334	9,305	20,639	476,823	497,462	1,462	2,340	2,280	62.5
1965	13,546	10,045	23,591	515,302	538,893	1,772	2,477	2,432	71.5
1966	14,414	10,464	24,878	562,338	587,216	1,985	2,638	2,599	75.2
1967	13,149	10,881	24,030	605,305	629,335	2,032	2,785	2,744	73.0
1968	13,535	11,829	25,364	643,373	688,737	2,220	2,978	2,939	74.5
1969 <sup>4</sup>	14,740	12,775	27,515	721,359	748,874	2,431	3,144	3,108	77.3

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.

<sup>2</sup> Includes returns from farming operations to resident farm operators for their capital, labor, and management, after deduction of farm production expenses (there is no allowance in the item farm production expenses for a return on investment in farm capital). Also includes farm wages and other labor income received by hired farm-resident workers.

<sup>3</sup> Includes all income received by farm residents from nonfarm sources such as wages and salaries from nonfarm employment, nonfarm business and professional income, rents from nonfarm real estate, dividends, interest, royalties, unemployment compensation, and Social Security payments.

<sup>4</sup> Preliminary.

Economic Research Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 693.

Table 677.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1959-68<sup>1</sup>

Year	Number	Less than	\$1,000 to	\$2,000 to	\$3,000 to	\$5,000 to	\$7,000 to	\$10,000 to	\$15,000 or more	Median income
		\$1,000	\$1,999	\$2,999	\$4,999	\$6,999	\$9,999	\$14,999		
	Thousands	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dollars
1959	3,800	17.0	19.0	16.8	23.7	11.7	6.6	3.3	1.8	2,809
1960	3,490	17.7	18.1	16.2	22.4	12.2	8.4	4.0	1.1	2,875
1961	3,490	14.8	16.1	15.8	23.2	15.0	9.2	4.0	1.8	3,241
1962	3,206	11.4	15.9	15.6	24.6	15.2	9.4	5.8	2.0	3,418
1963	3,093	11.1	17.0	15.3	23.4	14.4	10.9	5.9	2.1	3,435
1964	3,098	11.0	15.2	16.5	21.0	15.5	11.9	6.7	2.2	3,558
1965	2,953	8.6	14.5	14.0	22.6	16.5	12.5	7.1	4.0	4,119
1966	2,697	6.5	10.7	12.8	21.8	19.3	15.3	9.5	4.3	4,841
1967	2,683	6.2	9.5	11.2	22.3	16.9	16.9	10.9	6.1	5,086
1968	2,630	5.4	7.3	9.9	20.3	17.2	19.4	14.0	6.4	5,769

<sup>1</sup> Family refers to two or more persons related by blood, marriage, or adoption, and residing together on a farm. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, social security, pensions, and welfare.

Economic Research Service. Estimates from P-60 series of the Bureau of the Census.

Table 678.—Number of farms and average farm income per farm, United States, 1954-69<sup>1</sup>

Year	Number of farms	Cash receipts from farming			Gross farm income		Production expenses	Net income of farm operators	
		Farm marketings	Government payments	Total	Realized	Total		Realized	Total
	Thousands	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1954	4,798	6,217	54	6,271	7,000	7,103	4,497	2,503	2,606
1955	4,654	6,337	49	6,386	7,121	7,167	4,704	2,417	2,463
1956	4,514	6,735	123	6,858	7,593	7,492	4,957	2,636	2,535
1957	4,372	6,797	232	7,029	7,777	7,918	5,328	2,449	2,590
1958	4,233	7,904	257	8,161	8,956	9,151	5,962	2,994	3,189
1959	4,097	8,179	166	8,345	9,114	9,166	6,371	2,773	2,795
1960	3,962	8,621	177	8,798	9,614	9,701	6,652	2,962	3,049
1961	3,821	9,182	391	9,573	10,497	10,497	7,098	3,309	3,399
1962	3,685	9,865	474	10,339	11,195	11,357	7,771	3,424	3,586
1963	3,561	10,502	476	10,978	11,870	12,045	8,337	3,533	3,708
1964	3,442	10,818	634	11,452	12,368	12,130	8,566	3,802	3,564
1965	3,340	11,782	738	12,520	13,452	13,749	9,262	4,190	4,487
1966	3,239	13,368	1,012	14,380	15,358	15,333	10,314	5,044	5,019
1967	3,146	13,568	979	14,547	15,572	15,782	11,052	4,520	4,730
1968	3,054	14,477	1,133	15,610	16,710	16,748	11,791	4,919	4,957
1969 <sup>2</sup>	2,971	15,897	1,277	17,174	18,377	18,503	12,940	5,437	5,563

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 694.

Table 679.—Expenses: Farm production expenses, United States, 1954-69<sup>1</sup>

Year	Feed purchased	Livestock purchased	Seed purchased <sup>2</sup>	Fertilizer and lime	Repairs and operation of capital items <sup>3</sup>	Depreciation and other consumption of farm capital <sup>4</sup>	Hired labor <sup>5</sup>	Taxes on farm property <sup>6</sup>	Interest on farm mortgage debt <sup>7</sup>	Net rent to non-farm landlords	Miscellaneous <sup>8</sup>	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	Million dollars
1954	3,906	1,563	525	1,209	3,506	3,581	2,596	1,084	371	1,159	2,077	21,577
1955	3,880	1,539	566	1,185	3,600	3,700	2,615	1,141	402	1,057	2,204	21,889
1956	3,894	1,610	519	1,166	3,785	3,723	2,641	1,178	442	1,109	2,307	22,374
1957	4,035	1,934	510	1,166	3,917	3,913	2,734	1,242	482	1,029	2,332	23,294
1958	4,541	2,702	508	1,206	3,921	4,011	2,842	1,306	521	1,161	2,517	25,236
1959	4,744	2,693	491	1,291	4,069	4,228	2,882	1,401	572	1,011	2,724	26,106
1960	4,923	2,502	510	1,315	3,966	4,244	2,923	1,502	628	1,010	2,829	26,352
1961	5,121	2,730	521	1,373	3,858	4,217	2,977	1,597	686	1,109	2,936	27,125
1962	5,575	3,106	521	1,474	3,944	4,348	2,961	1,684	759	1,132	3,135	28,639
1963	6,128	2,917	553	1,570	3,942	4,471	2,990	1,763	846	1,193	3,315	29,688
1964	5,715	2,420	566	1,701	3,940	4,703	2,913	1,833	952	1,223	3,515	29,481
1965	5,749	2,913	637	1,754	4,073	4,982	2,849	1,943	1,077	1,328	3,628	30,933
1966	6,324	3,498	626	1,952	4,227	5,281	2,889	2,108	1,205	1,442	3,854	33,406
1967	6,472	3,391	678	2,124	4,495	5,746	2,878	2,275	1,343	1,305	4,068	34,775
1968	5,994	3,076	668	2,125	4,644	6,207	3,045	2,526	1,477	1,308	4,342	36,012
1969 <sup>9</sup>	6,634	4,174	697	2,013	4,828	6,672	3,192	2,753	1,602	1,303	4,576	38,444

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.

<sup>2</sup> Includes bulbs, plants, and trees.

<sup>3</sup> Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery.

<sup>4</sup> Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year.

<sup>5</sup> Includes cash wages, perquisites, and Social Security taxes paid by employers.

<sup>6</sup> Includes taxes levied against farm real estate and farm personal property.

<sup>7</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.

<sup>8</sup> Includes interest on non-real-estate debt, pesticides, ginning, electricity and telephone (business share), livestock marketing charges (excluding feed and transportation), containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, blacksmithing, and hardware, veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail), and miscellaneous dairy, nursery, greenhouse, apiary, and other supplies.

<sup>9</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 695.

Table 680.—Labor required on farms: Man-hours of labor used for all farmwork, by enterprises, United States, 1954-69

Year	All farm work <sup>1</sup>	Livestock and livestock products				Crops										
		All <sup>2</sup>	Meat animals <sup>3</sup>	Milk cows	Poultry <sup>4</sup>	All crops <sup>(5)</sup>	Feed grains <sup>(6)</sup>	Hay and forage <sup>7</sup>	Food grains <sup>(8)</sup>	Vegetables <sup>(9)</sup>	Fruits and nuts <sup>(10)</sup>	Sugar crops <sup>(11)</sup>	Cotton	Tobacco	Oil crops <sup>(12)</sup>	
	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>	<i>Mil.</i>
1954.....	13,310	5,130	1,479	2,551	911	6,238	1,174	680	293	533	537	100	1,269	772	171	
1955.....	12,808	4,948	1,498	2,422	840	6,012	1,154	671	253	521	536	88	1,235	710	175	
1956.....	12,028	4,728	1,434	2,301	807	5,574	1,012	616	245	509	558	80	1,074	663	183	
1957.....	11,059	4,472	1,368	2,158	761	5,001	966	617	203	474	546	81	818	524	173	
1958.....	10,548	4,225	1,357	1,983	701	4,818	891	569	217	470	562	78	769	515	181	
1959.....	10,301	4,076	1,395	1,841	657	4,771	840	517	190	435	567	78	911	539	161	
1960.....	9,795	3,826	1,307	1,745	593	4,590	784	524	188	438	531	71	831	549	164	
1961.....	9,400	3,709	1,293	1,664	574	4,370	639	497	186	440	524	78	772	567	177	
1962.....	8,979	3,527	1,252	1,570	530	4,190	587	510	168	435	481	79	679	606	175	
1963.....	8,664	3,362	1,236	1,462	491	4,088	580	498	173	418	462	86	647	591	181	
1964.....	8,194	3,181	1,191	1,360	459	3,867	503	496	177	403	448	95	573	546	189	
1965.....	7,775	2,964	1,102	1,249	446	3,719	501	502	176	416	452	85	483	477	202	
1966.....	7,381	2,831	1,093	1,134	440	3,508	493	483	173	420	444	82	309	476	213	
1967.....	7,269	2,720	1,080	1,044	433	3,522	514	497	205	429	453	75	242	479	226	
1968.....	7,005	2,581	1,049	966	405	3,431	479	486	198	438	429	77	275	426	230	
1969 <sup>13</sup> .....	6,851	2,448	1,002	900	387	3,431	468	488	175	417	470	78	279	446	228	

<sup>1</sup> Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmwoods, pastures, general land maintenance, farm business, and other miscellaneous work.

<sup>2</sup> Excludes horses and mules; includes wool and minor livestock which are excluded from separate enterprises shown.

<sup>3</sup> Cattle and calves, sheep and lambs, and hogs.

<sup>4</sup> Chickens, broilers, and turkeys.

<sup>5</sup> Includes hay seeds, pasture seeds, and cover-crop seeds; farm gardens; and minor crops which are excluded from separate crops shown.

<sup>6</sup> Corn for grain, oats, barley, and sorghum grain.

<sup>7</sup> All hay, corn silage, and sorghum forage and silage.

<sup>8</sup> All wheat, rye, buckwheat, and rice.

<sup>9</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops.

<sup>10</sup> Fruits, berries, and tree nuts.

<sup>11</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products.

<sup>12</sup> Soybeans, peanuts, flaxseed, and tung nuts.

<sup>13</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 698.



Table 681.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content,<sup>2</sup> by States and possessions, averages 1950-54 and 1960-64, and years beginning July 1, 1967 and 1968

State or possession and period	Com-mer-cial fertil-izer	Nitrogen (N)	Avail-able phos-phoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Com-mer-cial fertil-izer	Nitrogen (N)	Avail-able phos-phoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
<b>Maine:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<b>Minnesota:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1950-54	188,612	12,096	20,722	22,822	1950-54	277,850	18,114	56,568	31,377
1960-64	167,400	15,493	20,219	20,702	1960-64	653,732	32,991	142,274	88,346
1967	167,242	17,654	21,672	21,259	1967	1,237,835	251,241	214,131	196,199
1968	158,903	17,664	20,470	20,636	1968	1,545,168	343,579	292,437	211,766
<b>New Hamp-shire:</b>					<b>Iowa:</b>				
1950-54	20,636	934	2,731	2,076	1950-54	520,130	47,009	82,092	34,989
1960-64	19,208	1,709	2,419	2,208	1960-64	1,098,089	224,123	173,706	99,827
1967	17,262	1,859	1,771	1,952	1967	2,422,622	632,855	361,144	298,957
1968	18,095	2,010	1,951	2,127	1968	2,333,411	556,856	381,760	310,237
<b>Vermont:</b>					<b>Missouri:</b>				
1950-54	51,176	1,356	7,952	5,511	1950-54	732,730	53,992	78,040	54,629
1960-64	57,153	3,532	8,902	7,524	1960-64	994,422	157,722	103,406	105,456
1967	40,323	3,693	5,580	5,339	1967	1,435,985	280,091	165,433	168,543
1968	42,893	4,575	6,022	5,830	1968	1,361,791	250,691	160,205	165,646
<b>Massachusetts:</b>					<b>North Dakota:</b>				
1950-54	88,675	4,952	8,548	7,517	1950-54	39,307	2,213	13,274	1,334
1960-64	86,532	7,771	8,090	7,284	1960-64	174,089	24,468	60,168	2,211
1967	78,213	7,787	6,739	6,235	1967	361,707	62,454	111,586	9,201
1968	76,680	8,450	6,594	6,189	1968	344,696	66,095	100,767	9,176
<b>Rhode Island:</b>					<b>South Dakota:</b>				
1950-54	16,402	900	1,601	1,490	1950-54	20,909	2,745	4,457	167
1960-64	18,374	1,479	1,802	1,690	1960-64	80,669	18,390	14,450	977
1967	14,236	1,339	1,311	1,210	1967	239,347	57,985	43,295	6,901
1968	17,211	1,578	1,672	1,275	1968	259,847	65,656	46,456	7,823
<b>Connecticut:</b>					<b>Nebraska:</b>				
1950-54	88,514	4,854	7,222	7,189	1950-54	143,105	33,990	18,423	1,000
1960-64	76,640	6,735	7,467	6,701	1960-64	518,892	205,074	50,364	5,333
1967	71,721	8,059	6,561	6,175	1967	1,226,820	500,213	124,408	32,604
1968	73,935	8,035	6,876	6,783	1968	1,075,518	417,330	114,810	35,730
<b>New York:</b>					<b>Kansas:</b>				
1950-54	632,221	33,979	76,791	45,064	1950-54	216,679	27,941	42,390	3,455
1960-64	609,568	52,348	74,073	62,900	1960-64	544,151	143,890	83,950	10,115
1967	648,778	74,471	84,464	64,447	1967	1,072,163	354,989	159,228	32,901
1968	630,630	72,305	93,683	64,101	1968	1,095,774	374,580	161,001	35,908
<b>New Jersey:</b>					<b>Delaware:</b>				
1950-54	275,486	15,431	28,181	25,607	1950-54	85,811	4,584	9,133	8,822
1960-64	239,829	19,210	23,517	23,631	1960-64	102,093	8,513	10,747	12,504
1967	239,540	23,030	30,224	22,801	1967	117,395	12,408	12,101	15,106
1968	221,355	21,015	20,702	22,115	1968	110,163	12,417	11,252	14,563
<b>Pennsylvania:</b>					<b>Maryland:</b>				
1950-54	674,921	29,406	83,685	58,205	1950-54	301,309	13,356	34,061	25,601
1960-64	666,930	50,978	82,777	73,907	1960-64	335,613	27,374	35,986	37,658
1967	659,141	72,407	83,597	69,708	1967	372,302	40,952	39,640	45,395
1968	652,375	75,293	84,860	69,062	1968	339,669	35,617	36,877	42,733
<b>Ohio:</b>					<b>District of Columbia:</b>				
1950-54	1,070,996	46,369	133,923	122,691	1950-54	2,569	144	232	118
1960-64	1,114,711	121,602	166,012	140,790	1960-64	4,852	353	379	234
1967	1,373,068	194,539	208,418	220,286	1967	5,781	562	448	300
1968	1,355,259	199,463	211,628	227,247	1968	7,975	699	616	455
<b>Indiana:</b>					<b>Virginia:</b>				
1950-54	1,111,419	62,399	136,148	143,500	1950-54	834,012	35,773	86,066	70,342
1960-64	1,371,462	203,107	189,353	220,281	1960-64	775,425	49,140	76,194	80,532
1967	1,907,685	339,308	284,445	303,117	1967	841,863	67,900	78,841	87,492
1968	1,850,984	329,666	253,481	287,881	1968	848,596	69,778	81,090	90,083
<b>Illinois:</b>					<b>West Virginia:</b>				
1950-54	1,396,234	60,269	110,129	124,536	1950-54	89,429	3,012	12,445	6,593
1960-64	1,826,344	250,118	222,628	182,137	1960-64	76,786	4,169	10,525	7,985
1967	3,199,281	579,442	457,534	437,280	1967	69,385	6,197	9,075	6,778
1968	3,300,835	629,253	496,737	482,372	1968	67,230	6,284	9,420	7,006
<b>Michigan:</b>					<b>North Carolina:</b>				
1950-54	596,705	26,637	80,080	71,264	1950-54	1,886,239	111,049	154,706	134,310
1960-64	751,465	83,041	115,503	106,401	1960-64	1,702,295	133,173	130,590	156,339
1967	833,811	115,939	128,223	136,088	1967	1,761,649	164,704	131,939	167,632
1968	797,621	111,487	122,716	137,438	1968	1,717,346	169,631	127,033	158,259
<b>Wisconsin:</b>					<b>South Carolina:</b>				
1950-54	418,974	16,579	56,748	65,145	1950-54	956,979	64,775	76,257	66,959
1960-64	489,227	38,722	75,624	112,042	1960-64	838,933	69,368	67,245	80,978
1967	817,679	90,486	115,811	205,261	1967	940,347	95,365	75,356	101,129
1968	808,637	87,893	120,882	199,647	1968	911,183	91,262	72,198	94,768

See footnotes at end of table.

Table 681.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content,<sup>2</sup> by States and possessions, averages 1950-54 and 1960-64, and years beginning July 1, 1967 and 1968—Continued

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
Georgia:	Tons	Tons	Tons	Tons	Colorado:	Tons	Tons	Tons	Tons
1950-54	1,328,816	80,464	108,284	95,989	1950-54	48,674	6,670	11,049	975
1960-64	1,557,633	157,385	125,809	159,098	1960-64	155,808	32,535	25,797	2,604
1967	1,978,276	250,524	150,675	213,162	1967	255,578	70,456	41,807	7,231
1968	1,940,058	261,699	145,367	203,715	1968	255,343	70,708	41,928	6,549
Florida:					New Mexico:				
1950-54	1,132,201	66,001	74,777	85,910	1950-54	24,713	3,812	5,663	73
1960-64	1,623,224	127,427	96,047	153,934	1960-64	59,528	14,433	10,784	516
1967	1,726,882	153,801	97,174	181,938	1967	96,530	29,342	14,097	1,097
1968	1,885,187	180,298	105,523	209,071	1968	95,086	30,555	16,121	903
Kentucky:					Arizona:				
1950-54	581,767	29,067	67,786	50,702	1950-54	135,914	28,780	12,092	811
1960-64	643,332	59,877	81,063	80,338	1960-64	225,818	60,580	22,679	1,637
1967	742,932	88,297	86,792	97,502	1967	259,101	87,893	29,760	1,421
1968	811,657	108,046	97,933	108,801	1968	277,681	94,061	31,141	1,316
Tennessee:					Utah:				
1950-54	557,396	38,327	59,606	46,224	1950-54	29,498	4,556	3,800	175
1960-64	660,136	77,225	70,907	73,578	1960-64	46,273	9,499	7,343	304
1967	772,915	92,997	87,856	93,109	1967	82,273	13,237	22,722	394
1968	825,401	104,483	90,530	97,526	1968	87,960	13,112	24,674	250
Alabama:					Nevada:				
1950-54	1,249,893	78,340	110,590	70,547	1950-54	6,568	283	521	31
1960-64	1,022,028	99,006	101,873	97,459	1960-64	10,186	1,760	1,173	73
1967	1,052,759	125,773	109,886	105,940	1967	15,850	2,619	1,556	165
1968	1,057,819	137,631	105,399	106,470	1968	17,373	2,896	1,813	116
Mississippi:					Washington:				
1950-54	762,276	105,812	51,529	37,722	1950-54	140,471	26,693	11,440	4,440
1960-64	689,223	123,913	53,669	49,142	1960-64	367,109	93,325	29,501	10,065
1967	716,932	135,368	66,756	64,279	1967	568,092	145,370	48,139	23,722
1968	739,169	136,550	71,453	66,010	1968	522,600	134,942	46,030	17,947
Arkansas:					Oregon:				
1950-54	362,311	45,213	29,702	36,136	1950-54	142,488	23,332	12,330	2,864
1960-64	426,220	79,504	43,871	53,526	1960-64	274,597	52,933	22,270	7,530
1967	531,253	95,845	60,736	68,496	1967	402,942	84,711	40,289	9,086
1968	576,496	104,696	65,513	76,274	1968	381,858	79,683	39,964	8,972
Louisiana:					California:				
1950-54	322,580	45,086	27,292	18,974	1950-54	1,637,440	162,798	68,306	20,016
1960-64	352,015	72,485	31,818	28,259	1960-64	2,925,836	319,015	115,515	32,422
1967	524,520	106,491	56,744	48,289	1967	3,510,286	407,164	149,086	53,819
1968	503,325	105,008	54,275	47,535	1968	3,078,606	387,207	141,813	54,333
Oklahoma:					Alaska:				
1950-54	147,545	8,844	20,473	5,045	1950-54	577	66	126	50
1960-64	302,179	56,282	52,642	14,081	1960-64	4,855	930	802	449
1967	534,804	127,370	78,110	27,085	1967	4,120	754	626	362
1968	560,374	137,178	87,086	28,926	1968	4,388	704	723	484
Texas:					Hawaii:				
1950-54	588,562	58,902	79,919	19,855	1950-54	133,610	19,947	8,017	16,163
1960-64	1,167,949	297,055	156,188	40,141	1960-64	155,600	25,271	10,985	22,177
1967	1,889,650	550,694	225,388	73,914	1967	168,988	24,024	15,302	23,792
1968	2,285,454	639,447	302,884	90,877	1968	171,778	26,265	15,585	24,038
Montana:					Puerto Rico:				
1950-54	24,580	2,444	6,657	45	1950-54	283,946	38,824	12,684	22,811
1960-64	62,505	9,079	18,735	258	1960-64	253,694	34,631	14,466	25,672
1967	167,538	30,429	44,188	1,688	1967	186,115	26,204	10,390	20,853
1968	172,900	33,608	44,634	1,144	1968	161,888	22,432	9,112	18,408
Idaho:					United States:				
1950-54	78,204	10,273	11,727	224	1950-54	22,467,276	1,621,003	2,219,647	1,678,122
1960-64	204,511	43,648	29,530	1,019	1960-64	28,606,764	3,857,622	3,086,400	2,500,137
1967	328,393	76,945	48,838	4,382	1967	38,743,020	6,787,565	4,453,330	3,792,572
1968	433,584	101,955	67,433	4,144	1968	38,947,818	6,962,106	4,661,890	3,891,814
Wyoming:									
1950-54	9,446	734	2,717	45					
1960-64	21,622	5,233	4,585	59					
1967	53,110	12,998	9,442	550					
1968	78,053	19,781	10,757	1,151					

<sup>1</sup> Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials.

<sup>2</sup> Calculations for 1964 and later years based on the guaranteed analysis of individual fertilizers. Calculations for earlier years included over-and-under formulations of individual fertilizers.

**Table 682.—Fertilizers: Quantities of commercial fertilizers consumed and their average primary plant-nutrient content, United States, 1954-68<sup>1</sup>**

Year beginning July	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertilizers <sup>2</sup>
	Quantity	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O)	Potash (K <sub>2</sub> O)	
	<i>1,000 tons</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 tons</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 tons</i>
1954	15,348	5.24	11.86	10.80	21,935	8.94	10.41	8.55	792
1955	14,776	5.39	12.08	11.20	21,404	9.03	10.50	8.76	760
1956	14,703	5.74	12.36	11.43	21,766	9.81	10.59	8.90	943
1957	14,353	5.96	12.53	11.73	21,576	10.59	10.62	8.97	940
1958	16,069	6.22	12.54	11.91	24,085	11.09	10.59	9.10	1,223
1959	15,650	6.50	12.99	12.06	23,499	11.65	10.95	9.16	1,378
1960	15,735	6.81	13.15	11.97	24,374	12.43	10.85	8.90	1,193
1961	16,205	7.08	13.70	12.17	25,305	13.32	11.09	8.97	1,310
1962	17,157	7.36	14.42	12.52	27,386	14.35	11.22	9.14	1,458
1963	18,093	7.61	14.95	12.68	29,206	14.90	11.57	9.35	1,475
1964 <sup>3</sup>	18,559	7.82	15.17	12.39	30,315	15.30	11.59	9.35	1,521
1965	19,659	8.10	15.82	12.61	33,071	16.11	11.78	9.74	1,461
1966	21,132	8.35	16.58	13.02	35,684	16.89	12.06	10.21	1,397
1967	21,294	8.77	16.81	12.67	37,126	18.28	12.00	10.22	1,617
1968	21,222	8.95	17.53	12.54	37,613	18.51	12.39	10.35	1,334

<sup>1</sup> Includes Alaska, District of Columbia, Hawaii, and Puerto Rico; also fertilizers distributed by Government agencies.

<sup>2</sup> Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

<sup>3</sup> Calculations for 1964 and later years based on the guaranteed analysis of individual fertilizers. Calculations for earlier years included over-and-under formulations of individual fertilizers.

Statistical Reporting Service. Data for 1945-53 in *Agricultural Statistics, 1967*, table 700.

**Table 683.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1967-69**

Item	Quantity			Value		
	1967	1968	1969	1967	1968	1969
Phosphate rock sold or used <sup>1</sup> by producers:						
Florida:	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Soft rock	36,000	30,000	30,000	266,000	224,000	221,000
Land pebble	29,796,000	29,571,000	28,835,000	2 193,283,000	173,190,000	155,197,000
Tennessee <sup>3</sup>	3,032,000	3,065,000	3,193,000	22,494,000	23,646,000	5 18,192,000
Other States	4,971,000	4,653,000	4,672,000	35,121,000	31,289,000	30,799,000
Total	37,835,000	37,319,000	36,730,000	251,163,000	228,347,000	204,409,000
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime <sup>6</sup>	74,291	109,996	133,023	7 1,866,172	7 2,467,723	
Hydrated	64,768	74,300	103,788			
Limestone pulverized	29,528,000	38,369,000		52,027,000	68,988,000	
Calcareous marl	191,000	186,000		143,000	150,000	

<sup>1</sup> Uses include manufacture of superphosphate, phosphate, phosphoric acid, phosphorus, and ferrophosphorus; for direct application to the soil; as a fertilizer filler, stock and poultry feed, undistributed exports, and other minor uses.

<sup>2</sup> Includes North Carolina sales.

<sup>3</sup> Includes sintered matrix.

<sup>4</sup> Includes production in Alabama.

<sup>5</sup> Prior to 1969, value is quoted for more highly processed material.

<sup>6</sup> Lime from oystershells included with quicklime from limestone.

<sup>7</sup> Value not quoted separately.

Economic Research Service. Compiled from reports of the U.S. Department of Interior.

**Table 684.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1963–69**

Item	1963	1964	1965	1966	1967	1968	1969
<b>PRODUCTION</b>							
	<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>
Calcium arsenate.....	3,310	6,958	4,192	2,890	2,040	2,398	.....
Lead arsenate.....	7,842	9,258	7,098	7,328	5,952	9,016	.....
Copper sulfate.....	83,272	83,768	94,656	103,416	80,256	87,568	101,136
Aldrin-toxaphene group <sup>1</sup> .....	105,986	105,296	118,832	130,470	120,183	115,974	.....
Benzene hexachloride <sup>2</sup> .....	6,778	.....	.....	.....	.....	.....	.....
DDT.....	178,913	123,709	140,783	141,349	103,411	139,401	.....
Methyl bromide.....	17,394	16,994	14,303	16,345	19,665	20,454	.....
Methyl parathion.....	15,999	18,640	29,111	35,862	33,344	38,163	<sup>3</sup> 17,938
Parathion.....	.....	12,768	16,607	19,444	11,361	.....	.....
Ferbam.....	2,500	1,838	2,334	1,379	2,331	1,900	.....
Nabam.....	2,420	2,251	2,489	2,053	1,361	.....	.....
Zineb.....	3,755	6,664	5,075	4,721	3,055	3,081	.....
2,4-D acid.....	46,312	53,714	63,320	68,182	77,139	79,263	<sup>3</sup> 47,077
2,4,5-T acid.....	9,090	11,434	11,601	15,489	14,552	17,530	.....
Other organic pesticides.....	380,021	437,943	477,148	577,816	663,261	694,421	.....
<b>IMPORTS</b>							
Pyrethrum flowers.....	1,673	1,436	601	1,044	1,890	292	469
Pyrethrum extract.....	500	590	588	726	597	684	728
Rotenone-bearing roots.....	3,706	1,664	1,766	4,046	2,825	2,618	2,284
<b>EXPORTS<sup>4</sup></b>							
Fungicides <sup>5</sup> .....	52,085	60,807	32,993	42,320	38,488	37,629	36,248
2,4-D and 2,4,5-T, acid basis <sup>6</sup> .....	14,657	13,037	6,924	5,419	4,410	3,391	7,287
Other herbicides.....	13,943	23,360	33,207	39,624	57,526	69,474	62,195
DDT.....	101,955	84,627	90,414	90,914	81,828	109,148	82,077
Other polychlor insecticides.....	41,275	49,645	38,780	57,298	71,722	76,216	44,896
Organophosphorus insecticides.....	17,965	21,526	31,271	59,542	77,993	63,819	64,895
Other agricultural insecticides <sup>7</sup> .....	64,975	75,287	49,813	46,551	43,941	68,547	53,820
Fumigants.....	11,262	9,439	9,063	10,695	16,038	24,106	37,274
Disinfectants, deodorants, and germicides.....	10,453	10,978	3,835	8,693	7,721	10,124	9,776
Household and industrial insecticides, repellents, and rodenticides.....	9,452	11,982	9,253	14,166	11,264	9,357	10,916

<sup>1</sup> Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, and toxaphene; includes terpene polychlorinates, beginning 1965.

<sup>2</sup> Gross production (gamma isomer content was 1.8 million pounds in 1963); no data since 1963.

<sup>3</sup> Preliminary.

<sup>4</sup> Export categories not comparable with those shown in earlier issues; in 1965, the Department of Commerce discontinued separate reporting of some of the individual items previously listed.

<sup>5</sup> Includes copper sulfate and agricultural sulfur, previously listed separately.

<sup>6</sup> Beginning 1965, preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."

<sup>7</sup> Includes calcium arsenate, lead arsenate, and nicotine sulfate, previously listed separately.

Agricultural Stabilization and Conservation Service. Compiled from data supplied by the U.S. Department of Commerce, the U.S. Tariff Commission, the U.S. Department of Interior, and trade sources.

**Table 685.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1960–69**

Item	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Used in pesticide formulation:			<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Talc and soapstone.....	47,554	46,581	48,045	39,826	38,927	38,841	36,449	40,759	38,739	53,722
Pyrophyllite.....	33,831	36,445	31,297	25,408	27,661	29,080	25,449	27,598	( <sup>1</sup> )	( <sup>1</sup> )
Fuller's earth.....	96,793	103,536	89,435	95,382	116,344	138,435	189,758	180,500	148,202	187,426
Kaolin.....	69,150	26,505	33,939	33,579	19,836	13,014	24,101	12,644	9,955	25,427
Bentonite.....	26,761	34,090	.....	7,263	6,192	6,490	6,977	10,342	4,821	2,199
Other clays.....	1,910	.....	4,914	.....	.....	6,565	.....	.....	.....	.....
Used in manufacture:										
Mercury.....	113	97	162	96	119	118	90	142	130	102
Shipments to agriculture:										
Copper sulfate.....	16,640	17,788	17,780	17,608	20,908	23,636	20,752	16,996	18,596	21,036
Zinc sulfate (dry basis)....	3,848	5,066	7,313	9,407	9,807	12,449	16,891	14,803	17,631	15,566

<sup>1</sup> Data not available.

Agricultural Stabilization and Conservation Service. Compiled from reports of the U.S. Department of Interior.

**Table 686.—Pesticides (insecticides, fungicides, and weed killers): Average whole-sale price per pound, at works, United States, 1960–69<sup>1</sup>**

Year	BHC <sup>2</sup>	Chlordane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D ester	DDT <sup>3</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1960.....	0.75	65.0	12.9	29.6	21.0	40.0	43.0	23.0
1961.....	.75	65.0	12.3	28.8	21.0	40.0	43.0	21.1
1962.....	.75	65.0	12.5	28.6	18.1	38.2	40.6	20.9
1963.....	.75	65.0	12.5	28.6	17.1	34.5	35.5	18.6
1964.....	.75	65.0	14.0	30.9	16.0	34.5	35.5	16.6
1965.....	.75	65.0	15.3	32.5	17.8	33.9	35.0	17.0
1966.....	.75	65.0	17.2	36.5	19.2	32.5	33.1	18.0
1967.....	.68	60.2	18.5	38.9	22.7	33.2	35.7	17.9
1968.....	.66	59.0	19.5	40.6	23.2	35.2	37.2	17.4
1969.....	.65	59.0	21.2	44.4	23.1	33.2	35.5	17.7

  

Year	Lead arsenate	Lindane	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1960.....	30.5	2.17	1.42	63.9	84.0	71.0	11.18	1.18
1961.....	30.5	2.13	1.42	67.0	84.0	71.0	11.18	1.18
1962.....	26.3	2.13	1.42	67.0	84.0	70.9	11.18	1.18
1963.....	26.0	1.89	1.02	67.0	84.0	70.0	11.18	1.14
1964.....	26.8	1.85	.95	67.0	86.6	70.8	11.18	.95
1965.....	27.8	1.85	.95	67.0	88.0	74.9	11.18	.95
1966.....	29.0	1.85	.95	67.0	88.0	79.0	11.30	.98
1967.....	30.0	1.41	.95	60.6	77.9	81.0	11.52	1.02
1968.....	29.3	1.30	.95	60.5	62.4	78.4	11.19	1.11
1969.....	26.6	1.30	.95	60.5	59.0	75.0	10.60	1.14

<sup>1</sup> Average of weekly price quotations.

<sup>2</sup> Gamma unit price; i.e., price per pound of 36 percent gamma material is 36 times the unit price quoted.

<sup>3</sup> Price for flake or chip grades; price for powdered is 0.75 cent to 1 cent higher.

Agricultural Stabilization and Conservation Service. Compiled from the Oil, Paint, and Drug Reporter. Data for 1944–59 in *Agricultural Statistics, 1967*, table 704.

## CHAPTER X

# TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

**Table 687.—Taxes levied on farm real estate and personal property: Amount, amount per acre, index numbers of amount per acre, United States, 1954–69<sup>1</sup>**

Year	Farm real estate			Farm personal property
	Amount	Tax per acre		
		Amount	Index (1957-59=100)	
	<i>Million dollars</i>	<i>Dollars</i>		<i>Million dollars</i>
1954.....	878.4	0.82	78	216.0
1955.....	931.2	.88	83	223.0
1956.....	974.2	.92	88	219.4
1957.....	1,032.1	.99	94	228.2
1958.....	1,080.7	1.05	99	247.9
1959.....	1,154.7	1.13	107	274.0
1960.....	1,244.3	1.22	115	286.0
1961.....	1,314.6	1.29	122	297.9
1962.....	1,380.5	1.36	129	304.4
1963.....	1,430.4	1.41	134	319.9
1964.....	1,486.7	1.47	140	330.9
1965.....	1,583.0	1.57	149	337.9
1966.....	1,715.2	1.70	161	368.3
1967.....	1,857.9	1.84	175	382.5
1968.....	2,066.9	2.05	194	<sup>2</sup> 420.6
1969 <sup>2</sup> .....	2,263.0	2.24	213	445.8

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 705.

Table 688.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1967 and 1968<sup>1</sup>

State and region	Amounts levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
	1967	1968	Amount		Index (1957-59=100)		1967	1968
			Dollars	Dollars	1967	1968		
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>			<i>Dollars</i>	<i>Dollars</i>
Maine.....	6.6	7.1	2.55	2.77	147	160	2.30	2.31
New Hampshire.....	2.8	3.1	3.14	3.49	165	183	2.05	2.08
Vermont.....	6.4	7.4	2.53	2.93	188	219	1.93	1.97
Massachusetts.....	8.4	9.6	9.50	10.84	182	207	2.14	2.29
Rhode Island.....	.9	.9	8.93	9.46	171	181	1.57	1.54
Connecticut.....	6.2	6.9	8.76	9.77	174	195	1.33	1.36
New York.....	54.5	58.7	4.46	4.80	157	168	2.17	2.19
New Jersey.....	17.1	18.9	14.95	16.55	201	222	1.98	1.99
Pennsylvania.....	37.2	40.2	3.47	3.76	172	186	1.31	1.33
Delaware.....	1.4	1.3	1.96	1.87	193	183	.51	.46
Maryland.....	12.3	14.1	3.90	4.46	205	234	.74	.79
Northeast.....	153.6	168.2	4.31	4.72	170	186	1.57	1.59
Michigan.....	51.9	60.0	3.83	4.42	198	228	1.39	1.50
Wisconsin.....	74.4	84.0	3.66	4.13	162	183	2.03	2.17
Minnesota.....	82.9	93.5	2.69	3.04	152	172	1.43	1.50
Lake States.....	209.2	237.4	3.23	3.67	165	187	1.59	1.68
Ohio.....	54.1	58.3	3.08	3.32	163	176	.89	.90
Indiana.....	74.7	80.8	4.17	4.51	195	211	1.06	1.08
Illinois.....	170.3	197.4	5.69	6.60	153	178	1.28	1.41
Iowa.....	140.7	155.9	4.17	4.63	155	172	1.19	1.25
Missouri.....	46.4	49.1	1.42	1.50	152	161	.75	.73
Corn Belt.....	486.2	541.6	3.69	4.11	160	179	1.09	1.15
North Dakota.....	33.3	35.0	.82	.86	140	147	1.04	1.02
South Dakota.....	35.7	40.4	.92	1.04	149	168	1.02	1.23
Nebraska.....	70.1	76.7	1.52	1.67	160	175	1.16	1.18
Kansas.....	85.7	95.9	1.71	1.91	165	185	1.20	1.24
Northern Plains.....	224.9	247.9	1.28	1.41	157	173	1.15	1.19
Virginia.....	15.8	17.6	1.32	1.47	175	195	.59	.63
West Virginia.....	2.6	2.7	.49	.51	191	199	.51	.49
North Carolina.....	21.4	23.0	1.49	1.61	173	187	.52	.52
Kentucky.....	19.5	20.5	1.20	1.26	165	174	.58	.57
Tennessee.....	14.3	16.5	.94	1.08	158	181	.46	.49
Appalachian.....	73.6	80.4	1.17	1.28	169	185	.53	.55
South Carolina.....	7.4	7.8	.92	.96	146	153	.45	.43
Georgia.....	17.4	20.3	.98	1.14	247	287	.56	.60
Florida.....	44.0	44.4	2.88	2.90	255	258	.99	.95
Alabama.....	6.3	6.4	.41	.42	147	150	.27	.26
Southeast.....	75.1	78.9	1.33	1.40	230	242	.64	.64
Mississippi.....	10.3	11.5	.58	.65	155	173	.31	.31
Arkansas.....	17.2	17.8	1.04	1.08	182	188	.48	.46
Louisiana.....	9.2	9.3	.88	.89	144	145	.30	.28
Delta States.....	36.6	38.5	.82	.86	164	172	.37	.35
Oklahoma.....	25.6	27.5	.73	.79	163	176	.51	.50
Texas.....	94.1	98.4	.67	.70	172	180	.54	.53
Southern Plains.....	119.6	125.9	.68	.71	170	178	.53	.52

See footnotes at end of table.

**Table 688.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1967 and 1968<sup>1</sup>—Continued**

State and region	Amounts levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
			Amount		Index (1957-59=100)			
	1967	1968	1967	1968	1967	1968	1967	1968
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>			<i>Dollars</i>	<i>Dollars</i>
Montana	25.3	25.8	0.48	0.49	167	0171	0.92	0.89
Idaho	19.5	19.7	1.51	1.53	134	136	.89	.86
Wyoming	8.0	8.1	.30	.31	170	173	.80	.77
Colorado	28.0	29.9	.79	.85	146	157	.96	.99
New Mexico	5.4	5.9	.16	.18	125	137	.32	.35
Arizona	8.4	12.3	.73	1.08	138	204	.71	1.02
Utah	7.2	7.2	.78	.77	138	138	.82	.79
Nevada	2.7	2.7	.37	.38	166	169	.71	.71
Mountain	104.4	111.7	.55	.59	146	156	.81	.83
Washington	36.0	40.3	2.04	2.28	196	220	1.12	1.16
Oregon	46.4	49.7	2.33	2.50	174	186	1.79	1.84
California	288.5	342.4	8.32	9.87	272	322	1.58	1.77
Pacific	370.9	432.3	5.14	5.99	245	285	1.54	1.70
48 States	1,854.2	2,062.7	1.84	2.05	175	194	1.02	1.06
Alaska	.2	.2	3.07	3.48			1.68	1.85
Hawaii	3.6	4.0	1.59	1.75			1.01	1.04
United States	1,857.9	2,066.9	1.84	2.05	175	194	1.02	1.06

<sup>1</sup> Includes Alaska and Hawaii.  
Economic Research Service.

**Table 689.—Motor vehicles: Registrations, motor-fuel consumption, and road-user taxes (levied by the States), United States, 1954-69<sup>1</sup>**

Year	Motor-vehicle registrations and fees			Net total receipts of calendar year <sup>2</sup>	Motor-fuel consumption and taxes		
	Registered motor vehicles, private and commercial				Weighted average tax rate per gallon during year	Consumption of motor fuel on highways	Adjusted net total receipts of calendar year
	Passenger automobiles, taxicabs, and buses	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>
1954	48,433,460	9,361,416	57,794,876	1,334,140	5.19	44,365,465	2,305,759
1955	52,102,867	9,845,873	61,948,740	1,482,612	5.35	47,730,578	2,543,045
1956	54,160,392	10,217,427	64,377,819	1,582,215	5.54	50,214,299	2,791,294
1957	55,851,986	10,447,048	66,299,034	1,661,685	5.58	51,864,631	2,907,543
1958	56,811,572	10,607,684	67,419,256	1,702,422	5.65	53,418,468	2,980,842
1959	59,350,796	11,078,253	70,429,049	1,827,633	5.86	56,331,876	3,264,560
1960	61,568,434	11,329,278	72,897,712	1,925,536	5.94	57,877,826	3,395,865
1961	63,293,065	11,639,049	74,932,114	1,960,832	6.09	59,306,106	3,547,749
1962	65,965,240	12,120,510	78,085,750	2,060,316	6.18	61,697,107	3,761,299
1963	68,903,676	12,659,102	81,562,778	2,191,296	6.22	64,516,432	3,962,868
1964	71,815,701	13,282,556	85,098,257	2,363,860	6.31	67,901,409	4,217,495
1965	75,064,422	14,026,045	89,090,467	2,512,317	6.41	71,104,430	4,495,236
1966	77,907,462	14,721,307	92,628,769	2,760,909	6.42	74,664,492	4,757,636
1967	80,178,394	15,339,051	95,517,445	2,893,589	6.45	77,730,668	5,006,739
1968	83,349,325	16,051,602	99,400,927	3,161,208	6.62	82,948,141	5,469,920
1969	86,891,043	16,974,011	103,865,054	3,507,503	6.84	88,126,020	5,994,604

<sup>1</sup> Beginning 1959, includes Alaska and Hawaii.  
<sup>2</sup> Includes motor-vehicle and motor-carrier tax receipts.



Table 690.—Motor vehicles: Registrations, road-user tax revenue, and motor-fuel consumption, by States, 1969

State	Motor-vehicle registrations, private and commercial				Registration and other motor-vehicle fees	Motor-fuel taxes		Motor-fuel consumption on highways
	Passenger cars and taxicabs	Buses <sup>1</sup>	Trucks	Total		State tax rate per gallon on Dec. 31 <sup>2</sup>	Adjusted net total receipts	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 gallons</i>
Alabama	1,465,788	1,830	362,585	1,830,203	38,130	7	110,775	1,566,206
Alaska	89,898	495	35,957	126,350	5,253	8	6,620	84,700
Arizona	775,951	571	227,703	1,004,225	26,875	7	62,543	915,978
Arkansas	654,260	569	283,305	938,134	29,420	7.5(8.5&7.5)	646,953	973,660
California	9,627,419	12,278	1,798,469	11,438,166	500,706	7(7&6)	646,953	9,058,449
Colorado	1,041,819	2,459	305,175	1,349,453	27,357	7	66,340	1,023,140
Connecticut	1,482,576	5,733	168,858	1,657,167	34,956	8	92,994	1,208,908
Delaware	248,189	1,053	42,912	292,154	11,633	7	17,927	258,969
Florida	3,365,237	2,647	473,372	3,841,256	139,424	7	218,610	3,069,173
Georgia	1,993,361	2,412	465,391	2,461,164	35,585	6.5	149,433	2,330,918
Hawaii	329,547	840	37,672	368,059	11,085	5	11,960	218,064
Idaho	322,992	603	139,658	463,253	19,871	7	25,700	373,235
Illinois	4,487,393	12,487	604,585	5,104,465	218,752	7.5	275,378	4,417,607
Indiana	2,417,562	7,448	523,734	2,948,744	64,623	8	184,057	2,492,288
Iowa	1,360,866	1,228	362,624	1,724,718	74,615	7(8&7)	96,101	1,379,928
Kansas	1,103,708	1,470	385,237	1,490,415	34,691	7(8&5)	69,453	1,165,623
Kentucky	1,338,221	2,070	350,424	1,690,715	69,039	7	102,124	1,417,683
Louisiana	1,379,675	6,975	340,441	1,727,091	21,200	8	114,921	1,462,648
Maine	396,409	800	92,169	489,378	13,969	8	33,914	455,911
Maryland	1,561,133	6,495	209,040	1,776,668	101,658	7	107,662	1,531,393
Massachusetts	2,171,988	6,255	216,816	2,395,059	46,248	6.5	128,878	2,047,389
Michigan	3,833,170	5,170	583,262	4,421,602	137,629	7	257,885	4,030,800
Minnesota	1,710,011	4,416	401,635	2,116,062	66,360	7	116,999	1,720,098
Mississippi	797,634	2,353	268,445	1,068,432	22,926	7(10&8)	76,989	1,063,296
Missouri	1,824,822	3,707	460,865	2,289,394	72,664	5	112,090	2,297,280
Montana	310,035	1,217	156,637	467,889	14,076	7(9&7)	27,225	392,822
Nebraska	672,436	1,038	240,166	913,640	20,596	7.5	55,443	754,161
Nevada	246,243	220	71,261	317,724	9,016	6	21,297	303,968
New Hampshire	316,653	863	53,117	370,633	13,326	7	21,607	311,330
New Jersey	3,112,571	8,247	312,618	3,433,436	130,128	7	195,921	2,803,760
New Mexico	436,089	2,311	158,947	597,347	16,329	7	41,013	591,299
New York	5,792,268	16,393	597,300	6,405,961	250,198	7(9&7)	364,947	5,429,746
North Carolina	2,126,290	7,568	508,384	2,642,242	62,468	9	192,533	2,367,449
North Dakota	264,352	565	146,744	411,661	14,650	7	18,041	278,355
Ohio	5,217,680	6,573	595,031	5,819,284	170,930	7	317,771	4,573,747
Oklahoma	1,171,778	1,448	451,980	1,625,206	66,276	6.5	88,664	1,368,311
Oregon	1,080,036	1,836	225,325	1,307,197	47,360	7	66,217	1,047,995
Pennsylvania	5,006,893	13,195	680,199	5,700,287	120,635	7	317,545	4,396,876
Rhode Island	414,637	913	49,092	464,642	12,254	8	26,664	330,474
South Carolina	1,061,229	1,528	225,576	1,288,333	18,363	7	87,484	1,194,766
South Dakota	286,370	537	121,034	407,941	16,039	7(7&6)	21,979	325,638
Tennessee	1,576,227	2,617	362,514	1,941,358	63,539	7(8&7)	146,064	1,822,708
Texas	4,994,396	4,307	1,412,632	6,411,335	296,418	5(6.5&5)	292,812	5,952,115
Utah	464,135	312	124,310	588,757	10,492	7	32,398	509,878
Vermont	177,693	402	32,875	210,970	15,993	8(0)	15,474	200,895
Virginia	1,800,776	2,244	318,842	2,121,862	89,555	7	139,210	2,085,253
Washington	1,637,903	3,555	426,936	2,068,394	96,658	9	136,053	1,512,352
West Virginia	659,091	661	163,909	823,661	38,212	7	48,469	689,826
Wisconsin	1,725,942	7,637	302,866	2,036,445	71,146	7	127,366	1,826,602
Wyoming	151,831	854	78,978	231,663	9,275	7(0)	16,236	247,384
Dist. of Col.	226,647	1,808	16,404	244,859	9,101	7(7&0)	16,540	249,966
Total	86,709,830	181,213	16,974,011	103,865,054	3,507,503	<sup>3</sup> 6.84	5,994,604	88,126,020

<sup>1</sup> Estimates of numbers in operation, not registration counts by States.

<sup>2</sup> Special fuel tax rates, where they differ from gasoline rates, are shown in parentheses; when there is more than one, the first rate is for diesel fuel and the second for liquefied petroleum gases.

<sup>3</sup> Weighted average tax rate.

**Table 691.—Social Security: Self-employed farmers and hired farm workers; taxable earnings reported and taxes paid, United States, 1955–68<sup>1</sup>**

Year	Number of persons		Earnings reported		Average earnings		Taxes paid	
	Self-employed farmers <sup>2</sup>	Hired workers <sup>3</sup>	Self-employed farmers <sup>2</sup>	Hired workers <sup>3</sup>	Self-employed farmers <sup>2</sup>	Hired workers <sup>3</sup>	Self-employed farmers <sup>2</sup>	Hired workers <sup>3</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1955.....	2,350	1,890	3,890	1,520	1,655	805	116,700	60,940
1956.....	2,570	1,910	4,680	1,630	1,820	855	140,300	65,400
1957.....	2,430	1,870	4,480	1,660	1,845	895	151,100	74,930
1958.....	2,410	1,870	4,740	1,730	1,965	930	160,000	77,990
1959.....	2,240	1,890	4,400	1,840	1,965	985	164,900	92,200
1960.....	2,160	1,900	4,330	1,920	2,005	1,020	194,700	115,500
1961.....	2,130	1,940	4,570	2,020	2,145	1,050	205,900	121,450
1962.....	2,050	1,945	4,570	2,130	2,230	1,095	214,900	133,220
1963.....	1,930	1,950	4,360	2,220	2,255	1,135	235,300	160,660
1964.....	1,840	1,960	4,320	2,305	2,345	1,175	233,140	167,250
1965.....	1,780	1,980	4,380	2,470	2,490	1,250	236,790	179,000
1966.....	1,760	1,970	5,220	2,615	2,960	1,325	320,950	219,745
1967.....	1,700	1,950	5,250	2,760	3,080	1,410	336,160	241,980
1968 <sup>4</sup> .....	1,670	1,950	5,390	2,870	3,225	1,470	345,015	253,190

<sup>1</sup> Earnings taxable to a maximum of \$4,200 through 1958, of \$4,800 from 1959 through 1965, of \$6,600 in 1966 and 1967, and of \$7,800 in 1968. Includes the 50 States, District of Columbia, Puerto Rico, and the Virgin Islands.

<sup>2</sup> Self-employed farmers (after 1955 includes "materially participating" farm landlords) with net earnings of at least \$400 from self-employment.

<sup>3</sup> In 1955 and 1956, farm workers receiving at least \$100 cash wages from an employer during the year. After 1956, farm workers receiving at least \$150 cash wages from, or employed 20 or more days on a time-paid basis by an employer during the year.

<sup>4</sup> Preliminary.

Economic Research Service.

**Table 692.—Social Security: Number of self-employed farmers by amount of taxable self-employment income reported, United States, 1955–68<sup>1</sup>**

Year	\$1 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,800	Total <sup>2</sup>
	<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>
1955.....	945	720	335	160	190	.....	.....	.....	2,350
1956.....	605	1,115	280	205	270	.....	.....	.....	2,570
1957.....	575	1,040	335	200	280	.....	.....	.....	2,430
1958.....	560	920	360	225	345	.....	.....	.....	2,410
1959.....	535	905	320	180	300	.....	.....	.....	2,240
1960.....	515	830	320	190	300	.....	.....	.....	2,160
1961.....	465	780	320	205	365	.....	.....	.....	2,130
1962.....	440	700	300	200	405	.....	.....	.....	2,050
1963.....	410	660	280	195	390	.....	.....	.....	1,930
1964.....	360	620	260	185	415	.....	.....	.....	1,840
1965.....	330	550	240	180	460	.....	.....	.....	1,760
1966.....	290	450	220	170	150	120	360	.....	1,760
1967.....	260	430	210	170	150	120	360	.....	1,700
1968 <sup>3</sup> .....	295	460	205	160	120	95	80	255	1,670

<sup>1</sup> Earnings taxable to a maximum of \$4,200 through 1958, of \$4,800 from 1959 through 1965, of \$6,600 in 1966 and 1967, and of \$7,800 in 1968. Includes the 50 States, District of Columbia, Puerto Rico, and the Virgin Islands. Self-employed farmers (after 1955 includes "materially participating" farm landlords) with net earnings of at least \$400 from self-employment.

<sup>2</sup> Detail and totals are independently rounded.

<sup>3</sup> Preliminary.

Economic Research Service.

Table 693.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1965-69<sup>1</sup>

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 acres	1,000 dollars	
Apple:								
1965	4	390	4	1,568	157	53	59	
1966	6	312	3	1,185	123	163	234	
1967	8	685	9	4,536	365	193	277	
1968	8	598	7	3,410	282	398	937	
1969	8	712	8	4,087	374	73	90	
Barley:								
1965	175	12,755	576	9,151	836	494	204	
1966	177	14,073	674	10,685	949	1,107	396	
1967	187	12,415	587	10,968	915	1,479	570	
1968	190	12,784	651	12,297	1,023	826	442	
1969	194	12,291	662	12,963	966	526	299	
Bean, dry edible:								
1965	31	4,419	89	6,228	365	1,019	838	
1966	31	4,963	102	7,149	450	601	469	
1967	35	3,337	71	5,011	304	297	189	
1968	35	3,752	90	6,094	377	574	510	
1969	36	3,647	92	6,349	399	424	325	
Cherry, red tart: <sup>4</sup>								
1965	1	143	2	314	33	51	55	
1966	1	119	2	307	38	117	165	
Citrus:								
1965	14	4,934	62	19,115	1,406	1,313	1,564	
1966	19	5,245	70	22,201	1,648	317	5	
1967	22	5,340	73	22,412	1,614	1,024	18	
1968	23	6,993	104	32,447	2,587	3,274	54	
1969	27	8,449	123	38,829	3,338	707	10	
Combined crop: <sup>5</sup>								
1965	15	5,615	674	9,928	503	105	6	
1966	11	4,905	614	9,793	469	250	29	
1967	9	4,406	603	10,559	474	637	88	
1968	8	4,225	615	10,894	473	68	9	
1969	7	3,808	546	10,259	393	25	3	
Corn:								
1965	458	91,735	3,030	108,752	6,979	28,365	982	
1966	508	92,183	3,169	115,514	7,264	7,901	268	
1967	528	90,709	3,669	136,639	8,254	17,274	686	
1968	551	92,719	3,374	142,307	8,311	10,462	392	
1969	577	88,293	3,273	151,022	8,090	8,589	290	
Cotton:								
1965	229	25,972	539	45,426	2,848	5,585	77	
1966	263	28,644	445	42,586	2,490	11,688	139	
1967	276	29,394	599	69,231	3,503	18,491	273	
1968	284	41,865	1,057	132,100	6,754	16,424	343	
1969	299	39,392	1,197	139,527	7,627	14,749	483	
Flax:								
1965	88	11,248	318	4,852	600	1,053	30	
1966	88	10,210	289	4,461	545	2,458	70	
1967	88	7,692	218	3,560	421	1,278	45	
1968	82	8,574	260	4,395	511	605	20	
1969	82	8,511	274	4,571	523	543	17	
Grain sorghum:								
1965	100	9,423	297	9,600	680	1,036	28	
1966	128	11,567	366	11,804	801	952	26	
1967	141	12,927	526	17,894	1,161	1,899	67	
1968	180	14,483	560	21,200	1,213	1,623	72	
1969	185	12,859	507	19,564	1,079	719	30	
Grape:								
1967	8	301	5	1,730	89	45	1	
1968	8	352	6	2,172	113	96	1	
1969	8	327	5	1,949	103	142	2	
Oat:								
1965	221	25,678	553	8,067	595	828	18	
1966	238	25,882	558	8,221	596	1,925	55	
1967	246	24,989	551	9,112	623	1,370	38	
1968	252	27,941	687	11,682	801	1,512	42	
1969	259	25,441	636	10,976	724	1,610	39	

See footnotes at end of table.

Table 693.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1965-69<sup>1</sup>—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Pea, dry and green:								
1965	20	3,642	107	6,001	411	910	16	357
1966	20	3,486	111	6,102	442	1,249	40	1,190
1967	29	3,806	127	7,048	513	508	17	389
1968	32	3,610	128	7,111	519	1,048	49	1,440
1969	54	3,860	132	6,596	502	804	21	362
Peach:								
1965	21	1,143	31	5,139	651	227	9	346
1966	23	753	20	3,392	430	346	8	399
1967	23	741	18	2,705	339	585	13	776
1968	23	718	17	2,733	400	69	2	94
1969	23	667	16	2,612	367	126	4	148
Peanut:								
1965	46	7,358	82	11,598	673	475	5	176
1966	51	7,186	79	11,244	643	417	5	163
1967	53	7,245	85	12,922	719	936	9	394
1968	54	7,077	90	14,505	807	779	10	431
1969	56	7,720	111	18,550	1,009	926	12	637
Potato:								
1965	14	361	16	3,205	200	76	4	216
1966	14	368	17	3,409	214	112	5	486
1967	17	303	10	1,799	138	89	2	145
1968	17	137	6	995	72	43	1	99
1969	17	149	4	751	55	35	1	80
Raisin:								
1965	7	1,823	687	13,908	369	27	6	27
1966	7	2,037	693	14,936	397	10	6	26
1967	7	2,054	678	12,401	330	16	(?)	18
1968	7	2,034	696	15,401	409	3	(?)	14
1969	7	1,828	684	13,954	383	29	6	84
Rice:								
1965	19	284	17	1,834	62	18	1	26
1966	20	242	15	1,640	54	11	(?)	18
1967	24	278	19	2,153	63	11	1	19
1968	24	254	19	2,176	63	11	1	48
1969	24	198	13	1,540	43	9	1	19
Safflower: <sup>4</sup>								
1965	2	10	(?)	4	1	10	(?)	4
1966	2	3	(?)		(e)	2	(?)	1
Soybean:								
1965	450	61,015	1,703	52,269	3,516	10,188	308	3,336
1966	509	64,465	1,845	60,383	3,988	5,403	180	2,313
1967	544	65,969	1,975	66,008	4,180	13,269	424	5,305
1968	565	66,870	2,012	71,630	4,420	7,839	271	3,456
1969	602	62,386	1,954	72,399	4,242	7,116	258	3,764
Sugarbeet:								
1965	4	641	16	2,558	89	57	1	26
1966	16	1,965	50	7,216	274	278	5	159
1967	54	2,542	94	12,507	564	265	11	335
1968	67	2,296	106	14,177	617	233	12	393
1969	78	1,953	94	12,229	542	269	18	628
Sugarcane:								
1967	4	450	21	2,680	92	6	(?)	6
1968	11	1,017	42	5,406	171	26	1	35
1969	12	1,094	37	4,729	145	39	1	11
Tobacco:								
1965	224	107,385	180	115,291	3,421	4,592	7	1,813
1966	244	112,768	210	141,028	4,000	4,556	9	2,371
1967	252	111,480	221	150,718	4,159	3,986	5	1,574
1968	255	106,001	203	143,331	3,915	4,484	8	2,096
1969	253	106,930	239	193,018	4,653	5,549	15	4,931
Tomato:								
1965	10	155	3	400	26	9	(?)	7
1966	8	99	2	264	17	27	1	31
1967	11	219	3	553	45	24	(?)	29
1968	13	201	3	698	51	55	1	49
1969	13	142	3	527	36	43	1	65

See footnotes at end of table.

Table 693.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1965-69<sup>1</sup>—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified	Amount
Tung nut:	<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>
1965	1	63	3	123	25	5	(7)	2
1966	1	59	3	117	23	5	(7)	7
1967	1	52	3	103	20	4	(7)	2
1968	1	19	1	44	8	18	1	40
1969	1	16	1	43	9	4	(7)	3
Wheat:								
1965	627	117,135	6,990	155,309	11,562	17,742	1,173	14,907
1966	640	111,693	6,514	152,056	10,970	9,742	1,600	5,882
1967	678	118,123	8,460	210,269	14,599	13,160	1,501	16,703
1968	708	120,155	8,657	216,023	14,974	13,156	1,299	15,153
1969	736	114,527	7,387	191,107	13,208	9,591	795	9,751
Total all commodities:								
1965	2,781	493,327	15,293	591,073	36,038	74,238	2,733	39,933
1966	3,025	503,227	15,158	635,602	36,825	49,637	1,516	25,165
1967	3,245	505,457	17,947	773,518	43,484	31,846	3,277	55,054
1968	3,398	524,075	18,695	878,228	48,871	63,626	2,654	51,282
1969	3,558	505,200	17,314	918,151	48,810	52,647	2,046	47,959

<sup>1</sup> Data for 1969 are preliminary.  
<sup>2</sup> Number of farms on which the insured crop was planted, including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included.  
<sup>3</sup> The insured's share of the planted acreage on the farm.  
<sup>4</sup> Program terminated at end of 1966.  
<sup>5</sup> Includes a combination of commodities varying by counties.  
<sup>6</sup> Thousands of tons insured for raisins (not included in total of all commodities).  
<sup>7</sup> Less than 500 acres.  
<sup>8</sup> Less than \$500.

Federal Crop Insurance Corporation. Data for 1948-64 in *Agricultural Statistics, 1967*, table 715.

Table 694.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939-68

Crop	Year	Drought	Hail	Excess moisture	Frost freeze, cold, and winter-kill	Flood	Wind	Insects	Disease	All others
		<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Apple	1963-68		13.8		81.5		4.6			0.1
Barley	1956-68	43.5	21.2	18.9	5.2	0.3	3.3	0.9	1.1	5.6
Bean, dry edible	1946-68	14.9	19.6	19.8	29.3	1.2	4.2	1.4	7.3	2.3
Cherry, red tart	1963-66		7.7		88.9		3.2			.2
Citrus	1951-68		8		92.2		7.0			
Corn	1945-68	47.9	6.9	25.2	10.1	2.0	2.0	1.6	2.6	1.7
Cotton	1942-68	28.5	7.1	27.3	6.0	4.1	4.7	19.2	.8	2.3
Flax	1945-68	31.0	9.1	30.8	9.4	1.8	3.3	1.6	3.6	9.4
Grain sorghum	1959-68	39.6	12.0	9.3	7.8	1.9	11.1	16.6	.8	.9
Grape	1967-68		4	1.4	95.4		2.8			
Oat	1956-68	36.0	28.5	19.0	3.5	3	7.4	1.7	.9	2.7
Orange	1955-68				100.0					
Pea, dry and green	1962-68	26.3	1.7	9.0	40.5		19.8		.4	2.3
Peach	1957-68		17.8		81.9		.1			.2
Peanut	1962-68	41.7		39.4	14.6			.3	3.4	.5
Potato	1962-68		9.8	29.0	37.0	1.2	2.8	.4	18.7	1.1
Raisin	1961-68			100.0						
Rice	1960-68	15.5		11.5	26.7	7.3	12.1		14.9	12.0
Safflower	1964-66	52.9	41.3	2.3		2.7			.8	
Soybean	1955-68	51.1	16.2	23.4	4.0	2.9	1.4	.2		.6
Sugarbeet	1965-68	2.3	11.1	29.5	27.1	.6	17.1	5.2	5.2	1.9
Sugarcane	1967-68	45.0		4.9	26.7	3.0	4.4		7.2	8.8
Tobacco	1945-68	33.0	16.5	24.8	2.8	2.0	5.5	1.8	9.7	3.9
Tomato	1963-68	18.4	22.5	37.5	18.7		.7	.3	.9	1.0
Tung nut	1965-68				100.0					
Wheat	1939-68	40.8	13.9	5.8	13.6	2.8	7.9	6.0	6.5	2.7
All crops	1939-68	36.0	11.0	16.1	13.8	2.8	5.8	8.0	4.0	2.5

Federal Crop Insurance Corporation.

**Table 695.—Hail insurance on growing crops: Amount of insurance, net premiums, and losses paid, United States, 1954–69<sup>1</sup>**

Year	Amount of insurance	Net premiums <sup>2</sup>	Losses paid	Year	Amount of insurance	Net premiums <sup>2</sup>	Losses paid
	<i>Million dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Million dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954.....	1,897	72,575	54,485	1962.....	2,658	108,970	81,293
1955.....	2,067	77,242	44,701	1963.....	2,831	111,223	72,603
1956.....	2,117	78,095	73,130	1964.....	2,903	112,527	72,088
1957.....	2,410	95,368	57,856	1965.....	3,096	116,959	73,899
1958.....	2,452	103,754	54,605	1966.....	3,173	114,955	56,873
1959.....	2,456	98,757	45,324	1967.....	3,488	124,623	88,210
1960.....	2,495	103,021	59,942	1968.....	3,535	128,396	69,150
1961.....	2,422	96,775	66,789	1969 <sup>3</sup> .....	3,550	126,826	80,405

<sup>1</sup> By mutual and stock insurance companies, and State hail departments.

<sup>2</sup> After cash discounts and dividends. <sup>3</sup> Preliminary.

Economic Research Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 714.

**Table 696.—Farm fire losses: Amount of loss, United States, 1954–69<sup>1</sup>**

Year	Amount	Year	Amount	Year	Amount
	<i>Million dollars</i>		<i>Million dollars</i>		<i>Million dollars</i>
1954.....	144	1960.....	165	1966.....	198
1955.....	148	1961.....	163	1967.....	208
1956.....	145	1962.....	175	1968.....	216
1957.....	152	1963.....	191	1969.....	227
1958.....	156	1964.....	193		
1959.....	174	1965.....	187		

<sup>1</sup> Represents fire and lightning losses on buildings, implements and machinery, livestock, crops, and household goods.

Economic Research Service. Data for 1940-53 in *Agricultural Statistics, 1967*, table 717.

**Table 697.—Interest rates: Selected series, United States, 1954–69**

Year	Federal land banks			Production credit associations, average cost of loans <sup>4</sup>	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4–6 months) <sup>9</sup>	Federal Reserve bank discount rates, New York <sup>10</sup>
	Average rate on new loans <sup>1</sup>	Bond rates <sup>2</sup>	Bond yields <sup>3</sup>		Discount rates <sup>5</sup>	Debtenture rates <sup>6</sup>	Rates on loans <sup>7</sup>	Debtenture rates <sup>8</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1954	4.17	2.37	1.67	6.36	2.44	1.53	2.75–4.50	1.97	1.58	1.50–2.00
1955	4.17	2.46	2.74	5.92	2.04	2.28	2.75–4.50	2.14	2.18	1.50–2.50
1956	4.31	2.83	3.32	6.20	3.18	3.46	2.75–4.50	3.08	3.31	2.50–3.00
1957	5.17	3.59	3.93	6.66	4.14	4.22	3.25–5.50	4.74	3.81	3.00–3.50
1958	5.24	3.45	3.12	6.72	3.83	2.53	3.25–5.50	2.88	2.46	1.75–3.00
1959	5.51	3.90	4.34	6.50	4.17	4.39	3.25–6.00	5.28	3.97	2.50–4.00
1960	6.00	4.12	4.10	7.25	5.28	4.27	4.25–6.00	3.23	3.85	3.00–4.00
1961	5.64	4.08	3.69	6.61	4.08	3.11	4.00–5.50	3.16	2.97	3.00
1962	5.60	4.06	3.76	6.36	4.00	3.32	4.00–5.50	3.30	3.26	3.00
1963	5.60	4.17	3.84	6.30	4.15	3.53	4.00–5.50	3.87	3.55	3.00–3.50
1964	5.60	4.19	4.11	6.47	4.62	4.11	4.25–5.50	4.07	3.97	3.50–4.00
1965	5.60	4.31	4.29	6.58	4.87	4.41	4.25–5.75	4.49	4.38	4.00–4.50
1966	5.82	4.84	5.21	6.87	5.53	5.62	4.75–6.00	6.12	5.55	4.50
1967	6.02	5.02	5.22	7.29	5.98	5.22	5.25–6.00	5.60	5.10	4.00–4.50
1968	6.84	5.41	5.77	7.34	6.41	6.05	5.75–6.50	6.03	5.90	4.50–5.50
1969	7.82	6.21	7.04	7.79	7.23	7.51	6.25–8.50	8.23	7.83	5.50–6.00

<sup>1</sup> Contract rates on loans through Federal land bank associations. Beginning 1961, some land banks have charged temporary rates that were lower than the contract rates. In computing the average rates, each Farm Credit district is given equal weight; within districts, rates are weighted by the number of days in force.

<sup>2</sup> Net cost to banks of bonds outstanding at end of each year. Excludes bonds owned by issuing agency.

<sup>3</sup> Average market yields on representative outstanding issues.

<sup>4</sup> Rates represent interest (less patronage refunds), service fees, and cost of record searches and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

<sup>5</sup> Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

<sup>6</sup> Weighted average net cost to banks of debentures issued each year.

<sup>7</sup> Excludes rates on loans secured by CCC documents.

<sup>8</sup> Weighted average net cost to banks of debentures outstanding at end of each year.

<sup>9</sup> Board of governors of Federal Reserve System. Annual averages of prevailing open-market rates in New York City.

<sup>10</sup> Board of governors of Federal Reserve System. Annual ranges in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.

Economic Research Service and Farm Credit Administration. Data for 1929–53 in *Agricultural Statistics, 1967*, table 711.

**Table 698.—Farm-mortgage debt: Average interest rates for all lenders on loans outstanding, by farming regions,<sup>1</sup> Jan. 1, 1960–69<sup>2</sup>**

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1960	5.1	4.6	4.8	4.7	5.3	5.5	5.2	4.8	5.0	5.3	5.0
1961	5.2	4.8	4.9	4.8	5.3	5.5	5.3	4.7	5.2	5.6	5.1
1962	5.2	4.8	5.0	4.9	5.4	5.7	5.5	5.1	5.1	5.5	5.2
1963	5.2	4.9	5.1	5.0	5.5	5.7	5.7	5.2	5.2	5.6	5.3
1964	5.3	4.9	5.2	5.1	5.5	5.7	5.8	5.3	5.3	5.5	5.3
1965	5.3	5.0	5.2	5.2	5.6	5.8	5.8	5.4	5.3	5.4	5.4
1966	5.3	5.0	5.3	5.2	5.6	5.8	5.8	5.4	5.4	5.5	5.4
1967	5.4	5.1	5.3	5.3	5.6	5.9	5.8	5.5	5.5	5.5	5.4
1968	5.5	5.1	5.5	5.4	5.7	6.0	6.0	5.7	5.6	5.6	5.6
1969	5.5	5.2	5.6	5.5	5.8	6.1	6.1	5.8	5.6	5.7	5.7

<sup>1</sup> For States included in regions, see table 703.

<sup>2</sup> Contract rates. Excludes Alaska and Hawaii.

Economic Research Service. Data for 1949–59 in *Agricultural Statistics, 1967*, table 713.

Table 699.—Farm-mortgage loans: Interest charges payable on total loans outstanding, by farming regions,<sup>1</sup> 1954-68<sup>2</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<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>
1954	34,433	41,580	77,354	28,277	29,219	22,967
1955	36,220	44,480	83,749	31,256	31,427	25,002
1956	38,073	48,138	92,165	35,537	33,994	27,978
1957	39,755	51,586	100,776	39,658	36,614	31,053
1958	41,432	54,938	109,332	42,501	39,327	34,032
1959	43,501	59,849	121,000	45,555	42,863	37,583
1960	45,616	65,275	133,497	49,489	46,792	40,725
1961	47,612	70,515	144,488	54,628	51,160	45,351
1962	50,134	76,674	157,211	61,490	56,335	52,291
1963	53,728	84,251	172,417	69,132	62,457	59,906
1964	59,010	93,418	190,487	78,527	69,960	68,605
1965	64,292	103,728	213,277	89,606	78,465	76,909
1966	69,991	114,615	238,333	100,673	87,128	85,791
1967	80,313	125,709	265,571	112,354	96,448	97,831
1968	89,267	136,149	293,470	124,062	105,328	110,489

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	<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>
1954	17,926	35,279	33,152	51,043	371,230
1955	19,569	38,376	36,548	55,583	402,210
1956	21,651	42,085	40,779	62,056	442,456
1957	23,859	45,441	44,896	68,419	482,057
1958	26,208	48,613	48,128	76,126	520,637
1959	28,728	52,401	52,278	87,954	571,712
1960	31,004	55,585	57,917	101,360	627,260
1961	34,736	60,357	63,933	112,072	684,852
1962	39,685	68,716	70,482	124,789	757,807
1963	45,109	79,034	79,231	140,004	845,269
1964	52,086	92,148	90,676	156,130	951,047
1965	60,166	105,896	103,951	179,175	1,075,465
1966	69,121	117,674	117,675	202,742	1,203,743
1967	79,334	129,679	130,489	223,540	1,341,268
1968	90,400	142,045	141,085	243,110	1,475,405

<sup>1</sup> For States included in regions, see table 703.<sup>2</sup> Estimated as payable during calendar year. Excludes Alaska and Hawaii.Economic Research Service. Data for 1949-53 in *Agricultural Statistics, 1967*, table 712.

## FOOTNOTES FOR TABLE 702

<sup>1</sup> Includes mortgages in process of foreclosure.<sup>2</sup> Includes United States legal reserve companies only. Includes regular mortgages and purchase-money mortgages.<sup>3</sup> Includes direct farm-ownership loans, direct soil and water loans to individuals, and rural-housing loans to farmers. Also includes direct farm-ownership loans made from State Corporation trust funds.<sup>4</sup> Includes loans held by all operating commercial, savings, and private banks, individuals, and miscellaneous lenders. State estimates are approximations and should be used only as general indicators of the amount of mortgage debt held by this group. See table 708 for State data held by all operating banks (classified by location of bank rather than by location of security).<sup>5</sup> Includes District of Columbia.

Economic Research Service.



**Table 700.—Farm mortgages: Loans made or recorded, grouped by principal lenders, United States, 1954-69<sup>1</sup>**

Year	Federal land banks <sup>2</sup>	Mortgages recorded <sup>3</sup>				Total	
		Individuals	Banks and trust companies	Insurance companies	Miscellaneous <sup>4</sup>	Amount	Number of loans and mortgages
	<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>Number</i>
1954	301,979	474,937	500,080	390,322	218,181	1,885,499	315,940
1955	482,703	565,946	582,001	506,989	264,214	2,401,863	337,030
1956	520,860	552,438	527,949	487,953	298,427	2,387,627	308,458
1957	403,655	597,523	502,726	387,504	362,559	2,253,977	293,352
1958	472,497	605,025	554,913	390,310	409,867	2,432,612	289,414
1959	626,342	666,252	605,380	450,119	466,185	2,814,278	297,854
1960	520,213	612,481	541,022	413,337	482,682	2,569,735	266,339
1961	644,326	647,467	623,318	512,187	576,433	3,003,731	282,846
1962	654,805	691,324	732,934	562,411	830,213	3,471,687	288,621
1963	759,233	740,568	880,351	762,356	927,846	4,070,854	298,721
1964	1,014,384	767,793	994,628	916,776	989,269	4,682,850	300,757
1965	1,237,876	811,594	1,036,524	864,080	1,108,046	5,158,120	304,737
1966	1,344,610	934,882	1,055,982	909,341	1,195,341	5,440,166	277,907
1967	1,266,533	860,318	1,036,109	695,625	1,216,460	5,075,045	251,716
1968	1,123,502	912,876	1,134,051	633,488	1,243,364	5,047,281	242,638
1969	1,212,786	1,092,395	1,069,867	391,577	1,498,313	5,264,938	226,783

<sup>1</sup> Excludes Alaska, Hawaii, Puerto Rico, and U.S. possessions.

<sup>2</sup> Loans on regular mortgages only for 1958 and earlier years. Beginning June 30, 1959, includes purchase-money mortgages and sales contracts. Includes loans by the Land Bank Commissioner 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. Liquidation of Commissioner loans was completed June 30, 1955. For 1955 and earlier years, the data in this table on Federal land bank loans "made" differ from the data in table 710 only because Puerto Rico is excluded. Prior to 1956, the data on Federal land bank loans made in both this table and table 710 included the outstanding loan balance as well as new money advanced in a part of the cases where existing borrowers obtained additional loans. Beginning in 1956, however, an effort was made to include the outstanding balance in loans made for a larger number of existing borrowers obtaining additional loans. By 1958, the data in this table include all outstanding loan balances in cases where borrowers obtained additional financing.

<sup>3</sup> Estimates based on reports from counties including a substantial sample of farms in the United States. Includes purchase-money mortgages and sales contracts to the extent they were recorded.

<sup>4</sup> Includes farm-mortgage loans made by the Farmers Home Administration, and by miscellaneous lenders.

Farm Credit Administration. Prepared in cooperation with the 12 Federal land banks. Data for 1929-53 in *Agricultural Statistics, 1967*, table 719.

**Table 701.—Farm mortgages: Loans made or recorded, grouped by principal lenders, by geographic divisions, 1969<sup>1</sup>**

Geographic division	Federal land banks <sup>2</sup>	Mortgages recorded <sup>3</sup>				Total	
		Individuals	Banks	Insurance companies	Miscellaneous <sup>4</sup>	Amount	Number of loans and mortgages
	<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>Number</i>
New England	9,421	13,264	8,652	450	20,391	52,178	2,000
Middle Atlantic	39,799	59,710	76,620	2,078	29,315	207,522	7,921
East North Central	210,071	79,863	241,938	41,002	247,713	820,587	34,991
West North Central	255,096	226,510	172,409	107,147	204,053	965,215	42,067
South Atlantic	215,697	179,359	161,604	20,856	310,841	888,357	47,980
East South Central	121,721	64,478	150,116	23,924	227,971	588,210	37,908
West South Central	152,408	237,704	163,509	103,313	221,498	878,432	33,377
Mountain	100,376	80,597	46,525	49,024	119,834	396,356	9,399
Pacific	108,197	150,910	48,494	43,783	116,697	468,081	11,140
United States <sup>4</sup>	1,212,786	1,092,395	1,069,867	391,577	1,498,313	5,264,938	226,783

<sup>1</sup> Excludes Alaska, Hawaii, Puerto Rico, and U.S. possessions.

<sup>2</sup> Loans on regular mortgages including purchase-money mortgages and sales contracts. Includes outstanding balances where borrowers obtained additional loans.

<sup>3</sup> Includes purchase-money mortgages and sales contracts to the extent they were recorded.

<sup>4</sup> Includes Farmers Home Administration, and miscellaneous lenders.

Farm Credit Administration. Prepared in cooperation with the 12 Federal land banks.

Table 702.—Farm-mortgage loans: Amount held by selected lender groups, by States, Jan. 1, 1968 and 1969

State and region	Federal land banks <sup>1</sup>		Life insurance companies <sup>2</sup>		Farmers Home Administration <sup>3</sup>		All others <sup>4</sup>	
	1968	1969	1968	1969	1968	1969	1968	1969
	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.....	5,221	5,956	400	400	6,819	6,282	32,392	30,663
New Hampshire.....	3,271	3,135	100	1,300	607	528	18,539	19,262
Vermont.....	14,705	16,140	900	700	1,315	1,197	40,808	41,330
Massachusetts.....	12,641	13,243	200	200	564	522	40,887	39,947
Rhode Island.....	2,416	2,632	0	0	56	55	2,376	2,348
Connecticut.....	18,100	18,801	1,000	1,100	269	201	29,214	29,298
New York.....	97,489	103,179	10,600	10,000	6,433	5,886	478,352	504,947
New Jersey.....	26,955	28,817	7,600	6,700	1,925	1,784	57,883	54,202
Pennsylvania.....	56,903	61,063	15,000	15,300	6,479	5,877	349,685	366,451
Delaware.....	7,698	8,699	1,200	1,200	337	284	22,936	22,873
Maryland <sup>5</sup> .....	42,909	49,942	7,600	7,300	1,700	1,479	154,111	164,775
Northeast.....	288,308	311,607	44,600	44,200	26,504	24,095	1,227,183	1,276,096
Michigan.....	178,580	189,853	45,500	43,200	7,906	7,007	468,196	497,194
Wisconsin.....	120,908	130,801	56,800	56,900	16,340	14,990	594,689	640,711
Minnesota.....	247,600	262,374	218,600	221,100	15,475	14,626	587,003	617,758
Lake States.....	547,088	583,028	320,900	321,200	39,721	36,623	1,649,888	1,755,663
Ohio.....	192,754	200,125	126,500	125,000	7,078	6,329	481,778	510,814
Indiana.....	229,033	255,655	196,300	193,600	7,392	6,731	486,077	532,174
Illinois.....	285,527	311,430	340,300	345,400	9,102	8,440	539,149	600,937
Iowa.....	321,736	354,363	481,000	490,400	17,519	16,370	494,505	522,494
Missouri.....	161,036	173,653	221,600	227,500	24,509	24,294	505,997	576,243
Corn Belt.....	1,190,086	1,295,226	1,365,700	1,381,900	65,600	62,164	2,507,506	2,742,662
North Dakota.....	127,513	139,305	26,500	26,900	17,505	16,116	294,817	310,215
South Dakota.....	148,824	152,823	87,500	88,100	15,863	15,132	154,153	161,193
Nebraska.....	197,776	209,996	228,300	243,100	11,956	11,507	204,965	217,381
Kansas.....	198,249	225,809	224,100	240,200	10,854	9,948	254,402	287,295
Northern Plains.....	672,162	727,933	566,400	598,300	56,178	52,703	908,337	976,084
Virginia.....	80,002	91,004	47,400	39,200	7,727	7,251	200,120	203,079
West Virginia.....	11,576	11,757	2,400	2,400	4,844	4,450	56,011	58,291
North Carolina.....	134,568	152,119	53,300	60,700	23,947	22,200	264,687	283,399
Kentucky.....	110,945	123,510	78,300	79,500	14,098	13,042	232,367	252,235
Tennessee.....	112,970	125,055	35,100	36,400	23,292	20,860	280,554	294,693
Appalachian.....	450,061	503,445	216,500	218,200	73,908	67,803	1,033,739	1,091,697
South Carolina.....	70,577	82,688	28,800	27,300	15,374	14,016	92,734	99,690
Georgia.....	161,941	185,609	56,700	60,700	21,453	19,157	222,255	251,711
Florida.....	100,252	114,310	198,500	214,900	12,122	10,661	443,886	481,161
Alabama.....	106,474	114,298	38,400	47,100	29,437	26,961	141,898	153,680
Southeast.....	439,244	496,905	322,400	350,000	78,386	70,795	900,773	986,242
Mississippi.....	100,441	116,974	177,600	189,900	30,419	27,599	163,835	180,671
Arkansas.....	88,321	101,518	240,200	258,500	15,739	14,079	182,186	203,843
Louisiana.....	91,097	113,243	118,500	133,200	11,172	9,864	193,596	216,213
Delta States.....	279,859	331,735	536,300	581,600	57,330	51,542	539,617	600,727
Oklahoma.....	99,322	112,026	171,000	176,500	16,728	15,289	279,086	301,605
Texas.....	439,471	476,365	594,100	608,900	29,813	27,825	771,596	830,983
Southern Plains.....	538,793	588,391	765,100	785,400	46,541	43,114	1,050,682	1,132,588
Montana.....	142,534	158,373	103,900	109,400	8,098	7,169	212,831	229,832
Idaho.....	141,933	154,213	122,200	128,600	16,646	15,909	179,768	190,547
Wyoming.....	48,636	50,722	58,100	61,600	4,678	4,381	89,682	93,331
Colorado.....	134,403	148,055	142,000	148,800	8,723	7,959	271,271	289,315
New Mexico.....	51,780	55,343	79,800	83,600	3,226	2,962	126,827	131,487
Arizona.....	36,255	36,598	104,500	103,900	1,681	1,625	127,261	127,714
Utah.....	33,682	33,089	14,700	15,800	9,182	8,442	92,755	94,315
Nevada.....	13,271	13,428	36,800	35,400	1,354	1,313	36,623	36,357
Mountain.....	602,494	649,821	662,000	687,100	53,588	49,760	1,137,018	1,192,898
Washington.....	92,166	101,686	119,400	129,000	19,861	17,845	386,432	413,912
Oregon.....	99,271	95,092	95,800	100,000	7,128	6,404	346,617	363,809
California.....	363,312	385,750	521,900	564,300	7,957	7,416	2,154,800	2,263,463
Pacific.....	544,749	582,528	737,100	793,300	34,946	31,665	2,887,849	3,041,184
Alaska.....	985	915	0	0	1,091	1,053	657	708
Hawaii.....	9,375	9,695	2,600	2,300	2,428	2,205	4,098	4,509
United States.....	5,563,204	6,081,229	5,539,600	5,763,500	536,221	493,522	13,847,347	14,801,058

See footnotes on page 494.

FARM-MORTGAGE LOANS

497

Table 703.—Farm-mortgage loans: Total amount outstanding, by States, Jan. 1, 1955, 1960, 1965, 1968, and 1969

State and region	1955	1960	1965	1968	1969
	<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	27,198	38,499	42,975	44,832	43,301
New Hampshire	19,080	20,477	20,983	22,517	24,225
Vermont	42,147	44,581	52,993	57,728	59,367
Massachusetts	44,869	44,565	39,612	54,292	53,912
Rhode Island	5,837	5,163	4,599	4,848	5,035
Connecticut	34,217	39,231	40,047	48,583	49,400
New York	224,442	256,797	379,304	592,874	624,012
New Jersey	75,742	75,792	76,397	94,363	91,503
Pennsylvania	179,057	240,947	343,472	428,067	448,691
Delaware	13,676	19,042	26,677	32,171	33,056
Maryland <sup>1</sup>	75,676	90,540	144,594	206,320	223,496
Northeast	741,941	875,634	1,171,653	1,586,595	1,655,998
Michigan	214,937	324,387	512,797	700,182	737,254
Wisconsin	360,217	425,361	607,988	788,737	843,402
Minnesota	410,503	604,006	851,563	1,068,678	1,115,858
Lake States	985,657	1,353,754	1,972,348	2,557,597	2,696,514
Ohio	310,701	443,485	610,869	808,110	842,268
Indiana	282,810	445,901	658,317	918,802	988,160
Illinois	333,836	552,239	851,746	1,174,078	1,266,207
Iowa	606,929	820,108	1,050,087	1,314,760	1,383,627
Missouri	263,416	411,149	657,735	913,142	1,001,699
Corn Belt	1,797,692	2,672,882	3,828,754	5,128,892	5,481,952
North Dakota	97,105	153,549	340,266	466,335	492,536
South Dakota	125,417	189,982	315,847	406,140	417,248
Nebraska	230,069	343,164	486,265	642,997	681,984
Kansas	220,688	327,412	487,557	687,605	763,252
Northern Plains	673,279	1,014,107	1,629,935	2,203,077	2,355,020
Virginia	126,853	162,861	239,868	335,249	340,534
West Virginia	28,365	42,780	61,094	74,831	76,898
North Carolina	170,750	247,612	371,486	476,502	518,418
Kentucky	145,270	207,358	326,967	435,710	468,287
Tennessee	126,885	194,449	330,691	451,916	477,008
Appalachian	598,123	855,060	1,330,106	1,774,208	1,881,145
South Carolina	67,219	100,521	152,638	207,485	223,694
Georgia	152,881	195,307	314,024	462,349	517,177
Florida	124,896	257,071	558,008	754,760	821,032
Alabama	114,471	162,057	246,239	316,209	342,039
Southeast	459,467	714,956	1,270,909	1,740,803	1,903,942
Mississippi	149,581	221,845	337,740	472,295	515,144
Arkansas	137,515	205,705	374,232	526,446	577,940
Louisiana	94,663	142,452	252,029	414,365	472,520
Delta States	381,759	570,002	964,001	1,413,106	1,565,604
Oklahoma	185,285	242,273	415,806	566,136	605,420
Texas	616,810	890,009	1,432,659	1,834,980	1,944,073
Southern Plains	802,095	1,132,282	1,848,465	2,401,116	2,549,493
Montana	119,181	179,919	323,806	467,363	504,774
Idaho	149,071	222,187	356,196	460,547	489,269
Wyoming	62,185	96,596	159,962	201,096	210,034
Colorado	172,648	229,929	391,072	556,397	594,129
New Mexico	83,640	118,532	192,220	261,633	273,392
Arizona	61,760	118,640	196,418	269,697	269,837
Utah	65,429	97,694	128,669	150,319	151,646
Nevada	19,253	29,357	66,989	88,048	86,498
Mountain	733,167	1,092,854	1,815,332	2,455,100	2,579,579
Washington	184,357	287,628	468,696	617,859	662,443
Oregon	189,699	258,528	419,369	538,816	565,305
California	698,042	1,245,893	2,160,583	3,047,969	3,220,929
Pacific	1,072,098	1,792,049	3,048,648	4,204,644	4,448,677
Alaska		991	2,535	2,733	2,676
Hawaii		7,838	11,554	18,501	18,709
United States	8,245,278	12,082,409	18,894,240	25,486,372	27,139,309

<sup>1</sup> Includes District of Columbia.

**Table 704.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1 and loans made during the year, by specified lenders, United States, 1954-70<sup>1</sup>**

Year	All operating banks <sup>2</sup>	Banks and associations supervised by Farm Credit Administration				Farmers Home Administration				Rural Electrification Administration <sup>9</sup>				Commodity Credit Corporation <sup>13</sup>		
		Production credit associations <sup>3,4</sup>	Federal intermediate credit banks		Banks for cooperatives <sup>5</sup>	To individuals			Loans to associations <sup>8</sup>	Loans to cooperatives		Loans to others		Loans to farmers held by CCC	Loans to cooperatives held by CCC	
			Loans to and dis- counts for other financing institu- tions <sup>3</sup>	Loans to coopera- tive associa- tions <sup>3</sup>		Operating and emer- gency crop and feed loans <sup>6</sup>	Emer- gency loans	Economic oppor- tunity loans <sup>7</sup>		Electric <sup>10</sup>	Tele- phone	Electric <sup>11</sup>	Tele- phone <sup>12</sup>			
																Outstanding 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	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	4,489,965	541,786	63,557	500	370,042	324,846	50,792	.....	8,428	1,943,137	25,313	94,212	18,295	662,611	142,963	
1955.....	4,659,703	576,997	58,276	2,200	359,536	346,672	70,532	.....	9,563	2,024,585	47,706	104,678	30,243	474,755	143,706	
1956.....	4,477,049	644,449	61,907	3,000	363,040	332,936	72,748	.....	10,529	2,090,144	74,389	113,151	48,668	699,969	856,915	
1957.....	4,101,921	699,283	60,007	0	460,994	348,911	81,776	.....	8,695	2,154,000	103,819	122,309	80,246	740,182	804,347	
1958.....	4,046,846	885,918	67,192	0	447,278	356,487	79,203	.....	9,891	2,237,665	132,961	148,728	126,717	773,159	683,060	
1959.....	4,910,046	1,114,694	83,722	0	500,719	345,554	60,071	.....	9,886	2,320,247	157,901	158,969	186,490	1,724,069	756,487	
1960.....	5,013,851	1,361,198	89,576	0	613,639	349,551	47,017	.....	10,149	2,426,103	180,321	162,685	255,345	965,261	557,951	
1961.....	5,670,538	1,479,805	88,446	0	639,890	379,504	38,927	.....	12,470	2,506,575	207,575	161,307	323,258	703,452	462,894	
1962.....	6,242,966	1,640,219	98,784	0	687,991	448,732	45,981	.....	14,954	2,575,426	230,018	164,110	394,746	931,635	606,051	
1963.....	7,091,224	1,838,977	109,667	0	723,703	501,352	53,072	.....	20,051	2,641,486	247,037	161,011	452,612	935,153	743,308	
1964.....	7,462,483	2,105,490	125,681	0	830,795	539,390	52,610	.....	33,723	2,732,872	259,967	178,299	504,773	1,105,332	1,031,598	
1965.....	7,491,354	2,277,510	124,707	0	944,015	586,144	55,971	.....	48,416	2,835,355	281,149	175,470	544,796	1,026,445	1,280,538	
1966.....	8,200,868	2,578,929	139,520	0	1,042,026	627,056	64,135	23,703	75,642	2,983,122	305,152	190,889	581,044	842,066	1,204,053	
1967.....	8,533,489	3,015,639	156,930	0	1,277,067	624,897	70,373	39,884	112,023	3,122,230	328,275	188,532	619,126	1,156,746	928,157	
1968.....	9,258,558	3,517,902	176,002	0	1,496,375	659,496	76,558	59,576	189,295	3,282,960	358,878	186,976	663,959	1,420,115	965,649	
1969.....	9,709,033	3,825,821	180,181	0	1,567,893	666,355	89,774	63,246	285,436	3,493,719	388,143	208,406	703,216	2,670,724	1,007,873	
1970.....	10,317,661	4,494,821	217,838	0	1,724,263	657,533	69,919	55,582	350,410	3,676,682	421,861	205,635	752,815	2,675,811	1,037,381	

Made during 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	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954		1,259,176	153,253	4,200	478,434	140,378	88,527	1,423	150,303	23,358	10,193	12,044			
1955		1,373,081	153,820	11,096	517,458	120,182	83,227	1,360	140,447	27,216	9,486	18,722			
1956		1,476,342	150,276	12,167	602,969	162,886	87,753	721	145,072	30,142	10,166	32,366			
1957		1,718,436	169,198	0	529,601	172,809	63,323	1,496	166,830	30,639	31,672	47,617			
1958		2,190,733	215,263	0	543,448	178,692	60,639	1,069	177,727	28,889	15,522	59,966			
1959		2,501,721	219,653	0	683,262	184,228	34,034	779	197,231	25,905	8,978	71,810			
1960		2,594,242	222,215	0	668,869	213,576	22,632	2,840	174,240	31,632	4,709	72,434			
1961		2,853,128	234,002	0	784,401	267,342	35,321	3,014	169,894	27,807	6,013	77,572			
1962		3,196,708	263,547	0	904,645	268,876	61,606	6,273	196,486	23,020	7,783	66,172			
1963		3,528,123	278,265	0	999,208	270,505	62,488	14,619	221,850	21,657	24,596	61,490			
1964		3,688,620	268,556	0	1,145,717	292,928	53,466	15,977	239,555	29,372	8,789	52,570			
1965		4,117,598	286,431	0	1,296,753	309,619	77,484	25,423	28,873	278,625	32,221	22,840	51,827		
1966		4,784,533	345,822	0	1,647,877	281,652	104,713	21,530	38,461	248,989	31,996	7,609	54,759		
1967		5,400,635	381,405	0	1,728,520	300,428	96,551	27,718	79,845	316,165	42,147	5,500	61,634		
1968		6,027,388	405,658	0	1,787,316	282,157	115,954	14,702	99,396	372,406	44,484	29,960	59,361		
1969		7,045,692	499,461	0	1,844,717	264,138	94,485	4,915	69,210	311,603	46,313	4,432	68,613		

<sup>1</sup> 48 States only. Real estate mortgages or deeds of trust are taken as supplemental security for some of these loans.

<sup>2</sup> Includes loans to individuals guaranteed by the Commodity Credit Corporation and certificates of interest in pool of growers' notes, prior to 1966. After Jan. 1, 1966, data exclude CCC guaranteed loans and pooled certificates of interest of growers.

<sup>3</sup> Loans "made" include renewals.

<sup>4</sup> Excludes loans guaranteed by CCC, and loans held by associations in liquidation.

<sup>5</sup> Excludes loans secured by CCC documents.

<sup>6</sup> For separate data on operating loans and emergency crop and feed loans, 1949-65, see *Agricultural Statistics, 1965*, table 722.

<sup>7</sup> Economic opportunity loans are made to farm and nonfarm rural residents. Through June 30, 1968, approximately 56 percent of the economic opportunity loans in the 48 States were made to farmers.

<sup>8</sup> Includes only direct loans to soil and water associations, rural rental housing, watershed protection, flood prevention, rural renewal, and resource conservation and development organizations, economic opportunity cooperatives, defense relocation corporations, and rural rehabilitation or resettlement project cooperative associations.

<sup>9</sup> Loans "outstanding" are cumulative net advances minus principal repayments; loans "made" are net advances to borrowers.

<sup>10</sup> Approximately 2/3 of the individuals served by these cooperatives are farmers.

<sup>11</sup> Principally loans to public bodies and to power companies.

<sup>12</sup> Loans to commercial telephone companies.

<sup>13</sup> Includes direct loans made and held by CCC. Excludes pooled loans against which certificates of interest were issued and also loans guaranteed by CCC held by other lending agencies.

Economic Research Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 723.

Table 705.—Farm-mortgage debt: Total outstanding by farming regions,<sup>1</sup> Jan. 1, 1960-69<sup>2</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<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>
1960.....	875,634	1,353,754	2,672,882	1,014,107	855,060	714,956
1961.....	904,486	1,423,016	2,836,334	1,075,540	912,847	760,738
1962.....	941,750	1,527,437	3,011,645	1,181,202	997,969	861,297
1963.....	989,683	1,639,005	3,226,486	1,300,149	1,079,710	977,215
1964.....	1,057,424	1,794,348	3,489,896	1,436,250	1,193,653	1,111,677
1965.....	1,171,653	1,972,348	3,828,754	1,629,935	1,330,106	1,270,909
1966.....	1,240,835	2,175,333	4,275,889	1,827,490	1,488,560	1,392,547
1967.....	1,359,169	2,374,988	4,702,179	2,017,513	1,622,751	1,554,598
1968.....	1,586,595	2,557,597	5,128,892	2,203,077	1,774,208	1,740,803
1969.....	1,655,998	2,696,514	5,481,952	2,355,020	1,881,145	1,903,942

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	<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>
1960.....	570,002	1,132,282	1,092,854	1,792,049	12,073,580
1961.....	606,611	1,192,837	1,170,043	1,929,758	12,812,210
1962.....	674,286	1,267,621	1,300,257	2,127,411	13,890,875
1963.....	739,468	1,400,344	1,415,914	2,391,869	15,159,843
1964.....	836,816	1,595,785	1,590,858	2,685,743	16,792,450
1965.....	964,001	1,848,465	1,815,352	3,048,648	18,880,151
1966.....	1,109,534	2,070,714	2,047,624	3,540,127	21,168,703
1967.....	1,270,012	2,232,030	2,282,497	3,867,315	23,283,052
1968.....	1,413,106	2,401,116	2,455,100	4,204,644	25,465,138
1969.....	1,565,604	2,549,493	2,579,579	4,448,677	27,117,924

<sup>1</sup> For States included in regions, see table 703. <sup>2</sup> Excludes Alaska and Hawaii.

Economic Research Service. Data for 1939-59 in *Agricultural Statistics, 1967*, table 722.

Table 706.—Farm-mortgage debt: Amount of outstanding loans reported by principal lenders, other debt, and total debt, United States, Jan. 1, 1954-69<sup>1</sup>

Year	Federal land banks <sup>2</sup>	Federal Farm Mortgage Corporation <sup>3</sup>	Farmers Home Administration <sup>4</sup>	Life insurance companies <sup>5</sup>	Commercial and savings banks <sup>6</sup>	Other farm-mortgage debt <sup>7</sup>	Total farm-mortgage debt
	<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>
1954.....	1,169,418	282,098	282,098	1,892,773	1,131,214	3,246,800	7,739,931
1955.....	1,266,953	17,834	287,171	2,051,784	1,210,676	3,415,860	8,245,278
1956.....	1,480,204	.....	277,869	2,271,794	1,346,287	3,635,872	9,012,016
1957.....	1,722,381	.....	280,546	2,476,543	1,386,270	3,946,785	9,821,525
1958.....	1,897,187	.....	339,865	2,578,958	1,414,207	4,152,258	10,382,475
1959.....	2,065,372	.....	388,010	2,661,229	1,511,859	4,464,920	11,091,390
1960.....	2,335,124	.....	439,269	2,819,542	1,631,271	4,857,203	12,082,409
1961.....	2,539,044	.....	485,985	2,974,609	1,691,239	5,131,427	12,820,304
1962.....	2,803,103	.....	569,093	3,161,757	1,789,103	5,576,049	13,899,105
1963.....	3,024,013	.....	588,802	3,391,183	2,056,944	6,109,879	15,167,821
1964.....	3,281,797	.....	605,307	3,780,537	2,360,320	6,775,544	16,803,505
1965.....	3,686,755	.....	619,492	4,287,671	2,668,535	7,631,787	18,894,240
1966.....	4,240,227	.....	631,147	4,801,677	2,939,046	8,574,789	21,186,886
1967.....	4,914,522	.....	585,426	5,213,587	3,169,469	9,418,231	23,301,235
1968.....	5,563,204	.....	536,221	5,539,900	3,541,927	10,308,420	25,486,372
1969.....	6,081,229	.....	493,522	5,763,500	3,856,514	10,944,544	27,139,309

<sup>1</sup> Excludes Alaska and Hawaii, except as indicated in footnote 8. <sup>2</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts. <sup>3</sup> Loans were made by the Land Bank Commissioner. Lending authority expired July 1, 1947. On June 30, 1955, loans of the FFMC were sold to the Federal land banks. <sup>4</sup> Includes farm-purchase, farm-enlargement, farm-development, project-liquidation, and direct soil and water loans to individuals, and loans for these purposes from State Corporation trust funds. Includes rural-housing loans to farmers. Beginning October 1961, rural-housing loans were made on nonfarm tracts; these loans are included in the amount outstanding reported for Jan. 1, 1962, but excluded for 1963 to date. <sup>5</sup> Compiled from reports of life insurance companies. "Best's Life Insurance Reports," "Spectator Life Insurance Yearbook," and data from Life Insurance Association of America and Institute of Life Insurance. Includes legal reserve companies only. Includes regular mortgages, purchase-money mortgages, and sales contracts; beginning 1965, excludes sales contracts. <sup>6</sup> Includes all operating commercial, savings, and private banks. Also includes bank holdings of soil and water loans and farm-ownership loans insured by the Farmers Home Administration. <sup>7</sup> Amounts are residuals or differences between amounts reported by institutional lenders and estimates of total farm-mortgage debt. They roughly measure the farm-mortgage debt held by individuals and other nonreporting lenders. <sup>8</sup> Beginning 1960, data for reporting lending institutions in Alaska and Hawaii are included. No estimates of total farm-mortgage debt for these States are available.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 718.

**Table 707.—Non-real-estate loans to farmers: Amounts held by banks and by all principal lending institutions, United States, Jan. 1, 1954-70 <sup>1</sup>**

Year	Banks <sup>2</sup>	Principal lending institutions <sup>3</sup>		Year	Banks <sup>2</sup>	Principal lending institutions <sup>3</sup>	
		Excluding loans held and guaranteed by CCC	Including loans held and guaranteed by CCC <sup>4</sup>			Excluding loans held and guaranteed by CCC	Including loans held and guaranteed by CCC <sup>4</sup>
	<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>
1954.....	2,762,562	3,743,543	6,144,425	1963.....	5,979,484	8,484,321	10,539,343
1955.....	2,933,851	3,986,328	6,219,694	1964.....	6,652,171	9,477,123	11,403,113
1956.....	3,308,443	4,420,483	6,302,730	1965.....	6,990,021	10,036,151	11,579,434
1957.....	3,279,911	4,469,888	6,044,818	1966.....	7,676,853	11,112,322	12,520,901
1958.....	3,605,183	4,993,983	6,219,690	1967.....	8,533,489	12,443,516	.....
1959.....	4,160,660	5,764,701	8,252,901	1968.....	9,258,558	13,748,092	.....
1960 <sup>5</sup> .....	4,819,340	6,667,699	7,854,740	1969.....	9,709,033	14,534,410	.....
1961.....	4,991,473	6,979,236	8,297,860	1970.....	10,329,766	15,890,303	.....
1962.....	5,315,852	7,550,936	9,313,339				

<sup>1</sup> Real estate mortgages or deeds of trust are taken as supplemental security for some of these loans.

<sup>2</sup> All operating banks. Excludes loans guaranteed by Commodity Credit Corporation.

<sup>3</sup> All operating banks, production credit associations, other financing institutions discounting with the Federal intermediate credit banks, Farmers Home Administration, and CCC.

<sup>4</sup> Includes loans held and guarantees of CCC to individual farmers only. Also includes CCC non-real-estate loans for storage facilities and equipment. Not available after 1966.

<sup>5</sup> Beginning 1960, includes Alaska and Hawaii; 48 States prior to 1960.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 725.

**Table 708.—All operating banks: Amount of agricultural loans outstanding, by types, and by States, specified dates, 1968-70 <sup>1</sup>**

State and region	Farm real estate loans <sup>2</sup>					Personal and collateral loans				
	1968		1969		1970	1968		1969		1970
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	<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>
Maine.....	8,381	7,310	7,472	7,862	7,747	16,394	12,320	15,543	11,646	13,478
New Hampshire.....	6,910	6,635	6,751	6,199	6,106	5,695	5,951	5,856	5,444	5,583
Vermont.....	22,167	22,518	22,160	21,753	21,891	16,328	17,674	17,287	17,589	15,823
Massachusetts.....	11,186	10,335	10,454	12,144	11,477	9,597	11,709	10,594	9,525	9,168
Rhode Island.....	827	782	739	609	601	257	250	326	356	319
Connecticut.....	7,812	8,301	7,536	9,524	6,685	6,577	7,046	6,544	5,781	4,794
New York.....	183,515	212,897	194,625	262,320	241,610	156,513	170,127	161,603	164,472	156,183
New Jersey.....	21,697	21,158	19,113	23,924	20,470	23,134	16,597	17,094	15,532	16,109
Pennsylvania.....	150,143	165,757	157,295	165,443	164,091	157,277	154,976	160,599	163,020	166,125
Delaware.....	15,480	15,692	15,212	16,842	15,552	9,626	8,339	8,015	4,559	3,880
Maryland.....	63,033	64,090	65,208	67,349	68,795	35,005	36,090	35,500	34,939	34,625
Dist. of Columbia.....	1,482	2,155	2,512	4,285	2,040	117	114	66	72	34
Northeast.....	492,633	537,630	509,077	598,254	567,065	436,520	441,193	439,027	432,935	426,121
Michigan.....	124,149	134,107	134,931	151,590	130,826	176,532	185,168	182,841	185,898	175,961
Wisconsin.....	170,318	179,638	186,928	197,962	205,806	219,414	236,188	239,491	255,566	261,235
Minnesota.....	110,243	113,769	119,950	127,603	132,907	453,578	482,008	461,058	510,549	505,199
Lake States.....	404,710	427,514	441,809	477,155	469,539	849,524	903,364	883,390	952,013	942,395
Ohio.....	184,093	193,376	200,546	209,859	211,888	177,308	186,849	183,003	190,018	186,072
Indiana.....	156,714	169,259	177,948	185,958	189,217	266,700	282,564	269,695	287,000	274,266
Illinois.....	216,970	241,624	252,506	265,919	261,512	655,892	674,577	676,506	692,616	688,936
Iowa.....	116,972	122,812	125,186	133,535	134,323	914,787	901,165	927,154	927,078	1,011,674
Missouri.....	180,063	196,758	218,703	249,536	225,697	353,316	385,320	367,226	400,804	392,457
Corn Belt.....	853,912	923,833	974,889	1,044,807	1,022,637	2,368,003	2,430,475	2,423,584	2,497,516	2,553,405

See footnotes at end of table.

Table 708.—All operating banks: Amount of agricultural loans outstanding, by types, and by States, specified dates, 1968-70<sup>1</sup>—Continued

State and region	Farm real estate loans <sup>2</sup>					Personal and collateral loans				
	1968		1969		1970	1968		1969		1970
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	<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>
North Dakota.....	61,395	63,121	63,678	65,866	69,334	178,451	202,658	186,602	215,246	204,117
South Dakota.....	19,082	20,426	22,428	24,357	29,470	273,448	289,713	283,327	303,412	313,629
Nebraska.....	31,315	34,154	33,202	38,584	39,051	622,581	605,859	649,105	653,893	702,748
Kansas.....	73,509	87,596	86,501	94,844	100,814	558,586	570,191	593,106	617,593	646,815
Northern Plains.....	185,301	205,297	205,809	223,451	238,669	1,633,066	1,668,421	1,712,140	1,790,144	1,867,309
Virginia.....	80,547	82,125	81,621	85,201	83,565	79,329	97,584	83,782	101,789	94,252
West Virginia.....	27,411	29,201	28,901	30,899	31,716	20,067	16,665	16,614	17,054	17,489
North Carolina.....	72,022	76,854	73,786	79,433	74,908	88,520	124,313	92,194	130,107	95,420
Kentucky.....	141,682	151,493	154,770	164,891	165,725	130,490	146,455	151,739	163,354	159,113
Tennessee.....	130,794	135,727	136,618	146,204	141,839	112,197	131,036	125,677	142,871	121,268
Appalachian.....	452,456	475,346	475,696	506,628	497,753	430,603	516,053	470,006	555,175	487,542
South Carolina.....	24,209	25,385	25,812	27,095	27,084	28,492	40,418	30,980	42,670	32,510
Georgia.....	128,183	140,881	146,483	160,237	160,550	83,409	102,462	95,837	118,176	108,660
Florida.....	73,330	90,030	78,068	80,856	76,607	93,365	87,388	99,955	92,741	100,107
Alabama.....	72,703	77,800	78,833	84,086	83,478	74,480	90,396	77,247	90,998	79,175
Southeast.....	298,425	334,096	329,196	352,274	347,719	279,746	320,664	304,019	344,585	320,452
Mississippi.....	102,472	111,622	113,741	121,700	122,797	94,752	118,099	104,595	119,921	102,344
Arkansas.....	100,141	109,293	113,773	121,776	122,514	118,259	161,010	123,081	172,781	126,420
Louisiana.....	61,003	63,860	65,011	69,055	70,675	54,538	77,732	69,757	83,223	74,701
Delta States.....	263,616	284,775	292,525	312,531	315,986	267,549	356,841	297,433	375,925	303,465
Oklahoma.....	76,143	81,917	84,580	91,348	94,414	281,154	283,946	295,293	308,510	315,151
Texas.....	142,025	157,113	163,983	179,834	196,257	656,401	733,849	722,237	841,284	806,823
Southern Plains.....	218,168	239,030	248,563	271,182	290,671	937,555	1,017,795	1,017,530	1,149,794	1,121,974
Montana.....	13,238	14,729	14,262	15,867	15,226	174,893	198,363	184,097	215,615	198,305
Idaho.....	6,354	6,496	6,318	6,536	6,749	127,059	151,421	145,499	162,255	149,477
Wyoming.....	8,189	8,944	8,216	8,726	9,271	82,453	93,735	87,064	101,078	88,360
Colorado.....	21,397	21,121	22,496	22,189	23,263	275,633	277,126	294,393	304,980	308,907
New Mexico.....	8,236	7,184	7,566	9,993	8,653	65,957	78,609	72,290	83,477	80,785
Arizona.....	9,376	8,089	9,768	9,413	8,892	192,159	210,295	193,074	210,649	225,252
Utah.....	10,410	10,808	11,243	11,354	10,294	52,109	52,201	53,669	58,042	59,081
Nevada.....	2,597	2,931	2,930	2,783	2,429	13,316	14,960	10,533	12,937	11,582
Mountain.....	79,797	80,302	82,799	86,861	84,777	983,579	1,076,710	1,040,019	1,149,033	1,121,749
Washington.....	31,216	34,215	33,064	32,979	31,020	160,067	202,298	177,860	210,860	175,917
Oregon.....	24,637	25,429	26,000	25,192	24,619	109,308	132,210	120,628	144,653	130,962
California.....	232,301	237,891	231,870	244,831	218,703	803,038	902,985	823,397	938,754	866,370
Pacific.....	288,154	297,535	290,934	303,002	274,342	1,072,413	1,237,493	1,121,885	1,294,267	1,173,249
Alaska.....	657	660	708	757	779	833	900	926	985	998
Hawaii.....	4,098	4,294	4,509	4,229	3,314	12,269	10,769	9,779	11,262	11,107
United States.....	3,541,927	3,810,312	3,856,514	4,181,131	4,113,251	9,271,660	9,980,678	9,719,738	10,553,634	10,329,766
Possessions <sup>3</sup> .....	20,625	60,022	17,979	23,742	19,089	11,500	26,592	14,518	12,196	10,029

<sup>1</sup> Includes loans of national and State commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of farm.

<sup>2</sup> Includes bank holdings of farm-ownership loans and soil and water loans insured by the Farmers Home Administration.

<sup>3</sup> Mariana Islands, Puerto Rico, Samoa (American), and Virgin Islands.

Economic Research Service. Data from Federal Deposit Insurance Corporation.



**Table 709.—Farm loans: Number and amount guaranteed or insured by the Veterans Administration, United States, 1954-69**

Year	Loans			Amount of loans	Amount of guaranty or insurance		
	Real estate	Non-real estate	Total		Real estate	Non-real estate	Total
	Number <sup>1</sup>	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954	457	967	1,424	6,464	1,380	450	1,830
1955	718	1,148	1,866	9,804	2,332	622	2,954
1956	401	911	1,312	6,626	1,290	400	1,690
1957	196	628	824	3,750	558	184	742
1958	202	51	253	1,595	300	48	348
1959	114	65	179	1,170	290	55	345
1960	57	38	95	547	162	20	182
1961	44	15	59	395	166	8	174
1962	41	14	55	446	206	16	222
1963	17	1	18	177	95	1	96
1964	21	2	23	287	126	8	134
1965	27	0	27	371	164	0	164
1966	27	0	27	295	130	0	130
1967	15	1	16	282	104	2	106
1968	13	2	15	197	98	2	100
1969	18	0	18	208	112	0	112

Economic Research Service. Data from the Veterans Administration. Data for 1944-53 in *Agricultural Statistics, 1967*, table 728.

**Table 710.—Farm Credit System: Loans and discounts made, United States, 1954-69<sup>1</sup>**

Year	Federal land banks	Federal intermediate credit banks' loans to and discounts for—		Banks for cooperatives	Production credit associations <sup>3</sup>	Net total <sup>4</sup>
		Production credit associations and banks for cooperatives	Other financing institutions <sup>2</sup>			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954	306,276	1,667,972	160,098	482,722	1,273,234	2,222,330
1955	487,489	1,792,368	172,111	527,636	1,386,341	2,573,577
1956	522,357	1,966,028	167,046	608,646	1,488,180	2,786,229
1957	398,993	2,218,423	175,220	541,832	1,731,030	2,846,575
1958	429,424	2,768,046	219,791	558,681	2,204,942	3,412,838
1959	572,064	3,094,372	226,397	697,741	2,515,362	4,011,564
1960	503,888	3,136,068	228,858	684,442	2,607,399	4,024,587
1961	632,517	3,458,043	236,208	799,525	2,869,054	4,537,299
1962	644,706	3,858,874	265,349	923,495	3,217,415	5,050,965
1963	742,860	4,284,143	282,186	1,019,194	3,550,795	5,595,035
1964	998,081	4,468,712	275,796	1,165,513	3,705,156	6,144,546
1965	1,235,154	4,980,451	295,518	1,316,229	4,135,519	6,982,420
1966	1,337,250	5,865,245	351,080	1,664,844	4,813,178	8,166,352
1967	1,267,536	6,669,312	386,584	1,743,449	5,427,751	8,825,370
1968	1,101,322	(5)	409,768	1,802,226	6,052,907	9,366,223
1969	1,165,895	(5)	504,533	1,942,213	7,077,351	10,689,992

<sup>1</sup> Includes Puerto Rico. Loans have been made in Alaska and Hawaii by the Federal land banks.

<sup>2</sup> Includes Federal intermediate credit bank direct loans to cooperative associations; such loans were not made after Dec. 31, 1956.

<sup>3</sup> Includes renewals.

<sup>4</sup> Net total excludes interagency loans.

<sup>5</sup> Not available.

Farm Credit Administration. Data for 1929-53 in *Agricultural Statistics, 1967*, table 729.

Table 711.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1969 and outstanding Jan. 1, 1970, and number of associations Jan. 1, 1970, by States

State and division <sup>1</sup>	Federal land bank associations, Jan. 1, 1970	Federal land bank loans			
		Loans made during 1969		Loans outstanding Jan. 1, 1970	
		Number	1,000 dollars	Number	1,000 dollars
Maine.....	2	42	1,972	489	7,109
New Hampshire.....		14	372	255	3,090
Vermont.....	2	104	3,863	1,184	17,555
Massachusetts.....		39	1,412	889	13,262
Rhode Island.....		8	221	147	2,588
Connecticut.....	1	44	1,580	832	18,764
New England.....	5	251	9,420	3,796	62,368
New York.....	13	535	18,529	7,198	111,131
New Jersey.....	3	97	6,903	1,280	32,360
Pennsylvania.....	10	483	14,243	4,495	68,341
Middle Atlantic.....	26	1,115	39,765	12,973	211,832
Ohio.....	21	982	31,843	11,322	211,971
Indiana.....	26	1,460	42,048	16,483	276,269
Illinois.....	28	1,511	50,586	16,937	340,377
Michigan.....	15	1,810	42,952	15,647	204,852
Wisconsin.....	15	1,244	29,969	11,712	140,913
East North Central.....	105	7,007	197,398	72,101	1,174,382
Minnesota.....	24	1,559	36,068	21,385	274,553
Iowa.....	31	1,924	69,139	22,286	402,023
Missouri.....	22	1,196	25,152	14,040	184,267
North Dakota.....	13	931	24,213	9,506	146,574
South Dakota.....	18	779	17,528	13,072	158,816
Nebraska.....	22	976	28,821	14,736	223,654
Kansas.....	24	1,736	44,052	17,544	250,326
West North Central.....	154	9,101	244,971	112,569	1,640,213
Delaware.....	1	55	5,065	501	12,756
Maryland.....	5	232	12,724	1,849	57,200
Virginia.....	12	664	25,607	4,715	107,131
West Virginia.....	3	68	1,508	1,161	12,085
North Carolina.....	15	2,176	42,866	15,509	174,846
South Carolina.....	9	1,141	30,588	6,862	100,926
Georgia.....	15	2,383	60,902	14,994	218,443
Florida.....	7	604	36,438	3,997	137,422
South Atlantic.....	67	7,323	215,698	49,588	820,809
Kentucky.....	14	814	22,949	7,166	134,546
Tennessee.....	17	1,135	27,011	9,472	139,130
Alabama.....	14	1,042	33,791	11,713	126,851
Mississippi.....	12	1,002	33,239	8,995	138,510
East South Central.....	57	3,993	106,990	37,346	539,037
Arkansas.....	11	572	12,554	5,957	107,788
Louisiana.....	11	945	35,391	6,418	138,404
Oklahoma.....	14	1,017	26,205	8,689	126,214
Texas.....	68	2,204	64,250	36,680	501,618
West South Central.....	104	4,738	138,400	57,744	874,024
Montana.....	19	619	29,982	6,151	175,704
Idaho.....	13	704	20,903	9,054	162,307
Wyoming.....	3	94	6,685	2,181	54,130
Colorado.....	13	668	26,533	6,875	161,046
New Mexico.....	7	176	7,659	1,961	58,431
Arizona.....	1	51	3,060	983	36,356
Utah.....	5	160	3,835	2,239	33,226
Nevada.....	1	26	1,710	388	14,063
Mountain.....	62	2,498	100,367	29,812	695,263

See footnotes at end of table.

**Table 711.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1969 and outstanding Jan. 1, 1970, and number of associations Jan. 1, 1970, by States—Continued**

State and division <sup>1</sup>	Federal land bank associations, Jan. 1, 1970	Federal land bank loans			
		Loans made during 1969		Loans outstanding Jan. 1, 1970	
		Number	1,000 dollars	Number	1,000 dollars
Washington.....	12	644	21,936	6,212	114,600
Oregon.....	13	390	14,356	4,962	101,532
California.....	29	1,125	71,905	12,553	422,729
Pacific.....	54	2,159	108,197	23,727	638,861
Alaska.....		5	137	52	935
Hawaii.....		9	635	37	9,997
United States.....	634	38,199	1,161,978	399,745	6,667,721
Puerto Rico.....	1	171	3,917	2,695	46,451
Total.....	635	38,370	1,165,895	402,440	6,714,172

<sup>1</sup> New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island, by the association in Connecticut; and Alaska and Hawaii by associations in Washington and California, respectively.

Farm Credit Administration.

**Table 712.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1954–70 <sup>1</sup>**

Year	Federal land banks	Federal intermediate credit banks' loans to and discounts for—		Banks for cooperatives	Production credit associations	Net total <sup>3</sup>
		Production credit associations and banks for cooperatives	Other financing institutions <sup>2</sup>			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	1,179,889	545,181	69,673	372,110	550,416	2,172,088
1955.....	1,280,944	602,092	62,794	361,615	587,225	2,292,578
1956.....	1,497,165	621,828	70,785	370,683	653,478	2,592,111
1957.....	1,744,052	683,519	63,382	457,103	706,586	2,971,123
1958.....	1,919,281	861,158	70,688	454,451	894,877	3,339,297
1959.....	2,088,791	1,068,462	88,045	509,828	1,125,574	3,812,238
1960.....	2,359,841	1,295,359	95,285	622,433	1,371,908	4,449,467
1961.....	2,563,772	1,409,415	91,951	648,859	1,490,138	4,794,720
1962.....	2,827,973	1,549,177	100,532	696,650	1,651,634	5,276,789
1963.....	3,051,973	1,728,721	111,209	734,894	1,855,132	5,753,208
1964.....	3,309,883	1,969,549	129,292	840,122	2,123,403	6,402,700
1965.....	3,718,170	2,115,077	131,751	957,826	2,296,248	7,103,995
1966.....	4,280,675	2,369,702	146,091	1,055,163	2,598,460	8,080,389
1967.....	4,957,836	2,761,231	162,473	1,289,819	3,042,333	9,452,461
1968.....	5,609,265	3,229,366	181,781	1,506,383	3,550,971	10,848,400
1969.....	6,126,369	3,471,207	183,100	1,576,960	3,861,179	11,747,608
1970.....	6,714,172	4,050,225	224,425	1,731,971	4,533,205	13,203,773

<sup>1</sup> Includes Puerto Rico. Loans have been made in Alaska and Hawaii by the Federal land banks.

<sup>2</sup> Includes Federal intermediate credit bank direct loans to cooperatives; such loans were not held after 1957.

<sup>3</sup> Net total excludes interagency loans.

Farm Credit Administration. Data for 1929-53 in *Agricultural Statistics, 1967*, table 731.

## 506 TAXES, INSURANCE, CREDIT, AND COOPERATIVES, 1970

Table 713.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1970, loans made during 1969, and loans outstanding on specified dates 1969 and 1970, by States<sup>1</sup>

State and division	Production credit associations Jan. 1, 1970	Number of members having outstanding loans Jan. 1, 1970	Loans made during 1969 <sup>2</sup>	Loans outstanding		
				1969		1970
				Jan. 1	July 1	Jan. 1
	<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>
Maine.....	2	747	16,100	15,254	13,145	16,329
New Hampshire <sup>3</sup> .....		242	3,066	2,801	2,712	2,786
Vermont.....	2	1,209	23,973	17,848	19,385	18,706
Massachusetts <sup>3</sup> .....		757	7,385	7,025	7,126	10,009
Rhode Island <sup>3</sup> .....		171	1,773	1,504	1,499	1,461
Connecticut.....	1	738	14,318	12,734	13,262	13,162
New England.....	5	3,864	66,615	57,166	57,129	62,453
New York.....	13	8,782	136,664	111,906	121,828	129,331
New Jersey.....	3	922	22,054	13,998	17,467	17,333
Pennsylvania.....	10	6,656	73,764	58,086	62,460	65,615
Middle Atlantic.....	26	16,360	232,482	183,990	201,755	212,279
Ohio.....	11	17,906	199,702	153,064	164,918	160,585
Indiana.....	10	14,323	225,144	144,104	159,198	149,528
Illinois.....	17	10,824	246,454	152,739	161,550	158,324
Michigan.....	9	8,371	106,627	82,516	90,805	90,901
Wisconsin.....	17	18,382	254,570	185,085	203,382	218,585
East North Central.....	64	69,806	1,032,497	717,508	779,853	777,923
Minnesota.....	20	13,703	302,710	171,529	195,739	197,076
Iowa.....	16	8,214	378,156	156,406	173,352	188,601
Missouri.....	13	13,147	234,732	125,814	150,303	134,930
North Dakota.....	5	7,263	144,867	85,700	106,035	100,499
South Dakota.....	9	4,207	163,970	76,712	83,164	85,663
Nebraska.....	14	6,377	332,176	146,700	159,075	169,179
Kansas.....	14	4,065	277,397	96,600	108,592	127,522
West North Central.....	91	56,976	1,834,008	859,461	976,260	1,003,470
Delaware.....	1	748	10,035	8,312	9,677	8,536
Maryland.....	6	2,330	36,192	32,415	35,720	37,064
Virginia.....	12	5,366	55,400	43,535	50,574	49,983
West Virginia.....	3	1,422	8,096	7,361	8,177	7,846
North Carolina.....	19	19,432	128,939	121,394	156,824	143,686
South Carolina.....	11	6,543	72,151	63,767	82,904	75,053
Georgia.....	21	10,956	168,089	119,817	155,515	152,698
Florida.....	9	4,022	137,018	120,868	120,801	151,053
South Atlantic.....	82	50,819	615,920	517,469	620,192	625,908
Kentucky.....	9	18,534	158,950	126,129	138,198	141,458
Tennessee.....	9	19,031	170,724	135,383	151,928	146,565
Alabama.....	8	4,567	72,613	46,296	56,691	52,937
Mississippi.....	10	5,182	154,070	66,065	103,862	79,626
East South Central.....	36	47,314	556,357	373,873	450,679	420,586
Arkansas.....	14	8,761	257,214	107,206	170,432	119,829
Louisiana.....	8	4,648	109,646	52,442	90,059	63,334
Oklahoma.....	14	4,818	264,838	97,213	118,609	133,191
Texas.....	34	12,634	652,593	224,073	301,887	301,076
West South Central.....	70	30,861	1,284,291	480,934	680,987	617,430
Montana.....	11	3,448	163,140	79,141	98,952	94,243
Idaho.....	5	3,531	154,295	65,051	76,297	83,980
Wyoming.....	1	394	51,775	24,553	30,489	30,646
Colorado.....	8	3,039	277,219	124,475	148,827	156,078
New Mexico.....	5	1,118	97,855	45,328	57,316	54,219
Arizona.....	2	382	36,489	15,731	16,952	15,734
Utah.....	2	905	51,871	23,040	22,992	24,262
Nevada.....	1	85	6,376	3,123	3,325	3,249
Mountain.....	35	12,902	839,020	380,442	455,150	462,411

See footnotes at end of table.

**Table 713.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1970, loans made during 1969, and loans outstanding on specified dates 1969 and 1970, by States<sup>1</sup>—Continued**

State and division	Production credit associations Jan. 1, 1970	Number of members having outstanding loans Jan. 1, 1970	Loans made during 1969 <sup>2</sup>	Loans outstanding		
				1969		1970
				Jan. 1	July 1	Jan. 1
	<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>
Washington.....	6	2,275	67,820	29,028	38,500	37,989
Oregon.....	8	3,394	184,233	75,185	99,523	103,624
California.....	23	5,739	332,449	150,743	175,007	170,748
Pacific.....	37	11,408	584,502	254,956	313,030	312,361
United States.....	446	300,310	7,045,692	3,825,799	4,535,035	4,494,821
Puerto Rico.....	1	908	31,659	35,380	34,027	38,384
Total.....	447	301,218	7,077,351	3,861,179	4,569,062	4,533,205

<sup>1</sup> No loans have been made in Alaska and Hawaii. <sup>2</sup> Includes renewals. <sup>3</sup> New Hampshire, Massachusetts, and Rhode Island are served by the Production Credit Association in Connecticut.

Farm Credit Administration.

**Table 714.—Federal intermediate credit banks: Loans and discounts outstanding, Jan. 1, 1954–70 and made 1954–69, by type of borrower, United States<sup>1</sup>**

Year	Loans outstanding Jan. 1			
	Production credit associations	Banks for cooperatives	Other financing institutions <sup>2</sup>	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954.....	520,522	24,659	69,673	614,854
1955.....	574,892	27,200	62,794	664,886
1956.....	618,628	3,200	70,785	692,613
1957.....	669,569	13,950	63,381	746,900
1958.....	858,158	3,000	70,688	931,846
1959.....	1,068,462	.....	88,045	1,156,507
1960.....	1,295,359	.....	95,285	1,390,644
1961.....	1,409,415	.....	91,951	1,501,366
1962.....	1,549,177	.....	100,532	1,649,709
1963.....	1,728,722	.....	111,209	1,839,931
1964.....	1,969,549	.....	129,292	2,098,841
1965.....	2,115,077	.....	131,751	2,246,828
1966.....	2,369,702	.....	146,091	2,515,793
1967.....	2,761,231	.....	162,472	2,923,703
1968.....	3,229,366	.....	181,781	3,411,147
1969.....	3,471,207	.....	183,100	3,654,307
1970.....	4,050,225	.....	224,425	4,274,650

  

Year	Made during year			
	Production credit associations	Banks for cooperatives	Other financing institutions <sup>2</sup>	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954.....	1,594,621	73,350	160,098	1,828,069
1955.....	1,740,465	51,904	172,111	1,964,480
1956.....	1,933,029	33,000	167,046	2,133,075
1957.....	2,213,223	5,200	175,220	2,393,643
1958.....	2,768,047	.....	219,781	2,987,828
1959.....	3,093,972	400	226,397	3,320,769
1960.....	3,136,068	.....	228,858	3,364,926
1961.....	3,458,043	.....	236,203	3,694,246
1962.....	3,858,874	.....	265,349	4,124,223
1963.....	4,284,143	.....	282,186	4,566,329
1964.....	4,468,712	.....	275,796	4,744,508
1965.....	4,980,451	.....	295,518	5,275,969
1966.....	5,865,245	.....	351,080	6,216,325
1967.....	6,669,312	.....	386,584	7,055,896
1968.....	( <sup>3</sup> )	.....	409,768	409,768
1969.....	( <sup>3</sup> )	.....	504,533	504,533

See footnotes on page 508.

Table 715.—Farmers Home Administration: Real estate loans to individuals and loans outstanding, United States and Territories, 1954-70<sup>1</sup>

Year	Farm ownership loans <sup>2</sup>						Soil and water loans					
	Direct			Insured			Direct			Insured		
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	
1954	1,516	19,350	194,007	1,577	17,707	58,535	993	4,560	14,088	295	1,211	.....
1955	1,118	15,554	198,919	3,324	37,239	66,330	183	453	16,169	3,313	17,930	1,211
1956	1,954	27,854	198,677	2,661	34,266	97,226	589	2,156	13,768	1,349	7,350	16,313
1957	2,889	43,322	208,560	1,726	22,475	128,117	794	4,690	13,267	301	1,852	20,777
1958	1,589	26,961	238,773	2,425	35,705	146,402	375	1,756	15,378	197	1,033	19,820
1959	1,435	27,676	248,873	1,648	25,702	170,144	615	2,958	14,206	143	779	16,833
1960	1,758	33,054	258,498	1,236	18,175	186,209	238	1,335	14,207	211	872	13,642
1961	1,869	33,495	275,146	3,864	60,840	192,691	204	1,023	12,866	321	1,849	11,543
1962	1,071	15,696	293,291	12,247	204,333	227,276	363	1,426	11,615	404	2,757	10,256
1963	2,102	32,622	291,746	9,131	164,359	407,494	403	1,081	10,971	526	3,641	10,726
1964	2,188	39,735	302,326	9,410	176,869	547,194	387	1,100	9,735	409	3,146	11,792
1965	2,666	48,123	318,287	9,531	188,836	685,133	349	1,388	8,733	289	1,841	12,513
1966	344	5,687	340,171	10,247	232,412	809,836	589	1,908	8,216	339	1,815	12,038
1967	275	5,064	318,041	9,486	236,526	1,000,043	400	1,122	8,420	561	3,216	11,815
1968	255	5,149	296,027	<sup>3</sup> 8,790	<sup>2</sup> 220,789	1,171,290	512	2,310	8,139	521	2,931	12,492
1969	179	4,877	275,676	<sup>3</sup> 9,482	<sup>2</sup> 272,950	1,319,043	296	1,562	8,811	659	3,585	14,202
1970	.....	.....	257,741	.....	.....	1,515,372	.....	.....	9,405	.....	.....	15,766

  

Year	Rural housing loans						Farm labor housing loans (insured)			Rural rental housing loans (insured)		
	Direct			Insured			New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1
	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1						
Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	
1954	576	3,478	78,913	.....	.....	.....	.....	.....	.....	.....	.....	.....
1955	.....	.....	77,177	.....	.....	.....	.....	.....	.....	.....	.....	.....
1956	1,656	11,042	70,640	.....	.....	.....	.....	.....	.....	.....	.....	.....
1957	3,697	25,801	72,979	.....	.....	.....	.....	.....	.....	.....	.....	.....
1958	6,902	51,616	91,442	.....	.....	.....	.....	.....	.....	.....	.....	.....
1959	6,242	51,055	131,195	.....	.....	.....	.....	.....	.....	.....	.....	.....
1960	5,219	43,227	170,555	.....	.....	.....	.....	.....	.....	.....	.....	.....
1961	10,141	87,987	200,256	.....	.....	.....	1	2	.....	.....	.....	.....
1962	18,220	176,883	269,549	.....	.....	.....	3	24	.....	.....	.....	.....
1963	12,941	123,416	419,754	.....	.....	.....	3	12	12	5	184	.....
1964	13,993	127,568	517,890	.....	.....	.....	6	22	37	14	667	158
1965	14,697	114,775	610,273	3,578	34,357	.....	9	52	57	26	697	721
1966	6,107	17,751	688,219	32,736	316,452	12,870	11	78	98	44	1,154	1,326
1967	5,816	10,713	665,239	47,231	476,021	312,054	18	410	166	117	3,788	2,462
1968	4,465	7,741	628,059	48,729	488,535	773,319	21	207	392	239	9,025	5,217
1969	4,760	8,469	590,489	50,359	550,963	1,219,295	12	168	589	277	13,242	13,310
1970	.....	.....	553,274	.....	.....	1,682,107	.....	.....	707	.....	.....	24,000

<sup>1</sup> Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments.

<sup>2</sup> Includes loans for farm purchase, enlargement, development, and refinancing purposes; 1969 data also include farm ownership insured loans for nonfarm enterprises.

<sup>3</sup> Includes 10 Recreation loans for \$419,180 in 1968 and 76 for \$2,199,520 in 1969.

<sup>4</sup> Includes Recreation loans outstanding for \$100,095 as of Jan. 1, 1969 and \$2,466,267 as of Jan. 1, 1970.

Farmers Home Administration. Data for 1944-53 in *Agricultural Statistics, 1967*, table 735.

## FOOTNOTES FOR TABLE 714

<sup>1</sup> Includes Puerto Rico. No loans have been made in Alaska and Hawaii.

<sup>2</sup> Represents mainly loans to, and discounts for, agricultural credit corporations; also includes direct loans to cooperative associations which were no longer made after 1956 and were not outstanding after 1957.

<sup>3</sup> Not available.

Farm Credit Administration. Data for 1929-53 in *Agricultural Statistics, 1967*, table 733.

**Table 716.—Farmers Home Administration: Non-real-estate loans to individuals and loans to associations, 1954-69, and loans outstanding on Jan. 1, 1954-70, United States and Territories**

Year	Loans to individuals						Loans to associations		
	Operating		Emergency and special livestock		Emergency crop and feed loans outstanding Jan. 1	Economic opportunity		Amount <sup>5</sup>	Balance outstanding Jan. 1 <sup>6</sup>
	Amount <sup>1</sup>	Balance outstanding Jan. 1 <sup>2</sup>	Amount <sup>3</sup>	Balance outstanding Jan. 1 <sup>4</sup>		Amount	Balance outstanding 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	
1954	143,108	308,093	88,873	50,811	19,976		1,423	8,579	
1955	123,056	334,159	88,227	70,587	16,359		1,859	9,703	
1956	165,874	323,580	88,322	72,773	13,527		1,371	11,148	
1957	175,647	341,828	63,596	82,333	11,105		1,758	9,863	
1958	181,315	352,652	60,646	79,922	8,331		1,737	11,245	
1959	186,699	344,005	34,049	60,679	5,874		1,617	11,789	
1960	216,172	349,361	22,722	47,526	4,031		3,098	12,759	
1961	270,771	380,239	35,337	39,421	2,980		5,213	15,201	
1962	272,736	451,105	61,594	46,417	2,384		20,512	19,754	
1963	273,855	504,617	62,504	53,394	2,135		20,512	28,730	
1964	296,068	542,987	53,514	52,873	1,832		48,803	47,982	
1965	312,364	589,902	77,563	56,230	1,579	29,766	95,423	95,069	
1966	283,671	630,691	104,801	64,364	1,410	24,231	27,861	140,985	
1967	302,517	627,954	96,586	70,566	1,116	29,428	46,022	198,038	
1968	283,783	662,690	116,394	76,734	754	15,525	66,589	209,815	
1969	265,546	669,407	94,519	90,305	490	5,311	70,184	202,013	
1970		660,368		70,229	323		61,987	906,384	

<sup>1</sup> Includes production and subsistence and loans from Corporation trust funds.

<sup>2</sup> Includes production and subsistence, rural rehabilitation, construction, and wartime adjustment loans, and loans from Corporation trust funds.

<sup>3</sup> Includes production, economic, and special emergency and fur loans.

<sup>4</sup> Includes production, economic, and special emergency loans; fur, orchard, flood damage and flood and windstorm restoration loans; and Regional Agricultural Credit Corporation loans made by Farm Credit Administration.

<sup>5</sup> Includes direct and insured loans to soil and water associations and rural rental housing organizations; direct loans to watershed, flood prevention, rural renewal, and resource conservation and development organizations, and economic opportunity cooperatives; and insured loans to farm labor housing organizations.

<sup>6</sup> In addition to the types of loans reported in the preceding column, includes direct loans to defense relocation corporations and rural rehabilitation or resettlement project cooperative associations.

Farmers Home Administration. Data for 1944-53 in *Agricultural Statistics, 1967*, table 737.

**Table 717.—Farmers Home Administration: Non-real-estate loans to individuals in 1969 and loans outstanding Jan. 1, 1970, by States and Territories**

State and division	Operating loans		Emergency loans		Economic opportunity loans	
	Amount of loans 1969 <sup>1</sup>	Outstanding Jan. 1, 1970 <sup>2</sup>	Amount of loans 1969	Outstanding Jan. 1, 1970 <sup>3</sup>	Amount of loans 1969	Outstanding Jan. 1, 1970
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine	7,957	24,364	4,003	8,079	20	1,583
New Hampshire	384	1,409	31	65	4	94
Vermont	2,233	7,870	16	51	4	143
Massachusetts	506	1,361	34	112	1	55
Rhode Island	54	1,182	1	28	2	12
Connecticut	585	1,641	57	256	12	31
New England	11,719	36,827	4,142	8,591	43	1,918
New York	6,984	26,548	377	1,311	64	1,521
New Jersey	1,351	4,367	423	1,210	7	410
Pennsylvania	3,504	12,583	164	391	83	1,243
Middle Atlantic	11,839	43,498	964	2,912	154	3,174
Ohio	2,736	8,084	536	662	17	277
Indiana	5,129	12,604	955	946	29	688
Illinois	9,175	25,125	1,981	1,377	41	1,537
Michigan	4,547	13,728	408	625	23	532
Wisconsin	7,552	30,046	21	61	50	1,139
East North Central	29,139	89,587	3,901	3,671	160	4,153

See footnotes at end of table.

Table 717.—Farmers Home Administration: Non-real-estate loans to individuals in 1969 and loans outstanding Jan. 1, 1970, by States and Territories—Continued

State and division	Operating loans		Emergency loans		Economic opportunity loans	
	Amount of loans 1969 <sup>1</sup>	Outstanding Jan. 1, 1970 <sup>2</sup>	Amount of loans 1969	Outstanding Jan. 1, 1970 <sup>3</sup>	Amount of loans 1969	Outstanding Jan. 1, 1970
	<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>
Minnesota.....	8,522	24,746	1,114	1,529	56	1,353
Iowa.....	11,778	37,079	1,330	1,262	25	760
Missouri.....	9,044	19,994	3,696	2,122	182	1,254
North Dakota.....	9,635	25,416	749	547	45	1,267
South Dakota.....	9,717	35,513	345	669	37	1,001
Nebraska.....	8,183	21,888	4,547	3,095	20	1,247
Kansas.....	4,237	12,196	1,359	1,268	8	350
West North Central.....	61,116	176,832	13,140	9,492	373	7,232
Delaware.....	214	660	29	30	0	29
Maryland.....	1,126	2,845	29	92	52	265
Virginia.....	2,620	5,544	550	360	92	977
West Virginia.....	2,066	6,915	35	147	404	2,995
North Carolina.....	10,052	13,612	5,902	1,380	455	2,589
South Carolina.....	3,884	5,723	2,673	810	194	1,510
Georgia.....	8,899	12,793	6,477	1,846	163	2,366
Florida.....	2,320	5,330	452	2,618	62	1,782
South Atlantic.....	31,181	53,422	16,147	7,283	1,422	12,513
Kentucky.....	4,790	12,044	106	131	551	3,921
Tennessee.....	4,823	10,054	879	395	232	1,748
Alabama.....	5,937	8,973	4,577	748	246	1,479
Mississippi.....	8,032	15,886	5,078	2,110	587	4,559
East South Central.....	23,582	46,957	10,640	3,384	1,616	11,707
Arkansas.....	8,251	12,478	6,883	1,420	235	2,230
Louisiana.....	7,790	12,330	6,341	2,810	180	1,862
Oklahoma.....	8,178	18,500	1,384	1,358	149	972
Texas.....	27,613	57,787	20,569	17,306	266	3,423
West South Central.....	51,832	101,095	35,177	22,894	830	8,487
Montana.....	5,775	16,968	37	376	25	322
Idaho.....	9,687	23,343	2,173	1,815	27	395
Wyoming.....	2,996	7,807	667	374	8	475
Colorado.....	4,530	11,466	1,997	2,693	29	409
New Mexico.....	3,031	5,861	17	541	80	1,471
Arizona.....	1,186	2,215	225	632	41	719
Utah.....	3,696	10,608	171	468	38	617
Nevada.....	688	2,069	147	105	8	214
Mountain.....	31,589	80,337	5,434	7,004	256	4,622
Washington.....	5,971	13,908	3,079	2,119	11	193
Oregon.....	2,967	6,621	409	763	32	282
California.....	3,203	8,450	1,452	1,806	18	1,300
Pacific.....	12,141	28,979	4,940	4,688	61	1,775
Alaska.....	57	544	14	70	1	572
Hawaii.....	180	747	0	14	14	128
United States.....	264,375	658,825	94,499	70,003	4,930	56,281
Puerto Rico.....	1,171	1,866	20	226	381	5,706
Virgin Islands.....	0	0	0	0	0	0
Total.....	265,546	660,691	94,519	70,229	5,311	61,987

<sup>1</sup> Includes loans from Corporation trust funds.<sup>2</sup> Includes production and subsistence, rural rehabilitation, construction, and wartime adjustment loans, loans from Corporation trust funds, and emergency crop and feed loans.<sup>3</sup> In addition to current emergency loans, includes production, economic, special emergency, special livestock, fur, flood damage, flood and windstorm restoration loans, and Regional Agricultural Credit Corporation loans, made by the Farm Credit Administration.

Farmers Home Administration.



**Table 718.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1954-70<sup>1</sup>**

Year	Commodity loans	Operating capital loans	Facility loans	Year	Commodity loans	Operating capital loans	Facility loans
	<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>
1954.....	52,189	182,657	137,264	1963.....	80,814	361,774	292,306
1955.....	39,199	168,592	153,824	1964.....	122,929	392,523	324,670
1956.....	44,838	181,989	143,865	1965.....	147,222	455,111	355,492
1957.....	59,591	242,747	154,765	1966.....	133,330	522,790	399,043
1958.....	38,276	240,744	175,431	1967.....		<sup>2</sup> 588,646	<sup>3</sup> 701,173
1959.....	42,059	258,678	209,092	1968.....		<sup>2</sup> 706,218	<sup>3</sup> 800,165
1960.....	70,204	300,324	251,905	1969.....		<sup>2</sup> 694,681	<sup>3</sup> 882,279
1961.....	69,093	320,955	258,811	1970.....		<sup>2</sup> 781,947	<sup>3</sup> 950,024
1962.....	72,701	351,853	272,096				

<sup>1</sup> Includes Puerto Rico. No loans have been made in Alaska and Hawaii. <sup>2</sup> Seasonal loans.

<sup>3</sup> Term loans. After June 30, 1966, loans are classified as "seasonal" and "term." Total amount of loans outstanding is the same as it would have been under the old classification.

Farm Credit Administration. Data for 1934-53 in *Agricultural Statistics, 1967*, table 734.

**Table 719.—Farmers' cooperatives: Number of marketing, farm-supply, and related-service cooperatives and business volume, United States, 1967-68<sup>1</sup> (preliminary)**

Item	Cooperatives handling	Gross business (includes intercooperative business)	Net business (excludes intercooperative business) <sup>2</sup>
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
<b>Products marketed:</b>			
Beans and peas (dry edible).....	54	54,060	34,364
Cotton and cotton products.....	571	475,933	413,259
Dairy products.....	1,120	5,404,561	4,454,516
Fruits and vegetables.....	553	1,981,346	1,645,221
Grain, soybeans, and soybean meal and oil.....	2,567	4,583,002	2,899,313
Livestock and livestock products.....	425	1,961,011	1,856,390
Nuts.....	68	232,499	223,052
Poultry products.....	353	598,759	483,105
Rice.....	57	369,510	285,630
Sugar products.....	69	538,697	537,538
Tobacco.....	28	282,714	282,714
Wool and mohair.....	204	22,953	22,951
Miscellaneous <sup>3</sup> .....	161	57,575	53,893
<b>Total farm products.....</b>	<b>4 5,552</b>	<b>16,556,620</b>	<b>13,197,246</b>
<b>Supplies purchased:</b>			
Building materials.....	2,164	187,038	133,646
Containers.....	1,080	89,784	32,478
Farm machinery and equipment.....	1,563	167,966	109,123
Feed.....	4,228	1,654,294	1,169,377
Fertilizer.....	4,338	1,243,618	664,736
Meats and groceries.....	730	101,798	78,700
Petroleum products.....	2,745	1,207,527	785,150
Seed.....	3,986	185,064	129,223
Sprays and dusts (farm chemicals).....	3,551	215,272	128,095
Other supplies <sup>4</sup> .....	4,841	488,964	292,606
<b>Total farm supplies.....</b>	<b>4 6,368</b>	<b>5,541,325</b>	<b>3,521,134</b>
<b>Receipts for services:</b>			
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous.....	4 5,329	6 316,014	6 316,014
<b>Total business.....</b>	<b>4 7,940</b>	<b>22,413,959</b>	<b>17,034,394</b>

<sup>1</sup> Includes Alaska and Hawaii.

<sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers.

<sup>3</sup> Includes coffee, forest products, fur pelts, bay, hops, nursery stock, tung oil, and other farm products not separately classified.

<sup>4</sup> Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual services.

<sup>5</sup> Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified.

<sup>6</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Farmers' Cooperative Service. Based on records from cooperatives reporting to the Service.

Table 720.—Farmer's marketing, farm-supply, and related-service cooperatives: Number, memberships, and business, United States, 1954-67 <sup>1</sup>

Year <sup>2</sup>	Cooperatives <sup>3</sup>				Estimated memberships <sup>5</sup>				Estimated service receipts <sup>6</sup>
	Marketing	Farm supply	Service <sup>4</sup>	Total	Marketing	Farm supply	Service <sup>4</sup>	Total	
	Number	Number	Number	Number	1,000 members	1,000 members	1,000 members	1,000 members	Million dollars
1954	6,330	3,346	227	9,903	4,213	3,323	68	7,604	195
1955	6,284	3,375	235	9,894	4,223	3,444	65	7,732	215
1956	6,284	3,373	234	9,891	4,122	3,489	62	7,673	235
1957	6,119	3,383	233	9,735	3,880	3,543	63	7,486	247
1958	6,042	3,387	229	9,658	3,861	3,644	54	7,559	273
1959	5,828	3,297	220	9,345	3,622	3,600	51	7,273	298
1960	5,727	3,222	214	9,163	3,473	3,680	50	7,203	306
1961	5,626	3,206	207	9,039	3,420	3,635	44	7,099	302
1962	5,502	3,211	194	8,907	3,582	3,596	41	7,119	303
1963	5,421	3,226	200	8,847	3,613	3,425	42	7,080	313
1964	5,305	3,085	193	8,583	3,791	3,251	40	7,082	316
1965	5,194	2,949	186	8,329	3,636	3,154	36	6,826	325
1966	5,076	2,871	178	8,125	3,299	3,169	34	6,502	318
1967 <sup>7</sup>	4,929	2,835	176	7,940	3,225	3,187	34	6,446	316

Year <sup>2</sup>	Marketing volume <sup>3</sup>		Farm supply volume <sup>3</sup>		Total marketing and farm supply volume and service receipts <sup>3</sup>	
	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1954	9,348	7,425	2,922	2,022	12,465	9,642
1955	9,514	7,495	2,973	2,046	12,702	9,756
1956	10,110	7,999	3,153	2,146	13,498	10,380
1957	10,539	8,318	3,269	2,188	14,055	10,753
1958	11,412	9,103	3,550	2,371	15,235	11,747
1959	11,689	9,330	3,660	2,408	15,647	12,036
1960	12,144	9,631	3,744	2,472	16,194	12,409
1961	12,993	10,161	3,915	2,561	17,210	13,024
1962	13,894	10,834	4,145	2,705	18,342	13,842
1963	14,533	11,209	4,394	2,832	19,240	14,354
1964	14,816	11,516	4,495	2,910	19,627	14,742
1965	15,489	12,198	4,805	3,085	20,619	15,608
1966	16,265	12,900	5,314	3,339	21,897	16,557
1967 <sup>7</sup>	16,557	13,197	5,541	3,521	22,414	17,034

<sup>1</sup> Includes Alaska and Hawaii.

<sup>2</sup> Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following calendar year, with limited exceptions.

<sup>3</sup> Includes independent local cooperatives, centralized cooperatives, and federations of cooperatives. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative.

<sup>4</sup> Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities.

<sup>5</sup> Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)

<sup>6</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

<sup>7</sup> Preliminary.

<sup>8</sup> Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm-supply cooperatives with other cooperatives or terminal market sales for local cooperatives.

<sup>9</sup> Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.

Farmer Cooperative Service. Based on records from cooperatives reporting to the Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 676.

**Table 721.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm-supply, and related-service cooperatives, by States, 1967-68 (preliminary)**

State and division	Cooperatives headquartered in State	Cooperatives doing business in State <sup>1</sup>	Memberships in State	Net business (excludes intercooperative business) <sup>2</sup>
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Maine.....	15	20	10,380	56,523
New Hampshire.....	6	15	2,845	28,323
Vermont.....	18	27	9,050	104,749
Massachusetts.....	20	27	9,015	84,225
Rhode Island.....	1	5	755	13,424
Connecticut.....	19	26	5,735	75,268
New England.....	79		37,780	362,512
New York.....	297	310	132,935	848,319
New Jersey.....	51	60	22,605	124,658
Pennsylvania.....	126	146	82,725	456,439
Middle Atlantic.....	474		238,265	1,429,416
Ohio.....	225	246	267,280	680,332
Indiana.....	122	152	421,420	562,135
Illinois.....	374	394	410,810	942,703
Michigan.....	162	183	136,490	461,403
Wisconsin.....	578	603	393,315	921,074
East North Central.....	1,461		1,629,315	3,567,647
Minnesota.....	971	998	560,510	1,168,862
Iowa.....	498	537	426,565	1,135,757
Missouri.....	184	211	395,920	483,238
North Dakota.....	488	508	231,250	413,856
South Dakota.....	287	309	179,530	281,146
Nebraska.....	351	377	255,245	530,796
Kansas.....	299	324	212,795	530,963
West North Central.....	3,078		2,261,815	4,544,618
Delaware.....	9	16	12,260	15,876
Maryland.....	43	56	55,535	145,890
Virginia.....	131	142	170,910	230,671
West Virginia.....	67	81	46,165	50,712
North Carolina.....	39	57	176,860	272,877
South Carolina.....	20	27	40,255	66,996
Georgia.....	73	88	133,345	250,212
Florida.....	98	110	52,265	403,954
South Atlantic.....	480		687,595	1,437,188
Kentucky.....	82	95	210,645	188,319
Tennessee.....	130	147	147,245	156,962
Alabama.....	60	73	70,540	99,224
Mississippi.....	130	145	140,680	281,092
East South Central.....	402		569,110	725,597
Arkansas.....	101	120	95,910	304,202
Louisiana.....	96	106	17,290	125,586
Oklahoma.....	162	183	142,640	290,001
Texas.....	508	529	187,315	756,899
West South Central.....	867		443,155	1,476,688
Montana.....	172	187	72,720	142,355
Idaho.....	72	91	51,900	167,675
Wyoming.....	31	42	13,765	31,188
Colorado.....	96	112	49,765	174,239
New Mexico.....	28	38	9,715	35,190
Arizona.....	15	29	80,250	111,136
Utah.....	52	59	22,790	112,770
Nevada.....	3	13	315	5,614
Mountain.....	469		301,220	780,167

See footnotes at end of table.

**Table 721.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm-supply, and related-service cooperatives, by States, 1967-68 (preliminary)—Continued**

State and division	Cooperatives headquartered in State	Cooperatives doing business in State <sup>1</sup>	Memberships in State	Net business (excludes intercooperative business) <sup>2</sup>
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Washington.....	165	178	123,405	478,654
Oregon.....	87	108	59,200	296,773
California.....	354	362	91,780	<sup>3</sup> 1,914,427
Pacific.....	606		274,385	2,689,854
48 States.....	7,916		6,442,640	17,013,687
Alaska.....	2	3	425	2,568
Hawaii.....	22	25	2,195	<sup>3</sup> 14,303
Export.....		3	150	4,836
United States.....	7,940		6,445,410	17,034,394

<sup>1</sup> Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication.

<sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers.

<sup>3</sup> Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

<sup>4</sup> Sales to foreign countries.

Farmer Cooperative Service.

**Table 722.—Farmers' cooperatives: Types, numbers, and memberships, United States**

Type	Year or date of data	Associations	Estimated memberships or participants
		<i>Number</i>	<i>Number</i>
Marketing and farm supply:			
Marketing <sup>1</sup> .....	1967-68.....	<sup>2</sup> 4,929	3,225,185
Farm supply <sup>1</sup> .....	1967-68.....	<sup>2</sup> 2,835	3,186,640
Miscellaneous services <sup>1,4</sup> .....	1967-68.....	<sup>5</sup> 176	33,585
Service:			
Federal land bank associations <sup>6</sup> .....	July 1, 1969.....	652	<sup>7</sup> 371,746
Production credit associations <sup>6</sup> .....	July 1, 1969.....	451	535,091
Banks for cooperatives <sup>6</sup> .....	July 1, 1969.....	13	<sup>8</sup> 3,650,000
Rural credit unions <sup>9</sup> .....	July 1, 1969.....	775	275,000
Rural electric cooperatives <sup>10</sup> .....	Jan. 1, 1969.....	11,902	<sup>12</sup> 5,474,723
Rural telephone cooperatives <sup>10</sup> .....	Jan. 1, 1969.....	11,229	<sup>12</sup> 545,346
Farmers' mutual fire insurance companies <sup>9</sup> .....	July 1, 1969.....	1,250	3,000,000
Production:			
Mutual irrigation companies <sup>13</sup> .....	1959.....	7,729	161,679
Dairy herd improvement associations <sup>14</sup> .....	Jan. 1, 1969.....	1,289	60,684
Dairy-cattle artificial breeding associations <sup>14</sup> .....	Jan. 1, 1969.....	21	<sup>15</sup> 265,324

<sup>1</sup> Farmer Cooperative Service, U.S. Department of Agriculture.

<sup>2</sup> When associations marketing farm products but principally engaged in providing some other services are included, the total is 5,552.

<sup>3</sup> When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 6,368.

<sup>4</sup> Includes trucking, storage, grinding, locker plant, and other services.

<sup>5</sup> When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 5,329.

<sup>6</sup> Farm Credit Administration.

<sup>7</sup> Represents the number of Federal Land Bank loans outstanding as of June 30, 1969.

<sup>8</sup> Estimated 2,955 cooperative associations were borrowers from banks for cooperatives.

<sup>9</sup> Farmer Cooperative Service, U.S. Department of Agriculture estimates.

<sup>10</sup> Rural Electrification Administration, U.S. Department of Agriculture.

<sup>11</sup> Includes associations that are REA repaid borrowers.

<sup>12</sup> Includes only memberships of associations financed by REA.

<sup>13</sup> Census of Irrigation, Department of Commerce.

<sup>14</sup> Dairy Cattle Research Branch, Agricultural Research Service, U.S. Department of Agriculture.

<sup>15</sup> Number of herds serviced by cooperatives.

Farmer Cooperative Service.

**Table 723.—Rural Electrification Administration: Number and amount of electrification loans approved by purpose of loan, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1970 <sup>1</sup>**

State and Territory	Total loans		Loans to cooperative associations <sup>2</sup>		Loans by purpose			Miles of line provided for by loans <sup>4</sup>	Consumers provided for by loans <sup>4</sup>
	Borrowers	Amount	Borrowers	Amount	Distribution systems	Generation and transmission	Consumer facilities <sup>3</sup>		
	Number	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number
Maine	4	6,855	4	6,855	4,889	1,907	59	1,200	8,588
New Hampshire	1	17,726	1	17,726	17,156	538	32	3,278	30,925
Vermont	3	13,226	3	13,226	10,289	2,009	928	2,239	10,678
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 York	7	8,613	6	6,749	8,465	63	85	3,867	15,495
New Jersey	2	2,951	2	2,951	2,947	0	4	702	7,032
Pennsylvania	12	70,248	12	70,248	69,924	85	239	19,687	107,545
Ohio	28	103,707	27	97,465	100,497	2,992	218	32,064	160,244
Indiana	47	196,011	46	195,581	94,839	100,455	717	41,963	202,402
Illinois	30	188,836	29	188,755	128,701	59,923	212	48,832	170,645
Michigan	15	125,576	15	125,576	71,348	53,755	473	23,102	128,303
Wisconsin	31	234,295	30	234,204	72,544	159,906	1,845	33,678	112,745
Minnesota	55	312,518	53	311,560	192,925	115,247	4,346	89,242	282,000
Iowa	57	247,680	54	246,080	124,377	122,896	407	61,104	156,436
Missouri	49	467,514	48	467,479	238,377	228,316	821	93,147	342,176
North Dakota	26	358,563	24	352,963	111,763	244,784	2,016	59,474	177,166
South Dakota	34	152,680	34	152,680	112,914	38,885	881	55,127	89,715
Nebraska	36	205,339	4	19,298	139,698	65,079	562	64,066	117,935
Kansas	38	169,935	37	169,929	126,323	43,197	415	59,244	116,998
Delaware	1	11,492	1	11,492	11,018	471	3	2,501	20,242
Maryland	2	36,364	2	36,364	31,395	4,969	0	7,545	55,873
Virginia	21	119,634	20	119,441	111,261	7,706	667	29,631	166,811
West Virginia	1	2,194	1	2,194	2,189	0	5	632	3,207
North Carolina	37	193,657	32	192,762	169,874	19,134	4,649	49,481	320,818
South Carolina	27	179,807	25	175,301	124,859	52,717	2,231	39,848	217,987
Georgia	46	215,651	44	215,387	212,497	195	2,959	73,091	425,169
Florida	17	141,194	16	140,982	121,309	17,346	2,539	29,896	177,679
Kentucky	29	411,032	28	411,030	193,114	216,759	1,159	58,667	333,151
Tennessee	33	160,271	21	147,639	159,838	388	45	50,885	403,269
Alabama	27	161,132	24	150,181	121,632	38,141	1,359	43,136	267,790
Mississippi	29	219,291	27	218,681	178,173	40,424	694	59,725	325,025
Arkansas	21	240,139	20	239,616	139,543	96,126	4,470	47,620	215,982
Louisiana	20	184,668	18	176,171	114,872	69,619	177	33,798	194,049
Oklahoma	29	269,557	27	269,256	192,470	74,411	2,676	72,683	210,595
Texas	99	644,321	97	586,934	452,500	189,297	2,524	179,961	548,896
Montana	25	84,268	25	84,268	73,856	10,183	229	34,256	57,860
Idaho	10	38,188	10	38,188	33,418	3,514	1,256	8,763	25,605
Wyoming	16	55,619	15	55,541	45,319	10,199	101	19,737	33,506
Colorado	25	207,956	25	207,956	130,310	77,572	74	41,484	117,118
New Mexico	18	143,140	17	143,005	85,821	54,259	3,060	28,488	86,110
Arizona	13	63,615	9	61,948	34,448	28,677	490	7,666	35,631
Utah	6	26,962	6	26,962	11,472	15,366	124	3,438	9,045
Nevada	6	26,154	3	24,810	15,932	9,974	248	3,326	7,960
Washington	23	75,226	11	53,542	70,454	4,470	302	16,860	54,090
Oregon	17	81,562	16	80,088	71,193	10,072	297	15,643	54,305
California	10	41,891	7	17,470	33,443	8,391	57	5,418	67,305
Alaska	13	154,709	11	152,012	60,008	93,547	1,154	5,215	49,966
Hawaii	0	0	0	0	0	0	0	0	0
Puerto Rico	1	79,040	0	0	49,331	29,709	0	10,640	199,921
Virgin Islands	1	430	0	0	234	196	0	85	912
Total	1,098	7,151,437	986	6,718,546	4,679,759	2,423,869	47,809	1,672,135	6,822,905

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

<sup>2</sup> United States totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$236,531,945; municipalities and other Government authorities, 34 borrowers, \$171,867,376; power companies, 24 borrowers, \$24,490,862.

<sup>3</sup> Funds loaned to corporate borrowers for lending to individuals. Includes wiring, plumbing, and refrigeration installations.

<sup>4</sup> Includes miles energized and consumers served, shown in tables 724 and 725.

Table 724.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1969, by States and Territories <sup>1</sup>

State and Territory	Total advances as of Jan. 1, 1970 <sup>2,3</sup>	Statistics for borrowers in operation <sup>4</sup>								
		As of Jan. 1, 1970 <sup>5</sup>			Calendar year 1969					
		Borrowers	Miles energized <sup>5</sup>	Consumers served <sup>5</sup>	Kw.-hr. generated	Kw.-hr. purchased <sup>6</sup>	Kw.-hr. sales <sup>7</sup>	Total revenue <sup>7</sup>	Average monthly kw.-hr. consumption per consumer	
									All consumers	Residential consumers <sup>8</sup>
1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.	
Maine	5,156	3	1,159	7,742	845	56,576	52,138	1,161	570	212
New Hampshire	15,732	1	3,193	27,513	1,291	146,208	139,013	3,920	429	323
Vermont	11,226	3	2,182	9,562	0	91,240	78,462	2,035	706	631
Massachusetts	0	0	0	0	0	0	0	0	0	0
Rhode Island	0	0	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0	0	0
New York	7,901	6	3,308	13,052	0	52,199	44,760	1,234	626	602
New Jersey	2,700	2	689	6,907	0	23,118	20,193	526	406	386
Pennsylvania	65,976	12	19,541	102,802	0	777,138	691,410	14,948	572	530
Ohio	98,154	28	32,605	164,040	280	1,673,853	1,507,700	29,449	850	745
Indiana	152,557	43	41,430	215,315	0	2,220,526	1,991,198	41,463	818	698
Illinois	176,323	30	48,281	153,053	460,209	1,948,854	1,560,573	35,741	855	647
Michigan	111,369	15	22,841	118,709	443,233	767,161	668,926	16,820	464	400
Wisconsin	209,871	31	33,551	111,024	2,557,378	1,508,514	1,772,014	26,627	790	678
Minnesota	274,607	55	88,236	274,056	1,182,154	4,788,541	2,865,545	57,506	765	673
Iowa	220,482	57	60,138	146,067	515,535	2,954,054	1,849,773	40,736	995	888
Missouri	418,041	47	92,648	295,646	2,990,996	5,928,829	3,858,173	61,861	667	463
North Dakota	222,092	26	56,522	69,534	1,523,892	2,240,344	1,840,584	21,712	1,223	761
South Dakota	135,712	34	63,916	79,110	4	1,805,243	818,825	19,277	859	771
Nebraska	194,450	36	63,455	111,255	2,581	2,723,865	1,432,492	27,667	1,158	780
Kansas	145,093	37	57,652	101,645	353,433	1,097,513	1,242,907	27,516	1,082	572
Delaware	9,194	1	2,398	16,611	0	131,275	118,282	2,750	604	569
Maryland	34,747	2	7,324	54,155	0	627,631	578,232	11,320	904	557
Virginia	113,078	17	29,070	147,377	5,689	1,354,301	1,224,528	25,040	712	524
West Virginia	2,083	1	620	2,691	0	12,192	10,563	289	305	321
North Carolina	181,406	35	48,885	279,328	631	2,376,337	2,115,162	40,409	659	563
South Carolina	165,843	23	39,335	197,139	0	2,412,686	1,324,325	26,693	601	548
Georgia	200,222	44	74,338	397,772	0	3,338,331	3,025,070	53,604	690	632
Florida	130,854	17	29,983	167,332	48,011	1,503,794	1,397,450	32,826	734	554
Kentucky	361,375	28	58,680	280,307	2,133,009	3,687,563	3,272,971	52,142	945	666
Tennessee	151,303	33	52,170	392,545	0	7,108,769	6,603,532	72,856	1,429	1,114
Alabama	150,668	26	43,060	240,235	404,936	3,157,087	2,851,045	38,946	922	784
Mississippi	187,565	28	60,408	296,598	0	3,269,641	2,940,541	44,193	857	651
Arkansas	197,423	21	46,582	173,958	598,387	2,794,953	1,267,607	27,458	626	463
Louisiana	122,232	16	32,269	171,583	549	1,823,838	1,446,457	29,599	804	529
Oklahoma	249,420	29	72,347	179,626	990,330	1,930,570	1,817,893	36,485	838	468
Texas	579,041	80	178,578	486,877	1,158,593	4,911,101	4,290,625	87,881	787	470
Montana	78,836	25	34,725	54,730	0	791,314	703,920	12,696	1,085	741
Idaho	34,619	10	8,368	23,046	23	398,873	353,719	5,095	1,322	757
Wyoming	52,643	16	19,659	32,624	12,047	925,073	865,911	13,046	2,282	582
Colorado	187,154	25	39,460	108,597	1,300,910	3,001,884	1,890,444	29,715	908	486
New Mexico	128,520	18	27,919	73,051	331,216	1,072,990	849,741	18,833	984	306
Arizona	56,503	13	7,266	32,387	180,267	698,094	526,095	9,223	1,385	486
Utah	26,200	6	3,329	6,858	60,455	220,194	256,153	3,779	3,176	494
Nevada	9,863	5	1,781	3,364	582	117,669	101,877	1,759	2,598	768
Washington	68,418	23	16,561	48,834	796	1,491,351	1,374,578	13,419	2,117	1,297
Oregon	75,016	17	15,108	49,899	0	1,190,580	1,072,470	12,566	1,884	1,169
California	38,548	9	4,980	59,209	0	1,05,632	94,016	1,957	953	584
Alaska	123,863	13	4,185	42,303	499,137	165,668	542,409	17,045	1,271	664
Hawaii	0	0	0	0	0	0	0	0	0	0
Puerto Rico	77,040	1	10,559	158,394	315,874	0	286,592	9,674	0	0
Virgin Islands	430	1	97	853	0	0	0	0	0	0
United States	6,261,549	1,049	1,651,191	6,195,315	18,073,273	81,423,167	65,936,894	1,162,197	881	643

<sup>1</sup> State totals represent data for borrowers incorporated within the State.<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 723.<sup>3</sup> Cumulative.<sup>4</sup> Preliminary.<sup>5</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1970, there were 66 such borrowers with 26,292 miles energized and 147,624 consumers served.<sup>6</sup> Includes 25,918,839,711 kw.-hr. sold by one REA borrower to another.<sup>7</sup> Excludes energy sales and revenues of power sold by one REA borrower to another.<sup>8</sup> Includes rural nonfarm and farm consumers.

Rural Electrification Administration.

Table 725.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States, 1954–70

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for borrowers in operation								
		As of Jan. 1 <sup>1</sup>			During year				Average monthly kw.-hr. consumption per consumer	
		Borrowers	Miles energized <sup>2</sup>	Consumers served <sup>2</sup>	Kw.-hr. generated	Kw.-hr. purchased <sup>3</sup>	Kw.-hr. sales <sup>3</sup>	Total revenue <sup>3</sup>	All consumers	Residential consumers <sup>4</sup>
<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>	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	
1954	2,359,966	1,022	1,297,264	4,024,826	2,720,907	13,450,321	13,829,131	383,144	285	223
1955	2,524,106	1,024	1,332,937	4,174,346	3,254,592	14,995,601	15,738,772	419,744	312	242
1956	2,677,399	1,026	1,361,605	4,251,250	3,612,363	17,265,831	18,197,414	460,188	345	263
1957	2,838,809	1,026	1,382,737	4,361,896	3,291,162	19,266,304	19,676,628	489,873	364	283
1958	3,051,555	1,030	1,405,327	4,466,444	3,482,173	21,500,345	21,901,769	524,971	393	311
1959	3,254,777	1,030	1,424,441	4,596,270	4,463,821	24,033,340	25,070,622	575,255	432	334
1960	3,469,649	1,032	1,445,835	4,721,630	4,921,797	26,056,552	27,268,625	615,232	466	357
1961	3,679,662	1,038	1,465,315	4,825,802	5,118,439	27,753,716	28,967,198	651,285	487	375
1962	3,862,678	1,038	1,483,021	4,955,642	6,043,477	30,133,985	31,880,133	697,306	526	401
1963	4,072,663	1,042	1,504,228	5,094,953	7,001,608	33,005,028	35,357,255	745,629	565	425
1964	4,330,973	1,046	1,526,812	5,237,912	8,039,115	36,906,633	39,836,854	802,431	616	456
1965	4,593,153	1,051	1,547,143	5,386,088	8,833,866	39,104,323	42,668,054	846,520	654	479
1966	4,909,826	1,052	1,566,772	5,541,478	11,546,699	42,824,994	48,439,056	911,545	708	515
1967	5,182,750	1,051	1,586,502	5,652,844	13,709,927	45,399,786	52,880,144	977,057	751	543
1968	5,524,114	1,052	1,606,497	5,806,017	14,509,058	50,917,031	58,303,933	1,059,686	812	593
1969	5,934,571	1,052	1,627,445	5,986,140	18,073,273	55,504,327	65,936,894	1,162,197	881	643
1970	6,261,549	1,049	1,651,191	6,195,315	.....	.....	.....	.....	.....	.....

<sup>1</sup> Cumulative from organization, May 11, 1935.

<sup>2</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1970, there were 66 such borrowers with 26,292 miles energized and 147,624 consumers served.

<sup>3</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. Includes patronage capital.

<sup>4</sup> Includes rural nonfarm and farm consumers.

<sup>5</sup> Preliminary.

<sup>6</sup> Actual funds advanced out of loans approved, as shown in table 723.

Rural Electrification Administration. Data for 1936-53 in *Agricultural Statistics, 1967*, table 741.

Table 726.—Rural Electrification Administration: Annual revenues and expenses reported by REA electric borrowers, United States, 1954–69

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins <sup>1</sup>	Total utility plant
	<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>
1954	408,145	249,944	40,053	76,925	43,966	2,541,575
1955	449,626	272,716	41,979	80,684	58,836	2,705,758
1956	491,185	298,895	43,118	85,517	69,390	2,878,828
1957	523,783	326,652	44,824	90,833	68,900	3,058,921
1958	563,204	354,535	46,460	95,987	75,221	3,243,678
1959	617,730	392,063	47,895	101,756	86,801	3,485,570
1960	663,789	429,966	50,220	109,023	87,212	3,696,855
1961	707,477	460,799	52,126	115,040	93,685	3,896,747
1962	756,535	494,722	53,817	120,675	102,430	4,103,691
1963	810,342	535,138	54,744	126,621	109,166	4,406,158
1964	876,847	585,496	56,660	134,891	115,310	4,696,455
1965	937,986	637,367	58,950	141,547	116,382	4,978,735
1966	1,021,917	706,268	61,946	150,681	120,942	5,352,578
1967	1,108,139	777,279	64,639	158,721	125,194	5,776,334
1968	1,206,781	860,947	67,227	166,099	130,538	6,166,602
1969 <sup>2</sup>	1,342,600	974,598	71,534	176,686	139,138	6,583,975

<sup>1</sup> Includes nonoperating margins and miscellaneous revenue deductions not shown elsewhere in this table. Includes patronage capital.

<sup>2</sup> Preliminary.

Rural Electrification Administration. Data for 1941-53 in *Agricultural Statistics, 1967*, table 742.

Table 727.—Rural Electrification Administration: Advances to, and operating statistics of, telephone borrowers, United States, 1954-70<sup>1</sup>

Year	Total advances <sup>2</sup>	Borrowers reporting	Employees	Total subscribers		Dial subscribers		Tele-phones in service	Revenues for year ending Dec. 31
				Receiving service	Receiving initial service <sup>3</sup>	Receiving service	Receiving initial service <sup>4</sup>		
	1,000 dollars	Number	Number	Number	Number	Number	Number	Number	1,000 dollars
1954	43,752								8,162
1955	79,154	176		156,746				168,160	16,359
1956	125,180	285		282,581				303,823	26,714
1957	188,167	406		435,155	125,672	299,641	272,446	467,511	40,835
1958	266,535	515		604,702	181,499	451,779	373,247	655,064	55,830
1959	355,421	588	7,578	778,488	247,106	637,628	537,542	852,803	73,499
1960	453,158	649	8,512	958,896	326,447	843,907	723,044	1,062,574	93,581
1961	557,226	695	9,672	1,142,004	403,867	1,023,396	869,269	1,280,270	112,869
1962	662,625	737	10,006	1,291,468	479,968	1,213,854	1,036,747	1,461,298	133,602
1963	752,061	761	10,250	1,419,892	548,449	1,376,593	1,175,188	1,623,800	153,127
1964	835,844	784	10,603	1,523,406	620,197	1,499,376	1,289,416	1,762,244	168,500
1965	917,896	804	11,075	1,626,590	685,282	1,616,982	1,394,713	1,899,904	186,991
1966	1,001,966	816	11,567	1,726,359	758,746	1,715,878	1,478,958	2,045,956	215,112
1967	1,088,721	814	12,220	1,825,861	840,729	1,817,883	1,572,878	2,195,346	238,888
1968	1,193,344	811	12,827	1,944,334	934,449	1,938,926	1,674,544	2,369,153	271,697
1969	1,297,544	811	13,389	2,067,025	1,036,073	2,062,414	1,779,643	2,561,495	<sup>5</sup> 310,427
1970 <sup>5</sup>	1,412,712	806	13,909	2,186,156	1,122,771	2,184,301	1,882,176	2,753,910	.....

<sup>1</sup> Cumulative as of Jan. 1, except data shown for revenues.

<sup>2</sup> Actual funds advanced out of loans approved as shown in table 731.

<sup>3</sup> Subscribers receiving telephone service for the first time as a result of the REA Rural Telephone Program.

<sup>4</sup> Subscribers receiving dial telephone service for the first time as a result of the REA Rural Telephone Program. Includes subscribers who previously had manual service.

<sup>5</sup> Preliminary, except total advances.

Rural Electrification Administration. Data for 1951-53 in *Agricultural Statistics, 1967*, table 743.

Table 728.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by REA telephone borrowers, United States, 1958-69

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin <sup>1</sup>	Total telephone plant <sup>2</sup>
		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
	Number						
1958	588	55,830	35,684	5,478	13,085	1,399	406,192
1959	649	73,499	44,917	7,366	17,639	3,312	514,426
1960	695	93,581	55,830	9,060	22,951	5,637	634,546
1961	735	112,869	64,815	11,036	28,648	8,353	750,089
1962	760	133,602	74,915	12,858	33,892	12,009	858,139
1963	784	153,127	85,745	14,318	38,150	15,339	955,660
1964	804	168,500	93,801	15,520	42,897	16,984	1,057,169
1965	816	186,991	103,671	16,630	47,776	19,702	1,167,878
1966	814	215,112	117,849	17,900	53,653	26,543	1,298,518
1967	811	238,888	132,228	19,316	60,856	27,322	1,471,165
1968	811	271,697	150,900	21,152	67,780	33,115	1,639,137
1969 <sup>3</sup>	806	310,427	172,902	23,082	76,237	38,463	1,827,294

<sup>1</sup> Includes other income and deductions (net), and other fixed charges not shown elsewhere in this table.

<sup>2</sup> Investment in physical plant and related facilities.

<sup>3</sup> Preliminary.

Rural Electrification Administration.



**Table 729.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of June 30, 1969<sup>1</sup>**

State and division	Farms with service		State and division	Farms with service	
	Number	Percent <sup>2</sup>		Number	Percent <sup>2</sup>
Maine.....	10,050	98	Georgia.....	77,200	99
New Hampshire.....	3,550	99	Florida.....	33,650	99
Vermont.....	7,400	99	South Atlantic.....	445,600	98
Massachusetts.....	6,450	99	Kentucky.....	128,550	99
Rhode Island.....	850	99	Tennessee.....	126,350	99
Connecticut.....	4,850	99	Alabama.....	88,550	98
New England.....	33,150	98	Mississippi.....	94,400	97
New York.....	57,400	99	East South Central.....	437,850	98
New Jersey.....	8,600	99	Arkansas.....	74,000	99
Pennsylvania.....	74,000	99	Louisiana.....	53,450	99
Middle Atlantic.....	140,000	99	Oklahoma.....	90,700	99
Ohio.....	110,750	98	Texas.....	185,650	97
Indiana.....	95,050	99	West South Central.....	403,800	98
Illinois.....	127,700	99	Montana.....	25,700	96
Michigan.....	86,150	99	Idaho.....	28,350	98
Wisconsin.....	112,850	99	Wyoming.....	8,250	96
East North Central.....	532,500	99	Colorado.....	29,950	98
Minnesota.....	128,700	99	New Mexico.....	12,400	90
Iowa.....	141,450	99	Arizona.....	5,100	85
Missouri.....	142,950	99	Utah.....	14,250	98
North Dakota.....	42,150	98	Nevada.....	1,850	88
South Dakota.....	46,450	98	Mountain.....	125,850	96
Nebraska.....	72,750	98	Washington.....	45,550	99
Kansas.....	86,500	98	Oregon.....	40,450	99
West North Central.....	660,950	99	California.....	58,400	99
Delaware.....	3,600	98	Pacific.....	144,400	99
Maryland.....	18,500	99	Alaska.....	300	97
Virginia.....	71,700	98	Hawaii.....	4,050	88
West Virginia.....	28,800	96	United States.....	2,928,450	98.4
North Carolina.....	161,350	99			
South Carolina.....	50,800	98			

<sup>1</sup> Includes service from REA borrowers and all other suppliers. Estimated by REA.

<sup>2</sup> Percentage is of the total number of farms as estimated for 1969 by the Statistical Reporting Service. State figures are rounded to the nearest whole percentage.

Rural Electrification Administration.

**Table 730.—Rural Electrification Administration: Advances to, and operating statistics of, telephone borrowers, cumulative to Jan. 1, 1970, and revenues for 1969, by States and Territories<sup>1</sup>**

State and Territory	Total advances <sup>2</sup>	Borrowers reporting	Total subscribers		Dial subscribers		Tele-phones in service	Revenues for 12 months ending Dec. 31, 1969
			Receiving service	Receiving initial service <sup>3</sup>	Receiving service	Receiving initial service <sup>4</sup>		
	<i>1,000 dollars</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Maine	11,807	9	17,882	8,054	17,882	15,193	21,972	2,752
New Hampshire	1,487	2	1,918	902	1,918	1,918	2,410	294
Vermont	1,664	2	1,513	898	1,513	1,513	2,141	300
Massachusetts	633	1	1,466	918	1,466	1,466	1,885	248
Rhode Island	0	0	0	0	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0
New York	8,815	8	17,944	5,767	17,944	14,273	23,562	2,678
New Jersey	7,499	3	11,820	7,218	11,820	8,742	17,663	2,636
Pennsylvania	36,602	25	74,115	31,434	74,115	55,954	99,094	9,547
Ohio	4,553	11	10,147	3,430	10,147	8,406	12,063	1,134
Indiana	29,404	27	52,304	22,502	52,304	45,573	64,366	6,019
Illinois	46,919	22	90,157	30,128	89,858	83,484	119,223	12,623
Michigan	22,607	17	34,034	15,370	34,034	27,595	42,796	4,644
Wisconsin	68,503	68	128,521	38,920	128,521	110,271	166,794	16,606
Minnesota	65,156	59	119,370	38,341	117,933	91,087	144,444	13,569
Iowa	56,526	56	102,310	11,702	102,302	83,748	130,113	12,681
Missouri	65,803	29	122,405	48,353	122,405	110,608	142,656	14,106
North Dakota	53,579	13	47,869	22,454	47,869	40,386	62,674	8,250
South Dakota	26,649	14	26,386	9,311	26,386	22,871	32,827	3,334
Nebraska	14,641	19	24,969	3,159	24,969	23,817	29,478	3,090
Kansas	64,301	33	96,355	15,852	96,355	88,201	121,067	12,656
Delaware	0	0	0	0	0	0	0	0
Maryland	1,212	1	1,954	684	1,954	1,954	2,547	347
Virginia	26,544	10	36,004	24,315	36,004	31,277	46,216	5,873
West Virginia	18,580	9	31,021	14,411	31,021	24,421	36,701	3,920
North Carolina	61,469	18	88,902	72,212	88,902	76,091	112,765	11,236
South Carolina	52,701	19	60,097	49,951	60,097	53,740	78,551	7,772
Georgia	67,964	30	99,637	73,239	99,637	85,818	125,993	13,002
Florida	29,276	8	47,241	33,972	47,241	38,584	64,281	9,881
Kentucky	65,516	18	101,294	76,342	101,294	96,105	123,254	11,034
Tennessee	63,574	21	95,148	62,770	95,148	86,612	116,855	11,319
Alabama	53,794	24	96,877	71,537	96,869	84,103	118,475	13,309
Mississippi	18,909	14	25,634	20,480	25,634	24,236	30,523	3,121
Arkansas	31,014	20	68,387	45,078	68,387	57,919	82,137	10,304
Louisiana	30,395	18	45,867	36,897	45,769	41,562	56,463	6,747
Oklahoma	53,014	28	66,665	27,162	66,665	58,000	80,080	9,335
Texas	118,327	54	164,858	101,470	164,858	142,940	207,266	26,696
Montana	23,849	11	17,979	13,894	17,979	16,614	23,643	4,589
Idaho	7,806	7	13,250	5,815	13,250	10,022	17,773	2,418
Wyoming	3,764	7	3,971	2,208	3,971	3,364	5,162	904
Colorado	8,558	9	10,966	3,815	10,966	9,311	13,785	1,671
New Mexico	7,371	5	3,780	3,151	3,780	3,602	5,071	826
Arizona	12,212	3	20,691	15,965	20,691	19,374	28,844	5,088
Utah	6,781	7	9,372	4,431	9,372	5,018	13,190	1,889
Nevada	2,135	4	2,352	948	2,347	1,927	3,352	830
Washington	15,405	14	33,669	15,533	33,669	24,643	44,168	6,236
Oregon	17,572	17	21,275	10,605	21,275	17,702	27,483	4,086
California	24,716	10	34,807	18,715	34,807	29,448	48,267	10,195
Alaska	3,206	2	2,973	2,458	2,973	2,683	3,837	632
Hawaii	0	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0	0
Virgin Islands	0	0	0	0	0	0	0	0
United States	1,412,712	806	2,186,156	1,122,771	2,184,301	1,882,176	2,753,910	310,427

<sup>1</sup> Preliminary, except total advances. Data cumulative, except for revenues. State figures are for borrowers headquartered in the State.

<sup>2</sup> Actual funds advanced out of loans approved as shown in table 731.

<sup>3</sup> Subscribers receiving telephone service for the first time as a result of the REA Rural Telephone Program.

<sup>4</sup> Subscribers receiving dial telephone service for the first time as a result of the REA Rural Telephone Program. Includes subscribers who previously had manual service.

Rural Electrification Administration.

**Table 731.—Rural Electrification Administration: Telephone loans approved, route miles of line, and number of subscribers, by States and Territories, cumulative to Jan. 1, 1970<sup>1</sup>**

State and Territory	Total loans approved		Route miles of line provided for by loans	Subscribers provided for by loans		
	Borrowers	Amount		Total	To receive initial service	To receive improved service
	<i>Number</i>	<i>1,000 dollars</i>	<i>Miles</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Maine.....	9	13,449	3,124	20,164	10,336	9,828
New Hampshire.....	2	1,689	285	1,878	862	1,016
Vermont.....	2	1,622	248	1,776	1,161	615
Massachusetts.....	1	784	144	1,682	1,134	548
Rhode Island.....	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0
New York.....	9	12,789	2,819	22,799	8,772	14,027
New Jersey.....	3	10,175	1,006	12,433	7,831	4,602
Pennsylvania.....	27	43,069	9,092	82,117	37,512	44,605
Ohio.....	11	6,320	1,704	11,927	5,210	6,717
Indiana.....	30	39,321	11,315	70,378	29,445	40,933
Illinois.....	24	52,477	17,694	87,613	27,584	60,029
Michigan.....	18	27,446	5,901	41,472	22,031	19,441
Wisconsin.....	70	89,122	26,485	137,259	45,719	91,540
Minnesota.....	59	85,543	36,330	126,879	45,855	81,024
Iowa.....	57	66,157	24,554	108,672	16,959	91,713
Missouri.....	35	76,952	36,561	131,705	58,392	73,313
North Dakota.....	13	63,007	27,093	49,856	24,529	25,327
South Dakota.....	14	31,958	15,762	29,513	12,438	17,075
Nebraska.....	21	20,008	10,678	28,382	5,361	23,021
Kansas.....	33	72,563	35,970	109,545	26,999	82,546
Delaware.....	0	0	0	0	0	0
Maryland.....	1	1,213	208	2,485	1,215	1,270
Virginia.....	15	29,512	6,906	43,306	31,430	11,876
West Virginia.....	9	19,790	5,653	33,686	17,307	16,379
North Carolina.....	19	72,291	14,853	96,914	80,064	16,850
South Carolina.....	19	63,421	12,811	71,266	60,976	10,293
Georgia.....	32	79,494	20,100	113,555	85,376	28,179
Florida.....	9	31,878	7,806	43,591	29,911	13,680
Kentucky.....	18	75,193	19,068	105,833	80,881	24,952
Tennessee.....	21	73,218	16,968	96,239	69,518	26,721
Alabama.....	26	66,853	18,690	115,680	85,735	29,945
Mississippi.....	14	24,263	6,975	31,319	26,165	5,154
Arkansas.....	21	36,956	14,047	75,059	48,470	26,589
Louisiana.....	18	35,497	6,152	49,055	40,085	8,970
Oklahoma.....	31	61,305	23,604	75,758	35,704	40,054
Texas.....	67	140,393	59,861	190,272	123,729	66,543
Montana.....	11	27,362	18,348	18,807	14,722	4,085
Idaho.....	7	8,013	3,308	13,227	5,792	7,435
Wyoming.....	7	5,018	1,868	5,012	3,249	1,763
Colorado.....	10	11,195	5,933	13,821	6,484	7,337
New Mexico.....	7	8,057	4,424	7,766	6,205	1,561
Arizona.....	3	12,492	3,628	14,294	10,500	3,794
Utah.....	8	8,830	2,594	10,424	5,316	5,108
Nevada.....	4	2,498	563	2,714	1,310	1,404
Washington.....	16	19,052	5,069	35,857	16,213	19,644
Oregon.....	21	21,763	5,407	32,200	16,501	15,699
California.....	11	28,119	6,409	38,049	21,957	16,092
Alaska.....	2	3,799	750	4,065	3,550	515
Hawaii.....	0	0	0	0	0	0
Puerto Rico.....	0	0	0	0	0	0
Virgin Islands.....	0	0	0	0	0	0
United States.....	865	1,683,426	558,768	2,416,307	1,316,495	1,099,812

<sup>1</sup> Cumulative from program authorization Oct. 28, 1949. State figures are data for borrowers headquartered in the State.

Rural Electrification Administration.

## CHAPTER XI

### STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

**Table 732.—Commodity Credit Corporation: Price support granted on 1968 and 1969 crops, United States and Territories<sup>1</sup>**

Commodity	Unit	On 1968 crops				On 1969 crops through Mar. 31, 1970	
		Total		Through Mar. 31, 1969		Quantity	Value
		Quantity	Value	Quantity	Value		
		<i>Millions</i>	<i>Million dollars</i>	<i>Millions</i>	<i>Million dollars</i>	<i>Millions</i>	<i>Million dollars</i>
Cotton, upland	Bale	4.4	447.6	4.2	427.8	3.6	381.1
Cotton, extra-long-staple	do.	( <sup>2</sup> )	5.7	( <sup>2</sup> )	4.8	( <sup>2</sup> )	6.9
Wheat	Bushel	451.8	556.4	427.0	510.4	397.2	477.4
Corn	do.	403.6	419.8	384.5	400.0	381.9	394.8
<b>Milk and butterfat:</b>							
Butter	Pound	180.7	121.3	159.6	106.8	161.9	110.3
Cheese	do.	86.4	43.2	64.3	32.1	( <sup>2</sup> )	( <sup>2</sup> )
Dried milk	do.	445.1	108.3	357.1	86.4	280.1	68.1
Tobacco	do.	170.4	135.0	166.2	132.3	248.2	209.0
Rice, rough	Cwt.	24.3	116.7	23.3	111.9	22.6	112.4
Grain sorghum	Bushel	73.8	65.6	72.3	63.9	38.9	32.9
Soybeans	do.	339.7	851.6	331.3	826.3	178.2	398.2
Peanuts, farmers' stock	Pound	451.8	55.7	451.7	54.1	415.3	51.9
Peanuts, shelled	do.	185.8	30.4	126.8	20.7	109.3	18.1
Oats	Bushel	94.8	54.4	84.0	47.8	142.3	80.1
Flaxseed	do.	6.2	17.8	6.1	17.3	12.1	32.5
Barley	do.	123.8	106.8	109.0	93.8	48.4	37.4
Beans, dry edible	Cwt.	1.7	11.2	1.7	11.1	1.9	13.3
Rosin	Pound	19.1	1.8	19.1	1.9	1.8	.2
Tung oil	do.	5.5	1.3	2.8	.7	2.0	.5
Rye	Bushel	4.6	4.4	4.3	4.2	6.3	6.0
Honey	Pound	24.9	3.2	25.0	3.2	45.6	6.1
Cottonseed oil, crude	do.	288.5	31.3	102.0	10.8		
Cottonseed oil, refined	do.	307.6	37.4	86.3	10.2		
Cottonseed meal	do.	282.4	9.1	10.0	.3		
Special purchase programs <sup>3</sup>			42.4		35.9		36.3
<b>Total</b>			<b>3,278.4</b>		<b>3,014.7</b>		<b>2,473.5</b>

<sup>1</sup> Consists of loans made and purchases.

<sup>2</sup> Less than 50,000.

<sup>3</sup> Commodities included in "Special purchase programs" for 1968 and 1969 crops are corn products, wheat products, rolled oats, and milled rice.

Agricultural Stabilization and Conservation Service.

Table 733.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1960-69<sup>1</sup>

Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount
Almonds:	1,000 pounds	1,000 dollars	Honey—Con.	1,000 pounds	1,000 dollars	Rye—Con.	1,000 bushels	1,000 dollars
1961.....	10,534	2,107	1961.....	4,182	514	1967.....	2,247	2,213
			1962.....	3,402	422	1968.....	4,411	4,241
Barley:	1,000 bushels		1963.....	3,145	395	1969 <sup>2</sup> .....	6,293	6,036
1960.....	44,192	31,745	1964.....	9,630	1,174			
1961.....	43,237	40,075	1965.....	17,318	2,077	Sorghum grain:	1,000 bushels	
1962.....	34,372	28,586	1966.....	33,903	4,164	1960.....	195,882	169,914
1963.....	24,573	18,097	1967.....	30,733	3,934	1961.....	189,443	210,896
1964.....	14,953	11,897	1968.....	24,908	3,203	1962.....	213,702	243,636
1965.....	16,522	12,949	1969 <sup>2</sup> .....	45,608	6,089	1963.....	139,300	138,450
1966.....	16,454	12,292	Naval stores:	1,000 pounds		1964.....	82,713	87,173
1967.....	47,866	41,655	Rosin:			1965.....	106,002	103,024
1968.....	116,106	100,014	1960.....	1,218	100	1966.....	27,681	22,003
1969 <sup>2</sup> .....	48,380	37,447	1961.....	82,732	8,097	1967.....	65,375	56,030
			1962.....	156,897	16,978	1968.....	73,766	65,597
Corn:	1,000 bushels		1963.....	115,426	12,402	1969 <sup>2</sup> .....	38,895	32,861
1960.....	571,958	585,344	1964.....	95,962	10,168			
1961.....	586,496	683,973	1965.....	86,012	8,479	Soybeans:	1,000 bushels	
1962.....	538,598	629,957	1966.....	54,540	5,290	1960.....	25,371	46,097
1963.....	388,557	396,430	1967.....	43,255	4,210	1961.....	115,062	261,973
1964.....	215,718	225,867	1968.....	19,150	1,859	1962.....	66,556	148,701
1965.....	214,934	217,246	1969 <sup>2</sup> .....	1,849	175	1963.....	69,739	154,927
1966.....	262,948	249,076				1964.....	28,572	63,894
1967.....	466,809	481,497	Turpentine:	1,000 gallons		1965.....	86,517	193,079
1968.....	403,461	419,615	1960.....	1,762	923	1966.....	153,142	379,512
1969 <sup>2</sup> .....	381,935	394,816				1967.....	200,653	503,110
						1968.....	336,929	844,393
Cotton:	1,000 bales		Oats:	1,000 bushels		1969 <sup>2</sup> .....	178,173	398,231
1960.....	540	71,314	1960.....	18,686	8,161			
1961.....	4,850	808,202	1961.....	19,814	11,928	Storage facility and equipment <sup>3</sup>		488,687
1962.....	6,853	1,079,713	1962.....	30,385	16,866			
1963.....	8,088	1,298,341	1963.....	35,995	20,730	Tobacco:	1,000 pounds	
1964.....	7,341	1,063,582	1964.....	40,873	23,783	1960.....	70,360	46,694
1965.....	6,965	957,443	1965.....	43,681	23,214	1961.....	90,777	67,663
1966.....	3,133	296,019	1966.....	22,695	12,303	1962.....	274,732	211,749
1967.....	1,514	144,480	1967.....	36,740	21,031	1963.....	447,856	307,299
1968.....	4,443	453,332	1968.....	89,121	50,797	1964.....	354,807	259,864
1969 <sup>2</sup> .....	3,685	387,991	1969 <sup>2</sup> .....	142,341	80,055	1965.....	110,700	91,062
						1966.....	139,172	106,742
Cottonseed:	1,000 tons		Peanuts:	1,000 tons		1967.....	314,710	243,164
1960.....	1.4	54	1960.....	138.4	26,183	1968.....	170,443	134,951
1961.....	1	1	1961.....	99.3	24,632	1969 <sup>2</sup> .....	248,208	208,951
1962.....	1	1	1962.....	138.2	30,678			
			1963.....	170.0	41,079			
Dry beans:	1,000 cwt.		1964.....	201.3	47,428			
1960.....	3,018	18,769	1965.....	234.0	55,842			
1961.....	4,113	27,898	1966.....	267.0	62,347	Tung oil:	1,000 pounds	
1962.....	2,249	16,123	1967.....	229.0	54,194	1960.....	4,545	950
1963.....	2,828	19,478	1968.....	225.8	55,655	1961.....	9,806	2,353
1964.....	1,132	7,915	1969 <sup>2</sup> .....	207.6	51,952	1962.....	2,330	559
1965.....	707	4,720				1963.....	15,735	3,776
1966.....	3,498	23,981	Rice:	1,000 cwt.		1964.....	26,586	6,523
1967.....	666	4,424	1960.....	7,825	37,109	1965.....	9,318	2,279
1968.....	1,688	11,208	1961.....	4,292	21,976	1966.....	24,836	6,048
1969 <sup>2</sup> .....	1,942	13,326	1962.....	5,602	27,650	1967.....	13,327	3,250
			1963.....	5,884	29,537	1968.....	5,525	1,345
Flaxseed:	1,000 bushels		1964.....	7,629	38,297	1969 <sup>2</sup> .....	2,011	513
1960.....	2,742	6,344	1965.....	9,813	48,529			
1961.....	857	2,360	1966.....	14,362	70,267	Wheat:	1,000 bushels	
1962.....	5,758	16,222	1967.....	16,352	80,713	1960.....	406,095	723,044
1963.....	11,774	33,056	1968.....	23,631	113,466	1961.....	262,409	466,562
1964.....	6,306	17,851	1969 <sup>2</sup> .....	22,603	112,354	1962.....	280,703	594,766
1965.....	11,128	31,381				1963.....	161,604	301,732
1966.....	1,865	5,316	Rye:	1,000 bushels		1964.....	197,861	254,211
1967.....	2,700	7,705	1960.....	4,342	3,608	1965.....	170,085	202,902
1968.....	6,125	17,459	1961.....	1,531	1,525	1966.....	132,665	158,269
1969 <sup>2</sup> .....	12,051	32,526	1962.....	5,670	5,199	1967.....	280,773	342,230
			1963.....	1,497	1,568	1968.....	444,806	546,974
Honey:	1,000 pounds		1964.....	5,257	5,242	1969 <sup>2</sup> .....	397,210	477,441
1960.....	1,005	100	1965.....	5,956	5,665			
			1966.....	2,184	2,110			

See footnotes on page 524.

Table 734.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1960-69<sup>1</sup>

Year	Barley	Butter and butter-oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	Million bushels	Million pounds	Million pounds	Million bushels	1,000 bales	Million cwt. (2)	Million bushels (2)	Million bushels	Million pounds
1960.....	56	66	.....	1,471	5,028	.....	.....	557	280
1961.....	40	206	60	1,412	1,467	0.4	.....	610	355
1962.....	28	399	112	1,045	4,705	.9	.....	579	662
1963.....	41	290	40	849	5,955	.2	3.2	585	554
1964.....	23	61	33	835	7,793	.7	2.9	587	151
1965.....	18	32	(3)	530	10,155	.1	5.2	493	131
1966.....	7	.....	.....	156	8,389	(2)	9.1	332	(3)
1967.....	6	153	80	138	1,247	.3	2.1	193	191
1968.....	6	124	65	261	135	(2)	2.9	192	268
1969.....	49	72	(3)	296	2,221	(2)	7.7	188	212

  

Year	Oats	Peanuts <sup>4</sup>	Rice <sup>5</sup>	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned <sup>6</sup>
	Million bushels	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1960.....	11	108	2.9	4.3	4	24	1,133	6,079
1961.....	8	20	2.9	3.2	.....	(3)	1,130	5,248
1962.....	15	50	.1	1.0	37	.....	1,045	5,271
1963.....	19	84	1.5	.9	(3)	.....	982	5,023
1964.....	33	40	1.1	.5	(3)	15	712	4,611
1965.....	41	37	.8	5.7	(3)	15	572	4,110
1966.....	47	78	.4	8.2	.....	15	216	2,340
1967.....	45	35	.1	6.7	7	9	109	1,005
1968.....	46	6	(2)	9.0	53	12	100	1,064
1969.....	76	6	6.4	11.7	178	28	168	1,784

<sup>1</sup> Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, vegetable oil, honey, mixed feed, and linseed oil.

<sup>2</sup> Less than 50,000 units.

<sup>3</sup> Less than 500,000 units.

<sup>4</sup> Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

<sup>5</sup> Rough basis; includes milled rice in rough equivalent.

<sup>6</sup> The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 749.

## FOOTNOTES FOR TABLE 733

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans financed by financial institutions.

<sup>2</sup> Loans through Mar. 31, 1970.

<sup>3</sup> Cumulative from inception of program through Mar. 31, 1970.

Agricultural Stabilization and Conservation Service. Data for 1950-59 in *Agricultural Statistics, 1967*, table 748.

Table 735.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1960-69<sup>1</sup>

Year <sup>2</sup>	Barley	Corn	Cotton <sup>3</sup>	Dry beans	Flaxseed	Sorghum grain	Oats
	<i>Million bushels</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1960.....	59	373	275	2.7	2.3	143	35
1961.....	62	461	3,461	3.3	.8	146	40
1962.....	36	560	4,422	2.0	3.6	156	33
1963.....	32	582	5,686	2.3	10.3	121	49
1964.....	28	550	5,039	1.0	5.4	93	67
1965.....	20	459	4,002	.5	8.5	108	73
1966.....	16	392	1,674	2.7	1.6	54	57
1967.....	38	418	539	.5	2.2	67	56
1968.....	114	633	2,165	1.4	5.0	107	113
1969.....	106	567	2,452	1.5	9.4	76	194

  

Year <sup>2</sup>	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding <sup>4</sup>
	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>Million dollars</i>
1960.....	255	4.4	3.3	22	641	383	1,829
1961.....	181	3.6	2.4	92	504	277	2,437
1962.....	241	4.4	4.7	58	657	259	2,761
1963.....	320	5.0	.9	50	879	173	2,928
1964.....	369	5.5	3.3	24	1,196	190	2,802
1965.....	420	7.8	4.7	65	1,126	181	2,598
1966.....	450	11.6	1.6	115	1,008	153	2,069
1967.....	393	12.7	1.5	181	1,147	252	2,355
1968.....	340	17.7	3.6	330	1,103	536	3,605
1969.....	349	18.7	4.8	257	1,138	706	3,628

<sup>1</sup> Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

<sup>2</sup> Not necessarily from the crop of the year shown; may include quantities under resale from crops of previous years.

<sup>3</sup> Includes extra-long-staple.

<sup>4</sup> Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 750.

Table 736.—Commodity Credit Corporation: Loan transactions in 1969, and loans made 1933-69, by commodities <sup>1</sup>

Commodity	Unit	Loan transactions, 1969							Total loans made, 1933-69	
		Loans outstanding Jan. 1, 1969 <sup>2</sup>	New loans made	Repayments	Collateral acquired in settlement	Loans written off <sup>3</sup>	Loans outstanding Dec. 31, 1969		Quantity pledged	Value
							Value <sup>2</sup>	Quantity collateral remaining pledged		
<b>Basic commodities:</b>		<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 units</i>	<i>1,000 units</i>	<i>1,000 dollars</i>
Corn.....	Bushel.....	644,067	403,801	405,700	67,141	733	574,294	567,478	8,660,690	9,744,259
Cotton.....	Bale.....	225,836	495,895	168,007	290,306	133	263,285	2,451,925	122,065	15,667,973
Peanuts.....	Ton.....	41,775	53,413	29,752	103	20,467	44,866	349,442	423,576	960,277
Rice.....	Cwt.....	85,010	125,535	89,840	27,537	39	93,129	18,670	195,983	976,125
Tobacco.....	Pound.....	809,950	203,950	150,355	10,692	4,881	847,972	1,137,618	5,702,375	3,470,396
Wheat.....	Bushel.....	650,598	545,393	233,745	93,803	370	868,073	706,295	8,290,674	13,640,915
<b>Total.....</b>		<b>2,457,236</b>	<b>1,827,987</b>	<b>1,077,399</b>	<b>489,582</b>	<b>26,623</b>	<b>2,691,619</b>			<b>44,459,945</b>
<b>Designated nonbasic commodities:</b>										
Barley.....	Bushel.....	97,594	50,867	31,894	28,874	99	87,594	106,332	1,079,601	968,796
Butter.....	Pound.....								127,166	32,156
Sorghum grain.....	Bushel.....	94,926	39,083	57,662	9,007	46	67,294	75,845	2,260,286	2,387,218
Honey.....	Pound.....	2,232	5,672	2,813	8	26	5,057	37,775	196,680	24,305
Oats.....	Bushel.....	63,345	72,717	12,901	13,941	87	109,133	194,348	874,972	530,022
Rye.....	do.....	3,501	5,313	1,588	2,631	12	4,583	4,791	95,528	92,679
Tung oil.....	Pound.....	11,607	1,538	( <sup>4</sup> )	8,477		4,668	18,904	250,149	57,759
Whey.....	do.....								91,439	3,968
Wool and mohair.....	do.....								322,641	150,438
<b>Total.....</b>		<b>273,205</b>	<b>175,190</b>	<b>106,858</b>	<b>62,938</b>	<b>270</b>	<b>278,329</b>			<b>4,247,342</b>
<b>Other nonbasic commodities:</b>										
Almonds.....	Pound.....								10,534	2,107
Beans, dry edible.....	Cwt.....	9,012	12,686	11,280	200	12	10,206	1,497	59,262	415,539
Cottonseed.....	Ton.....								17	809
Dates.....	Pound.....								1,533	61
Fiber flax.....	do.....								2,579	1,237
Figs.....	Ton.....								15	260
Flaxseed.....	Bushel.....	14,022	28,835	3,533	13,962	13	25,349	9,400	138,837	421,144
Hops.....	Pound.....								7,077	1,388
Naval stores:										
Rosin.....	do.....	28,427	595	7,948		3,729	17,345	169,420	2,754,833	157,020
Turpentine.....	Gallon.....								51,912	20,870



Olive oil.....	Gallon.....								1,046	2,611
Peas, dry edible.....	Cwt.....								846	2,705
Pecans.....	Pound.....								3,706	371
Potatoes, Irish.....	Cwt.....								156,175	165,568
Potatoes, sweet.....	Cwt.....								77	150
Prunes.....	Ton.....								170	8,137
Raisins.....	Ton.....								237	9,079
Seeds, miscellaneous.....	Pound.....								453,228	62,529
Soybeans.....	Bushel.....	823,055	514,047	333,838	396,925	1,005	605,334	256,602	1,689,122	3,886,174
Total.....		874,516	556,163	356,599	411,087	4,759	658,234			5,157,759
Other loans:										
Cottonseed, American Pima.....										6
Fiber flax facilities.....										917
Foreign purchase facilities.....										3,387
Hempseed and harvesting equipment.....										36
Linseed oil.....										1,981
Peanut equipment and warehousing.....										3,643
Raisin producers association.....										25
Storage facility and equipment.....		147,280	63,768	40,944		85	170,019			486,480
War hemp.....										28
Total.....		147,280	63,768	40,944		85	170,019			496,503
Grand total.....		3,752,237	2,623,108	1,581,800	963,607	31,737	3,798,201			54,361,549

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans financed by financial institutions.

<sup>2</sup> Book value of outstanding loans; includes face amounts and any charges paid.

<sup>3</sup> Includes transfers to accounts receivable.

<sup>4</sup> Less than \$500.

Agricultural Stabilization and Conservation Service.

CCC LOANS

527

Table 737.—Commodity Credit Corporation: Loans made in 1969 and cumulative 1933-69, by States and Territories <sup>1</sup>

State and division	1969									Cumulative from organization (1933) to December 1969								
	Bar- ley	Corn	Cot- ton	Sor- ghum grain	Pea- nuts	To- bacco	Wheat	Other <sup>2</sup>	Total	Bar- ley	Corn	Cotton	Sor- ghum grain	Pea- nuts	Tobacco	Wheat	Other <sup>2</sup>	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	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.....								225	225	15						24	87,386	87,425
New Hampshire.....																	1,540	1,540
Vermont.....																	146	146
Massachusetts.....																	35,167	35,167
Rhode Island.....																	724	724
Connecticut.....						251			251					26,654			2,954	29,608
New England.....						251		225	476	15				26,654	24	127,917	154,610	
New York.....	5	371					872	413	1,661	204	4,625				48,294	26,821	79,944	
New Jersey.....	19	203					394	68	684	159					9,167	699	12,656	
Pennsylvania.....	5	269					224	73	571	408	7,014			846	27,682	2,921	38,871	
Middle Atlantic.....	29	843				1,490		554	2,916	771	14,270			846	85,143	30,441	131,471	
Ohio.....	5	11,198		18	40	1,783	22,704	35,748	119	233,258		70		2,402	231,787	165,782	633,418	
Indiana.....		21,885		6		1,145	24,287	47,323	65	541,304		131			103,663	186,072	831,235	
Illinois.....	1	61,133		8		3,415	98,242	162,799	291	1,900,182	158	164			203,860	697,157	2,801,912	
Michigan.....	3	3,114					817	8,440	486	90,347		3			117,908	178,577	387,917	
Wisconsin.....	16	3,496					113	2,993	6,885	1,275	55,753			20,141	5,530	25,223	107,922	
East North Central.....	25	100,826		32	307	7,273	156,666	265,129	2,236	2,821,440	158	368		22,543	662,748	1,252,811	4,762,304	
Minnesota.....	10,849	60,861				7,718	92,369	171,797	123,347	1,067,010		126			212,505	907,267	2,310,255	
Iowa.....		124,209		50		283	140,041	264,584	580	3,375,910		15,358			43,008	1,236,095	4,670,951	
Missouri.....	3	14,029	6,380	330		5,406	26,360	52,508	1,074	360,129	272,536			230,974	319,036	1,208,519		
North Dakota.....	29,750	1,201				76,857	39,149	146,957	301,822	25,401				1,714,027	435,123	2,476,373		
South Dakota.....	2,690	9,932		309		20,522	23,848	57,301	41,752	297,471			7,832	569,187	257,922	1,174,164		
Nebraska.....	17	71,856		7,931		50,651	9,407	139,862	8,143	1,429,752		350,691		1,040,063	141,782	2,970,431		
Kansas.....	74	8,599		7,230		170,148	5,415	191,466	12,978	172,628		420,770		3,438,996	69,040	4,114,322		
West North Central.....	43,384	290,687	6,380	15,850		331,589	336,589	1,024,475	489,696	6,728,301	272,536	819,547			7,248,670	3,366,265	18,925,015	
Delaware.....		45				18	58	121	54	2,792					7,382	995	11,223	
Maryland.....	13	438				187	105	768	464	5,565				31,574	39,327	1,007	77,937	
Virginia.....	27	626	122		3,199	3,689	776	954	3,393	322	8,065		62,296	27,177	9,705	160,361		
West Virginia.....									4	410					275	763	1,452	
North Carolina.....	6	3,026	4,210	3-6	54	82,885	272	4,346	94,793	401	25,108	320,349	284	9,094	2,148,878	10,088	35,036	2,549,238
South Carolina.....	3	1,100	6,310			210	3,659	11,282	214	9,852	454,810	10	999	10	6,989	52,909	525,793	
Georgia.....	3	1,750	11,936	1	37,729	173	10,971	62,563	122	19,088	958,559	17	607,097		10,745	232,753	1,828,381	
Florida.....	2	192	1			8	2,387	2,968	3	2,094	7,163		8	50,107	31	20,493	79,899	
South Atlantic.....	54	7,177	22,791	3-4	41,147	86,599	1,644	22,480	181,888	1,584	68,502	1,748,946	319	729,593	2,229,665	102,014	353,661	5,234,284

Kentucky	12	897	357	4	99,930	296	1,813	103,309	293	51,167	2,210	119	917,058	29,299	18,347	1,018,493		
Tennessee	3	205	5,443	11	15,175	88	2,815	23,740	62	3,280	448,882	35	236,251	13,634	24,340	726,484		
Alabama		92	5,737			11	2,171	8,011	5	4,573	898,396	11	27,504	1,267	17,755	949,511		
Mississippi		19	91,131	8		43	23,565	114,766	205	1,598	2,323,685	491		1,513	223,728	2,551,220		
East South Central	15	1,213	102,668	23	115,105	438	30,364	249,826	565	60,618	3,673,173	656	27,504	1,153,309	45,713	284,170	5,245,708	
Arkansas		13	54,386	4		476	137,386	192,265	1,910	537	1,299,837	1,059			11,186	887,206	2,201,735	
Louisiana			35,142			48	17,887	53,077	5	44	558,938				248	132,678	691,913	
Oklahoma	144	73	8,310	777	45	66,884	896	77,129	10,515	1,291	476,161	36,976	16,599	1,176,459	15,625	1,733,626		
Texas	5	1,444	106,219	20,738	12,113	15,879	43,960	200,358	7,818	7,615	4,939,321	1,435,842	180,131	735,584	434,744	7,741,055		
West South Central	149	1,530	204,057	21,519	12,158	83,287	200,129	522,829	20,248	9,487	7,274,257	1,473,877	196,730	1,923,477	1,470,253	12,368,329		
Montana	1,950	10				32,232	1,353	35,545	104,361	75				843,806	31,517	979,759		
Idaho	953	34				11,957	2,497	15,441	29,793	1,067				451,182	92,109	574,151		
Wyoming	42					948	522	1,512	1,788	343				50,340	47,192	99,754		
Colorado	90	1,122		471		10,141	1,595	13,419	9,495	13,252		22,093		417,845	76,725	539,410		
New Mexico	6	4	16,197	879	94	1,069	58	18,307	202	201	355,546	45,478	315	51,933	7,507	461,182		
Arizona	169	3	42,234	82		7	107	42,602	21,164	237	698,920	18,333	5,903	1,303	5,779	751,639		
Utah	66					458	139	663	1,945	30				30,086	12,458	44,520		
Nevada	4		533			9	9	555	165		5,796			1,114	756	7,831		
Mountain	3,280	1,173	58,964	1,432	94	56,821	6,280	128,044	168,913	15,205	1,060,262	85,906	6,218	1,847,699	274,043	3,458,246		
Washington	361	16				35,943	1,563	37,883	75,620	4,393		24		1,194,000	56,022	1,330,059		
Oregon	799	35				11,245	1,700	13,779	43,055	1,038				458,493	41,498	544,084		
California	2,431	225	97,342	60	14	893	7,519	108,484	165,537	4,688	1,326,486	5,705	232	52,055	130,306	1,685,009		
Pacific	3,591	276	97,342	60	14	48,081	10,782	160,146	284,212	10,119	1,326,486	5,729	232	1,704,548	227,826	3,559,152		
Puerto Rico						1,688		1,688			179			28,111		28,290		
Alaska							2	2	108						86	194		
Unallocated	4,340	476	5,369	471		14,774	66,635	85,689	448	16,317	7,311,976	816		9,268	20,879	6,493,946		
United States and Territories	50,867	403,801	495,895	39,083	53,413	203,950	545,393	830,706	2,623,108	968,796	9,744,259	15,667,973	2,387,218	960,277	3,470,396	13,640,915	7,521,715	54,361,549

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans financed by financial institutions. 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.

<sup>2</sup> Includes storage facility and equipment loans.

<sup>3</sup> Denotes adjustment of prior activity.

<sup>4</sup> Storage charges for the initial loan period to be paid by CCC on extended warehouse storage grain loans.

<sup>5</sup> Reconciliation and storage charges applicable to cotton loans.

<sup>6</sup> Includes 1969 storage facility and equipment loans which are not available by States.

<sup>7</sup> Includes loans to cotton cooperatives and the 1933 cotton loan for which State data are not available.

Agricultural Stabilization and Conservation Service.

Table 738.—Commodity Credit Corporation: Selected inventory transactions, by program and commodity, 1969

Program and commodity	Quantity					Value					
	Unit	Inventory Jan. 1, 1969	Purchases	Collateral acquired from loans	Sales <sup>1</sup>	Inventory Dec. 31, 1969	Inventory Jan. 1, 1969	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Dec. 31, 1969
<b>PRICE-SUPPORT PROGRAM</b>											
<b>Basic commodities:</b>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</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>
Corn.....	Bushel.....	260,519	3,603	64,990	32,388	296,360	297,287	3,616	72,261	38,900	333,148
Corn products.....	Pound.....	348	108,943			127	13	4,347			5
Cotton, extra-long-staple.....	Bale.....	98		10	27	81	24,520		1,902	5,686	19,653
Cotton, upland.....	do.....	37		2,775	670	2,140	4,109		301,584	65,375	232,900
Peanuts, farmers' stock.....	Pound.....	10	113	885			1		97	21	
Peanuts, shelled.....	do.....	3,953	177,489		178,394	3,404	642	29,131		12,354	570
Rice, milled.....	Cwt.....	10	1,003			5	93	9,510			48
Rice, rough.....	Cwt.....	70	656	5,663	21	6,371	338	3,251	28,064	73	31,561
Tobacco, owned.....	Pound.....			14,523	14,529				10,691	10,691	
Wheat.....	Bushel.....	100,358	4,985	75,734	11,883	168,792	143,075	6,908	100,658	19,145	232,533
Wheat flour.....	Pound.....	263	429,260			21,300	16	25,335			1
Wheat products, other.....	do.....	73	23,860			127	10	1,697			16
<b>Total.....</b>							<b>470,104</b>	<b>83,807</b>	<b>515,257</b>	<b>152,245</b>	<b>850,435</b>
<b>Designated nonbasic commodities:</b>											
Barley.....	Bushel.....	6,506	8,136	34,949	826	48,707	5,187	7,161	30,776	462	42,389
Sorghum grain.....	do.....	192,448	169	9,610	13,998	188,097	205,071	181	9,444	19,100	200,223
Honey.....	Pound.....	4,638	28	61	4,639		636	3	8	813	
<b>Milk and butterfat:</b>											
Butter.....	do.....	113,407	187,408		110,693	71,642	76,136	127,038		77,693	48,829
Butter oil <sup>2</sup> .....	do.....	10,571			11,247		9,666			12,205	
Cheese.....	do.....	65,443	24,617		323,044	98	31,888	12,335		16,708	52
Ghee <sup>2</sup> .....	do.....	3,152					2,840			6,769	
Milk, dried.....	do.....	268,056	414,423		396,884	211,683	58,683	100,630		90,895	49,179
Oats.....	Bushel.....	45,916	6,559	25,304	1,210	76,453	27,981	4,108	15,802	587	47,113
Oats, rolled.....	Pound.....	156	34,120			25	11	2,349			2
Rye.....	Bushel.....	9,015	240	2,757	195	11,743	9,289	166	2,872	168	12,146
Tung oil.....	Pound.....	12,454		33,827	18,198	27,993	3,140	84	8,476	2,280	7,005
<b>Total.....</b>							<b>430,528</b>	<b>254,055</b>	<b>67,378</b>	<b>227,680</b>	<b>406,938</b>
<b>Other nonbasic commodities:</b>											
Beans, dry edible.....	Cwt.....	1		28	1	28	23		201		201
Castor oil.....	Pound.....		23,487			23,487		3,459			3,459
Cottonseed meal.....	do.....		282,385		191,236	91,013		9,062		5,204	2,920
Cottonseed oil, crude.....	do.....		264,652		264,652			28,844		28,844	
Cottonseed oil, refined.....	do.....	7,790	295,280		107,434	195,596	923	35,922		10,711	23,782
Flaxseed.....	Bushel.....	2,875	114	4,899	146	7,721	8,220	341	14,635	380	22,728

Linseed oil.....	Pound.....	80,000				80,000	9,494				9,494
Soybeans.....	Bushel.....	53,053	3,532	158,813	36,144	178,492	137,590	9,129	410,858	91,134	462,654
Vegetable oil products.....	Pound.....		3,000					546			
<b>Total.....</b>							<b>156,250</b>	<b>87,303</b>	<b>425,694</b>	<b>136,273</b>	<b>525,238</b>
<b>Exchange commodities:</b>											
Strategic and critical materials.....							360			454	23
<b>Total price-support program.....</b>							<b>1,057,242</b>	<b>425,165</b>	<b>1,008,329</b>	<b>516,652</b>	<b>1,782,634</b>
<b>SUPPLY PROGRAM</b>											
Feed for Government facilities.....	Cwt.....		17		17			70		70	
Seeds and plants.....								14		14	
Seeds, foundation.....	Pound.....	710	62		231	541	364	33		172	277
<b>Total supply program.....</b>							<b>364</b>	<b>117</b>		<b>256</b>	<b>277</b>
<b>COMMODITY EXPORT PROGRAM</b>											
Beans, dry edible.....	Cwt.....		87		87			810		826	
Blended food products.....	Pound.....		375,430		375,624			27,989		28,565	
Corn products.....	do.....	185	208,264		207,963		7	7,440		7,579	
Cotton products.....	do.....		47		47			60		62	
Oats, rolled.....	do.....		66,003		65,758			4,108		4,175	
Rice, milled.....	do.....		373		373			2,970		3,029	
Soya flour.....	do.....		70		70			6		6	
Vegetable oil products.....	do.....	1,387	182,663		175,924	8,136	194	25,789		25,406	1,267
Wheat.....	Bushel.....	4,058	11,016		14,455	113	6,138	17,005		24,477	172
Wheat flour.....	Pound.....	1,609	1,193,438		1,194,865		88	51,759		52,875	
Wheat products, other.....	do.....		557,916		557,925			24,973		25,474	
<b>Total commodity export program.....</b>							<b>6,427</b>	<b>162,909</b>		<b>172,474</b>	<b>1,439</b>
<b>OTHER</b>											
Cotton, extra-long-staple <sup>3</sup> .....	Bale.....	11	2,554		11			1,436			
<b>Total all programs.....</b>							<b>1,064,033</b>	<b>589,627</b>	<b>1,008,329</b>	<b>689,382</b>	<b>1,784,350</b>

<sup>1</sup> Sales do not reflect commodity donations.

<sup>2</sup> Processed from price-support butter.

<sup>3</sup> Transferred to CCC at no cost from National Stockpile pursuant to Public Laws 85-96 and 87-548. The proceeds from sales, less costs incurred by CCC, are covered

into the Treasury as miscellaneous receipts; therefore such proceeds and costs are not recorded in the operating accounts.

Agricultural Stabilization and Conservation Service.

Table 739.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1969

Commodity	Export					Domestic					Total export and domestic
	Dollar sales <sup>1</sup>	Barter	Public Law 480, Title II	Transfers to other Government agencies	Total export	Dollar sales	Transfers to other Government agencies <sup>2</sup>	Donations	Payment-in-kind	Total domestic	
Basic commodities:	<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>
Corn.....	4,966	<sup>3</sup> 1	2,113		7,078	26,036	70	147	780	27,033	34,111
Corn products.....								4,626		4,626	4,626
Cotton, extra-long-staple.....	791				791	5,467		2		5,469	6,260
Cotton, upland.....		2,003			2,003	2,124		1	72,114	74,239	76,242
Peanuts, farmers' stock.....						29		3		32	32
Peanuts, shelled.....	402				402	30,919				30,919	31,321
Rice, milled.....								10,254		10,254	10,254
Rice, rough.....						66				66	66
Tobacco, owned.....		14,462			14,462						14,462
Wheat.....	15,123		1,134		16,257	3,374		10	<sup>3</sup> 24	3,380	19,617
Wheat flour.....								25,745		25,745	25,745
Wheat products, other.....								1,764		1,764	1,764
Total.....	21,282	16,464	3,247		40,993	68,015	70	42,552	72,870	183,507	224,500
Designated nonbasic commodities:											
Butter.....			4,977	714	5,691		14,519	119,482		134,001	139,692
Butter oil.....			12,917		12,917						12,917
Cheese.....			54		54	1,193	9,326	47,081		57,600	57,654
Ghee.....			7,067		7,067						7,067
Milk, dried.....	20,898		69,481		90,379	389	6,813	24,064		31,266	121,645
Barley.....						168	3	1		172	172
Sorghum grain.....			1,147		1,147	958			3	961	2,108
Oats.....						195	20	5		220	220
Rye.....						104		1		105	105
Tung oil.....						5,014				5,014	5,014
Honey.....						64	796			860	860
Rolled oats.....								2,374		2,374	2,374
Total.....	20,898		95,643	714	117,255	8,085	31,477	193,008	3	232,573	349,828

Other nonbasic commodities:											
Beans, dry edible.....						<sup>3</sup> 7		3		<sup>3</sup> 4	<sup>3</sup> 4
Cottonseed meal.....	280				280					280	280
Cottonseed oil, crude.....						26,239				26,239	26,239
Flaxseed.....	<sup>3</sup> 1				<sup>3</sup> 1	188				188	187
Soybeans.....						4,987				4,987	4,987
<b>Total.....</b>	<b>279</b>				<b>279</b>	<b>31,407</b>		<b>3</b>		<b>31,410</b>	<b>31,689</b>
Exchange commodities.....							1,820			1,820	1,820
<b>Total price-support program.....</b>	<b>42,459</b>	<b>16,464</b>	<b>98,890</b>	<b>714</b>	<b>158,527</b>	<b>107,507</b>	<b>33,367</b>	<b>235,563</b>	<b>72,873</b>	<b>449,310</b>	<b>607,837</b>

<sup>1</sup> Includes commodities subsequently exported and financed under P. L. 480.

<sup>2</sup> Includes sales to Section 32 at lower of cost or market for distribution to relief or welfare outlets.

<sup>3</sup> Denotes negative item resulting from adjustments of prior activity.

Agricultural Stabilization and Conservation Service.

Table 740.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1960-69

Date	Inventory after revaluation	Loans held by CCC	Loans financed by leading agencies	Total loans outstanding	Total investment
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1960:					
March	6,019.4	1,702.7	181.1	1,883.8	7,903.2
June	6,020.8	1,146.8	155.5	1,302.3	7,323.1
September	6,148.4	1,197.9	391.8	1,589.7	7,738.1
December	6,079.1	1,191.1	638.0	1,829.1	7,908.2
1961:					
March	5,458.9	1,183.1	883.9	2,067.0	7,525.9
June	5,563.3	869.7	605.7	1,475.4	7,038.7
September	5,496.8	1,341.1	336.1	1,677.2	7,174.0
December	5,248.5	1,542.3	895.2	2,437.5	7,686.0
1962:					
March	4,497.1	1,759.4	1,148.6	2,908.0	7,405.1
June	4,474.3	1,280.9	901.8	2,182.7	6,657.0
September	5,248.5	1,390.7	303.3	1,694.0	6,942.5
December	5,270.6	1,648.1	1,113.3	2,761.4	8,032.0
1963:					
March	4,736.2	2,115.4	1,313.8	3,429.2	8,165.4
June	4,725.9	1,696.5	834.1	2,530.6	7,256.5
September	5,490.8	1,393.6	256.4	1,650.0	7,140.8
December	5,023.0	2,215.7	711.9	2,927.6	7,950.6
1964:					
March	4,516.2	2,758.0	580.7	3,338.7	7,854.9
June	4,338.3	2,382.2	377.4	2,759.6	7,097.9
September	5,138.3	1,596.5	189.6	1,786.1	6,924.4
December	4,611.4	2,261.7	540.2	2,801.9	7,413.3
1965:					
March	4,172.8	2,390.9	627.2	3,018.1	7,190.9
June	3,892.2	2,075.3	419.1	2,494.4	6,386.6
September	4,488.8	1,566.6	181.5	1,748.1	6,233.9
December	4,108.9	2,065.5	532.5	2,598.0	6,706.9
1966:					
March	3,570.7	2,184.4	603.4	2,787.8	6,358.5
June	3,112.9	1,344.1	855.3	2,199.4	5,312.3
September	3,159.4	1,182.4	206.2	1,388.6	4,548.0
December	2,337.1	1,542.1	526.6	2,068.7	4,405.8
1967:					
March	1,945.5	1,064.8	943.3	2,008.1	3,953.6
June	1,858.4	482.0	1,021.1	1,503.1	3,361.5
September	1,518.6	401.0	979.2	1,380.2	2,898.8
December	997.0	618.6	1,736.7	2,355.3	3,352.3
1968:					
March	920.4	928.5	1,589.2	2,517.7	3,438.1
June	912.7	1,344.7	923.5	2,268.2	3,180.9
September	987.6	1,504.4	890.4	2,394.8	3,382.4
December	1,057.2	2,456.3	1,148.7	3,605.0	4,662.2
1969:					
March	1,032.7	2,772.2	1,292.0	4,064.2	5,096.9
June	1,244.5	1,744.5	1,589.5	3,334.0	4,578.5
September	1,927.4	2,179.4	565.3	2,744.7	4,672.1
December	1,782.6	3,285.8	342.4	3,628.2	5,410.8

Agricultural Stabilization and Conservation Service. Data for 1952-59 in *Agricultural Statistics, 1968*, table 744.



Table 741.—Sugar Act payments to sugarbeet growers, by States, 1968 and 1969<sup>1</sup>

State	Producers (payees)		Payments on sugarbeets marketed		Abandonment and deficiency payments		Total payments	
	1968	1969 <sup>2</sup>	1968	1969 <sup>2</sup>	1968	1969 <sup>2</sup>	1968	1969 <sup>2</sup>
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Arizona.....	274	340	823	( <sup>3</sup> )	116	( <sup>3</sup> )	939	1,055
Arkansas.....		3		( <sup>3</sup> )		( <sup>3</sup> )		2
California.....	2,296	2,600	11,867	( <sup>3</sup> )	275	( <sup>3</sup> )	12,142	14,000
Colorado.....	5,700	6,600	6,083	( <sup>3</sup> )	176	( <sup>3</sup> )	6,259	6,404
Idaho.....	4,933	5,325	7,289	( <sup>3</sup> )	286	( <sup>3</sup> )	7,575	8,035
Iowa.....	22	22	49	( <sup>3</sup> )			49	48
Kansas.....	503	600	1,213	( <sup>3</sup> )	52	( <sup>3</sup> )	1,265	1,247
Maine.....	292	130	192	151	232	28	424	179
Michigan.....	3,686	3,586	3,784	3,543	6	28	3,790	3,571
Minnesota.....	1,559	1,544	4,895	5,223	36	4	4,931	5,227
Missouri.....		4		( <sup>3</sup> )		( <sup>3</sup> )		5
Montana.....	1,809	1,721	2,417	2,677	41	26	2,458	2,703
Nebraska.....	2,759	2,909	2,898	3,248	37	78	2,935	3,326
New Jersey.....		37		35		1		36
New Mexico.....	78	120	170	( <sup>3</sup> )	6	( <sup>3</sup> )	176	235
New York.....	83	159	118	243	1	5	119	248
North Dakota.....	1,056	1,162	2,574	3,038	11	6	2,585	3,044
Ohio.....	1,817	1,699	1,582	1,379	7	73	1,589	1,452
Oregon.....	518	495	1,107	1,180	16	8	1,123	1,188
Pennsylvania.....		10		( <sup>3</sup> )		( <sup>3</sup> )		40
Texas.....	747	900	1,665	( <sup>3</sup> )	34	( <sup>3</sup> )	1,699	1,680
Utah.....	1,143	1,283	1,123	1,259	28	57	1,151	1,316
Washington.....	991	1,014	3,017	3,631	106	50	3,123	3,681
Wyoming.....	1,606	1,587	2,403	2,673	28	16	2,431	2,689
Total.....	31,872	33,850	55,269	( <sup>3</sup> )	1,494	( <sup>3</sup> )	56,763	61,411

<sup>1</sup> Data are for crop years.<sup>2</sup> Preliminary.<sup>3</sup> Not available.

Agricultural Stabilization and Conservation Service.

Table 742.—Sugar Act payments to sugarbeet growers, United States, 1960–69

Crop year	Producers (payees)	Payments on sugarbeets marketed	Abandonment and deficiency payments	Total payments
	Number	1,000 dollars	1,000 dollars	1,000 dollars
1960.....	39,092	38,476	812	39,288
1961.....	39,917	40,412	2,011	42,423
1962.....	38,032	41,126	2,082	43,208
1963.....	37,947	51,272	1,044	52,316
1964.....	40,055	52,014	1,878	53,892
1965.....	36,600	44,413	2,313	46,726
1966.....	32,371	44,093	1,439	45,532
1967.....	30,438	42,384	1,485	43,869
1968.....	31,872	55,269	1,494	56,763
1969 <sup>1</sup> .....	33,850	( <sup>2</sup> )	( <sup>2</sup> )	61,411

<sup>1</sup> Estimated.<sup>2</sup> Not available.Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 758.

Table 743.—Sugar Act payments to sugarcane growers, by States and Territories, 1960-69<sup>1</sup>

Crop year and item	Florida	Louisiana	Total mainland	Hawaii	Puerto Rico	Virgin Islands	Total insular	Grand total
1960:								
Producers (payees)..... number.....	14	5,568	5,582	808	14,447	214	15,469	21,051
Payments.....1,000 dollars.....	1,363	6,805	8,168	8,779	14,939	125	23,843	32,011
1961:								
Producers (payees)..... number.....	20	5,662	5,682	867	13,378	193	14,438	20,120
Payments.....1,000 dollars.....	1,753	9,107	10,860	9,975	13,630	213	23,818	34,678
1962:								
Producers (payees)..... number.....	116	5,565	5,681	728	12,540	156	13,424	19,105
Payments.....1,000 dollars.....	3,899	7,580	11,479	10,177	13,115	139	23,431	34,910
1963:								
Producers (payees)..... number.....	116	5,509	5,625	754	11,831	129	12,714	18,339
Payments.....1,000 dollars.....	4,135	11,055	15,190	10,019	13,106	194	23,319	38,509
1964:								
Producers (payees)..... number.....	194	5,690	5,884	660	10,995	113	11,768	17,652
Payments.....1,000 dollars.....	6,024	8,744	14,768	10,563	12,297	190	23,050	37,818
1965:								
Producers (payees)..... number.....	188	5,599	5,787	703	10,043	79	10,825	16,612
Payments.....1,000 dollars.....	5,377	8,332	13,709	10,760	11,882	128	22,770	36,479
1966:								
Producers (payees)..... number.....	184	5,345	5,529	637	9,007	64	9,708	15,237
Payments.....1,000 dollars.....	6,037	8,177	14,214	10,831	11,066	106	22,003	36,217
1967:								
Producers (payees)..... number.....	165	5,183	5,348	673	7,911	.....	8,584	13,932
Payments.....1,000 dollars.....	6,628	10,404	17,032	10,570	9,534	.....	20,104	37,136
1968:								
Producers (payees)..... number.....	154	5,099	5,253	628	6,671	.....	7,299	12,552
Payments.....1,000 dollars.....	5,249	9,593	14,842	10,861	6,787	.....	17,648	32,490
1969: <sup>2</sup>								
Producers (payees)..... number.....	150	4,915	5,065	528	6,200	.....	6,728	11,793
Payments.....1,000 dollars.....	5,645	7,681	13,326	10,463	6,800	.....	17,263	30,589

<sup>1</sup> Abandonment and deficiency payments included.<sup>2</sup> Estimated.Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 757.Table 744.—Commodity Credit Corporation: Number of producers and payments received, grouped by size of payments, United States, 1969<sup>1</sup>

Payment size groups	Producers		Payments	
	Number	Percentage of total	Amount	Percentage of total
		<i>Percent</i>	<i>1,000 dollars</i>	<i>Percent</i>
Less than \$100.....	274,485	11.53	13,430	0.38
\$100 to \$199.....	242,700	10.19	35,912	1.01
\$200 to \$499.....	526,115	22.08	177,464	5.02
\$500 to \$699.....	242,892	10.20	144,308	4.08
\$700 to \$999.....	258,608	10.86	217,244	6.15
\$1,000 to \$1,999.....	410,801	17.25	574,573	16.24
\$2,000 to \$2,999.....	160,343	6.73	391,574	11.08
\$3,000 to \$3,999.....	85,678	3.60	295,814	8.36
\$4,000 to \$4,999.....	51,143	2.14	228,121	6.45
\$5,000 to \$7,499.....	61,330	2.58	370,839	10.49
\$7,500 to \$9,999.....	25,859	1.08	222,489	6.29
\$10,000 to \$14,999.....	21,147	.89	254,980	7.21
\$15,000 to \$24,999.....	12,856	.54	242,548	6.86
\$25,000 to \$49,999.....	6,029	.25	200,524	5.67
\$50,000 to \$99,999.....	1,404	.06	91,191	2.58
\$100,000 to \$499,999.....	346	.01	55,114	1.56
\$500,000 to \$999,999.....	11	( <sup>2</sup> )	7,668	.21
\$1,000,000 and over.....	5	( <sup>2</sup> )	12,282	.35
Subtotal.....	2,381,752	100.00	3,536,075	100.00
Undistributed.....			<sup>3</sup> 258,921	
Total.....			3,794,996	

<sup>1</sup> Represents the number of producers receiving payments under ASCS programs (except sugar and wool), grouped by aggregate size of all payments to each, and total amount of payments received by these groups of producers.<sup>2</sup> Less than 0.005 percent.<sup>3</sup> Includes payments under sugar and wool programs plus payments unallocated by size group.

Agricultural Stabilization and Conservation Service.

Table 745.—Commodity Credit Corporation: Participating farms and payments received under the Cotton, Feed Grain, and Wheat Programs, by size of base or allotment, United States, 1969

Size of base or allotment (acres)	Participating farms	Base or allotment acreage on participating farms	Price-support payments				Diversion payments		
			Computed on—		Average per acre	Total amount	Acreage on which computed	Average per acre	Total amount
			Acreage	Average yield per acre					
Cotton									
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Dollars</i>	<i>1,000 dollars</i>
0.1 to 4.9 .....	112,972	339	93	483	71	6,629			
5.0 to 10.0 .....	137,065	1,040	465	520	77	35,566			
10.1 to 14.9 .....	43,024	533	311	521	77	23,906			
15.0 to 29.9 .....	65,983	1,404	877	496	73	64,095			
30.0 to 49.9 .....	40,655	1,574	1,012	489	72	72,949			
49.9 or less .....	399,699	4,890	2,758	500	74	203,145			
50.0 to 99.9 .....	42,461	2,948	1,906	515	76	144,599			
100.0 to 199.9 .....	22,579	3,089	2,002	568	84	167,503			
200.0 to 349.9 .....	7,380	1,885	1,223	642	95	115,611			
350.0 to 499.9 .....	1,832	756	491	710	105	51,284			
500.0 to 999.9 .....	1,274	834	541	761	112	60,706			
1,000 and over .....	320	602	391	903	133	52,053			
Total .....	475,545	15,004	9,313	579	85	794,901			
Corn, sorghum grain, and barley									
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Dollars</i>	<i>1,000 dollars</i>
10.0 or less .....	353,735	2,078	104		17	1,800	1,904	33	62,700
10.1 to 15.0 .....	152,458	1,983	172		20	3,364	1,703	34	57,385
15.1 to 20.0 .....	125,738	2,271	267		21	5,541	1,844	34	62,403
20.1 to 25.0 .....	105,997	2,451	332		21	7,095	1,915	34	65,194
25.0 or less .....	737,928	8,783	876		20	17,800	7,365	34	247,683
25.1 to 30.0 .....	79,429	2,229	377		22	8,220	1,301	36	46,625
30.1 to 50.0 .....	228,591	9,101	2,858		22	62,177	2,897	37	108,395
50.1 to 125.0 .....	374,908	29,994	12,912		22	289,468	5,656	40	228,412
125.1 to 200.0 .....	100,875	15,753	7,000		22	151,858	2,898	39	114,408
200.1 to 500.0 .....	59,082	16,747	7,319		20	149,943	3,346	37	125,170
500.1 to 1,000.0 .....	6,064	3,961	1,707		19	33,103	861	36	30,658
1,000.1 and over .....	1,144	1,911	827		17	14,324	443	34	15,210
Total .....	1,588,021	88,480	33,875		21	727,894	24,767	37	916,561
Wheat									
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 acres</i>	<i>Dollars</i>	<i>1,000 dollars</i>
10.0 or less .....	304,829	1,586	343	36	54	18,626	723	20	14,748
10.1 to 15.0 .....	183,013	2,236	782	36	55	43,105	384	21	8,121
15.1 to 25.0 .....	107,464	2,115	807	35	53	42,968	258	21	5,327
25.0 or less .....	595,306	5,937	1,932	36	54	104,699	1,365	21	28,196
25.1 to 50.0 .....	132,090	4,777	1,966	31	47	91,687	324	18	5,924
50.1 to 100.0 .....	108,977	7,814	3,296	27	41	135,769	485	15	7,489
100.1 to 200.0 .....	71,639	10,101	4,300	26	40	170,537	708	14	10,191
200.1 to 300.0 .....	23,678	5,746	2,452	26	40	97,714	444	14	6,350
300.1 to 500.0 .....	14,764	5,534	2,369	26	40	94,413	460	14	6,342
500.1 to 1,000.0 .....	5,820	3,809	1,632	26	40	64,652	350	14	4,784
1,000.1 to 2,000.0 .....	920	1,179	506	26	39	19,639	129	14	1,755
2,000.1 and over .....	124	344	148	23	35	5,227	39	13	508
Total .....	953,318	45,242	18,600	28	42	784,336	4,303	17	71,538

Table 746.—Commodity Credit Corporation: Payments to producers, by program and commodity, crop years 1964–69

Program and commodity	1964	1965	1966	1967	1968	1969
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
<b>Diversion:</b>						
Corn.....	702.7	760.2	579.0	302.1	651.3	780.3
Sorghum grain.....	138.9	144.4	103.7	22.6	89.2	114.2
Barley.....	47.6	45.8	26.7			22.1
Oats.....		3				
Wheat.....	32.7	36.9	28.2			71.5
Cotton.....			284.7	323.3	143.5	
<b>Total.....</b>	<b>921.9</b>	<b>987.6</b>	<b>1,020.3</b>	<b>648.0</b>	<b>884.0</b>	<b>988.1</b>
<b>Price support:</b>						
Corn.....	223.5	333.9	449.0	428.5	514.4	584.9
Sorghum grain.....	45.5	80.5	116.1	113.9	113.9	119.1
Barley.....	13.0	16.8	20.6			23.9
Wheat.....						
Cotton.....	39.3	69.3	489.4	611.7	638.8	794.9
Sugar (cane and beet).....	91.7	83.2	81.7	81.0	89.3	<sup>1</sup> 92.0
Wool.....	20.3	34.2	26.3	57.7	54.0	<sup>1</sup> 49.9
Mohair.....		1.9	6.5	11.5	10.6	<sup>1</sup> 1.9
<b>Total.....</b>	<b>433.3</b>	<b>619.8</b>	<b>1,189.6</b>	<b>1,304.3</b>	<b>1,421.0</b>	<b>1,666.6</b>
Wheat marketing certificate.....	410.2	472.3	655.2	727.1	746.0	784.3
<b>Total programs:</b>						
Corn.....	926.2	1,094.1	1,028.0	730.6	1,165.7	1,365.2
Sorghum grain.....	184.4	224.9	219.8	136.5	203.1	233.3
Barley.....	60.6	62.6	47.3			46.0
Oats.....		3				
Wheat.....	442.9	509.2	681.4	727.1	746.0	855.8
Cotton.....	39.3	69.3	774.1	935.0	782.3	794.9
Sugar (cane and beet).....	91.7	83.2	81.7	81.0	89.3	<sup>1</sup> 92.0
Wool.....	20.3	34.2	26.3	57.7	54.0	<sup>1</sup> 49.9
Mohair.....		1.9	6.5	11.5	10.6	<sup>1</sup> 1.9
<b>Grand total.....</b>	<b>1,765.4</b>	<b>2,079.7</b>	<b>2,865.1</b>	<b>2,679.4</b>	<b>3,051.0</b>	<b>3,439.0</b>

<sup>1</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1961–1963 in *Agricultural Statistics, 1967*, table 760.

Table 747.—Cropland diversion: Acreage diverted under specified programs, United States, 1956–70

Year	Program											Total <sup>2</sup>
	Acreage reserve	Conservation reserve	Feed grains					Wheat	Cotton	Cropland conversion	Cropland adjustment <sup>4</sup>	
			Corn	Sorghum grain	Barley	Oats	Total					
	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>	<i>Million acres</i>
1956.....	12.2	1.4										13.6
1957.....	21.4	6.4										27.8
1958.....	17.2	9.9										27.1
1959.....		22.5										22.5
1960.....		28.7										28.7
1961.....		28.5	19.1	6.1			25.2					53.7
1962.....		25.8	20.3	5.5	2.4		28.2	10.7				64.7
1963.....		24.3	17.2	4.6	2.7		24.5	7.2		0.1		56.1
1964.....		17.4	22.2	6.5	3.7		32.4	5.1	<sup>3</sup> 0.5	.1		55.5
1965.....		14.0	24.0	7.0	3.7	0.1	34.8	7.2	<sup>3</sup> 1.0	.4		57.4
1966.....		13.3	23.7	7.3	3.7	(*)	34.7	8.3	4.6	.4	2.0	63.3
1967.....		11.0	16.2	4.1			20.3		4.9	.6	4.0	40.8
1968.....		9.2	25.4	7.0			32.4		3.3	.5	3.9	49.3
1969.....		3.4	27.2	7.5	4.4		39.1	11.1		.5	3.9	58.0
1970 <sup>5</sup> .....		.1	(*)	(*)	(*)		39.5	16.7		(*)	3.4	59.7

<sup>1</sup> State detail is available in *Agricultural Statistics, 1968*. <sup>2</sup> Total diverted, including acreage devoted to substitute crops. <sup>3</sup> Not required to be put to conserving uses. <sup>4</sup> Less than 50,000 acres. <sup>5</sup> Projected estimates. <sup>6</sup> Estimates for individual feed grain not available.

Agricultural Stabilization and Conservation Service.

Table 748.—Commodity Credit Corporation: Diversion and price-support payments under specified programs, by States, crop years 1968 and 1969

State and division	Wheat Program			Feed Grain Program				Cotton Program		
	Diversion, 1969	Wheat certificate		Diversion		Price support		Diversion, 1968	Price support	
		1968	1969	1968	1969	1968	1969		1968	1969
		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			63	78	3	3			
New Hampshire				47	52	2	2			
Vermont			(1)	176	182	8	9			
Massachusetts		(1)		73	84	4	4			
Rhode Island				4	4					
Connecticut				162	175	15	10			
New York	2,438	3,839	4,279	7,588	9,159	1,515	1,602			
New Jersey	199	529	579	2,608	2,696	493	506			
Pennsylvania	2,099	4,329	4,479	9,166	11,432	2,151	2,543			
North Atlantic	4,737	8,699	9,339	19,887	23,862	4,191	4,679			
Ohio	2,532	21,935	23,826	37,160	40,970	21,701	23,065			
Indiana	1,679	15,707	17,845	56,567	63,903	37,295	40,331			
Illinois	1,025	23,740	26,916	50,032	66,795	74,532	90,197	18	108	130
Michigan	5,654	16,066	16,696	25,433	27,969	8,423	8,979			
Wisconsin	167	502	531	25,764	30,389	12,611	13,966			
Minnesota	1,401	11,824	13,255	47,262	69,985	56,683	70,337			
Iowa	31	748	805	94,390	104,798	135,121	142,008			
Missouri	3,899	19,492	20,924	53,309	62,167	31,502	35,648	1,142	16,637	19,744
North Dakota	5,401	105,118	107,640	8,187	17,746	4,323	15,452			
South Dakota	3,242	25,715	29,793	18,704	21,109	25,014	27,132			
Nebraska	1,208	41,103	44,284	47,273	54,823	78,729	86,457			
Kansas	5,590	145,208	145,417	26,518	31,558	37,918	40,172	(1)	(1)	(1)
North Central	31,829	427,158	447,932	490,599	592,212	523,852	593,744	1,160	16,745	19,874
Delaware	44	313	364	890	1,007	367	383			
Maryland	303	1,381	1,611	2,775	3,760	933	1,322			
Virginia	1,043	2,102	2,043	6,966	8,171	1,613	1,876	200	357	301
West Virginia	87	154	156	1,055	1,084	154	152			
North Carolina	2,523	2,853	2,674	25,881	33,413	6,196	7,712	5,709	10,225	11,238
South Carolina	1,400	1,896	1,339	9,603	11,984	2,142	2,820	7,931	21,185	28,096
Georgia	945	915	930	18,238	24,468	7,997	10,162	9,171	24,471	32,729
Florida	34	117	136	4,443	5,666	1,820	2,235	355	711	870
South Atlantic	6,379	9,221	9,253	69,851	89,553	20,922	26,662	23,366	56,949	73,234
Kentucky	684	1,633	1,857	27,710	33,364	5,277	6,190	65	342	412
Tennessee	728	1,133	1,232	20,259	25,052	3,105	3,747	8,340	25,558	30,855
Alabama	216	427	385	18,722	21,114	3,352	3,635	14,353	35,073	42,650
Mississippi	131	430	476	11,343	13,006	1,422	1,589	17,232	84,433	106,801
Arkansas	80	840	1,178	2,222	2,750	130	198	9,809	60,044	71,350
Louisiana	20	395	373	2,141	2,553	249	304	5,490	26,221	33,305
Oklahoma	5,114	62,108	63,726	6,578	10,350	3,161	3,846	4,591	16,714	21,000
Texas	8,273	46,016	45,946	51,973	66,032	49,110	58,717	45,884	208,330	266,522
South Central	15,246	112,982	115,173	140,948	174,221	65,806	78,226	105,764	456,715	572,895
Montana	1,592	55,503	61,806	1,289	2,596	321	2,132			
Idaho	1,674	26,138	29,125	596	1,422	161	1,014			
Wyoming	215	2,974	3,244	359	568	155	273			
Colorado	3,720	28,519	29,206	7,122	11,710	6,594	8,205			
New Mexico	2,451	4,852	5,691	5,801	6,922	4,771	5,424	1,298	9,874	12,590
Arizona	253	791	831	964	2,028	645	1,298	5,705	31,158	37,843
Utah	382	3,866	4,312	489	860	89	369			
Nevada	77	307	366	17	37	3	7	56	232	316
Washington	790	44,250	47,124	685	1,383	140	496			
Oregon	1,019	15,988	15,859	625	1,375	69	591			
California	1,173	4,726	5,072	1,295	7,813	600	4,773	6,158	67,149	78,150
Western	13,346	187,914	202,636	19,242	36,714	13,548	24,582	13,217	108,413	128,899
United States	71,537	745,974	784,333	740,527	916,562	628,319	727,893	143,507	638,822	794,902

<sup>1</sup> \$500 or less.

Table 749.—Farm allotments: Number established, by crops and States, 1968 and 1969

State	Wheat		Cotton				Peanuts		Rice		Tobacco			
			Upland		Extra-long-staple						Flue-cured		Burley	
	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969	1968	1969
	<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>	<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>	<i>Thou-</i> <i>sands</i>	<i>Thou-</i> <i>sands</i>
New England States.....	0.2	0.2												
New York.....	32.5	32.5												
New Jersey.....	4.2	4.2												
Pennsylvania.....	72.0	72.0											(1)	
North Atlantic.....	108.9	108.9											(1)	
Ohio.....	133.1	133.1											10.1	10.0
Indiana.....	117.3	117.3											9.3	9.3
Illinois.....	129.5	129.5	0.1	0.1					(1)				(1)	(1)
Michigan.....	111.6	111.6												
Wisconsin.....	10.5	10.5												
Minnesota.....	63.2	63.2												
Iowa.....	12.9	12.9												
Missouri.....	123.8	123.8	12.7	12.6			(1)	(1)	0.1	0.1			1.5	1.5
North Dakota.....	68.4	68.4												
South Dakota.....	41.5	41.5												
Nebraska.....	74.5	74.5												
Kansas.....	142.6	142.6	(1)	(1)									.1	.1
North Central.....	1,028.9	1,028.9	12.8	12.7			(1)	(1)	.1	.1			21.0	20.9
Delaware.....	1.5	1.5												
Maryland.....	13.1	13.1												
Virginia.....	43.0	43.0	3.5	3.6			6.6	6.5			21.7	21.6	16.5	16.4
West Virginia.....	4.5	4.5											4.4	4.3
North Carolina.....	82.9	82.9	57.1	58.3			15.1	15.0	(1)	(1)	115.2	115.4	17.5	17.4
South Carolina.....	35.9	35.9	49.9	49.3			.9	.8	(1)	(1)	24.5	24.4	(1)	(1)
Georgia.....	20.7	20.7	52.5	51.3	(1)	(1)	26.4	26.0			25.7	25.7	.2	.2
Florida.....	1.3	1.3	4.3	4.2	(1)	(1)	4.8	4.7	(1)	(1)	7.0	7.0		
South Atlantic.....	202.9	202.9	167.3	166.7	(1)	(1)	53.8	53.0	(1)	(1)	194.1	194.1	38.6	38.3

Kentucky.....	23.2	23.2	.5	.5									136.3	135.6
Tennessee.....	29.7	29.7	44.1	43.2			.1	.1	(1)	(1)			88.8	88.0
Alabama.....	7.0	7.0	80.8	80.1			14.4	14.1			.3	.3	(1)	(1)
Mississippi.....	3.2	3.2	62.6	63.5			.1	.1	.3	.2				
Arkansas.....	14.2	14.2	36.0	35.7			.1	.1	4.6	4.5			.1	.1
Louisiana.....	1.3	1.3	22.1	22.3			(1)	(1)	5.1	4.9				
Oklahoma.....	74.9	74.9	27.5	26.9			7.5	7.3	(1)	(1)				
Texas.....	68.0	68.0	129.9	128.0	1.2	1.2	12.0	11.7	2.0	2.0				
South Central.....	221.5	221.5	403.5	400.2	1.2	1.2	34.2	33.4	12.0	11.6	.3	.3	225.2	223.7
Montana.....	22.7	22.7												
Idaho.....	26.7	26.7												
Wyoming.....	3.3	3.3												
Colorado.....	21.6	21.6												
New Mexico.....	4.6	4.6	4.6	4.5	1.3	1.3	(1)	(1)	.4	.4				
Arizona.....	1.1	1.1	2.3	2.7	1.3	1.3	(1)	(1)						
Utah.....	10.6	10.6												
Nevada.....	.5	.5												
Washington.....	16.6	16.6												
Oregon.....	15.3	15.3												
California.....	6.3	6.3	8.8	8.6	.1	.1	(1)	(1)	1.4	1.3				
Western.....	129.3	129.3	15.7	15.8	2.7	2.7	.4	.4	1.4	1.3				
United States.....	1,691.5	1,691.5	599.3	595.4	3.9	3.9	88.4	86.8	13.5	13.0	194.4	194.4	284.8	282.9

<sup>1</sup> Less than 50 allotments. Agricultural Stabilization and Conservation Service.

Table 750.—Acreage allotments: Acreage, by crops, United States, 1954-70 <sup>1</sup>

Crop year	Wheat <sup>2</sup>	Corn (commercial area) <sup>3</sup>	Cotton <sup>4</sup>		Peanuts <sup>4</sup>	Rice <sup>4</sup>	Tobacco	
			Upland	Extra-long-staple			Flue-cured <sup>5</sup>	Burley <sup>5</sup>
	<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>
1954.....	62,000	46,996	21,379	41	1,610	.....	1,053	399
1955.....	55,000	49,843	18,113	46	1,731	.....	1,007	309
1956.....	55,000	<sup>6</sup> 42,281	17,391	45	1,650	.....	888	309
1957.....	55,000	37,289	17,585	89	1,611	.....	1,653	711
1958.....	55,000	38,818	17,555	83	1,612	.....	1,653	712
1959.....	55,000	( <sup>7</sup> )	17,330	71	1,612	.....	1,653	713
1960.....	55,000	.....	17,525	65	1,612	.....	1,653	713
1961.....	55,000	.....	18,458	64	1,612	.....	1,653	714
1962.....	55,000	.....	18,102	100	1,613	.....	1,818	745
1963.....	55,000	.....	16,250	150	1,612	.....	1,818	708
1964.....	<sup>8</sup> 49,500	.....	16,200	112	1,613	.....	1,818	638
1965.....	49,500	.....	16,200	78	1,613	.....	1,819	607
1966.....	47,800	.....	16,200	81	1,613	.....	2,001	607
1967.....	68,195	.....	16,200	70	1,613	.....	2,001	607
1968.....	59,300	.....	16,200	70	1,613	.....	2,401	608
1969.....	51,600	.....	16,200	80	1,612	.....	2,161	608
1970.....	45,500	.....	17,150	78	1,613	.....	1,836	578

<sup>1</sup> National acreage allotments proclaimed by the Secretary of Agriculture under the Agricultural Adjustment Act of 1938, as amended. In most years, allotments were accompanied by marketing quotas.

<sup>2</sup> Excludes increases in allotments granted under special legislation, as for durum for years 1954-57 and 1962, and for small wheat farms, 1964-66.

<sup>3</sup> The commercial corn area included the following number of counties: 1954, 834; 1955, 805; 1956, 840; 1957, 894; and 1958, 932.

<sup>4</sup> Adjusted in certain years to include increases granted under special legislation.

<sup>5</sup> Totals of individual allotments. Beginning 1966, flue-cured allotments shown are before adjustments for undermarketings and overmarketings the previous year. Allotments are also proclaimed for types other than flue-cured and burley.

<sup>6</sup> Suspended and replaced by 51-million-acre base acreage.

<sup>7</sup> Corn allotments abolished after referendum held Nov. 25, 1958.

<sup>8</sup> Marketing quotas voted out for 1964 and have not been in effect in succeeding years.

Agricultural Stabilization and Conservation Service. Data for 1938-53 in *Agricultural Statistics, 1967*, table 762.

Table 751.—Farm allotments: Number established, by crops, United States, 1954-70

Crop year	Wheat	Corn (commercial area)	Cotton		Peanuts	Rice	Tobacco	
			Upland	Extra-long-staple			Flue-cured	Burley
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1954.....	1,496	1,668	1,003	6	130	.....	214	317
1955.....	1,525	1,616	981	6	119	.....	213	307
1956.....	1,554	1,687	963	5	119	.....	211	301
1957.....	1,570	1,767	953	5	116	.....	211	301
1958.....	1,710	1,832	957	5	117	.....	209	302
1959.....	1,707	.....	950	5	118	.....	207	303
1960.....	1,710	.....	946	5	116	.....	205	302
1961.....	1,670	.....	931	5	111	.....	203	301
1962.....	1,646	.....	896	5	106	.....	202	301
1963.....	1,654	.....	775	4	98	.....	201	300
1964.....	1,728	.....	708	4	94	.....	198	299
1965.....	1,715	.....	677	4	92	.....	193	295
1966.....	1,703	.....	658	4	90	.....	192	295
1967.....	1,692	.....	618	4	89	.....	194	288
1968.....	1,692	.....	599	4	88	.....	194	285
1969.....	1,692	.....	595	4	87	.....	194	283
1970 <sup>1</sup> .....	1,692	.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.....	( <sup>2</sup> )	282

<sup>1</sup> Preliminary.

<sup>2</sup> Not available.

Agricultural Stabilization and Conservation Service. Data for 1938-53 in *Agricultural Statistics, 1967*, table 764.



Table 752.—Conservation Reserve: Status of the Program, by States, as of Jan. 1, 1970

State	Contracts in effect as of Jan. 1, 1970 <sup>1</sup>	Acreage under contract as of Jan. 1, 1970 <sup>2</sup>	Acreage to be released as of Dec. 31		
			1970	1971	1972
	<i>Number</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
Maine.....	374	10,006	6,135	3,871	
New Hampshire.....	58	1,558	1,459	99	
Vermont.....	216	6,696	6,621	75	
Massachusetts.....	3	41	14	27	
Rhode Island.....					
Connecticut.....	2	4	4		
New York.....	466	17,621	15,980	1,485	156
New Jersey.....					
Pennsylvania.....	16	386	386		
North Atlantic.....	1,135	36,312	30,599	5,557	156
Ohio.....	7	102	102		
Indiana.....	2	69	69		
Illinois.....	4	412	254	158	
Michigan.....	10	478	478		
Wisconsin.....	73	1,991	1,798	171	22
Minnesota.....	318	15,545	13,931	1,364	250
Iowa.....	1	158	158		
Missouri.....	2	399	123		276
North Dakota.....					
South Dakota.....					
Nebraska.....					
Kansas.....					
North Central.....	417	19,154	16,913	1,693	548
Delaware.....					
Maryland.....					
Virginia.....					
West Virginia.....	1	26	26		
North Carolina.....					
South Carolina.....	377	16,473	16,473		
Georgia.....	1	300	300		
Florida.....					
South Atlantic.....	379	16,799	16,799		
Kentucky.....					
Tennessee.....					
Alabama.....	10	995	927	68	
Mississippi.....	12	1,597	1,433	164	
Arkansas.....					
Louisiana.....					
Oklahoma.....					
Texas.....					
South Central.....	22	2,592	2,360	232	
Montana.....	1	46	46		
Idaho.....					
Wyoming.....					
Colorado.....					
New Mexico.....					
Arizona.....					
Utah.....					
Nevada.....					
Washington.....	1	49	49		
Oregon.....	2	37	25	12	
California.....					
Western.....	4	132	120	12	
United States.....	1,957	74,989	66,791	7,494	704

<sup>1</sup> Net number of farms with contracts.

<sup>2</sup> Adjusted to Jan. 1, 1970, for expirations, terminations, and releases.

Table 753.—Fruit, vegetable, and tree nut marketing agreement and order programs, in effect during fiscal year 1970

Orders	Estimated number of commercial producers	Farm values
	<i>Number</i>	<i>1,000 dollars</i>
<b>Citrus fruits:</b>		
California and Arizona Navel and miscellaneous oranges.....	4,600	57,018
California and Arizona Valencia oranges.....	4,700	43,792
California and Arizona Desert grapefruit.....	600	11,640
California and Arizona lemons.....	2,350	89,208
Florida oranges, grapefruit, tangerines, and tangelos.....	15,500	376,034
Florida Indian River grapefruit.....	1,600	(1)
Florida Interior grapefruit.....	7,000	(1)
Florida limes.....	500	3,045
Texas oranges and grapefruit.....	4,000	20,934
<b>Deciduous fruits:</b>		
California Bartlett pears, plums, and Elberta-type peaches.....	8,220	63,759
California nectarines.....	1,250	9,240
California olives.....	1,500	21,560
California Tokay grapes.....	1,200	12,129
Colorado peaches.....	800	2,394
Florida avocados.....	600	3,629
Georgia peaches.....	350	12,299
Idaho and Oregon prunes.....	250	1,942
Utah peaches.....	1,000	834
Washington apricots.....	1,000	610
Washington sweet cherries.....	1,000	8,092
Washington peaches.....	1,500	494
Washington, Oregon, and California winter pears.....	1,800	14,066
Washington and Oregon Bartlett pears.....	2,000	15,420
Washington and Oregon prunes.....	1,000	3,835
Cranberries.....	1,300	29,717
<b>Dried fruits:</b>		
California dates.....	160	2,528
California dried prunes.....	4,200	39,130
California raisins.....	4,600	63,756
<b>Vegetables:</b>		
Florida celery.....	49	23,946
Florida tomatoes.....	435	64,359
Idaho and eastern Oregon onions.....	295	15,556
Texas lettuce.....	146	4,788
South Texas onions.....	342	17,989
Texas tomatoes.....	300	2,085
<b>Potatoes:</b>		
Colorado.....	812	23,286
Idaho and eastern Oregon.....	3,817	143,263
Maine.....	2,148	77,220
New England, except Maine.....	748	11,000
Oregon and Northern California.....	850	25,026
Southeastern States (Virginia-North Carolina).....	1,400	12,578
Washington.....	704	49,786
<b>Nuts:</b>		
California almonds.....	6,954	72,834
Oregon, Washington, and California walnuts.....	9,000	52,296
Oregon and Washington filberts.....	1,639	4,088
Peanuts <sup>2</sup> .....	86,860	311,451
Washington, Oregon, Idaho, and California hops <sup>3</sup> .....	237	21,305
Total (46 orders).....		1,839,961

<sup>1</sup> Included under Florida grapefruit above.

<sup>2</sup> Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.

<sup>3</sup> Marketing order only.

Consumer and Marketing Service.

## CHAPTER XII

# AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include acres of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

**Table 754.—Agricultural Conservation Program: Assistance to farmers for carrying out conservation practices, United States and Caribbean area, by program years, 1954–69**

Program year	Regular program <sup>1</sup>	Supplemental (emergency practices)	Total <sup>1</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954.....	139,275	7,576	146,951
1955.....	187,267	5,338	192,605
1956.....	214,337	7,696	222,033
1957.....	215,111	1,040	216,151
1958.....	215,868	4,028	219,896
1959.....	209,123	1,176	210,299
1960.....	213,187	302	213,489
1961.....	229,971	8,921	238,892
1962.....	218,951	2,061	221,012
1963.....	214,254	4,352	218,606
1964.....	215,067	6,837	221,904
1965.....	217,169	14,291	231,460
1966.....	211,125	6,680	217,805
1967.....	222,170	4,263	226,433
1968.....	200,252	9,296	209,547
1969.....	185,945	7,341	193,285

<sup>1</sup> Includes assistance under the Naval Stores Conservation Program. Excludes administrative expenses. Totals from unrounded data.

Agricultural Stabilization and Conservation Service. Data for 1936-53 in *Agricultural Statistics, 1967*, table 766.

**Table 755.—Agricultural Conservation Program: Number of participating farms and assistance, by States and Caribbean area, 1969 program year**

State or Territory and division	Participating farms <sup>1</sup>	Acreage served <sup>2</sup>	Assistance				Emergency conservation measures	
			Regular ACP	Supplemental (emergency practices)	Naval stores	Total gross assistance	Participating farms	Acreage served
Maine.....	4,180	80	931	5		936	6	
New Hampshire.....	1,714	29	457			457		
Vermont.....	4,603	126	1,003			1,003		
Massachusetts.....	1,832	33	478			478		
Rhode Island.....	383	7	59			59		
Connecticut.....	2,061	52	399			399		
New York.....	19,087	533	4,713			4,713		
New Jersey.....	2,760	142	616			616		
Pennsylvania.....	13,387	333	4,287			4,287		
North Atlantic.....	50,007	1,335	12,943	5		12,948	6	

See footnotes at end of table.

## 546 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

Table 755.—Agricultural Conservation Program: Number of participating farms and assistance, by States and Caribbean area, 1969 program year—Continued

State or Territory and division	Participating farms <sup>1</sup>	Acreage served <sup>2</sup>	Assistance				Emergency conservation measures	
			Regular ACP	Supplemental (emergency practices)	Naval stores	Total gross assistance	Participating farms	Acreage served
	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 acres
Ohio.....	23,398	506	5,015	186		5,201	455	10
Indiana.....	23,015	654	4,241	76		4,317	150	13
Illinois.....	24,644	902	7,135	38		7,173	67	20
Michigan.....	18,163	509	3,832			3,832		
Wisconsin.....	17,097	455	5,111	40		5,151	158	5
Minnesota.....	19,746	895	5,050			5,050		
Iowa.....	44,451	1,012	7,983	232		8,225	850	23
Missouri.....	51,534	987	7,809			7,809		
North Dakota.....	27,868	3,050	4,883			4,883		
South Dakota.....	19,485	1,678	3,827	203		4,030	793	88
Nebraska.....	14,498	1,419	4,735	77		4,812	234	11
Kansas.....	16,926	1,032	6,209	15		6,224	87	1
North Central.....	301,825	13,099	65,840	887		66,707	2,794	171
Delaware.....	1,233	79	280			280		
Maryland.....	5,684	209	1,178			1,178		
Virginia.....	38,132	688	4,159			4,159		
West Virginia.....	15,385	168	1,601	11		1,612	17	( <sup>3</sup> )
North Carolina.....	76,198	825	6,312			6,312		
South Carolina.....	14,610	517	3,131			3,131		
Georgia.....	29,010	620	6,119	152	289	6,500	154	8
Florida.....	11,104	521	3,246	23	46	3,315	23	2
South Atlantic.....	191,356	3,627	26,026	186	335	26,547	194	10
Kentucky.....	35,035	633	6,009	173		6,182	612	13
Tennessee.....	44,741	695	4,914	203		5,117	528	16
Alabama.....	22,632	612	5,196	83	18	5,297	208	6
Mississippi.....	39,732	963	6,003	329	14	6,346	1,056	39
Arkansas.....	26,741	780	4,412	13		4,425	18	1
Louisiana.....	16,642	699	4,247			4,247		
Oklahoma.....	21,637	1,062	5,209	237		5,446	877	55
Texas.....	67,618	6,909	17,720	1,426		19,146	1,801	264
South Central.....	268,778	12,353	53,710	2,464	32	56,206	5,100	394
Montana.....	6,643	2,884	4,142	150		4,292	236	55
Idaho.....	7,085	766	1,990	60		2,050	117	20
Wyoming.....	3,683	817	1,802	235		2,037	389	53
Colorado.....	7,553	1,434	3,174	12		3,186	4	1
New Mexico.....	3,792	1,367	2,251	9		2,260	236	2
Arizona.....	1,419	627	1,540	40		1,580	17	4
Utah.....	5,147	564	1,284	47		1,331	61	( <sup>3</sup> )
Nevada.....	754	143	577	127		704	88	5
Washington.....	6,874	862	2,498			2,498		
Oregon.....	5,051	591	2,394	13		2,407	96	4
California.....	8,372	976	4,399	3,100		7,499	2,752	292
Western.....	56,373	11,031	26,051	3,793		29,844	3,996	436
United States.....	868,339		184,570	7,315	367	192,252	12,090	1,011
Alaska.....	107	8	65			65		
Hawaii.....	214	23	133	26		159	12	1
Puerto Rico.....	11,567	95	797			797		
Virgin Islands.....	13	1	12			12		
Insular.....	11,901	127	1,007	26		1,033	12	1
Total.....	880,240	41,572	185,577	7,341	367	193,285	12,102	1,012

<sup>1</sup> Includes data for the Naval Stores Conservation Program and supplemental (emergency) practices.<sup>2</sup> Includes emergency conservation measures.<sup>3</sup> Less than 500 acres.

Agricultural Stabilization and Conservation Service.

Table 756.—Agricultural Conservation Program: Selected conservation practices performed, by States and Caribbean area, 1969 program

State or Territory and division	Establishing sod waterways (acreage served)	Standard terraces (acreage served)	Diversion and spreader terraces (acreage served)	Establishing permanent cover	Improving established permanent cover	Establishing temporary protective cover	Tree planting	Timber stand improvement
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Maine.....	(1)		1	34	27	3	1	1
New Hampshire.....	(1)		(1)	5	6	3	(1)	7
Vermont.....	(1)		(1)	23	79	(1)	1	5
Massachusetts.....	(1)		(1)	4	9	15	(1)	3
Rhode Island.....	(1)	(1)	(1)	(1)	8	5	(1)	(1)
Connecticut.....	(1)	(1)	(1)	3	8	25	1	1
New York.....	2			82	108	70	9	10
New Jersey.....	(1)	(1)	(1)	13		93	(1)	1
Pennsylvania.....	4	1	6	110	86	28	3	4
Ohio.....	13	(1)	1	31	28	173	2	2
Indiana.....	18	1	1	31	13	351	2	3
Illinois.....	194	4	7	48	22	142	1	3
Michigan.....	3		(1)	92	12	234	6	3
Wisconsin.....	30	1	3	165	38	42	11	8
Minnesota.....	21	2	4	106	(1)	71	6	1
Iowa.....	124	27	8	77	9	315	1	(1)
Missouri.....	38	28	9	400	75	103	1	7
North Dakota.....	31	(1)	6	109	3	513	6	(1)
South Dakota.....	12	11	8	279	6	153	5	(1)
Nebraska.....	88	87	13	85	17	29	2	(1)
Kansas.....	170	234	8	57	70	3	(1)	(1)
Delaware.....				1	1	70	(1)	(1)
Maryland.....	1	(1)	1	10	26	108	3	1
Virginia.....	2	(1)	(1)	31	210	205	17	2
West Virginia.....	(1)		(1)	6	91	2	1	7
North Carolina.....	3	(1)	(1)	89	148	504	10	1
South Carolina.....	3	4		97	124	206	9	18
Georgia.....	6	6	(1)	137	53	271	8	29
Florida.....	2	3	(1)	104	135	189	6	4
Kentucky.....	10	(1)		226	208	27	3	1
Tennessee.....	7	(1)	3	317	82	134	3	1
Alabama.....	12	20	2	119	125	212	8	3
Mississippi.....	(1)	(1)	3	62	375	296	5	4
Arkansas.....		(1)	1	85	99	310	3	7
Louisiana.....		(1)		66	108	287	6	6
Oklahoma.....	115	74	21	162	77	111	(1)	(1)
Texas.....	69	99	19	412	930	433	1	1
Montana.....	9	(1)	9	89	382	2	1	2
Idaho.....	5	3	10	31	6	20	(1)	1
Wyoming.....	(1)	(1)	5	25	11	1	(1)	(1)
Colorado.....	1	6	10	23	26	(1)	(1)	(1)
New Mexico.....		1	15	2	8		(1)	1
Arizona.....		(1)	14	1	7			
Utah.....	(1)	2	2	6	29		(1)	(1)
Nevada.....			(1)	2	8		(1)	(1)
Washington.....	10	1	6	55	63	22	1	3
Oregon.....	1		11	30	55	11	1	2
California.....	(1)		1	23	23	1	1	1
Alaska.....	(1)			(1)	(1)			
Hawaii.....	(1)	(1)	1	2			1	(1)
Puerto Rico.....	(1)		(1)	3	9		(1)	
Virgin Islands.....		(1)		(1)			(1)	
Total.....	1,005	615	212	3,970	4,036	5,793	146	154

See footnotes at end of table.

548 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

Table 756.—Agricultural Conservation Program: Selected conservation practices performed, by States and Caribbean area, 1969 program—Continued

State or Territory and division	Leveling irrigable land to control erosion and conserve water	Lining irrigation ditches (acreage served)	Drainage to permit conservation farming (acreage served)	Control of shrubs on range or pasture	Wells and springs for live-stock water	Dams or reservoirs for erosion control, livestock, or irrigation	Wildlife ponds	Establishing shallow water areas for wildlife
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Number	Number	Number	Number
Maine			1			54	41	
New Hampshire			( <sup>1</sup> )		5	46	82	2
Vermont			3		9	43	42	
Massachusetts	( <sup>1</sup> )		( <sup>1</sup> )	( <sup>1</sup> )		18	25	1
Rhode Island			( <sup>1</sup> )			4	8	
Connecticut			( <sup>1</sup> )		2	13	59	10
New York			23		11	340	380	48
New Jersey			3		1	92	17	
Pennsylvania			22		477	229	172	4
Ohio			69		5	803	411	163
Indiana			106		5	192	420	214
Illinois			1			88	1,176	204
Michigan			42		1	128	327	129
Wisconsin			50	( <sup>1</sup> )	40	263	280	179
Minnesota			103			1,109	49	1,181
Iowa			74	10	819	1,776	39	6
Missouri	6		60			995	80	
North Dakota	1	( <sup>1</sup> )	31	6	355	1,422	426	179
South Dakota	1			4	469	2,646	106	17
Nebraska	20	3	9	28	900	1,903	40	4
Kansas	31		12	71	323	1,621	27	1
Delaware			1			18	7	1
Maryland			6		32	122	94	39
Virginia			5	5	128	324	84	
West Virginia			1	1	167	169	64	
North Carolina			34	1	7	398		
South Carolina	( <sup>1</sup> )		38		44	350	220	11
Georgia			14	1	877	606	258	8
Florida	( <sup>1</sup> )		12	4	177	110	245	11
Kentucky			26	9	513	1,308	19	
Tennessee			7	3	59	2,358	27	
Alabama			18		228	1,407	207	
Mississippi	1		80		17	1,868	220	1
Arkansas	3		71	6	48	2,245	56	3
Louisiana	41		101	( <sup>1</sup> )	152	463	7	10
Oklahoma	4	2	5	109	683	2,209	3	
Texas	39	8	26	1,144	1,005	9,581		
Montana	10	17	15	23	579	477	27	9
Idaho	11	38	8	48	146	118	5	
Wyoming	4	23	6	97	274	145	6	1
Colorado	12	77	9	42	485	604	33	1
New Mexico	5	23	( <sup>1</sup> )	50	189	390	20	
Arizona	9	51		30	53	71	6	
Utah	6	98	4	15	60	190	3	4
Nevada	4	7	1	12	8	16		1
Washington	2	10	9	9	97	158	37	9
Oregon	5	8	16	151	93	260	37	7
California	51	56	28	18	145	174	33	62
Alaska			( <sup>1</sup> )	( <sup>1</sup> )	1			
Hawaii	( <sup>1</sup> )	( <sup>1</sup> )		4	1	49		
Puerto Rico	( <sup>1</sup> )		( <sup>1</sup> )		120	33	2	
Virgin Islands					2			
Total	266	434	1,150	1,912	10,888	40,930	4,501	1,949

<sup>1</sup> 500 acres or less.

Agricultural Stabilization and Conservation Service.

**Table 757.—Agricultural Conservation Program: Selected conservation practices performed, United States and Caribbean area, annual 1960-69, and total 1936-69**

Practice	Unit	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	Total 1936-69
Constructing standard terraces (acreage served).....	1,000 acres . . .	703	689	694	651	594	738	708	573	608	615	31,312
Establishing sod waterways.....	do. . . . .	43	45	43	42	37	43	62	57	40	37	1,087
Stubble mulching.....	do. . . . .	6,984	7,520	5,741	5,079	2,603	3,214	3,352	3,017	2,706	1,725	125,882
Field stripcropping.....	do. . . . .	288	298	225	198	260	210	159	152	213	215	106,723
Contour stripcropping.....	do. . . . .	168	169	144	157	156	140	132	113	88	79	6,974
Control of shrubs on range or pasture.....	do. . . . .	1,921	2,209	1,978	1,963	1,669	1,821	1,879	2,064	1,911	1,912	59,574
Tillage operations on range or pasture.....	do. . . . .	121	171	140	132	135	154	109	158	119	69	5,171
Leveling irrigable land to control erosion and conserve water.....	do. . . . .	317	341	352	313	340	360	285	294	275	266	9,983
Drainage to permit a system of conservation farming (acreage served).....	do. . . . .	1,658	1,520	1,483	1,302	1,177	1,283	822	1,221	1,110	1,150	51,218
Establishing permanent vegetative cover.....	do. . . . .	2,517	2,834	2,809	2,775	3,373	5,064	4,816	5,358	4,187	3,970	48,821
Establishing additional acreages of cover in crop rotations.....	do. . . . .	1,160	1,376	1,059	801	673	2,554	2,063	1,471	1,187	963	259,708
Seeding annual cover and green manure crops.....	do. . . . .	6,005	9,976	7,234	6,055	5,880	7,651	6,783	6,553	6,370	5,793	484,417
Improving established vegetative cover.....	do. . . . .	1,870	1,954	1,923	2,002	2,274	5,606	5,260	5,381	4,210	4,036	122,120
Planting trees or shrubs.....	do. . . . .	358	336	283	224	205	201	200	191	163	146	4,939
Improving a stand of timber.....	do. . . . .	256	256	213	183	158	217	174	220	169	154	4,085
Establishing wildlife food plots or habitat.....	do. . . . .			10	8	9	51	133	158	89	24	482
Constructing reservoirs for erosion control, livestock, or irrigation.....	Number.....	51,946	49,768	47,448	54,268	60,489	48,766	47,663	49,446	36,551	40,930	2,090,341
Constructing wildlife ponds.....	do. . . . .			1,119	2,522	3,327	3,733	6,362	7,279	5,619	4,501	34,462
Installing wells for livestock water.....	do. . . . .	9,976	12,633	8,506	9,813	9,790	8,075	8,590	9,670	8,506	7,725	265,796
Developing springs for livestock water.....	do. . . . .	3,056	3,947	2,727	3,293	3,711	2,978	3,736	4,144	3,539	3,163	103,845
Mechanical protection of outlets, inlets, or water channels.....	do. . . . .	10,920	14,095	16,378	15,005	14,197	10,773	10,805	10,313	11,666	10,221	163,739
Stream or shore protection.....	Project.....	2,266	2,365	1,840	1,883	2,014	3,649	3,450	2,725	2,062	2,415	37,779

<sup>1</sup> Number of farms.

Agricultural Stabilization and Conservation Service. Data for 1949-59 in *Agri-*

*cultural Statistics, 1967*, table 771. Includes data with respect to emergency conservation measures (supplemental) where applicable.

550 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

Table 758.—Soil conservation districts: State and Territorial appropriations for district programs, year ending June 30, 1970

State or Territory and division	Actual appropriations	State or Territory and division	Actual appropriations
	<i>Dollars</i>		<i>Dollars</i>
Maine.....	108,131	Florida.....	190,000
New Hampshire.....	127,800	South Atlantic.....	2,944,408
Vermont.....	123,557	Kentucky.....	329,990
Massachusetts.....	994,549	Tennessee.....	85,000
Rhode Island.....	5,000	Alabama.....	156,400
Connecticut.....	391,920	Mississippi.....	253,500
New York.....	2,956,998	Arkansas.....	570,196
New Jersey.....	1,598,000	Louisiana.....	634,979
Pennsylvania.....	1,404,267	Oklahoma.....	990,070
North Atlantic.....	7,710,222	Texas.....	640,247
Ohio.....	1,774,883	South Central.....	3,660,382
Indiana.....	800,560	Montana.....	274,400
Illinois.....	405,200	Idaho.....	311,085
Michigan.....	202,502	Wyoming.....	70,750
Wisconsin.....	383,500	Colorado.....	131,894
Minnesota.....	329,807	New Mexico.....	256,174
Iowa.....	953,930	Arizona.....	15,000
Missouri.....	166,064	Utah.....	790,607
North Dakota.....	237,853	Nevada.....	8,099
South Dakota.....	159,856	Washington.....	140,163
Nebraska.....	981,102	Oregon.....	199,947
Kansas.....	418,676	California.....	6,863,010
North Central.....	6,813,933	Western.....	9,061,129
Delaware.....	377,550	Alaska.....	2,000
Maryland.....	262,845	Hawaii.....	57,800
Virginia.....	261,585	Caribbean <sup>1</sup> .....	660,102
West Virginia.....	857,065	Total.....	30,909,976
North Carolina.....	284,533		
South Carolina.....	301,282		
Georgia.....	409,548		

<sup>1</sup> Puerto Rico and Virgin Islands.  
Soil Conservation Service.

Table 759.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories 1954-69

Year <sup>1</sup>	Number districts organized <sup>2</sup>		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
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1954 <sup>3</sup> .....	69	2,618	37,507	1,441,496	17,023	952,622
1955 <sup>3</sup> .....	56	2,674	43,478	1,484,974	22,323	974,945
1956 <sup>3</sup> .....	47	2,721	61,482	1,546,456	30,512	1,005,457
1957 <sup>4</sup> .....	49	2,770	50,535	1,596,991	14,620	<sup>5</sup> 1,020,077
1958 <sup>4</sup> .....	36	2,806	38,327	1,633,318	16,259	1,036,336
1959 <sup>6</sup> .....	55	2,861	26,550	1,661,968	17,317	1,053,653
1960.....	6	2,867	10,005	1,671,973	8,722	1,062,375
1961.....	33	2,900	17,632	1,689,605	-22,419	<sup>7</sup> 1,039,956
1962.....	29	2,929	16,174	1,705,779	4,759	1,044,715
1963.....	13	2,942	13,078	1,718,857	6,276	1,050,991
1964.....	29	2,971	20,351	1,739,208	8,562	1,059,553
1965.....	18	2,989	14,073	1,753,281	6,392	1,065,945
1966.....	6	2,995	15,711	1,768,992	8,212	1,074,157
1967.....	15	3,010	13,509	1,782,501	7,594	1,081,751
1968.....	2	3,012	15,971	1,798,472	-11,456	<sup>8</sup> 1,070,295
1969.....	5	3,017	8,066	1,806,538	5,596	1,075,891

<sup>1</sup> Fiscal year, July 1 to June 30.

<sup>2</sup> Totals at the end of each year are net, including corrections and adjustments made during the year.

<sup>3</sup> Includes wind erosion districts, grazing districts, and Imperial Irrigation District (California).

<sup>4</sup> Includes grazing districts and Imperial Irrigation District (California).

<sup>5</sup> Adjusted to the 1954 Census of Agriculture.

<sup>6</sup> Beginning 1959, includes grazing districts, Imperial Irrigation District (California), and Elephant Butte Irrigation District (New Mexico).

<sup>7</sup> Adjusted to the 1959 Census of Agriculture.

<sup>8</sup> Adjusted to the 1964 Census of Agriculture.

Soil Conservation Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 773.



Table 760.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memoranda of understanding with U.S. Department of Agriculture, cumulative to June 30, 1969

State or Territory and division	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and farms within organized districts			Districts having memoranda of understanding with USDA <sup>2</sup>
			Total area	Farms (and ranches)	Land in farms	
		Number	1,000 acres	Thousands	1,000 acres	Number
Maine.....	Mar. 25, 1941	16	17,539	13	2,589	16
New Hampshire.....	May 10, 1945	10	5,769	5	903	10
Vermont.....	Apr. 18, 1939	14	5,931	10	2,563	13
Massachusetts.....	June 28, 1945	15	5,000	8	902	15
Rhode Island.....	Apr. 26, 1943	3	677	1	104	3
Connecticut.....	July 18, 1945	8	3,135	6	721	8
New York.....	July 20, 1940	56	30,288	66	12,269	56
New Jersey.....	July 1, 1937	15	4,813	11	1,156	13
Pennsylvania.....	July 2, 1937	64	28,338	83	10,771	64
North Atlantic.....		201	101,490	203	31,978	198
Ohio.....	June 5, 1941	88	24,957	120	17,593	88
Indiana.....	Mar. 11, 1937	90	22,058	106	17,554	90
Illinois.....	July 9, 1937	98	33,441	133	29,948	98
Michigan.....	July 23, 1937	84	35,522	92	13,448	83
Wisconsin.....	July 1, 1937	72	35,011	119	20,378	72
Minnesota.....	Apr. 26, 1937	89	49,161	129	30,850	89
Iowa.....	July 4, 1939	100	34,467	149	33,758	100
Missouri.....	July 23, 1943	89	34,550	116	25,523	87
North Dakota.....	Mar. 16, 1937	66	44,452	49	42,717	65
South Dakota.....	July 1, 1937	70	47,843	49	44,263	70
Nebraska.....	May 18, 1937	86	49,032	80	47,793	86
Kansas.....	Apr. 10, 1937	105	52,511	92	50,271	105
North Central.....		1,037	463,005	1,234	374,096	1,033
Delaware.....	Apr. 2, 1943	3	1,266	4	717	3
Maryland.....	June 1, 1937	24	6,270	21	3,181	24
Virginia.....	Apr. 1, 1938	34	25,481	80	12,002	31
West Virginia.....	June 12, 1939	14	15,411	34	5,279	14
North Carolina.....	Mar. 22, 1937	88	30,236	148	14,382	85
South Carolina.....	Apr. 17, 1937	45	19,380	56	8,101	45
Georgia.....	Mar. 23, 1937	27	37,263	83	17,887	27
Florida.....	June 10, 1937	60	30,728	41	14,693	60
South Atlantic.....		295	166,035	467	76,242	289
Kentucky.....	June 11, 1940	121	25,069	133	16,265	121
Tennessee.....	Mar. 10, 1939	95	26,478	133	15,266	95
Alabama.....	Mar. 18, 1939	67	32,678	93	15,226	65
Mississippi.....	Apr. 4, 1938	74	30,223	109	17,752	74
Arkansas.....	July 1, 1937	76	33,599	80	16,565	76
Louisiana.....	July 27, 1938	29	29,597	62	10,353	25
Oklahoma.....	Apr. 15, 1937	87	44,180	89	36,078	87
Texas.....	Apr. 24, 1939	187	169,248	205	134,386	182
South Central.....		736	391,072	904	261,891	725
Montana <sup>3</sup> .....	Feb. 28, 1939	61	91,883	27	64,299	61
Idaho.....	Mar. 9, 1939	52	50,354	30	15,560	50
Wyoming.....	May 22, 1941	45	55,261	10	33,782	45
Colorado.....	May 5, 1937	94	59,538	34	39,336	94
New Mexico <sup>4</sup> .....	Mar. 17, 1937	52	69,302	21	59,217	52
Arizona.....	June 16, 1941	32	59,898	6	27,776	30
Utah.....	Mar. 23, 1937	41	51,217	16	12,138	40
Nevada.....	Mar. 30, 1937	36	69,102	4	11,479	36
Washington.....	Mar. 17, 1939	68	41,094	45	18,798	68
Oregon.....	Apr. 7, 1939	59	49,345	39	17,469	59
California <sup>5</sup> .....	June 26, 1938	163	73,036	97	27,065	160
Western.....		703	670,030	329	326,919	695
Alaska.....	Mar. 25, 1947	12	8,646	2	1,029	12
Hawaii.....	May 19, 1947	15	3,987	4	2,103	15
Puerto Rico.....	July 1, 1946	17	2,189	45	1,593	17
Virgin Islands.....	June 1, 1946	1	84	1	40	1
Total.....		3,017	1,806,538	3,189	1,075,891	2,985

<sup>1</sup> For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws. <sup>2</sup> Upon request, the U.S. Department of Agriculture enters into memoranda of understanding with districts for such assistance from the Departmental agencies as may be available. <sup>3</sup> Includes 3 State cooperative grazing districts. <sup>4</sup> Includes the Elephant Butte Irrigation District. <sup>5</sup> Includes the Imperial Irrigation District.

Soil Conservation Service.

552 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

Table 761.—Soil surveys: Total acreage mapped for conservation planning and other uses under all programs, by States and Territories, year ending June 30, 1969, and cumulative to June 30, 1969

State or Territory and division	Soil surveys for farm planning <sup>1</sup>		State or Territory and division	Soil surveys for farm planning <sup>1</sup>	
	Work during year ending June 30, 1969	Total to date		Work during year ending June 30, 1969	Total to date
	<i>Acres</i>	<i>Acres</i>		<i>Acres</i>	<i>Acres</i>
Maine	311,215	8,320,101	Kentucky	834,085	15,017,107
New Hampshire	147,119	2,220,966	Tennessee	499,698	15,485,707
Vermont	163,968	3,101,224	Alabama	516,809	13,983,424
Massachusetts	181,573	3,141,384	Mississippi	1,032,989	26,417,897
Rhode Island	32,258	346,672	Arkansas	1,737,022	17,375,308
Connecticut	123,334	2,027,803	Louisiana	670,757	8,679,696
New York	1,089,732	13,944,211	Oklahoma	1,066,237	36,927,165
New Jersey	204,631	3,246,649	Texas	6,544,267	98,374,258
Pennsylvania	1,394,572	18,740,409			
North Atlantic	3,657,402	55,089,419	South Central	12,901,864	232,280,562
Ohio	878,619	12,572,605	Montana	1,770,231	25,485,798
Indiana	661,888	12,384,864	Idaho	3,712,003	15,113,819
Illinois	668,896	13,984,767	Wyoming	683,204	7,876,164
Michigan	669,533	11,751,682	Colorado	1,747,518	23,235,081
Wisconsin	948,913	19,540,562	New Mexico	1,538,289	33,793,483
Minnesota	629,104	17,576,266	Arizona	308,307	13,608,351
Iowa	1,196,504	13,322,720	Utah	1,730,429	8,331,720
Missouri	1,020,385	13,745,380	Nevada	892,743	6,992,266
North Dakota	1,219,225	22,984,548	Washington	570,071	23,056,457
South Dakota	1,222,151	20,574,322	Oregon	699,950	15,991,283
Nebraska	1,768,111	25,328,068	California	1,116,475	40,098,942
Kansas	1,872,360	28,601,391	Western	14,769,220	213,583,364
North Central	12,755,689	212,367,175	Alaska	358,917	6,055,893
Delaware	46,545	1,222,704	Hawaii		4,042,880
Maryland	197,823	6,182,670	Caribbean <sup>2</sup>	158,093	1,729,251
Virginia	331,482	9,419,948	Total	48,840,202	804,465,471
West Virginia	327,572	9,246,630			
North Carolina	502,688	8,001,639			
South Carolina	597,727	10,003,792			
Georgia	1,614,915	24,773,275			
Florida	620,265	10,486,269			
South Atlantic	4,239,017	79,336,927			

<sup>1</sup> The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

<sup>2</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 762.—Soil conservation practices: <sup>1</sup> Newly applied in soil conservation districts with Soil Conservation Service assistance, years ending June 30, 1965-69

Practice	Unit	1965	1966	1967	1968	1969
Contour farming	Acres	4,525,330	4,111,646	4,329,378	4,025,983	3,837,962
Conservation cropping systems	do	21,844,577	21,876,363	23,567,663	23,493,803	24,332,136
Stripcropping systems	do	711,971	641,219	555,066	584,599	616,980
Seeding range and pasture	do	2,819,721	2,735,234	2,801,443	2,539,384	3,598,033
Tree planting	do	352,785	310,386	324,111	294,135	364,694
Pond construction	Number	56,104	51,935	58,846	51,853	46,487
Terracing	Miles	33,922	38,404	36,653	30,806	28,321
Diversion construction	do	2,298	3,358	3,202	2,819	2,370
Open drains	do	14,594	12,720	12,831	13,068	11,803
Tile drains	do	22,477	25,553	22,893	24,351	23,408
Irrigation land leveling	Acres	457,918	447,379	457,317	459,952	379,133
Irrigation water management	do	2,659,237	2,805,073	3,316,663	3,726,754	3,799,585

<sup>1</sup> Includes practices applied under all programs on which SCS provides technical assistance.

Soil Conservation Service.

Table 763.—Soil conservation practices: <sup>1</sup> Applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending June 30, 1969

State or Territory and division	Contour farming	Conservation cropping systems	Strip-cropping systems	Seeding range and pasture	Tree planting	Wildlife management
	Acres	Acres	Acres	Acres	Acres	Acres
Maine.....	9,669	6,739	1,563	2,478	895	3,141
New Hampshire.....	45	615	151	1,504	472	1,299
Vermont.....		8,872	97	8,363	986	2,730
Massachusetts.....	18	1,239	8	2,556	412	5,951
Rhode Island.....		520		167	98	480
Connecticut.....		156	31	438	366	607
New York.....	6,260	50,721	6,771	15,992	11,005	10,407
New Jersey.....	439	4,833	937	3,610	85	2,144
Pennsylvania.....	26,957	63,209	32,437	35,725	7,441	76,843
North Atlantic.....	43,388	136,904	41,995	70,833	21,760	103,242
Ohio.....	13,877	211,152	6,126	22,382	4,987	11,981
Indiana.....	8,359	245,087	2,160	37,248	4,013	19,926
Illinois.....	45,462	243,435	4,338	65,698	3,954	12,504
Michigan.....	3,112	155,284	5,185	28,513	15,305	48,175
Wisconsin.....	53,143	123,464	31,346	41,555	9,671	45,329
Minnesota.....	15,825	265,221	16,222	18,806	4,768	35,650
Iowa.....	111,735	384,352	12,546	59,348	1,491	10,363
Missouri.....	29,703	118,427		114,824	6,241	38,543
North Dakota.....	62	1,008,311	164,334	90,974	3,010	48,475
South Dakota.....	35,577	866,458	43,551	123,542	13,679	61,377
Nebraska.....	162,563	757,116	17,081	81,886	2,458	6,023
Kansas.....	639,490	1,409,057	9,923	78,768	635	19,407
North Central.....	1,119,108	5,787,364	312,890	763,494	70,212	349,653
Delaware.....		18,057		543	190	1,776
Maryland.....	2,434	32,597	3,081	3,644	1,613	4,064
Virginia.....	7,800	31,501	3,933	29,049	7,320	2,808
West Virginia.....	1,133	12,367	756	16,366	4,182	20,091
North Carolina.....	18,561	103,187	5,492	38,669	5,914	876
South Carolina.....	30,178	147,323	2,142	26,670	10,374	59,253
Georgia.....	98,375	262,254	668	101,004	66,363	102,287
Florida.....	6,936	49,744	65,350	88,545	40,348	58,187
South Atlantic.....	165,417	657,030	81,422	304,490	139,304	249,342
Kentucky.....	17,919	65,776	2,025	121,961	4,312	16,624
Tennessee.....	40,317	106,854	1,348	128,866	7,880	9,200
Alabama.....	285,606	572,272	123	103,131	48,779	85,679
Mississippi.....	192,432	1,591,635	1,089	135,354	24,329	327,817
Arkansas.....	22,933	2,712,380	7,763	170,866	9,565	203,461
Louisiana.....	10,122	1,017,692	524	64,160	12,511	190,882
Oklahoma.....	1,115,707	2,993,290	1,431	226,251	140	124,107
Texas.....	603,715	2,651,777	7,057	1,071,115	4,530	283,150
South Central.....	2,288,751	11,711,676	21,360	2,021,704	112,046	1,240,920
Montana.....	23,224	1,750,652	85,876	87,041	334	13,970
Idaho.....	51,312	559,143	1,658	30,639	2,467	220,947
Wyoming.....	1,651	152,022	6,804	43,348	78	94,670
Colorado.....	35,262	1,777,278	50,290	60,947	1,077	1,544,686
New Mexico.....	3,966	310,920		14,116	96	121,869
Arizona.....	30	197,299		11,686	3	8,112
Utah.....	12,339	266,357	11,143	29,405	2,607	127,088
Nevada.....		20,010		35,027	6	49,599
Washington.....	42,578	434,286	3,512	30,284	1,426	122,211
Oregon.....	28,741	332,733		33,432	5,990	65,243
California.....	8,539	226,658		29,814	1,197	50,039
Western.....	207,642	6,027,358	159,283	405,739	15,341	2,418,434
Alaska.....		33	25	52		
Hawaii.....	484	7,938	5	2,989	615	6,731
Caribbean <sup>2</sup> .....	13,172	3,833		28,732	5,416	
Total.....	3,837,962	24,332,136	616,980	3,598,033	364,694	4,368,322

See footnotes at end of table.

554 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

Table 763.—Soil conservation practices:<sup>1</sup> Applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending June 30, 1969—Continued

State or Territory and division	Drainage		Irrigation		Terracing	Diversion construction	Pond construction
	Open drains	Tile drains	Land leveling	Water management			
	Miles	Miles	Acres	Acres	Miles	Miles	Number
Maine	14	28		1,518		23	159
New Hampshire	4	9		1,002		1	165
Vermont	32	26		20		5	158
Massachusetts	10	5	6	714			76
Rhode Island	1	2					44
Connecticut	3	6		4		2	156
New York	155	617		40		78	967
New Jersey	27	35		165		6	108
Pennsylvania	43	475		400	40	127	562
North Atlantic	289	1,203	6	3,863	40	242	2,395
Ohio	426	4,879			1	27	944
Indiana	305	2,737		808	34	39	1,069
Illinois	317	1,137	8	6,193	118	75	1,268
Michigan	118	3,910		5,132	1	8	1,041
Wisconsin	508	558	143	3,040	26	58	808
Minnesota	565	1,645		2,815	86	35	1,250
Iowa	159	3,439	10	461	970	106	1,143
Missouri	476	84	16,776	12,595	600	158	1,386
North Dakota	757		1,740	3,806	12	36	2,135
South Dakota	9	4	1,721	17,049	391	20	3,037
Nebraska	159	26	54,675	176,112	4,088	142	1,729
Kansas	91	7	27,024	119,385	8,477	206	1,362
North Central	3,890	18,426	102,097	347,396	14,804	910	17,172
Delaware	32	3		4,806			19
Maryland	129	42		3,079		11	263
Virginia	116	189		595	5	4	701
West Virginia	2	62		5			387
North Carolina	653	684	3	183	93	17	279
South Carolina	628	248		1,421	374	9	635
Georgia	262	188		2,501	573	9	1,219
Florida	1,562	135	928	36,791	169	2	483
South Atlantic	3,384	1,551	931	49,381	1,214	56	3,986
Kentucky	140	466	2	65		35	1,712
Tennessee	150	30	13	33	29	47	3,864
Alabama	246			1,062	615	17	2,166
Mississippi	1,172	1	23,071	36,793	180	107	2,644
Arkansas	578		4,533	627,842	11	8	2,264
Louisiana	870		9,617	24,617	3		478
Oklahoma	63		6,002	88,150	2,707	259	2,443
Texas	457	55	38,778	395,133	7,921	242	4,430
South Central	3,676	552	82,016	1,173,695	11,470	715	19,991
Montana	137	6	10,726	64,661	4	24	619
Idaho	39	24	16,113	215,128	6	45	143
Wyoming	9	11	6,322	156,446	48	23	177
Colorado	21	16	26,804	961,198	683	99	514
New Mexico	2		6,088	131,809	16	23	239
Arizona	51		38,810	104,642	2	6	132
Utah	8	19	8,181	170,987	9	10	102
Nevada	7		6,375	13,394	3		13
Washington	102	95	4,284	109,881	14	67	270
Oregon	85	569	3,550	91,119	1	82	282
California	89	936	66,280	201,064	6	56	373
Western	550	1,676	193,533	2,220,329	792	435	2,864
Alaska				791			1
Hawaii	1		82	686	1	12	9
Caribbean <sup>2</sup>	13		468	3,444			69
Total	11,803	23,408	379,133	3,799,585	28,321	2,370	46,487

<sup>1</sup> 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.

<sup>2</sup> Puerto Rico and Virgin Islands.

**Table 764.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and acreage covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending June 30, 1969, and cumulative to June 30, 1969**

State or Territory and division	Progress, year ending June 30, 1969				Cumulative to June 30, 1969			
	New SCD cooperators		New conservation plans <sup>1</sup>		SCD cooperators		Conservation plans <sup>2</sup>	
	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Maine	823	120,886	491	69,619	11,355	2,605,441	8,353	1,746,320
New Hampshire	349	46,165	192	24,239	6,960	1,161,166	5,272	849,818
Vermont	544	123,962	605	100,339	12,335	2,604,779	7,684	1,612,993
Massachusetts	278	67,067	320	46,222	10,265	1,108,887	8,919	858,692
Rhode Island	78	7,305	60	5,689	1,470	151,123	1,290	126,232
Connecticut	208	15,187	110	5,324	4,788	538,653	3,079	342,267
New York	2,208	365,226	1,055	159,756	43,868	6,895,812	27,450	4,004,909
New Jersey	234	33,796	148	13,243	7,131	957,138	5,087	607,093
Pennsylvania	3,416	863,171	2,373	434,085	43,282	9,210,670	34,111	4,789,761
North Atlantic	8,138	1,642,765	5,354	858,516	141,454	25,233,669	101,245	14,938,085
Ohio	3,712	460,523	1,332	166,594	72,532	9,598,390	55,310	7,307,192
Indiana	3,590	514,785	2,804	356,777	55,025	8,282,942	36,617	5,320,405
Illinois	3,191	610,184	2,421	408,443	71,616	12,905,828	49,148	8,480,748
Michigan	3,605	447,006	2,706	320,451	55,995	7,764,166	40,380	5,297,125
Wisconsin	2,501	485,880	1,396	224,588	50,300	9,660,702	35,546	6,072,756
Minnesota	2,873	824,354	1,611	389,240	57,681	14,729,481	33,976	7,386,532
Iowa	4,003	844,009	3,444	671,859	91,516	17,378,358	67,100	12,494,914
Missouri	4,292	1,018,835	2,530	528,796	45,274	10,199,948	25,856	5,288,854
North Dakota	1,366	1,551,042	1,448	1,473,311	39,341	30,259,638	31,918	24,714,407
South Dakota	1,188	1,064,503	1,292	1,367,486	41,138	31,358,043	28,961	20,610,109
Nebraska	2,662	1,386,763	2,683	1,165,728	72,622	30,914,578	51,120	22,485,856
Kansas	3,297	1,216,336	3,666	1,351,487	93,641	31,999,897	81,111	26,763,016
North Central	36,280	10,424,220	27,333	8,424,760	746,681	215,051,971	537,043	152,221,914
Delaware	113	15,430	148	18,528	3,503	506,170	2,453	350,525
Maryland	987	134,564	946	91,813	18,307	2,778,872	12,986	1,793,036
Virginia	1,407	221,157	819	133,955	47,665	7,678,855	35,329	5,608,827
West Virginia	2,049	242,637	1,476	128,162	43,835	7,203,113	32,734	4,425,998
North Carolina	2,255	308,458	1,632	211,440	70,083	8,359,060	59,413	6,714,898
South Carolina	1,405	252,488	1,134	197,286	46,245	7,845,241	38,738	6,343,265
Georgia	3,312	612,865	3,150	558,688	106,641	20,394,584	98,026	17,765,610
Florida	1,498	682,998	1,353	481,858	26,304	12,430,014	22,593	7,513,074
South Atlantic	13,026	2,470,597	10,658	1,821,730	362,483	67,195,909	302,272	50,515,233
Kentucky	2,693	372,764	2,795	362,511	80,437	10,855,723	54,663	6,979,087
Tennessee	2,850	334,718	1,893	225,679	71,115	10,229,570	44,408	6,000,393
Alabama	2,281	480,880	1,979	404,877	53,800	10,696,968	48,180	9,232,911
Mississippi	3,388	731,638	2,704	553,915	78,701	14,787,079	64,539	12,358,846
Arkansas	3,870	826,486	4,149	880,383	92,973	19,464,626	87,659	18,010,061
Louisiana	1,553	568,508	1,386	260,544	52,688	11,908,670	42,322	8,853,035
Oklahoma	3,004	976,346	3,066	1,012,902	100,403	29,825,073	95,764	28,331,028
Texas	10,451	5,907,885	10,648	5,796,755	189,581	109,886,586	182,291	103,068,995
South Central	30,090	10,199,225	28,620	9,497,566	719,698	217,654,295	619,826	192,834,356
Montana	649	1,865,772	546	1,833,496	14,900	42,614,425	11,215	31,372,037
Idaho	893	440,497	658	336,602	21,836	10,323,513	12,308	5,890,739
Wyoming	387	2,034,852	364	1,071,020	6,239	19,821,361	5,258	14,988,210
Colorado	1,422	2,058,011	1,334	1,804,966	22,309	27,064,983	16,645	21,661,341
New Mexico	528	1,136,661	518	1,316,820	13,520	47,142,751	10,972	32,538,304
Arizona	400	1,227,624	357	657,978	5,603	14,446,616	4,300	8,911,864
Utah	415	1,260,492	458	818,613	13,050	12,084,292	11,132	8,883,225
Nevada	168	261,530	135	278,924	2,691	4,952,080	1,812	2,808,611
Washington	1,391	506,030	1,150	454,088	33,815	12,885,171	21,018	7,892,439
Oregon	1,122	620,966	845	552,793	20,702	12,052,605	12,974	7,128,973
California	1,978	577,598	1,423	486,808	44,302	15,898,234	34,071	10,663,639
Western	9,353	11,990,033	7,788	9,612,108	198,967	219,286,031	141,705	152,739,382
Alaska	65	259,174	34	5,762	751	480,695	389	107,665
Hawaii	113	37,355	85	5,186	1,985	3,326,130	1,402	1,579,149
Caribbean <sup>3</sup>	1,022	58,139	957	52,888	21,083	1,185,643	17,346	946,630
Total	98,087	37,081,508	80,829	30,278,516	2,193,102	749,414,343	1,721,228	565,882,414

<sup>1</sup> Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.

<sup>2</sup> Losses through cancellation, death, and change of ownership are deducted and net total at end of year shown.

<sup>3</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

556 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

Table 765.—Great Plains Conservation Program: Practices applied and cost-shares paid fiscal year 1969, and cumulative 1956-69

Practice	Amount applied			Cost-shares paid	
	Unit	1969	1956-69	1969	1956-69
<b>INITIAL APPLICATION</b>					
Establish permanent vegetative cover.....	Acres.....	158,769	1,534,000	<i>Dollars</i> 1,299,841	<i>Dollars</i> 12,536,966
Establish field stripcropping.....	do.....	114,863	640,624	122,715	807,058
Establish contour stripcropping.....	do.....	12,399	126,488	47,241	504,771
Establish contour farming.....	do.....		4,981		4,469
Reseeding rangeland.....	do.....	152,025	1,175,763	1,812,968	10,147,473
Establishment of windbreaks.....	do.....	3,025	25,685	187,680	1,378,687
Establish permanent sod waterways.....	do.....	3,500	26,450	337,313	2,668,419
Terrace construction.....	Miles.....	6,211	53,167	1,886,570	11,559,188
Diversion terraces, ditches, dikes.....	do.....	301	3,582	174,091	1,732,098
Furrowing, chiseling, ripping, etc.....	Acres.....	28,553	283,337	32,287	312,314
Dams for erosion control, detention.....	Number.....	2,025	17,580	346,787	3,150,672
Channel lining, chutes, drop spill.....	do.....	277	2,635	62,899	602,272
Streambank protection, etc.....	Linear ft.....	17,481	202,167	67,061	168,522
Spreader ditches, dikes.....	Acres.....	6,409	96,274	111,449	1,768,800
Reorganizing irrigation systems.....	Number.....	352	3,226	439,941	4,961,801
Leveling land.....	Acres.....	16,752	155,163	515,781	4,740,885
Dams, pits, or ponds for irrigation.....	Number.....	161	520	42,516	421,592
Lining irrigation ditches.....	Linear ft.....	122,706	1,385,162	129,041	1,178,885
Wells for livestock water.....	Number.....	1,496	13,023	858,499	6,899,816
Developing springs and seeps.....	do.....	184	1,528	38,943	305,679
Dams, pits, or ponds for vegetative cover.....	do.....	1,667	18,056	756,530	8,371,009
Pipelines for livestock water.....	Miles.....	632	3,410	726,574	3,415,049
Controlling competitive shrubs.....	Acres.....	391,556	3,830,119	1,124,730	9,927,884
Constructing permanent fences.....	Miles.....	1,188	8,739	438,259	2,779,575
Storage facility for livestock water.....	Number.....	2	3	578	743
Catchment basin.....	Number.....	3	3	9,856	9,856
<b>REAPPLICATION</b>					
Establish permanent vegetative cover.....	Acres.....	10,347	94,099	79,439	619,041
Establish contour stripcropping.....	do.....		25		116
Reseeding rangeland.....	do.....	5,372	42,061	53,008	348,284
Establishment of windbreaks.....	do.....	208	2,355	11,069	74,289
Establish permanent sod waterways.....	do.....	276	2,059	9,917	53,203
Terrace construction.....	Miles.....	92	402	14,975	60,958
Diversion terraces, ditches, dikes.....	do.....	3	7	501	2,893
Dams for erosion control, detention.....	Number.....	3	21	918	8,662
Channel lining, chutes, drop spill.....	do.....	3	11	258	1,526
Streambank protection, etc.....	Linear ft.....		600		7,761
Spreader ditches and dikes.....	Acres.....	144	2,593	1,305	17,576
Reorganizing irrigation systems.....	Number.....		1		2,500
Leveling land.....	Acres.....	38	477	1,439	8,807
Dams, pits, or ponds for irrigation.....	Number.....	1	5	22	2,268
Wells for livestock water.....	Number.....	1	35	600	16,883
Developing springs and seeps.....	do.....	1	6	267	1,509
Dams, pits, or ponds for vegetative cover.....	do.....	4	50	1,492	21,983
Pipelines for livestock water.....	Miles.....				75
Controlling competitive shrubs.....	Acres.....	7,497	41,473	13,452	78,057
Constructing permanent fences.....	Miles.....		1		109
<b>Total.....</b>				<b>11,758,807</b>	<b>91,680,998</b>

Soil Conservation Service.

Table 766.—Great Plains Conservation Program: <sup>1</sup> Contracts, acreage, and obligations, by States, fiscal year 1969, and cumulative 1956-69

State	Designated counties	Activities during—					
		1969			1956-69 cumulative		
		Contracts signed			Contracts signed		Cropland before contract
	Number	Number	1,000 acres	Number	1,000 acres	1,000 acres	1,000 acres
Colorado.....	36	330	741	2,539	7,570	778	210
Kansas.....	62	382	219	3,673	2,644	1,084	98
Montana.....	38	169	909	1,500	7,079	771	187
Nebraska.....	60	448	639	4,683	5,842	912	222
New Mexico.....	18	125	683	1,501	9,394	246	59
North Dakota.....	30	352	458	3,802	5,068	1,927	364
Oklahoma.....	30	648	372	3,970	3,449	763	109
South Dakota.....	39	234	601	1,743	5,183	728	235
Texas.....	99	746	814	10,819	13,532	2,314	468
Wyoming.....	12	50	381	432	2,479	75	22
Total.....	424	3,484	5,817	34,662	62,240	9,598	1,974

State	Cost-share obligations		Contracts completed through June 30, 1969	
	1969	1956-69	By number	By area
	1,000 dollars	1,000 dollars	Number	1,000 acres
Colorado.....	1,635	13,964	861	2,501
Kansas.....	1,126	9,810	1,665	1,235
Montana.....	1,140	8,352	592	2,570
Nebraska.....	1,414	14,195	1,868	2,229
New Mexico.....	828	8,813	508	2,441
North Dakota.....	1,085	8,093	1,566	1,951
Oklahoma.....	1,725	10,309	1,286	1,564
South Dakota.....	949	7,607	338	938
Texas.....	3,334	37,319	5,211	6,474
Wyoming.....	441	3,235	120	480
Total.....	13,677	121,697	14,015	22,383

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

Soil Conservation Service.

FOOTNOTES FOR TABLE 768

<sup>1</sup> Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Pottomac, Santa Ynez, and Yazoo.

<sup>2</sup> These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.

<sup>3</sup> Includes treatment of watersheds following fire or other disaster under the provisions of Section 216 of the Flood Control Act of 1950.

Forest Service.

**Table 767.—Watershed protection<sup>1</sup> and flood prevention projects:<sup>2</sup> Works of improvement installed with the assistance of the Soil Conservation Service in fiscal year 1969 with watershed protection and flood prevention funds**

Item	Unit	Pilot and P. L. 566 watersheds	
		Pilot and P. L. 566 watersheds	Flood prevention watersheds
<b>Projects in operation during year:</b>			
Pilot watersheds	Number	2	
P. L. 566 watersheds	do.	732	
Flood prevention watersheds	do.		10
<b>Works of improvement installed:</b>			
<b>Structural measures:</b>			
Floodwater retarding structures	do.	169	75
Grade stabilization structures	do.	633	513
Channel improvement	Miles	353	130
Levees and dikes	do.	30	2
Critical area planting	Acres	7,024	13,699
<b>Land treatment measures:</b>			
Contour farming	do.	106,714	181,940
Crop residue management	do.	640,655	495,198
Debris basins <sup>3</sup>	Number	13	355
Diversion construction	Miles	28	51
Pasture and hayland planting	Acres	90,996	125,613
Ponds	Number	468	125
Range seeding	Acres	1,930	3,734
Stripcropping	do.	4,985	313
Terracing	Miles	177	8
Tree planting	Acres	7,318	3,118
Waterway development	do.	46,530	303
Wildlife management	do.	122,349	71,081
Woodland improvement	do.	9,235	3,573
Structures for water control	Number	728	700

<sup>1</sup> As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) implemented by the watershed protection item in the Department of Agriculture Appropriation Act of 1954 and Watershed Protection and Flood Prevention Act (P. L. 566).

<sup>2</sup> All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1965, work in one watershed was completed.

<sup>3</sup> Includes some basins constructed as structural measures.

Soil Conservation Service.

**Table 768.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending June 30, 1968 and 1969, and cumulative to June 30, 1969<sup>1</sup>**

Practices and measures <sup>2</sup>	Unit	Total completed or acquired		
		During year ending June 30, 1968	During year ending June 30, 1969	Cumulative to June 30, 1969
<b>Fire protection:</b>				
Roads and trails (constructed or rebuilt)	Miles	218.2	239.2	984.5
Firebreaks	do.	291.8	402.2	1,804.9
Telephone lines	do.	0	0	306.5
Large water-storage tanks	Number	2	2	137
Lookout towers	do.	0	0	51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.)	do.	6	2	136
Pumps	do.	0	11	30
Radios (mobile and stationary)	do.	1	0	404
Mobile equipment	do.	11	11	170
Helispots and heliports	do.	6	0	425
Stabilization of roadsides	Miles	278.0	232.0	1,595.6
<b>Revegetation—cover improvement:</b>				
Seeding and planting—trees and shrubs	Acres	67,083	51,049	717,059
Emergency seeding following fire <sup>3</sup>	do.	89,088	80,600	752,195
<b>Mountain channel control:</b>				
Barriers	Number	51	30	453
Planting	Square yards	684	0	318,134
Channel clearing	Acres	30	20	153
Channel stabilization	Linear feet	446,952	17,530	657,208
Forest management: Owner participation	Number	8,429	9,986	74,434

See footnotes on page 557.



Table 769.—Forest land: Total forest land and area and ownership of commercial forest land, by regions, 1962

Region	Total forest land <sup>1</sup>	Commercial forest land <sup>2</sup>							
		All owner-ships	Federal			State, county, and municipal	Private		
			Total	National forest	Other		Total	Farmer	Forest industry 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	
New England.....	31,886	31,451	906	831	75	905	29,640	4,727	24,913
Middle Atlantic.....	46,646	43,888	1,538	1,319	219	4,170	38,180	10,136	28,044
Lake.....	55,211	52,392	7,554	5,933	1,621	13,687	31,151	13,931	17,220
Central.....	44,697	44,058	2,510	2,182	328	737	40,811	26,709	14,102
North.....	178,440	171,789	12,508	10,265	2,243	19,499	139,782	55,503	84,279
South Atlantic.....	48,994	47,604	3,361	2,591	770	606	43,637	29,127	14,510
East Gulf.....	46,269	44,772	3,314	1,771	1,543	715	40,743	18,350	22,393
Central Gulf.....	53,685	53,361	2,900	2,329	571	1,019	49,442	19,211	30,231
West Gulf.....	71,356	55,332	4,487	3,785	702	480	50,365	12,209	38,156
South.....	220,304	201,069	14,062	10,476	3,586	2,820	194,187	78,897	105,290
Pacific Northwest.....	172,276	51,884	29,123	24,009	5,114	3,269	19,492	5,896	13,596
Pacific Southwest.....	44,523	18,480	9,162	8,656	506	681	13,744	1,952	6,685
Northern Rocky Mt.....	55,039	39,287	28,467	26,209	2,258	1,753	9,067	4,076	4,991
Southern Rocky Mt.....	88,283	26,336	19,854	17,189	2,665	670	5,812	4,693	1,119
West.....	360,121	135,987	86,606	76,063	10,543	6,373	43,008	16,617	26,391
All regions.....	758,865	508,845	113,176	96,804	16,372	28,692	366,977	151,017	215,960

<sup>1</sup> Forest land is land at least 10 percent stocked by forest trees of any size, or formerly having had such tree cover and not currently developed for non-forest use. Includes chaparral areas in the West and afforested areas. The minimum area for classification of forest land is 1 acre. Roadside, streamside, and shelterbelt strips of timber must have a crown width at least 120 feet wide to qualify as forest land. Unimproved roads and trails, streams, and clearings in forest areas are classed as forest if less than 120 feet in width.

<sup>2</sup> Commercial forest land is forest land which is producing or is capable of producing crops of industrial wood and not withdrawn from timber utilization by statute or administrative regulation. Includes areas suitable for management to grow crops of industrial wood, generally capable of producing in excess of 25 cubic feet per acre of annual growth. Includes both accessible and inaccessible areas.

Forest Service. Data for 1952 in *Agricultural Statistics, 1960*, table 769.

Table 770.—Timber volume: Net volume of growing stock and sawtimber on commercial forest land, by softwoods and hardwoods, and regions, Jan. 1, 1963

Region	Growing stock <sup>1</sup>			Sawtimber <sup>2</sup>		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	Million cubic feet	Million cubic feet	Million cubic feet	Million board feet	Million board feet	Million board feet
New England.....	30,695	16,003	14,692	54,428	30,368	24,060
Middle Atlantic.....	46,611	5,664	40,947	103,704	13,744	89,960
Lake.....	31,896	8,350	23,546	59,705	18,213	41,492
Central.....	27,267	1,289	25,978	91,937	4,302	87,635
North.....	136,469	31,306	105,163	309,774	66,627	243,147
South Atlantic.....	40,516	17,053	23,463	117,554	54,697	62,857
East Gulf.....	24,663	14,854	9,809	69,890	44,661	25,229
Central Gulf.....	30,359	13,379	16,980	93,619	49,746	43,873
West Gulf.....	38,548	17,402	21,146	131,007	75,653	55,354
South.....	134,086	62,688	71,398	412,070	224,757	187,313
Pacific Northwest.....	203,085	191,867	11,218	1,091,929	1,055,470	36,459
Pacific Southwest.....	55,518	54,861	657	304,634	302,298	2,336
Northern Rocky Mt.....	61,738	60,855	883	271,192	269,645	1,547
Southern Rocky Mt.....	36,986	32,505	4,481	147,200	139,225	7,975
West.....	357,327	340,088	17,239	1,814,955	1,766,638	48,317
All regions.....	627,882	434,082	193,800	2,536,799	2,058,022	478,777

See footnotes on page 563.

**Table 771.—Timber volume: Net volume of sawtimber on commercial forest land in the West, by regions and species, Jan. 1, 1963<sup>1</sup>**

Species	Total West	Pacific <sup>2</sup> Northwest	Pacific <sup>3</sup> Southwest	Northern Rocky Mountain	Southern Rocky Mountain
	<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>
<b>Softwoods:</b>					
Douglas-fir	602,622	411,994	98,973	73,903	17,752
Ponderosa and Jeffrey pine	<sup>4</sup> 241,722	98,104	58,398	36,681	48,539
True firs	234,780	103,077	75,303	39,715	16,685
Western hemlock	269,935	263,062	397	6,476	
Sugar pine	28,646	5,416	23,223		7
Western white pine	24,437	7,270	1,808	15,359	
Redwood	31,257	276	30,981		
Sitka spruce	76,034	75,892	142		
Engelmann and other spruces	79,370	6,572		31,659	41,139
Western larch	40,738	11,891		28,847	
Western red cedar	46,134	40,160	2	5,972	
Incense-cedar	13,072	4,785	8,275		12
Lodgepole pine	52,778	8,718	3,239	27,621	13,200
Other	25,113	18,253	1,557	3,412	1,891
Total	1,766,638	1,055,470	302,298	269,645	139,225
<b>Hardwoods:</b>					
Cottonwood and aspen	12,742	3,307	10	1,464	7,961
Red alder	19,434	19,386	45		3
Oak	3,042	2,511	524	7	
Other	13,099	11,255	1,757	76	11
Total	48,317	36,459	2,336	1,547	7,975
All species	1,814,955	1,091,929	304,634	271,192	147,200

<sup>1</sup> Net volume in board feet log scale, International ¼-inch rule.<sup>2</sup> Includes Alaska.<sup>3</sup> Includes Hawaii.<sup>4</sup> Excludes 468 million board feet of ponderosa pine in the Lake and Central regions. The total volume of ponderosa and Jeffrey pine in the United States is 242,190 million board feet.Forest Service. Data for Jan. 1, 1963, in *Agricultural Statistics, 1960*, table 771.**Table 772.—Timber drain: Timber cut and annual mortality of growing stock and sawtimber, by softwoods and hardwoods, 1962<sup>1</sup>**

Roundwood product, logging residues and mortality, by cause	Growing stock			Sawtimber		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	<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>
<b>Roundwood products:</b>						
Saw logs	4,936	3,948	988	31,018	24,859	6,159
Veneer	725	579	146	5,020	4,047	973
Pulpwood	2,353	1,725	628	7,167	4,967	2,200
Miscellaneous industrial	380	202	178	1,562	936	626
Fuelwood	517	93	424	809	133	676
Total	8,911	6,547	2,364	45,576	34,942	10,634
<b>Logging residues</b>	1,237	644	593	2,825	1,805	1,020
Total	10,148	7,191	2,957	48,401	36,747	11,654
<b>Mortality, by cause:</b>						
Fire	340	247	93	1,288	1,083	205
Insects	1,184	1,097	87	5,416	5,289	127
Disease	1,206	713	493	3,807	2,805	1,002
Other	2,899	1,526	1,373	9,224	5,862	3,362
Total	5,629	3,583	2,046	19,735	15,039	4,696

<sup>1</sup> Estimates of timber cut include logging residues as well as growing stock material removed as timber products. Volumes refer to growing stock inventory and are in cubic feet roundwood excluding bark and in board feet log scale, International ¼-inch rule, and represent the net cubic foot volume of live sawtimber and polelimber trees from stump to minimum 4-inch top (of central stem) outside bark and the net board foot volume of the saw-log portion of live sawtimber trees (from stump to merchantable top) cut or killed in logging.Forest Service. Data for 1962 in *Agricultural Statistics, 1960*, table 772.

Table 773.—Timber volume: Net volume of sawtimber on commercial forest land in the East, by regions and species, Jan. 1, 1963<sup>1</sup>

Species	Total East	North					South				
		Total	New England	Middle Atlantic	Lake	Central	Total	South Atlantic	East Gulf	Central Gulf	West Gulf
<b>Softwoods:</b>	<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>	<i>Million board feet</i>	<i>Million board feet</i>	<i>Million board feet</i>
White and red pine.....	21,255	18,946	8,792	3,476	6,601	77	2,309	1,498	243	568	.....
Jack pine.....	2,341	2,341	23	19	2,298	1	.....	.....	.....	.....	.....
Longleaf and slash pine.....	35,550	.....	.....	.....	.....	.....	35,550	2,507	19,807	9,924	3,252
Shortleaf and loblolly pine.....	161,427	3,872	.....	1,758	.....	2,114	157,555	39,453	16,400	34,261	67,441
Other yellow pines.....	14,948	3,214	121	2,097	.....	996	11,734	6,774	1,598	2,982	380
Spruce and balsam fir.....	20,629	20,490	15,016	1,962	3,512	.....	139	139	.....	.....	.....
Hemlock.....	13,574	12,037	4,042	4,209	3,449	337	1,537	986	29	522	.....
Cypress.....	15,346	112	.....	.....	.....	112	15,234	2,991	6,441	1,285	4,517
Other.....	6,314	5,615	2,374	223	<sup>2</sup> 2,353	<sup>3</sup> 665	699	349	83	204	63
<b>Total.....</b>	<b>291,384</b>	<b>66,627</b>	<b>30,368</b>	<b>13,744</b>	<b>18,213</b>	<b>4,302</b>	<b>224,757</b>	<b>54,697</b>	<b>44,661</b>	<b>49,746</b>	<b>75,653</b>
<b>Hardwoods:</b>											
Select white oaks.....	42,847	25,436	463	7,541	3,254	14,178	17,411	7,405	1,370	4,716	3,920
Select red oaks.....	35,020	26,644	2,257	12,581	5,044	6,762	8,376	3,675	912	2,231	1,558
Other white oaks.....	29,900	11,662	88	6,370	.....	5,204	18,328	4,957	2,022	3,802	7,547
Other red oaks.....	55,397	22,868	464	7,018	1,166	14,220	32,529	9,595	5,389	8,031	9,514
Hickory.....	28,488	11,567	126	4,004	229	7,208	16,921	4,835	1,802	4,684	5,600
Yellow birch.....	11,594	11,484	5,105	4,353	1,986	40	110	80	2	28	.....
Hard maple.....	25,764	25,134	5,837	9,295	6,941	3,061	630	249	19	337	25
Soft maple.....	19,216	14,157	2,380	6,310	2,450	3,017	5,059	2,696	1,126	769	468
Beech.....	19,311	16,049	2,870	7,854	1,206	4,119	3,262	1,086	148	1,078	950
Sweetgum.....	25,879	2,191	.....	1,151	.....	1,040	23,688	7,427	2,981	4,617	8,663
Tupelo and black gum.....	25,830	1,942	3	1,017	.....	922	23,888	8,685	4,866	4,088	6,249
Ash.....	14,606	8,567	746	2,714	1,961	3,146	6,039	1,269	906	1,274	2,590
Cottonwood and aspen.....	11,345	9,764	677	476	5,225	3,386	1,581	97	21	752	711
Basswood.....	7,812	7,034	251	3,014	2,854	915	778	477	19	241	41
Yellow-popular.....	21,202	9,962	130	5,946	.....	3,886	11,240	6,722	1,571	2,874	73
Black walnut.....	2,956	2,357	.....	378	72	1,907	599	263	16	250	70
Other.....	53,203	36,329	2,663	9,938	9,104	14,624	16,874	3,339	2,059	4,101	7,375
<b>Total.....</b>	<b>430,460</b>	<b>243,147</b>	<b>24,060</b>	<b>89,960</b>	<b>41,492</b>	<b>87,635</b>	<b>187,313</b>	<b>62,857</b>	<b>25,229</b>	<b>43,873</b>	<b>55,354</b>
<b>All species.....</b>	<b>721,844</b>	<b>309,774</b>	<b>54,428</b>	<b>103,704</b>	<b>59,705</b>	<b>91,937</b>	<b>412,070</b>	<b>117,554</b>	<b>69,890</b>	<b>93,619</b>	<b>131,007</b>

TIMBER VOLUME

561

<sup>1</sup> Net volume in board feet log scale, International ¼ inch rule.  
<sup>2</sup> Includes 52 million board feet of ponderosa pine. The total volume of ponderosa and Jeffrey pine in the United States is 242,190 million board feet.

<sup>3</sup> Includes 416 million board feet of ponderosa pine.  
 Forest Service. Data for Jan. 1, 1953, in *Agricultural Statistics, 1960*, table 773.

Table 774.—Timber cut and growth: Timber cut and net annual growth of growing stock and sawtimber on commercial forest land, by softwoods and hardwoods and regions, 1962

Item and region	All species		Softwoods		Hardwoods	
	Timber cut <sup>1</sup>	Growth <sup>2</sup>	Timber cut <sup>1</sup>	Growth <sup>2</sup>	Timber cut <sup>1</sup>	Growth <sup>2</sup>
	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>	<i>Million cubic feet</i>
<b>GROWING STOCK</b>						
New England.....	398	1,002	265	538	133	464
Middle Atlantic.....	486	1,686	119	150	367	1,536
Lake.....	469	1,152	155	298	314	854
Central.....	343	996	21	58	322	938
North.....	1,696	4,836	560	1,044	1,136	3,792
South Atlantic.....	1,197	2,013	749	1,031	448	982
East Gulf.....	836	1,519	642	1,097	194	422
Central Gulf.....	1,121	1,786	498	1,079	623	707
West Gulf.....	1,082	2,151	603	1,155	479	996
South.....	4,236	7,469	2,492	4,362	1,744	3,107
Pacific Northwest <sup>3</sup> .....	2,617	2,379	2,560	2,111	57	268
Pacific Southwest <sup>4</sup> .....	947	651	932	644	15	7
Northern Rocky Mountain.....	487	586	485	581	2	5
Southern Rocky Mountain.....	165	344	162	285	3	59
West.....	4,216	3,960	4,139	3,621	77	339
All regions.....	10,148	16,265	7,191	9,027	2,957	7,238
<b>SAWTIMBER</b>						
	<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.....	1,348	1,967	922	1,159	426	808
Middle Atlantic.....	1,759	4,316	430	463	1,329	3,853
Lake.....	1,300	2,604	453	909	847	1,695
Central.....	1,719	3,588	76	268	1,643	3,320
North.....	6,126	12,475	1,881	2,799	4,245	9,676
South Atlantic.....	4,791	6,738	2,579	3,916	2,212	2,822
East Gulf.....	2,824	4,913	1,929	3,773	895	1,140
Central Gulf.....	3,811	6,166	1,664	4,253	2,147	1,913
West Gulf.....	3,949	7,513	2,234	5,006	1,715	2,507
South.....	15,375	25,330	8,406	16,948	6,969	8,382
Pacific Northwest <sup>3</sup> .....	17,138	9,951	16,759	9,154	379	797
Pacific Southwest <sup>4</sup> .....	5,923	3,527	5,879	3,503	44	24
Northern Rocky Mountain.....	2,878	2,429	2,869	2,428	9	1
Southern Rocky Mountain.....	961	1,141	953	1,034	8	107
West.....	26,900	17,048	26,460	16,119	440	929
All regions.....	48,401	54,853	36,747	35,866	11,654	18,987

<sup>1</sup> Timber cut refers to net inventory volume cut or killed in logging and converted to timber products or left as logging residues.

<sup>2</sup> The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level partly because 8 percent of the commercial forest area consists of old-growth timber which contributes little to net annual growth, and an excess of cut over growth is necessary to achieve a more regulated forest containing a desirable balance of growing stock by age classes.

<sup>3</sup> Includes Alaska.

<sup>4</sup> Includes Hawaii.

Forest Service. Data for 1952 in *Agricultural Statistics, 1960*, table 774.

Table 775.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, June 30, 1969

State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>	State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>
	<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>
Alabama.....	1,270	632	638	New Mexico.....	10,222	9,192	1,030
Alaska.....	20,777	20,723	54	New York.....	14	14	.....
Arizona.....	12,093	11,437	657	North Carolina.....	3,166	1,128	2,038
Arkansas.....	3,494	2,449	1,046	North Dakota.....	1,105	1,105	.....
California.....	24,320	20,040	4,279	Ohio.....	1,455	132	1,323
Colorado.....	15,837	14,334	1,503	Oklahoma.....	460	288	173
Connecticut.....	( <sup>3</sup> )	( <sup>3</sup> )	.....	Oregon.....	17,345	15,460	1,885
Florida.....	1,225	1,080	145	Pennsylvania.....	742	494	247
Georgia.....	1,912	813	1,099	South Carolina.....	1,374	591	784
Idaho.....	21,614	20,352	1,262	South Dakota.....	2,265	1,983	282
Illinois.....	837	237	600	Tennessee.....	1,213	608	605
Indiana.....	724	149	574	Texas.....	1,834	776	1,059
Iowa.....	( <sup>3</sup> )	( <sup>3</sup> )	.....	Utah.....	9,145	8,023	1,121
Kansas.....	108	108	.....	Vermont.....	629	239	390
Kentucky.....	2,003	548	1,455	Virginia.....	3,230	1,512	1,718
Louisiana.....	1,017	593	424	Washington.....	10,041	9,044	997
Maine.....	94	50	44	West Virginia.....	1,855	937	918
Michigan.....	4,795	2,666	2,129	Wisconsin.....	1,973	1,486	487
Minnesota.....	5,042	2,780	2,262	Wyoming.....	9,716	9,275	441
Mississippi.....	2,312	1,135	1,176	Puerto Rico.....	56	28	28
Missouri.....	3,022	1,416	1,606	Virgin Islands.....	( <sup>3</sup> )	( <sup>3</sup> )	.....
Montana.....	19,053	16,670	2,383	Total.....	226,045	186,632	39,413
Nebraska.....	441	350	91				
Nevada.....	5,410	5,074	336				
New Hampshire.....	805	680	125				

<sup>1</sup> National Forest System lands.—The national forests, national forest purchase units, national grasslands, and other lands administered by the Forest Service. Includes national forest lands withdrawn for use of other Federal agencies where the National Forest reservation has not been revoked.

National forests.—Areas formally designated or proclaimed as national forests. Data also include administrative sites outside national forest boundaries.

Purchase units.—Portions of approved national forest acquisition areas established by the Secretary of Agriculture, with the concurrence of the National Forest Reservation Commission, located outside designated or proclaimed national forest boundaries.

National grasslands.—Lands designated "National Grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act. The acreage shown for the national grasslands are the areas of such lands administered by the indicated unit headquarters or regions.

Land utilization projects.—Lands administered by the Forest Service for programs of land utilization and adjustment under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Areas outside of the national forests and grasslands which have been reserved and dedicated to forest or range research and experimentation.

Other areas.—Lands administered by the Forest Service that are not included in the above groups.

<sup>2</sup> Other lands within unit boundaries.—Lands within the unit boundaries in private, State, county, and municipal ownership, and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

<sup>3</sup> Less than 500 acres.

Forest Service.

FOOTNOTES FOR TABLE 770

<sup>1</sup> Net volume in cubic feet of live sawtimber and poletimber trees from stump to a minimum 4-inch top (of central stem) outside bark or to the point where the central stem breaks into limbs.

<sup>2</sup> Net volume of the saw-log portion of live sawtimber trees in board feet log scale, International 1/4-inch rule. Live trees of commercial species containing at least one saw log. Softwoods must be at least 9.0 inches in diameter breast height, except in California, Oregon, Washington, and coastal Alaska where the minimum diameter is 11.0 inches. Hardwoods must be at least 11.0 inches in diameter in all States.

Forest Service. Data for Jan. 1, 1953, in *Agricultural Statistics, 1960*, table 770.

564 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

Table 776.—Cooperative tree planting: Forest tree distribution program, with costs, United States, 1954-68<sup>1</sup>

Year beginning July	Trees distributed	Costs			Year beginning July	Trees distributed	Costs		
		Federal contribution <sup>2</sup>	State expenditure	Total			Federal contribution <sup>2</sup>	State expenditure	Total
	<i>Thousands dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Thousands dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954	496,571	372	3,557	3,929	1962	587,647	234	6,309	6,543
1955	560,456	429	4,341	4,770	1963	535,429	229	7,224	7,453
1956	712,272	820	4,949	5,769	1964	508,651	216	6,649	6,865
1957	764,364	1,131	6,234	7,365	1965	521,440	219	6,593	6,812
1958	945,464	658	6,291	6,949	1966	572,088	220	7,769	7,989
1959	844,599	186	6,387	6,573	1967	573,067	224	8,304	8,528
1960	774,159	194	6,941	7,135	1968	523,986	204	9,911	10,114
1961	679,968	195	6,553	6,748					

<sup>1</sup> Includes Puerto Rico; excludes Alaska.

<sup>2</sup> Provided by Clarke-McNary law, Act of June 7, 1924, as amended.

Forest Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 789.

Table 777.—Cooperative forest management: Accomplishments and expenditures, United States, 1954-68<sup>1</sup>

Year beginning July	Accomplishments				Expenditures		
	Farmers assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954	34,828	2,914	549,373	11,757	534	1,386	1,919
1955	38,121	3,125	625,592	14,758	572	1,432	2,004
1956	44,494	3,086	538,958	11,896	866	1,503	2,369
1957	58,752	3,436	444,797	9,978	1,329	1,750	3,079
1958	76,546	4,146	659,850	13,254	1,353	2,391	3,744
1959	82,188	4,116	596,178	14,083	1,370	2,484	3,855
1960	89,254	4,613	495,325	11,776	1,363	2,954	4,317
1961	91,418	4,797	547,787	12,344	2,268	3,035	5,302
1962	101,823	5,762	588,046	13,744	2,255	3,322	5,577
1963	97,063	6,141	668,274	15,582	2,268	3,978	6,246
1964	99,074	6,165	716,950	17,442	2,730	4,109	6,839
1965	105,014	6,553	682,088	22,575	3,171	4,259	7,430
1966	107,654	6,232	517,368	22,005	3,157	5,021	8,178
1967	106,328	7,775	704,241	23,265	3,184	5,677	8,861
1968	113,186	7,340	872,226	31,883	3,130	6,356	9,483

<sup>1</sup> Under the Cooperative Forest Management Act of August 25, 1950, and related legislation.

Forest Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 790.

Table 778.—Forest fires: Expenditures for protection on State and private forest lands, United States, 1954-68<sup>1</sup>

Year beginning July	Federal <sup>2</sup>	State and county	Private agencies	Total expenditures	Year beginning July	Federal <sup>2</sup>	State and county	Private agencies	Total expenditures
1954	8,945	28,168	2,103	39,216	1962	12,491	52,586	1,610	66,687
1955	9,485	30,637	2,271	42,393	1963	12,515	59,751	1,071	73,337
1956	9,386	33,802	2,149	45,337	1964	12,783	62,612	1,167	76,562
1957	9,410	40,918	1,910	52,238	1965	12,803	71,812	1,243	85,858
1958	9,401	43,071	1,913	54,385	1966	12,834	76,626	1,504	90,964
1959	9,401	45,059	2,181	56,641	1967	14,357	80,464	1,249	96,070
1960	9,384	48,511	1,918	59,813	1968	14,396	85,222	1,337	100,955
1961	11,675	51,194	1,445	64,314					

<sup>1</sup> Excludes emergency funds. Includes Alaska beginning 1960.

<sup>2</sup> Excludes administration and inspection costs.

Forest Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 792.

**Table 779.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1954–69**

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service administration <sup>1</sup>	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	
1954.....	7,369	108	180,358	118,681	2,787	382,387	49,614	5,830	48,722
1955.....	5,660	276	180,302	80,774	2,448	387,156	57,576	4,976	43,953
1956.....	9,457	208	180,354	82,997	1,613	389,924	49,147	4,621	41,185
1957.....	5,175	118	180,335	59,482	1,099	395,864	17,690	2,123	38,906
1958.....	8,251	51	180,378	67,366	1,173	398,306	17,602	1,819	36,464
1959.....	6,871	217	180,468	77,802	1,681	400,679	17,925	1,577	34,091
1960.....	9,697	339	180,844	77,537	1,909	402,800	13,760	1,947	32,030
1961.....	11,936	197	181,051	72,247	1,125	412,008	12,148	1,608	30,306
1962.....	8,384	64	181,635	94,487	1,645	418,483	10,437	2,163	24,447
1963.....	9,169	92	181,975	134,427	3,108	431,334	18,263	3,804	21,767
1964.....	7,063	139	182,078	90,480	1,670	446,420	17,001	2,333	32,003
1965.....	7,083	64	182,139	91,495	1,206	472,023	13,116	1,300	30,294
1966.....	8,365	303	182,273	98,157	1,908	469,328	12,772	1,401	46,748
1967.....	8,988	151	182,507	102,267	1,926	479,623	11,263	2,390	37,587
1968.....	7,118	158	182,616	107,689	1,633	486,461	7,655	1,394	28,539
1969.....	7,409	75	182,340	97,393	1,582	511,965	5,846	995	31,127

<sup>1</sup> As of June 30.

Forest Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 791.

**Table 780.—Forest products cut on national forests: Volume and value of timber cut and value of all products, United States, 1954–68**

Year beginning July	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>3</sup>	Total value including free-use timber	Year beginning July	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>3</sup>	Total value including free-use timber
	Volume	Value <sup>2</sup>				Volume	Value <sup>2</sup>		
	<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>		<i>Million bd. ft.</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954.....	6,328	70,760	266	71,231	1962.....	10,026	134,406	514	135,173
1955.....	6,907	97,620	268	98,107	1963.....	12,954	151,075	529	151,880
1956.....	6,978	115,567	312	116,098	1964.....	11,244	161,106	494	161,880
1957.....	6,421	94,188	346	94,762	1965.....	12,138	195,590	572	196,427
1958.....	8,341	113,896	366	114,579	1966.....	10,851	188,711	575	189,563
1959.....	9,367	156,424	454	157,094	1967.....	12,129	239,311	622	240,226
1960.....	8,381	124,452	477	125,170	1968.....	11,783	326,997	665	327,944
1961.....	9,032	128,905	522	129,654					

<sup>1</sup> Commercial and cost sales and land exchange.

<sup>2</sup> Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930, for the years 1959-68.

<sup>3</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

Forest Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 794.

566 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

Table 781.—Timber products: Production, imports, exports and apparent domestic consumption, United States, 1954–69

Year	Industrial roundwood											
	Saw logs				Veneer logs				Pulpwood			
	Domes- tic pro- duction	Im- ports <sup>1</sup>	Ex- ports <sup>1</sup>	Appar- ent con- sump- tion	Domes- tic pro- duction	Im- ports <sup>2</sup>	Ex- ports <sup>2</sup>	Appar- ent con- sump- tion	Domes- tic pro- duction	Im- ports <sup>3</sup>	Ex- ports <sup>3</sup>	Appar- ent con- sump- tion <sup>4</sup>
<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>
1954	5,635	480	115	6,000	480	30	(6)	505	1,960	920	135	2,815
1955	5,785	560	130	6,215	575	40	(6)	615	2,185	975	175	3,020
1956	5,920	535	120	6,335	590	45	(6)	630	2,480	1,040	160	3,255
1957	5,100	465	130	5,435	560	45	(6)	605	2,360	960	185	3,105
1958	5,160	530	115	5,575	615	50	(6)	665	2,135	895	165	2,920
1959	5,745	635	125	6,255	720	75	5	790	2,330	970	195	3,160
1960	5,080	615	135	5,560	705	60	(6)	765	2,565	985	275	3,225
1961	4,945	665	120	5,485	765	60	(6)	825	2,450	1,000	295	3,215
1962	5,120	765	120	5,765	800	75	(6)	875	2,565	1,055	295	3,340
1963	5,355	830	135	6,050	870	80	5	950	2,670	1,060	340	3,430
1964	5,635	815	150	6,305	960	90	5	1,045	2,955	1,120	395	3,635
1965	5,670	815	145	6,345	1,030	95	5	1,115	3,095	1,170	385	3,795
1966	5,645	810	160	6,295	1,030	110	5	1,135	3,215	1,280	430	4,020
1967	5,490	800	175	6,120	995	110	10	1,100	3,110	1,230	495	3,805
1968	5,775	960	180	6,555	1,035	160	10	1,185	3,155	1,250	600	3,950
1969	5,895	985	180	6,700	1,010	170	20	1,160	3,375	1,325	680	4,095

Year	Industrial roundwood—Continued							Fuelwood, apparent consump- tion	Domestic production, all products <sup>9</sup>	Apparent consump- tion, all products <sup>10</sup>
	Other products, apparent consump- tion <sup>8</sup>	Logs		Total						
		Imports	Exports	Domes- tic pro- duction <sup>2</sup>	Imports	Exports	Apparent consump- tion <sup>10</sup>			
<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	<i>Million cu. ft.<sup>5</sup></i>	
1954	655	35	25	8,750	1,460	270	10,010	1,835	10,585	11,845
1955	630	35	25	9,205	1,610	335	10,520	1,745	10,950	12,265
1956	605	30	30	9,625	1,645	310	10,855	1,655	11,280	12,510
1957	580	25	25	8,625	1,490	335	9,745	1,565	10,190	11,310
1958	560	15	30	8,505	1,495	310	9,740	1,480	9,985	11,220
1959	535	20	35	9,360	1,700	355	10,765	1,390	10,750	12,155
1960	510	20	45	8,910	1,680	455	10,080	1,300	10,210	11,380
1961	490	20	75	8,725	1,745	495	10,035	1,215	9,940	11,259
1962	465	20	85	9,035	1,910	500	10,460	1,125	10,155	11,585
1963	515	15	150	9,560	1,990	630	10,965	1,055	10,615	12,020
1964	540	10	170	10,260	2,040	720	11,535	985	11,245	12,520
1965	560	10	190	10,540	2,095	725	11,830	915	11,455	12,745
1966	565	15	220	10,670	2,220	815	12,035	845	11,515	12,880
1967	515	15	310	10,120	2,155	990	11,555	775	10,895	12,330
1968	570	15	405	10,940	2,385	1,200	12,275	750	11,690	13,025
1969	550	15	375	11,205	2,495	1,250	12,520	725	11,930	13,245

<sup>1</sup> Lumber converted to cubic feet roundwood. Saw logs (roundwood form) are included in "Logs."

<sup>2</sup> Veneer and plywood converted to equivalent cubic feet roundwood. Veneer logs (roundwood form) are included in "Logs."

<sup>3</sup> Includes both pulpwood logs and the pulpwood equivalent of wood pulp, paper, and board.

<sup>4</sup> Includes allowances for changes in stocks.

<sup>5</sup> Roundwood equivalent.

<sup>6</sup> Less than 2.5 million cubic feet.

<sup>7</sup> Preliminary.

<sup>8</sup> Includes coeprage logs, poles and piling, fenceposts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

<sup>9</sup> Includes log exports.

<sup>10</sup> Includes log imports.

Forest Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 793.



# TIMBER PRICES; TIMBER PRODUCTS; LIVESTOCK ON FORESTS 567

**Table 782.—Timber prices: Prices of stumpage and lumber, selected species, 1960-69**

Year	National forest stumpage prices				Douglas-fir <sup>4</sup> lumber price (wholesale)
	Douglas-fir <sup>1</sup>	Southern pine <sup>2</sup>	Sugar pine <sup>3</sup>	Ponderosa pine <sup>3</sup>	
	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>	<i>Dollars per 1,000 bd. ft.</i>
1960.....	32.00	34.50	29.00	19.10	75.00
1961.....	27.60	26.80	18.40	12.10	71.30
1962.....	24.80	26.00	20.00	16.10	73.30
1963.....	27.90	25.10	19.20	15.80	74.60
1964.....	38.10	27.80	23.30	19.00	76.00
1965.....	42.60	31.70	23.30	19.80	76.10
1966.....	50.00	38.60	24.99	19.80	76.60
1967.....	41.70	38.30	23.50	22.20	.....
1968.....	61.20	42.20	35.00	30.20	.....
1969.....	82.20	51.70	75.20	71.00	.....

<sup>1</sup> Western Washington and western Oregon.

<sup>2</sup> Southern region.

<sup>3</sup> California region.

<sup>4</sup> Western Wood Products Association. Average realization on lumber shipments f.o.b. mill.

Forest Service. All U.S. Forest Service national forest prices in this table are the bid prices for timber sold on a Scribner Decimal C log rule basis, including Knutsen-Vandenberg Act deposits for stand improvement. Data for 1944-59 in *Agricultural Statistics, 1967*, table 795.

**Table 783.—Timber products: Wholesale price indexes, selected products, United States, 1954-69**

[1957-59=100]

Year	Lumber	Plywood <sup>1</sup>	Wood pulp	Paper	Paper-board	Year	Lumber	Plywood <sup>1</sup>	Wood pulp	Paper	Paper-board
1954.....	96.4	113.1	91.1	88.9	91.4	1962.....	96.5	84.1	93.2	102.6	93.1
1955.....	102.4	116.4	93.8	91.1	93.3	1963.....	98.9	87.7	91.7	102.4	94.7
1956.....	104.6	106.8	97.8	96.4	99.0	1964.....	100.7	85.3	96.1	103.6	96.4
1957.....	98.5	97.3	98.7	99.6	100.1	1965.....	101.9	85.1	98.1	104.1	96.4
1958.....	97.0	98.3	100.7	99.8	100.0	1966.....	108.5	89.6	98.0	107.3	97.1
1959.....	104.5	104.4	100.7	100.6	99.9	1967.....	108.4	82.0	98.0	110.0	97.3
1960.....	99.8	90.6	100.2	102.0	99.4	1968.....	127.2	109.4	98.0	112.7	92.2
1961.....	94.7	87.6	95.0	102.2	92.5	1969 <sup>2</sup> .....	141.1	114.7	98.0	116.6	94.4

<sup>1</sup> Softwood plywood, interior grade A-D.

<sup>2</sup> Preliminary.

Forest Service. Compiled from reports of the Bureau of Labor Statistics, U.S. Department of Labor Data for 1944-53 in *Agricultural Statistics, 1967*, table 796.

**Table 784.—Livestock on national forests: Number permitted to graze, and grazing receipts, United States, 1954-69**

Year	Permitted to graze <sup>1</sup>		Receipts from grazing, year beginning July <sup>2</sup>	Year	Permitted to graze <sup>1</sup>		Receipts from grazing, year beginning July <sup>2</sup>
	Cattle, horses, and swine	Sheep and goats			Cattle, horses, and swine	Sheep and goats	
	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Thousands</i>	<i>1,000 dollars</i>
1954.....	1,148	2,918	2,953	1962.....	1,307	2,367	4,028
1955.....	1,148	2,830	2,906	1963.....	1,339	2,280	3,790
1956.....	1,135	2,739	2,683	1964.....	1,360	2,204	3,521
1957.....	1,109	2,623	3,014	1965.....	1,376	2,112	3,861
1958.....	1,114	2,609	3,752	1966.....	1,476	2,309	4,184
1959.....	1,117	2,565	4,507	1967.....	1,521	2,264	4,083
1960.....	1,307	2,574	3,899	1968.....	1,531	2,246	4,438
1961.....	1,293	2,491	3,806	1969.....	1,639	2,162	.....

<sup>1</sup> Includes animals permitted to graze on national grasslands and land utilization project lands, beginning 1960.

<sup>2</sup> Includes receipts from national grasslands and land utilization project lands, beginning 1959.

Forest Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 797.

**Table 785.—Livestock on all Forest Service lands: Number permitted to graze in 1969, and grazing receipts for the year beginning July 1, 1968 by States, and Puerto Rico**

State or other area	Permitted to graze, 1969		Receipts from grazing, year beginning July 1968 <sup>1</sup>	State or other area	Permitted to graze, 1969		Receipts from grazing, year beginning July 1968 <sup>1</sup>
	Cattle, horses, and swine	Sheep and goats			Cattle, horses, and swine	Sheep and goats	
	<i>Number</i>	<i>Number</i>	<i>Dollars</i>		<i>Number</i>	<i>Number</i>	<i>Dollars</i>
Alabama	497		1,223	North Dakota	76,372	1,736	
Alaska	47		55	Ohio	9		887
Arizona	154,785	58,298	660,716	Oklahoma	3,464		251,276
Arkansas	18,112		11,816	Oregon	119,439	72,046	121
California	123,478	82,730	249,971	South Carolina	227		50,273
Colorado	203,248	418,228	535,031	South Dakota	78,106	10,772	30
Florida	1,703		1,850	Tennessee	70		5,727
Georgia	612			Texas	12,666		349,626
Idaho	139,595	471,197	396,221	Utah	116,407	389,871	32
Illinois	132			Vermont	15	1,100	462
Indiana	62			Virginia	244		56,615
Kansas	5,035		143	Washington	40,779	15,148	2,028
Louisiana	6,030		6,509	West Virginia	635	370	
Michigan	138		38	Wisconsin	41		354,995
Minnesota	80	30	4,982	Wyoming	147,195	367,395	6
Mississippi	6,390	587	3,777	Puerto Rico			
Missouri	3,095		4,982	National forests	1,371,483	2,120,796	3,842,344
Montana	133,492	113,704	354,677	National grasslands and land utilization project lands	206,016	40,976	595,366
Nebraska	21,374	1,045	72,013				
Nevada	61,977	109,461	158,195	Total	1,577,499	2,161,772	4,437,710
New Mexico	99,948	47,966	313,044				
New York	1,957	88					
North Carolina	43		5				

<sup>1</sup> Receipts shown by States are for national forests only; breakdown for national grasslands and land utilization project lands is not available.

<sup>2</sup> Includes \$1,327.21 in receipts from Oregon and California Railroad Grant Lands.

Forest Service.

**Table 786.—National forests: Receipts, United States and Puerto Rico, 1954-68**

Year beginning July	From the use of timber <sup>1</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>1</sup>	Year beginning July	From the use of timber <sup>1</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>1</sup>
1954	75,044	2,953	1,524	79,521	1962	117,387	3,386	3,738	124,512
1955	110,127	2,906	1,760	114,793	1963	127,960	3,182	4,580	135,722
1956	106,873	2,683	2,033	111,589	1964	138,769	3,040	5,602	147,411
1957	85,898	3,014	2,257	91,170	1965	164,937	3,325	5,640	173,901
1958	115,194	3,752	2,589	121,535	1966	172,789	3,589	6,287	182,664
1959	139,903	3,665	2,780	146,348	1967	205,609	3,499	7,281	216,389
1960	98,425	3,269	2,728	104,422	1968	306,811	3,842	8,514	319,167
1961	106,158	3,196	3,306	112,661					

<sup>1</sup> Includes receipts from Oregon and California Railroad Grant Lands and Tongass Indian lands.

Forest Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 799.

**Table 787.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, years beginning July 1, 1967-69<sup>1</sup>**

State or other area	1967	1968	1969	State or other area	1967	1968	1969
	<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>
Alabama.....	198	226	237	New Hampshire.....	82	109	78
Alaska.....	<sup>2</sup> 405	<sup>3</sup> 518	<sup>4</sup> 575	New Mexico.....	236	257	677
Arizona.....	470	539	1,270	North Carolina.....	200	156	246
Arkansas.....	820	686	717	Ohio.....	13	9	14
California.....	6,469	8,905	15,701	Oklahoma.....	123	101	99
Colorado.....	273	330	707	Oregon.....	18,807	22,554	30,083
Florida.....	253	346	400	Pennsylvania.....	263	263	232
Georgia.....	384	311	283	South Carolina.....	594	553	756
Idaho.....	1,489	1,868	4,027	South Dakota.....	57	75	127
Illinois.....	29	34	47	Tennessee.....	72	96	118
Indiana.....	7	19	13	Texas.....	619	449	517
Kentucky.....	104	94	81	Utah.....	137	127	179
Louisiana.....	463	640	737	Vermont.....	152	172	159
Maine.....	5	8	5	Virginia.....	98	109	73
Michigan.....	234	242	239	Washington.....	7,516	8,855	12,862
Minnesota.....	141	122	118	West Virginia.....	197	217	219
Mississippi.....	1,153	1,326	1,329	Wisconsin.....	125	118	142
Missouri.....	103	197	359	Wyoming.....	148	166	248
Montana.....	1,400	1,744	4,231	Puerto Rico.....	2	2	2
Nebraska.....	18	18	23				
Nevada.....	52	62	82	Total.....	43,912	52,326	78,013

<sup>1</sup> Payments under the acts of May 20, 1908 (as amended) and July 24, 1956, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts.

<sup>2</sup> Includes \$395,801 representing 25 percent of Tongass (Alaska) Suspense Account receipts in year beginning July 1966.

<sup>3</sup> Includes \$505,362 representing 25 percent of Tongass (Alaska) Suspense Account receipts in year beginning July 1967.

<sup>4</sup> Includes \$551,820 representing 25 percent of Tongass (Alaska) Suspense Account receipts in year beginning July 1968.

Forest Service.

**Table 788.—National forests: Number of visitor-days,<sup>1</sup> by States, and Puerto Rico, 1969**

State or other area	Developed sites	Dispersed type	Total	State or other area	Developed sites	Dispersed type	Total
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Alabama.....	248	511	759	New Hampshire.....	888	1,051	1,939
Alaska.....	391	1,064	1,455	New Mexico.....	1,216	2,171	3,387
Arizona.....	2,954	3,817	6,771	New York.....	28	24	52
Arkansas.....	631	1,388	2,019	North Carolina.....	647	1,491	2,138
California.....	21,126	24,516	45,642	North Dakota.....	3	46	49
Colorado.....	4,392	6,387	10,779	Ohio.....	118	259	377
Florida.....	1,052	1,444	2,496	Oklahoma.....	125	259	384
Georgia.....	424	1,045	1,468	Oregon.....	7,196	10,132	17,329
Idaho.....	2,585	6,329	8,917	Pennsylvania.....	605	1,201	1,807
Illinois.....	252	518	770	South Carolina.....	94	562	657
Indiana.....	225	435	663	South Dakota.....	648	1,319	1,968
Kansas.....	6	26	32	Tennessee.....	609	854	1,463
Kentucky.....	217	716	933	Texas.....	417	809	1,226
Louisiana.....	307	251	558	Utah.....	2,863	4,526	7,389
Maine.....	19	21	40	Vermont.....	510	603	1,113
Michigan.....	1,136	3,009	4,145	Virginia.....	550	2,107	2,658
Minnesota.....	996	2,646	3,642	Washington.....	4,205	6,905	11,110
Mississippi.....	226	457	683	West Virginia.....	449	724	1,173
Missouri.....	419	1,077	1,496	Wisconsin.....	504	1,247	1,751
Montana.....	2,072	3,966	6,038	Wyoming.....	1,672	2,347	4,020
Nebraska.....	65	30	95	Puerto Rico.....	159	68	227
Nevada.....	484	739	1,222				
				Total.....	63,740	99,098	162,838

<sup>1</sup> Recreational use of national forest land and water which aggregates 12 person-hours. This may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.

Forest Service.

# 570 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1970

**Table 789.—Hunting and fishing in national forests: Hunter and fisherman visitor-days, and number and kill of big game animals, United States, 1959–68**

Year	Visitor-days <sup>1</sup>		Big game <sup>2</sup>		Big game killed by hunters	
	Fishermen	Hunters	Deer	Others <sup>3</sup>	Deer	Others <sup>3</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1959	13,293	6,838	3,456	483	587	72
1960	14,535	7,591	3,620	540	602	80
1961	15,986	8,535	3,840	561	615	88
1962	17,008	8,827	4,018	582	584	81
1963	18,151	9,938	3,965	593	571	92
1964	19,358	10,817	4,023	623	574	96
1965	16,197	14,100	3,800	618	516	87
1966	14,705	13,119	3,996	634	530	93
1967	13,957	13,249	3,839	596	535	90
1968	14,520	14,044	3,691	599	562	96

<sup>1</sup> Data for the years 1959-64 are user visits; beginning 1965, data are visitor-days. A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.

<sup>2</sup> Inventory numbers as of Apr. 30.

<sup>3</sup> Includes antelope, bear, moose, mountain goat, bighorn, peccary, and wild boar.

Forest Service. Data for 1946-58 in *Agricultural Statistics, 1967*, table 802.

**Table 790.—Lumber: Production, United States, 1954–69**

Year	Total	Softwoods	Hardwoods	Year	Total	Softwoods	Hardwoods
	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>		<i>Million bd. ft.</i>	<i>Million bd. ft.</i>	<i>Million bd. ft.</i>
1954	36,356	29,282	7,074	1962	33,178	26,819	6,359
1955	37,380	29,815	7,565	1963	34,706	27,552	7,154
1956	38,199	30,231	7,968	1964	36,559	29,284	7,275
1957	32,901	27,100	5,801	1965	36,762	29,295	7,467
1958	33,385	27,379	6,006	1966	36,584	28,847	7,737
1959	37,166	30,509	6,657	1967	35,275	27,874	7,401
1960	32,926	26,672	6,254	1968	37,094	30,134	6,960
1961	32,019	26,066	5,953	1969	37,559	29,563	7,996

<sup>1</sup> Preliminary.

Forest Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 803.

**Table 791.—Pulpwood consumption, wood pulp production, and paper and board production and consumption, United States, 1954–69**

Year	Pulpwood consumption <sup>1</sup>	Wood pulp production	Paper and board		
			Production	Estimated total consumption or new supply <sup>2</sup>	Per capita consumption
	<i>1,000 cords</i> <sup>3</sup>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Pounds</i>
1954	29,679	18,256	26,876	31,379	386.4
1955	33,356	20,740	30,178	34,719	420.1
1956	35,749	22,131	31,441	36,496	434.0
1957	35,746	21,800	30,666	35,268	412.0
1958	35,248	21,796	30,823	35,119	403.5
1959	38,691	24,388	34,015	38,725	455.5
1960	40,485	25,316	34,444	39,138	433.2
1961	42,191	26,523	35,698	40,260	438.2
1962	44,070	27,908	37,543	42,218	452.4
1963	46,435	30,121	39,231	43,716	461.6
1964	50,148	32,415	41,703	46,380	482.9
1965	51,970	33,993	44,091	49,111	504.7
1966	56,260	36,603	47,113	52,680	535.1
1967	55,773	36,650	46,893	51,903	521.4
1968	58,999	37,903	49,478	53,899	535.8
1969 <sup>4</sup>	62,812	41,057	53,489	58,227	573.1

<sup>1</sup> Includes changes in stocks.

<sup>2</sup> Production plus imports and minus exports; changes in inventories not taken into account.

<sup>3</sup> One cord equals 128 cubic feet.

<sup>4</sup> Preliminary.

Forest Service. Compiled from U.S. Department of Commerce publications. Data for 1929-53 in *Agricultural Statistics, 1967*, table 804.

Table 792.—Turpentine: Supply and distribution, United States, 1960-69

Crop year beginning April	SUPPLY												
	Stocks, Apr. 1			Production					Imports for consumption <sup>1</sup>	Total supply			
	Gum	Wood	Total	Gum	Wood			Total		Gum	Gum	Wood	Total
					Steam distilled	Sulfate	Total wood						
	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	
1960.....		32,950	162,530	195,480	118,950	162,880	322,940	485,820	604,770	15,570	167,470	648,350	815,820
1961.....		52,120	159,180	211,300	152,810	151,470	332,830	484,300	637,110	15,220	220,150	643,480	863,630
1962.....		65,070	170,420	235,490	152,100	152,610	348,550	500,960	653,060	12,910	230,080	671,380	901,460
1963.....		68,980	163,850	232,830	140,520	157,480	375,530	533,010	673,530		209,500	696,860	906,360
1964.....		32,350	163,710	196,060	119,580	157,450	402,070	559,520	679,100	23,090	175,020	723,230	898,250
1965.....		26,590	110,650	137,240	111,370	168,630	420,660	589,290	700,660	18,010	155,970	699,940	855,910
1966.....		28,810	114,280	143,090	84,210	154,540	426,750	581,290	665,500	17,800	130,820	695,570	826,390
1967.....		21,610	118,670	140,280	67,740	140,470	419,730	560,200	627,940	20,790	110,140	678,870	789,010
1968.....		16,260	89,140	105,400	50,410	128,600	473,160	601,760	652,170	22,730	89,400	690,900	780,300
1969.....		11,010	75,740	86,750	34,990	102,880	479,500	582,380	617,370	23,050	69,050	658,120	727,170

  

Crop year beginning April	DISTRIBUTION												
	Exports <sup>1</sup>			Stocks, Mar. 31			Domestic disappearance <sup>3,4</sup>			Reported industrial consumption <sup>4</sup>			
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	
	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	
1960.....		23,200	58,550	81,750	52,120	159,180	211,300	92,150	430,620	522,770	3,530	373,240	376,770
1961.....		47,120	35,090	82,210	65,070	170,420	235,490	107,960	437,970	545,930	3,190	366,200	369,390
1962.....		58,320	42,050	100,370	68,980	163,850	232,830	102,780	465,480	568,260	3,570	403,770	407,340
1963.....		91,820	71,450	163,270	32,350	163,710	196,060	85,330	461,700	547,030	3,370	417,260	420,630
1964.....		47,200	37,700	84,900	26,590	110,650	137,240	101,230	574,880	676,110	3,890	491,000	494,890
1965.....		21,510	23,610	45,120	28,810	114,280	143,090	105,650	562,050	667,700	8,240	527,380	535,620
1966.....		22,140	14,310	36,450	21,610	118,670	140,280	87,070	562,590	649,660	11,980	545,290	557,270
1967.....		17,980	14,830	32,810	16,260	89,140	105,400	75,900	574,900	650,800	4,070	567,280	571,350
1968.....		7,370	33,410	40,780	11,010	75,740	86,750	71,020	581,750	652,770	3,830	597,670	601,500
1969.....		5,510	29,470	34,980	13,360	68,340	81,700	50,180	560,310	610,490	3,340	595,250	598,590

<sup>1</sup> Reports of the U.S. Department of Commerce.

<sup>2</sup> Barrels of 50 gallons.

<sup>3</sup> Total supply less exports and Mar. 31 stocks.

<sup>4</sup> The difference between domestic disappearance and reported industrial consumption is chiefly retail sales.

tion is chiefly retail sales.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 805.

Table 793.—Rosin: Supply and distribution, United States, 1960-69

Crop year beginning April	SUPPLY											
	Stocks, Apr. 1			Production					Imports <sup>1</sup>	Total supply		
	Gum	Wood	Total	Gum	Wood			Total	Gum	Gum	Wood	Total
					Steam distilled	Tall oil	Total wood					
1960.....	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>
1960.....	172	79	251	370	1,220	420	1,640	2,010	( <sup>3</sup> )	542	1,719	2,261
1961.....	123	188	311	474	1,106	471	1,577	2,051	4 <sup>3</sup>	597	1,765	2,365
1962.....	179	281	460	493	1,094	477	1,571	2,064	4 <sup>3</sup>	672	1,852	2,533
1963.....	356	333	689	459	1,098	528	1,626	2,085	.....	815	1,959	2,774
1964.....	568	375	943	393	1,036	586	1,622	2,015	4 <sup>4</sup>	965	1,997	2,962
1965.....	737	346	1,083	361	1,080	626	1,706	2,067	4 <sup>1</sup>	1,099	2,052	3,151
1966.....	861	374	1,235	273	986	699	1,685	1,958	1	1,135	2,059	3,194
1967.....	835	309	1,144	223	965	680	1,645	1,868	1	1,059	1,954	3,013
1968.....	694	269	960	171	960	714	1,674	1,845	1	865	1,941	2,806
1969.....	495	236	731	119	830	793	1,623	1,742	1	614	1,859	2,473

  

Crop year beginning April	DISTRIBUTION											
	Exports <sup>5</sup>			Stocks, Mar. 31			Domestic disappearance <sup>6,7</sup>			Reported industrial consumption <sup>7</sup>		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
1960.....	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>	1,000 drums <sup>2</sup>
1960.....	157	471	628	123	188	311	262	1,060	1,322	258	1,151	1,409
1961.....	153	390	543	179	281	460	265	1,094	1,362	231	1,212	1,443
1962.....	91	428	519	356	333	689	225	1,091	1,325	208	1,217	1,425
1963.....	65	420	485	568	375	943	182	1,165	1,347	158	1,325	1,483
1964.....	54	430	484	737	346	1,083	174	1,221	1,395	145	1,346	1,491
1965.....	81	460	541	861	374	1,235	157	1,218	1,375	136	1,400	1,536
1966.....	105	554	659	835	309	1,144	195	1,196	1,391	176	1,421	1,597
1967.....	195	510	705	694	266	960	170	1,178	1,348	154	1,340	1,494
1968.....	194	451	645	495	236	731	176	1,254	1,430	172	1,430	1,602
1969.....	115	531	646	326	124	450	172	1,204	1,376	142	1,399	1,541

<sup>1</sup> Rosin, not for violins; imports for consumption, as reported by the U.S. Department of Commerce.

<sup>2</sup> Drums of 520 pounds net weight for wood; 517 pounds for gum.

<sup>3</sup> Less than 500 drums.

<sup>4</sup> The breakdown between gum and wood rosin imports not available.

<sup>5</sup> Reports of the U.S. Department of Commerce. Includes some modified rosin.

<sup>6</sup> Total supply less exports and Mar. 31 stocks.

<sup>7</sup> The difference between domestic disappearance and reported industrial consumption is due to unreported industrial consumption; failure of some consumers to distinguish in their reports between gum, wood, and modified or derived rosins; and the inclusion of modified rosins in exports.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 806.

Table 794.—Turpentine and rosin: Reported industrial consumption, United States, 1967-69

Industry	Turpentine, crop year beginning April			Rosin, <sup>1</sup> crop year beginning April		
	1967	1968	1969	1967	1968	1969
	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Drums</i> <sup>3</sup>	<i>Drums</i> <sup>3</sup>	<i>Drums</i> <sup>3</sup>
Chemicals and rubber.....	563,550	595,380	593,470	650,200	720,720	701,760
Ester gums and synthetic resins.....	0	0	0	236,000	243,710	230,940
Paint, varnish, and lacquer.....	4,320	2,720	1,900	41,450	56,920	54,680
Paper and paper size.....	0	0	0	515,530	518,230	499,790
Other industries.....	3,480	3,400	3,220	50,280	61,950	53,520
Total.....	571,350	601,500	598,590	1,493,460	1,601,530	1,540,690

<sup>1</sup> Includes B-wood resin.<sup>2</sup> Barrels of 50 gallons.<sup>3</sup> Drums of 520 pounds net weight for wood; 517 pounds for gum.

Statistical Reporting Service.

Table 795.—Gum naval stores: Market prices and value, United States, 1960-69

Crop year beginning April	Average price per standard barrel received by producers for commercial crude gum delivered at central stills	Weighted average market price <sup>1</sup>		Market value of production		
		Turpentine, per gallon	Rosin, per 100 pounds, net	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>
1960.....	40.40	0.479	14.52	2,849	27,787	30,636
1961.....	33.10	.247	11.95	1,887	29,315	31,202
1962.....	28.90	.201	11.05	1,529	28,158	29,687
1963.....	29.60	.339	11.00	2,382	26,101	28,483
1964.....	30.50	.450	11.02	2,691	22,368	25,059
1965.....	30.20	.555	10.36	3,091	19,352	22,443
1966.....	29.80	.562	10.30	2,366	14,534	16,900
1967.....	31.00	.574	10.36	1,944	11,966	13,910
1968.....	31.24	.770	10.45	1,941	9,241	11,182
1969.....	36.57	1.138	12.05	1,991	7,398	9,389

<sup>1</sup> Computed from data compiled by the Market News Service in Savannah, Ga.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 808.

## CHAPTER XIII

# CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities of food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income, table 673.

The table with data on food intake of men, women, and children, by age groups, has been replaced by a table on seasonal indexes of money value of food and quantities of selected foods. The table showing average expenditures for family living in three States has been dropped as current data are not available.

**Table 796.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1954–70<sup>1</sup>**

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1954.....	157.7	159.1	1963.....	185.4	186.7
1955.....	160.7	162.3	1964.....	188.1	189.4
1956.....	163.9	165.4	1965.....	190.8	191.9
1957.....	167.0	168.4	1966.....	193.0	193.8
1958.....	170.1	171.5	1967.....	194.7	195.7
1959.....	173.1	174.5	1968.....	196.8	197.6
1960.....	176.8	178.2	1969.....	198.8	199.7
1961.....	179.8	181.2	1970.....	201.0	.....
1962.....	182.5	183.8			

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.

Economic Research Service. Estimates based on published and unpublished records of the U. S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 809.

**Table 797.—Food nutrients: Quantities available for consumption per capita per day, United States, 1954–69<sup>1</sup>**

Year	Food energy	Protein	Fat	Carbo- hydrate	Calcium	Phos- phorus	Iron <sup>2</sup>	Vita- min A value <sup>3</sup>	Thia- min <sup>2</sup>	Ribo- flavin <sup>2</sup>	Niacin <sup>2</sup>	Ascor- bic acid <sup>4</sup>
1954....	2,150	94	142	380	0.98	1.51	16.0	8,000	1.81	2.28	20.1	105
1955....	3,180	95	146	378	1.00	1.53	16.2	8,200	1.87	2.31	20.3	106
1956....	3,180	96	146	378	.99	1.54	16.4	8,200	1.87	2.32	20.7	105
1957....	3,110	95	141	372	.98	1.52	16.1	8,100	1.83	2.29	20.5	107
1958....	3,120	94	142	375	.97	1.50	16.1	8,000	1.82	2.27	20.5	102
1959....	3,170	95	147	376	.98	1.52	16.2	8,100	1.88	2.29	20.8	106
1957-59.	3,140	95	143	374	.98	1.51	16.1	8,000	1.84	2.28	20.6	105
1960....	3,140	95	143	375	.97	1.51	16.3	8,000	1.85	2.27	20.9	108
1961....	3,120	95	142	374	.96	1.50	16.4	7,800	1.84	2.26	21.0	107
1962....	3,120	94	142	373	.96	1.49	16.3	7,800	1.83	2.25	21.0	107
1963....	3,140	96	145	371	.96	1.50	16.5	7,800	1.84	2.26	21.4	101
1964....	3,180	97	147	374	.96	1.51	16.7	7,700	1.84	2.27	21.6	100
1965....	3,140	96	145	371	.95	1.50	16.4	7,700	1.78	2.24	21.4	101
1966....	3,170	97	147	371	.95	1.50	16.5	7,600	1.77	2.26	21.6	102
1967....	3,210	98	150	373	.95	1.52	16.9	7,700	1.83	2.26	22.1	107
1968....	3,250	99	153	374	.93	1.51	17.1	7,800	1.84	2.25	22.2	104
1969 <sup>5</sup> ....	3,240	99	153	374	.93	1.51	17.0	7,800	1.82	2.25	22.2	106

<sup>1</sup> Quantities of nutrients computed by Agricultural Research Service, Consumer and Food Economics Research Division, on the basis of estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economic Research Service. No deduction has been made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Civilian only.

<sup>2</sup> Includes estimates of quantities added to flour and cereal products.

<sup>3</sup> Includes estimates of quantities added to margarine and to milk of all types.

<sup>4</sup> Includes estimates of quantities added to fruit juices and drinks.

<sup>5</sup> Preliminary.

Agricultural Research Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 812.



Table 798.—Food nutrients: Percentage of total contributed by major food groups, average 1957–59, annual 1969<sup>1</sup>

Food group and period	Food energy	Protein	Fat	Carbo- hydrate	Calcium	Phos- phorus	Iron	Vitamin A value	Thiamin	Ribo- flavin	Niacin	Ascorbic acid
<b>AVERAGE 1957-59</b>												
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Meat (including pork fat cuts), poultry, and fish . . . . .	18.2	35.7	33.0	0.1	3.2	22.0	27.1	19.9	27.4	21.2	42.3	1.1
Eggs . . . . .	2.6	6.8	4.0	.1	2.8	6.8	7.1	7.3	2.8	6.5	.1	0
Dairy products, excluding butter . . . . .	13.5	24.5	16.5	7.7	76.6	38.8	2.3	12.7	10.5	45.3	2.0	5.2
Fats and oils, including butter . . . . .	16.0	.1	39.4	( <sup>2</sup> )	.4	.2	0	8.7	0	0	0	0
Citrus fruits . . . . .	.7	.4	.1	1.5	.8	.6	.8	1.1	2.1	.4	.7	22.1
Other fruits . . . . .	2.6	.8	.3	5.6	1.3	1.3	4.4	6.9	2.2	1.8	2.3	10.9
Potatoes and sweetpotatoes . . . . .	2.8	2.4	.1	5.3	1.0	3.9	4.3	8.3	6.4	1.9	7.6	20.6
Dark green and deep yellow vegetables . . . . .	.3	.5	( <sup>2</sup> )	.5	1.6	.7	1.9	20.7	.9	1.2	.7	9.2
Other vegetables, including tomatoes . . . . .	2.3	3.3	.4	4.2	4.6	4.7	9.1	13.8	6.9	4.4	6.2	30.8
Dry beans and peas, nuts, soya flour . . . . .	2.9	5.2	3.2	2.3	2.6	5.7	7.4	( <sup>2</sup> )	6.0	1.9	6.3	( <sup>2</sup> )
Flour and cereal products . . . . .	21.4	19.9	1.5	37.6	3.3	13.1	28.2	.4	34.8	14.6	25.2	0
Sugar and other sweeteners . . . . .	15.8	( <sup>2</sup> )	0	34.2	.8	.2	4.3	0	( <sup>2</sup> )	.1	( <sup>2</sup> )	( <sup>2</sup> )
Coffee and cocoa <sup>3</sup> . . . . .	.8	.4	1.4	.7	1.1	2.0	3.0	( <sup>2</sup> )	.1	.8	6.4	0
<b>Total</b> <sup>4</sup> . . . . .	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>1969<sup>5</sup></b>												
Meat (including pork fat cuts), poultry, and fish . . . . .	20.4	41.0	35.0	.1	3.5	25.3	30.4	22.3	29.4	24.9	46.0	1.1
Eggs . . . . .	2.2	5.8	3.3	.1	2.6	6.0	6.0	6.7	2.5	5.9	.1	0
Dairy products, excluding butter . . . . .	11.7	22.5	13.2	7.2	76.2	36.7	2.2	11.5	9.9	43.0	1.7	4.7
Fats and oils, including butter . . . . .	17.3	.1	41.4	( <sup>2</sup> )	.4	.2	0	8.4	0	0	0	0
Citrus fruits . . . . .	.9	.4	.1	1.6	.8	.6	.7	1.2	2.4	.4	.7	23.7
Other fruits . . . . .	2.5	.6	.2	5.1	1.2	1.2	3.8	6.4	1.9	1.6	1.8	11.8
Potatoes and sweetpotatoes . . . . .	2.8	2.5	.1	5.6	1.0	4.1	4.5	6.0	6.7	1.9	7.6	20.2
Dark green and deep yellow vegetables . . . . .	.2	.4	( <sup>2</sup> )	.4	1.4	.6	1.7	21.5	.8	1.0	.6	8.2
Other vegetables, including tomatoes . . . . .	2.5	3.3	.4	4.7	4.8	4.9	9.5	15.7	7.2	4.6	6.2	30.2
Dry beans and peas, nuts, soya flour . . . . .	2.8	5.0	3.6	2.1	2.6	5.7	6.3	( <sup>2</sup> )	5.5	1.8	7.0	( <sup>2</sup> )
Flour and cereal products . . . . .	20.1	18.0	1.4	35.9	3.4	12.5	26.8	.4	33.6	14.2	22.7	0
Sugar and other sweeteners . . . . .	16.0	( <sup>2</sup> )	0	36.4	1.1	.2	5.5	0	( <sup>2</sup> )	.1	( <sup>2</sup> )	( <sup>2</sup> )
Coffee and cocoa <sup>3</sup> . . . . .	.6	.4	1.3	.7	1.1	2.0	2.8	( <sup>2</sup> )	.1	.8	5.6	0
<b>Total</b> <sup>4</sup> . . . . .	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

<sup>1</sup> Percentages were derived from nutrient data which include quantities of iron, thiamin, riboflavin, and niacin added to flour and cereal products; quantities of vitamin A value added to margarine and milk of all types; and quantities of ascorbic acid added to fruit juices and drinks.

<sup>2</sup> Less than 0.05 percent.

<sup>3</sup> Chocolate liquor equivalent of cocoa beans.

<sup>4</sup> Components may not add to total due to rounding.

<sup>5</sup> Preliminary.

Agricultural Research Service.

Table 799.—Food consumption: Index of per capita consumption, by major food groups, United States, 1954-69<sup>1</sup>

[1957-59=100]

Year	Meat, poultry, fish				Eggs	Dairy products			Fats and oils		
	Meat <sup>2</sup>	Poultry	Fish	Total		In-cluding butter	Ex-cluding butter	Ex-cluding butter	Including butter		
									Animal	Vegetable	Total
1954	101.0	83.7	104.1	99.5	105.1	100.7	99.9	98.7	103.2	101.5	102.4
1955	105.7	78.6	97.2	101.4	103.8	101.9	101.1	98.9	106.7	99.3	102.9
1956	107.7	88.2	98.3	104.4	103.2	102.3	101.8	98.1	106.2	96.3	101.2
1957	101.9	93.8	96.7	100.5	101.6	100.7	100.6	96.7	101.3	96.0	98.6
1958	96.8	101.3	98.0	97.5	99.4	99.8	99.6	99.4	100.3	99.7	100.0
1959	101.3	104.9	105.3	102.0	99.0	99.5	99.8	103.9	98.4	104.3	101.4
1960	101.7	101.7	97.6	101.4	94.1	98.1	98.7	103.2	92.1	106.1	99.3
1961	101.0	111.9	101.5	102.6	92.1	96.8	97.4	102.9	94.1	103.1	98.7
1962	102.2	110.2	100.6	103.2	91.7	97.3	97.9	104.7	92.5	107.0	99.9
1963	105.5	111.9	101.7	106.1	89.2	96.6	97.7	108.8	89.0	111.8	100.6
1964	108.5	114.4	99.4	108.7	89.4	96.6	97.8	112.5	86.9	118.6	103.1
1965	103.5	121.7	103.4	106.1	88.1	96.0	97.6	113.9	83.4	120.7	102.4
1966	105.9	130.6	102.4	109.1	88.1	94.7	97.1	122.3	74.7	133.7	104.8
1967	110.2	136.5	102.4	113.3	90.8	92.8	95.2	121.5	75.1	131.4	103.9
1968	113.3	134.1	104.1	115.6	89.9	93.9	96.2	126.1	77.0	136.6	107.4
1969 <sup>3</sup>	112.8	142.2	104.9	116.4	88.8	92.6	95.2	130.0	70.6	145.5	108.9

  

Year	Fruits			Melons <sup>4</sup>	Fruits, melons, baby food	Vegetables				
	Fresh	Processed	Total			Fresh <sup>4</sup>	Processed			Total <sup>4</sup>
							Canned	Frozen	Total	
1954	108.3	91.1	100.8	115.2	101.4	104.0	93.2	80.8	90.3	100.2
1955	102.2	98.3	100.3	115.7	100.9	104.1	97.9	90.4	96.3	101.8
1956	102.8	100.1	101.5	108.7	101.5	102.9	99.4	94.0	98.2	101.6
1957	100.6	103.3	101.9	97.8	101.5	102.3	98.7	95.6	98.0	101.0
1958	98.0	96.9	97.5	102.5	97.8	99.3	100.9	101.6	101.1	99.8
1959	101.4	99.8	100.6	99.7	100.7	98.4	100.4	102.8	100.9	99.2
1960	96.7	102.2	99.3	102.0	99.8	99.6	101.9	104.4	102.9	100.5
1961	93.3	98.7	95.9	99.1	96.6	97.5	102.9	105.8	103.5	99.3
1962	88.7	102.5	95.3	94.7	95.7	94.8	107.5	113.8	108.9	98.8
1963	80.4	94.0	86.9	98.3	88.2	94.4	108.5	110.8	109.0	98.6
1964	85.0	90.7	87.8	92.7	88.8	92.9	100.3	118.3	111.3	98.2
1965	87.3	96.2	91.5	93.5	92.3	92.9	112.9	125.1	115.5	99.4
1966	87.3	97.0	92.0	87.3	92.3	91.3	115.0	129.9	118.3	99.1
1967	86.9	107.2	96.6	90.9	96.8	93.3	119.1	132.8	122.1	101.6
1968	85.2	103.4	93.9	91.6	94.3	92.3	122.4	140.8	126.4	102.2
1969 <sup>3</sup>	86.5	108.7	97.1	93.8	97.4	92.0	124.6	133.5	126.6	101.9

  

Year	Vegetables, soup, baby food	Potatoes and sweet potatoes <sup>4</sup>	Beans, peas, nuts, soya products <sup>4</sup>	Flour and cereal products <sup>5</sup>	Sugars and other sweeteners <sup>6</sup>	Coffee, tea, cocoa	All foods		
							Animal products	Crop products <sup>7</sup>	Total
1954	98.9	99.9	100.3	108.0	99.2	95.4	100.2	100.9	100.4
1955	100.8	101.4	96.8	102.2	100.0	96.3	101.7	100.4	101.1
1956	100.8	96.8	102.9	100.8	101.3	101.2	103.6	100.6	102.3
1957	100.5	97.9	98.4	99.2	98.0	100.3	100.6	99.6	100.2
1958	99.9	97.3	98.0	100.8	100.9	97.8	98.5	99.4	98.9
1959	99.5	104.8	103.6	100.0	101.1	101.9	100.9	101.0	101.0
1960	101.1	108.8	101.7	99.6	102.1	101.0	99.6	101.5	100.5
1961	100.1	110.5	102.8	98.9	102.2	102.3	99.7	100.7	100.1
1962	99.7	113.2	103.2	98.1	102.7	102.6	100.1	100.8	100.4
1963	99.8	118.4	104.9	97.2	102.9	105.8	101.3	100.2	100.8
1964	99.4	121.1	105.9	97.8	103.3	102.9	102.8	100.7	101.8
1965	100.5	127.3	107.6	98.0	103.3	99.8	100.9	102.0	101.4
1966	100.2	138.4	100.4	96.5	104.5	99.9	102.1	103.0	102.5
1967	102.5	137.8	104.5	97.1	104.0	100.5	104.1	104.5	104.3
1968	103.0	143.4	108.0	97.8	106.8	100.8	105.6	105.6	105.6
1969 <sup>3</sup>	102.8	145.8	106.7	98.4	107.0	96.7	105.4	106.5	105.9

See footnotes on page 578.

Table 800.—All foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1954-69<sup>1</sup>

Year	Meat, poultry, fish				Eggs	Dairy products			Fats and oils		
	Meat <sup>2</sup>	Poultry	Fish <sup>3</sup>	Total		In-cluding butter	Ex-cluding butter	Ex-cluding butter	Including butter <sup>4</sup>		
									Animal	Vegetable	Total
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1954...	144.9	28.5	13.5	186.9	47.4	403	394	39.9	21.5	27.3	48.8
1955...	152.2	26.7	12.9	191.8	46.9	407	398	40.2	22.7	26.5	49.2
1956...	154.9	30.0	12.9	197.8	46.6	409	400	39.8	23.1	25.4	48.5
1957...	146.7	31.8	12.8	191.3	45.9	403	395	39.3	21.8	25.8	47.6
1958...	139.6	34.4	13.3	187.3	44.9	398	390	40.4	21.7	27.0	48.7
1959...	146.6	35.6	13.7	195.9	44.7	393	385	41.7	21.5	28.1	49.6
1960...	146.7	34.5	13.2	194.4	42.5	384	377	41.0	20.1	28.4	48.5
1961...	145.4	37.8	13.7	196.9	41.6	377	370	41.0	20.8	27.6	48.4
1962...	147.1	37.3	13.6	198.0	41.4	376	369	41.6	20.1	28.8	48.9
1963...	151.7	37.9	13.7	203.3	40.3	375	368	42.6	19.6	29.9	49.5
1964...	155.6	38.7	13.5	207.8	40.4	374	367	43.9	18.5	32.2	50.7
1965...	148.0	41.2	13.9	203.1	39.8	373	367	44.3	18.5	32.2	50.7
1966...	151.0	44.2	13.8	209.0	39.8	371	365	47.2	17.0	35.9	52.9
1967...	157.9	46.1	13.8	217.8	41.0	362	357	46.8	17.3	35.0	52.3
1968...	162.1	45.4	14.0	221.5	40.6	363	357	48.6	17.9	36.3	54.2
1969 <sup>5</sup> ...	161.2	48.1	14.1	223.4	40.1	359	354	49.6	16.0	39.0	55.0

Year	Fruits			Melons <sup>5</sup>	Fruits, melons, baby food	Vegetables				Total <sup>6</sup>
	Fresh	Processed	Total			Fresh <sup>6</sup>	Processed			
							Canned	Frozen	Total	
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1954...	101.0	45.7	146.7	32.3	180.5	155.4	41.1	5.4	46.5	201.9
1955...	95.1	48.9	144.0	33.0	178.4	154.7	42.2	5.9	48.1	202.8
1956...	95.1	49.2	144.3	30.1	175.8	154.4	42.7	6.0	48.7	203.1
1957...	92.9	50.8	143.7	27.6	173.0	152.9	42.9	6.2	49.1	202.0
1958...	90.2	50.0	140.2	29.5	171.5	149.3	43.5	6.6	50.1	199.4
1959...	92.1	48.4	140.5	26.9	169.4	146.7	43.6	6.8	50.4	197.1
1960...	89.5	50.3	139.8	28.2	170.1	150.1	43.4	7.0	50.4	201.5
1961...	85.7	49.0	134.7	27.4	164.3	146.9	43.5	6.9	50.4	197.3
1962...	80.9	49.7	130.6	24.9	157.7	143.6	45.1	7.4	52.5	196.1
1963...	72.1	48.2	120.3	26.3	148.9	143.6	46.0	7.1	53.1	196.7
1964...	77.0	46.4	123.4	24.8	150.5	141.0	45.7	7.6	53.3	194.3
1965...	79.7	48.0	127.7	25.4	155.4	140.9	46.8	8.0	54.8	195.7
1966...	79.5	49.3	128.8	23.8	154.9	138.3	47.4	8.8	56.2	194.5
1967...	80.2	52.0	132.2	24.3	158.8	140.4	48.8	9.0	57.8	198.2
1968...	77.0	51.5	128.5	24.2	155.0	140.8	50.2	9.6	59.8	200.6
1969 <sup>5</sup> ...	78.9	54.4	133.3	24.3	159.9	140.1	51.1	9.0	60.1	200.2

Year	Vegetables, soup, baby food <sup>7</sup>	Potatoes and sweet-potatoes <sup>8</sup>	Beans, peas, nuts, soya products <sup>8,9</sup>	Flour and cereal products <sup>9</sup>	Sugars and other sweeteners <sup>10</sup>	Coffee, tea, cocoa	All foods <sup>11</sup>		
							Animal products	Crop products	Total
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1954...	210.1	111.6	16.4	155	106.0	14.7	650	823	1,473
1955...	211.2	113.7	16.2	152	106.3	15.0	659	820	1,479
1956...	211.7	107.2	16.9	150	107.6	15.5	668	811	1,479
1957...	211.0	112.6	16.5	148	104.3	15.3	654	807	1,461
1958...	208.8	107.4	16.3	150	107.4	14.7	644	804	1,448
1959...	206.9	110.0	16.9	147	107.7	15.2	647	802	1,449
1960...	210.7	109.4	16.5	147	108.8	15.1	634	807	1,441
1961...	207.7	109.9	16.8	147	109.1	15.4	629	799	1,428
1962...	206.6	107.0	16.9	146	109.9	15.4	629	789	1,418
1963...	207.3	110.0	16.9	143	110.4	15.6	631	783	1,414
1964...	204.9	106.5	17.1	144	111.5	15.4	634	783	1,417
1965...	206.3	104.1	16.6	144	111.4	15.1	628	786	1,414
1966...	205.1	107.9	15.6	142	112.7	15.1	631	790	1,421
1967...	208.8	104.5	16.4	144	112.3	15.2	633	796	1,429
1968...	211.2	107.5	16.1	144	115.7	15.2	637	802	1,439
1969 <sup>5</sup> ...	210.8	106.0	16.6	145	116.0	14.4	634	809	1,443

See footnotes on page 580.

Table 801.—Food plans: Food cost at home, at three cost levels, for families and individuals in the United States and for families by region, for one week, April 1970<sup>1</sup>

Region and sex-age groups <sup>2</sup>	Low-cost plan	Moderate-cost plan	Liberal plan
<b>FAMILIES</b>			
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
United States:			
Family of two, 20-35 years <sup>3</sup> .....	18.30	23.40	28.70
Family of two, 55-75 years <sup>3</sup> .....	15.10	19.60	23.30
Family of four, preschool children <sup>4</sup> .....	26.50	33.90	41.20
Family of four, school children <sup>5</sup> .....	30.80	39.60	48.50
<b>INDIVIDUALS<sup>6</sup></b>			
United States:			
Children under 1 year .....	3.60	4.50	5.00
1-3 years .....	4.50	5.70	6.80
3-6 years .....	5.40	6.90	8.30
6-9 years .....	6.60	8.40	10.50
Girls, 9-12 years .....	7.50	9.70	11.30
12-15 years .....	8.20	10.70	12.90
15-20 years .....	8.40	10.60	12.60
Boys, 9-12 years .....	7.60	9.90	11.90
12-15 years .....	8.90	11.80	14.00
15-20 years .....	10.30	13.10	15.80
Women, 20-35 years .....	7.70	9.90	11.90
35-55 years .....	7.40	9.50	11.40
55-75 years .....	6.30	8.20	9.70
75 years and over .....	5.70	7.30	8.90
Pregnant .....	9.20	11.50	13.60
Nursing .....	10.60	13.20	15.50
Men, 20-35 years .....	8.90	11.40	14.20
35-55 years .....	8.30	10.60	12.90
55-75 years .....	7.40	9.60	11.50
75 years and over .....	6.90	9.20	11.10
<b>FAMILIES</b>			
Northeast:			
Family of two, 20-35 years <sup>3</sup> .....	20.80	26.30	31.00
Family of two, 55-75 years <sup>3</sup> .....	16.90	22.00	25.40
Family of four, preschool children <sup>4</sup> .....	30.10	38.30	44.70
Family of four, school children <sup>5</sup> .....	35.10	44.70	52.60
North Central:			
Family of two, 20-35 years <sup>3</sup> .....	18.70	23.10	28.50
Family of two, 55-75 years <sup>3</sup> .....	15.30	19.20	23.10
Family of four, preschool children <sup>4</sup> .....	27.10	33.40	40.90
Family of four, school children <sup>5</sup> .....	31.50	39.00	48.20
South:			
Family of two, 20-35 years <sup>3</sup> .....	16.90	21.80	26.50
Family of two, 55-75 years <sup>3</sup> .....	13.90	18.40	21.80
Family of four, preschool children <sup>4</sup> .....	24.60	31.60	38.30
Family of four, school children <sup>5</sup> .....	28.40	36.70	44.90
West:			
Family of two, 20-35 years <sup>3</sup> .....	18.50	22.40	27.90
Family of two, 55-75 years <sup>3</sup> .....	15.10	18.80	22.80
Family of four, preschool children <sup>4</sup> .....	26.90	32.60	39.90
Family of four, school children <sup>5</sup> .....	31.20	38.00	47.00

<sup>1</sup> Estimated from food quantities shown in *Agricultural Statistics, 1963*, table 807, slightly revised in 1964, and prices paid by urban families. The prices per pound of each food group are averages of those paid by families at selected income levels surveyed in 1965 adjusted to current levels by use of Retail Food Prices by Cities (a sample of 56 urban areas for the United States; Boston for Northeast Region; St. Louis for North Central; Atlanta for the South; and Los Angeles for the West) released periodically by the Bureau of Labor Statistics. Revisions in food quantities in 1964 resulted in insignificant changes in cost, except for about 10 percent increase in cost for women 20 to 55 years and 10 percent decrease for men 55 years and over.

<sup>2</sup> Age groups include the persons of the first age listed up to but not including those of the second age listed.

<sup>3</sup> Ten percent added for family size adjustment.

<sup>4</sup> Man and woman, 20 to 35 years; children, 1 to 3 and 3 to 6 years.

<sup>5</sup> Man and woman, 20 to 35 years; child, 6 to 9 and boy, 9 to 12 years.

<sup>6</sup> The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person—add 20 percent; 2-person—add 10 percent; 3-person—add 5 percent; 5-person—subtract 5 percent; 6-or-more person—subtract 10 percent.

Agricultural Research Service.

#### FOOTNOTES FOR TABLE 799

<sup>1</sup> Civilian consumption only. Includes Alaska and Hawaii, beginning 1960. Quantities of individual foods, measured in pounds equivalent to the form sold at retail food stores are combined into indexes using average retail prices in 1947-49 for 1909 through 1954, and prices in 1957-59, beginning 1955; indexes were linked at 1955. <sup>2</sup> Includes edible offal. <sup>3</sup> Preliminary. <sup>4</sup> Data for melons, fresh vegetables, potatoes, sweet-potatoes, and dry beans and peas include consumption from home garden produce. <sup>5</sup> Corn sugar and sirups are included with sugars and other sweeteners. <sup>6</sup> Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk. <sup>7</sup> Excludes spices and herbs.

Economic Research Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 810.

Table 802.—Seasonal food indexes: Money value of food and quantities of selected foods consumed per housekeeping household in a week, United States, 1965-66

Item	Unit	Average		Seasonal indexes							
				Year average=100				Spring average=100			
		Year	Spring	Spring	Summer	Fall	Winter	Year	Summer	Fall	Winter
Household size <sup>1</sup> .....	Number.....	3.27	3.29	100.6	103.1	99.1	97.6	99.4	102.4	98.5	97.0
Money value of all food.....	Dollars.....	34.93	35.01	100.2	102.7	99.5	97.5	99.8	102.5	99.3	97.3
From household food supplies <sup>2</sup> .....	do.....	28.70	28.90	100.7	103.4	98.9	97.0	99.3	102.7	98.2	96.3
Purchased.....	do.....	26.56	26.95	101.5	101.4	98.8	98.4	98.6	99.9	97.3	97.0
Home-produced <sup>3</sup> .....	do.....	1.40	1.27	90.7	132.9	102.1	73.6	110.2	146.5	112.6	81.1
Purchased away from home.....	do.....	6.24	6.11	97.9	99.5	102.4	100.0	102.1	101.6	104.6	102.1
Quantities from household food supplies:											
Milk, cream, cheese (calcium equivalent <sup>4</sup> ).....	Quarts.....	13.51	13.39	99.1	99.2	101.3	100.4	100.9	100.1	102.2	101.3
Fresh fluid milk.....	do.....	9.21	8.90	96.6	96.4	104.2	103.1	103.5	99.8	107.9	106.7
Ice cream.....	do.....	1.09	1.14	104.6	120.2	92.7	82.6	114.9	88.6	78.9	
Cheese.....	Pounds.....	1.10	1.16	105.5	104.5	95.5	95.5	94.8	99.1	90.5	90.5
Fats and oils.....	do.....	2.65	2.70	101.9	102.6	100.0	95.5	98.1	100.7	98.1	93.7
Butter.....	do.....	.40	.42	105.0	95.0	107.5	92.5	95.2	90.5	102.4	88.1
Salad dressings, oil, shortening.....	do.....	1.45	1.49	102.8	106.9	97.9	93.1	97.3	104.0	95.3	90.6
Flour, cereals.....	do.....	4.69	4.69	100.0	95.9	104.3	100.2	100.0	95.9	104.3	100.2
Bakery products <sup>5</sup> .....	do.....	7.45	7.64	102.6	104.3	99.1	94.1	97.5	101.7	96.6	91.8
Meat.....	do.....	10.48	11.05	105.4	101.2	98.8	94.5	94.8	96.0	93.7	89.6
Beef.....	do.....	5.32	5.34	100.4	101.1	99.2	97.9	99.6	100.7	98.9	97.6
Pork.....	do.....	3.21	3.60	112.1	100.6	97.5	89.7	89.2	89.7	86.9	80.0
Fresh pork.....	do.....	1.49	1.59	106.7	91.9	105.4	96.0	93.7	86.2	98.7	89.9
Cured pork.....	do.....	1.61	1.86	115.5	107.5	91.3	83.9	86.6	93.0	79.0	72.6
Poultry.....	do.....	2.88	2.81	97.6	98.3	115.6	88.5	102.5	100.7	118.5	90.7
Eggs <sup>6</sup> .....	Dozens.....	1.73	1.84	106.4	101.2	97.7	94.8	94.0	95.1	91.8	89.1
Fish, shellfish.....	Pounds.....	1.06	1.21	114.2	109.4	91.5	82.1	87.6	95.9	80.2	71.9
Potatoes, sweetpotatoes <sup>7</sup> .....	do.....	5.70	5.37	94.2	94.2	108.9	102.6	106.1	100.0	115.6	108.9
Fresh vegetables <sup>7</sup> .....	do.....	8.02	7.33	91.4	86.2	71.2	71.2	109.4	165.3	94.3	77.9
Dark-green and deep-yellow vegetables.....	do.....	1.07	1.04	97.2	86.9	124.3	91.6	102.9	89.4	127.9	94.2
Tomatoes.....	do.....	1.39	1.09	78.4	194.2	74.1	54.7	127.5	247.7	94.5	69.7
Fresh fruit <sup>7</sup> .....	do.....	9.13	8.20	89.8	135.6	86.9	87.6	111.3	151.0	96.7	97.6
Citrus.....	do.....	2.40	2.51	104.6	46.7	91.2	157.5	95.6	44.6	87.3	150.6
Commercially canned vegetables and fruits.....	do.....	4.24	4.52	106.6	82.1	100.0	110.6	93.8	77.0	93.8	103.8
Commercially frozen vegetables and fruits.....	do.....	.62	.66	106.5	82.3	100.0	112.9	93.9	77.3	93.9	106.1

<sup>1</sup> Meal equivalent persons imputed by dividing the total number of meals served from household food supplies by 21.

<sup>2</sup> Includes gift or pay not shown separately.

<sup>3</sup> Food raised for home use and food obtained by hunting, fishing, and gathering from the wild.

<sup>4</sup> Quantity of whole fluid milk to which dairy products (except butter) are equivalent in calcium.

<sup>5</sup> Includes dough, batter, and partially baked products.

<sup>6</sup> In-shell equivalent of liquid eggs (yolks, whites, mixed yolks and whites) and processed eggs.

<sup>7</sup> Includes home-canned and home-frozen items.

Agricultural Research Service.

**Table 803.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, 1954-69**

Year beginning July	School feeding						Special milk		Institutions and needy persons		
	Cash payments			Food distributed <sup>4</sup>			Quantity	Cash payments <sup>5</sup>	Food distributed <sup>4</sup>		
	Lunch <sup>1</sup>	Breakfast <sup>2</sup>	Nonfood assistance <sup>3</sup>	Section 6		Sections 32 and 416			Sections 32 and 416		
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 1/2 pints	1,000 dollars	1,000 pounds	1,000 dollars	
1954	69,142			101,890	12,830	195,756	70,306	449,810	17,150	296,679	97,359
1955	67,146			87,453	14,802	264,691	99,946	1,394,224	45,854	524,418	134,647
1956	83,915			111,397	14,660	417,633	131,972	1,752,680	60,473	644,266	104,446
1957	83,830			89,374	14,802	251,742	75,962	1,918,170	66,321	619,822	109,471
1958	83,890			203,839	42,670	249,642	66,822	2,176,158	74,285	862,817	136,855
1959	93,814			259,064	61,109	264,408	70,915	2,384,700	80,480	653,798	75,158
1960	93,746			225,179	61,081	284,732	71,623	2,476,724	84,198	1,010,910	173,977
1961	98,760			324,762	69,074	462,839	113,027	2,630,976	89,170	1,556,884	252,784
1962	108,600			286,887	58,876	488,084	120,971	2,765,557	93,641	1,411,223	233,443
1963	120,810			256,943	59,270	528,138	135,660	2,929,030	99,250	1,322,308	234,611
1964	130,435			311,143	59,459	661,513	212,949	2,966,766	97,417	1,312,816	256,701
1965	141,090			245,004	58,006	543,033	116,850	3,059,125	96,523	1,000,074	151,029
1966	149,685	566	710	235,300	57,939	598,080	130,419	3,027,203	99,170	848,572	116,209
1967	159,754	1,985	741	229,248	55,521	797,307	220,456	3,035,687	101,752	871,326	147,263
1968	203,796	5,402	10,396	285,643	64,165	756,352	207,924	2,944,423	101,281	1,200,266	250,353
1969 <sup>6</sup>	307,900	10,200	6,400	260,400	64,300	815,100	193,900	2,850,000	103,300	1,335,000	329,400

<sup>1</sup> A subsidy program for local purchase of food on basis of the quality and quantity of meals served. The program was started in February 1943. <sup>2</sup> A subsidy program to schools started in January 1967. <sup>3</sup> A subsidy program which aids in the purchase of school lunch equipment. The program started in fiscal year 1967. <sup>4</sup> 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; under Section 416, Public Law 439, 81st Congress, as amended; and under Section 6 of the National School Lunch Act, Public Law 396, 79th Congress, 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, or other needy persons. <sup>5</sup> A subsidy program to expand consumption of milk by children. <sup>6</sup> Preliminary.

Food and Nutrition Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 816.

**Table 804.—Food Stamp Program: Participation and value of coupons issued, 1960-69**

Year beginning July	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Federal subsidy
			Number	Number	1,000 dollars
1960	6	49,640	826	445	381
1961	8	142,817	35,202	22,049	13,153
1962	42	225,601	49,877	31,237	18,640
1963	43	366,816	73,485	44,841	28,644
1964	110	424,652	85,472	52,967	32,505
1965	324	864,344	174,232	109,419	64,813
1966	838	1,447,105	296,106	190,556	105,550
1967	1,027	2,211,474	451,801	278,659	173,142
1968	1,489	2,878,772	603,357	374,538	228,819
1969 <sup>1</sup>	1,718	4,273,000	1,062,000	516,000	546,000

<sup>1</sup> Preliminary.

Food and Nutrition Service.

FOOTNOTES FOR TABLE 800

<sup>1</sup> Civilian consumption only. Beginning 1960, includes Alaska and Hawaii. Quantity data used in computing the per capita food consumption index, table 799. Final consumer products that are derived from a combination of primary food groups, such as bakery products, are measured and reported in the form of their primary ingredients, such as flour, shortening, and eggs. <sup>2</sup> Includes game and edible offal. <sup>3</sup> Includes 2.3 pounds per capita of game in 1954, increasing 0.1 pound annually to 3.0 pounds in 1961. <sup>4</sup> Includes product weight of butter and margarine; other items in terms of fat content. <sup>5</sup> Preliminary. <sup>6</sup> Data for melons, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption of home garden produce. <sup>7</sup> Excludes estimated quantities of meat, poultry, and fish base soups duplicated elsewhere. <sup>8</sup> Since 1958, approximations for soya products are continued at 1.3 pounds. <sup>9</sup> Corn sugar and sirups are with sugars and other sweeteners. <sup>10</sup> Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk. <sup>11</sup> Includes spices and herbs.

Economic Research Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 811.

**Table 805.—Food and Nutrition Service programs: Quantity and cost for commodity distribution programs, by food groups, year beginning July 1968**

Program and food	School Lunch Program		Institutions and needy persons		Total	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
Section 6: <sup>1</sup>						
Canned and processed fruits.....	67,675	10,517			67,675	10,517
Canned vegetables.....	121,768	12,665			121,768	12,665
Poultry products.....	49,094	15,589			49,094	15,589
Beef products.....	1,238	744			1,238	744
Pork products.....	45,868	24,650			45,868	24,650
Total.....	285,643	64,165			285,643	64,165
Section 32: <sup>1</sup>						
Dried and dehydrated vegetables.....	18,257	1,727	90,906	12,963	109,163	14,690
Beef products.....	75,880	41,999	9,694	6,246	85,574	48,245
Dairy products.....	33,362	18,465	95,323	23,466	128,685	41,931
Meat, chopped (canned).....	1,286	629	67,172	32,327	68,458	33,456
Fats and oils.....	56,286	10,174	76,297	14,399	132,583	24,573
Canned and processed fruits and juices.....	33,204	5,080	76,264	10,721	109,468	16,701
Fresh fruits.....	483	49	4,628	460	5,111	509
Canned vegetables and juices.....	39,334	5,346	90,579	8,537	129,913	13,883
Poultry products.....	45,493	15,278	44,676	31,573	90,169	46,851
Pork products.....			7,997	5,161	7,997	5,161
Miscellaneous.....	4,624	886	35,735	4,753	40,359	5,639
Total.....	308,209	100,533	599,271	151,106	907,480	251,639
Section 416: <sup>1</sup>						
Dairy products.....	162,945	89,554	166,178	72,208	329,123	161,762
Corn products.....	19,930	743	98,439	3,854	118,369	4,587
Oats, rolled.....	4,923	345	27,087	1,899	32,010	2,244
Rice.....	31,787	3,074	72,888	7,048	104,675	10,122
Wheat products.....	228,558	13,675	236,403	14,238	464,961	27,913
Total.....	448,143	107,391	600,995	99,247	1,049,138	206,638
Grand total.....	1,041,995	272,089	1,200,266	250,353	2,242,261	522,442

<sup>1</sup> See footnote 4, table 803.  
Food and Nutrition Service.

**Table 806.—Food and Nutrition Service programs: Persons participating, 1954–69<sup>1</sup>**

Year beginning July	Children in school lunch program receiving benefits through--			Persons participating in commodity distribution programs for institutions and needy persons (peak month)
	Cash payments <sup>2</sup>		Food distribution <sup>3</sup> (peak month)	
	Average monthly	Peak month		
	Thousands	Thousands	Thousands	
1954.....	8,228	10,972	10,213	4,624
1955.....	7,877	10,536	11,922	4,566
1956.....	8,025	10,656	13,641	4,873
1957.....	8,512	11,492	14,107	6,058
1958.....	8,960	12,053	14,254	7,196
1959.....	9,693	12,839	15,635	5,753
1960.....	10,144	13,454	16,042	7,738
1961.....	10,745	14,184	16,945	8,839
1962.....	11,337	14,957	17,811	8,363
1963.....	12,045	16,004	18,921	7,456
1964.....	12,840	17,024	20,390	7,148
1965.....	13,663	18,040	21,394	6,077
1966.....	13,950	18,457	21,882	5,017
1967.....	14,202	18,800	21,104	4,721
1968.....	15,200	20,136	24,056	5,032
1969 <sup>4</sup> .....	15,900	20,900	22,824	5,800

<sup>1</sup> "Peak month" is the month of the year when the largest number of persons participated in the program; "average monthly" is the average for the 12 months of the fiscal year.

<sup>2</sup> See footnote 1, table 803.

<sup>3</sup> See footnote 4, table 803.

<sup>4</sup> Preliminary

Food and Nutrition Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 819.

**Table 807.—Food and Nutrition Service programs: Cash payments under Special Milk, National School Lunch, Breakfast, Nonfood Assistance, and Food Stamp Programs and value of food under Section 6, Section 32, and Section 416, by States and Territories, year beginning July 1968**

State or Territory	Program					Commodity distribution <sup>1</sup>			Food Stamp Program	Total
	Special Food Service Program	Special Milk	National School Lunch	Breakfast	Non-food Assistance	Section 6	Section 32	Section 416		
	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	504	1,121	27	14	339	2,167	1,779	234	6,190
New Hampshire	13	529	1,372	19	6	194	691	568		2,582
Vermont	2	264	355	12	33	137	243	208	85	2,303
Massachusetts	32	3,515	4,522	46	281	1,664	4,393	3,608	6	18,067
Rhode Island	7	508	406	42	9	153	445	366		3,374
Connecticut	2	1,765	1,621	50	72	353	1,527	1,254	1,438	3,403
New York	16	9,248	13,683	95	148	4,818	18,786	15,426	3,001	65,241
New Jersey	30	3,785	2,722	126	80	968	1,988	1,632	5,814	17,145
Pennsylvania	10	5,013	7,170	68	463	3,066	9,107	3,647	10,906	34,628
Ohio	111	6,534	7,465	965	350	2,918	4,665	7,479	18,003	44,842
Indiana	36	2,955	4,329	89	353	1,751	3,842	3,155	2,979	19,489
Illinois	67	6,600	5,971	97	665	2,224	4,441	3,647	10,906	34,628
Michigan	50	5,000	5,026	62	284	1,898	6,014	4,938	7,757	31,030
Wisconsin	37	3,400	3,446	44	29	1,405	3,835	3,149	2,936	18,281
Minnesota	31	2,646	4,383	62	110	1,638	3,119	2,561	4,057	18,657
Iowa	19	1,796	3,318	73	289	1,437	2,479	2,036	3,113	34,560
Missouri	55	2,384	4,764	20	51	1,734	3,051	5,820	1,966	23,882
North Dakota	4	353	630	6	133	250	996	818	857	4,348
South Dakota	1	262	759	20	72	184	1,552	1,275	551	4,344
Nebraska	6	1,097	2,128	18	72	576	1,036	2,195	234	6,059
Kansas	15	381	447	1	2	206	886	728		2,666
Delaware	12	2,433	2,484	71	129	961	1,645	1,351	4,096	13,192
Maryland	17	1,976	6,008	130	567	1,874	6,120	5,026	2,041	23,759
Virginia	15	641	2,502	162	1,162	661	1,381	1,052	11,213	18,689
West Virginia	129	3,626	11,207	333	115	2,788	11,309	9,236	4,879	43,485
North Carolina	7	639	6,777	233	296	1,555	2,368	2,355	10,286	24,898
South Carolina	109	1,676	10,253	173	243	2,611	13,171	10,815	4,846	33,902
Georgia	20	1,967	8,895	104	61	2,611	12,720	10,446		36,763
Florida	12	2,001	5,914	599	72	1,048	5,093	4,183	10,650	30,172
Kentucky	25	1,928	7,015	216	328	1,705	5,503	4,519	10,274	31,513
Tennessee	9	1,868	8,157	104	37	1,587	12,635	10,376	6,081	40,854
Alabama	2	1,379	5,394	151	407	1,143	10,315	8,470	17,527	44,790
Mississippi	4	1,111	4,014	58	50	918	3,195	2,623	6,997	18,675
Arkansas	96	704	3,166	231	401	2,297	7,634	6,269	9,053	34,038
Louisiana	23	1,122	3,166	75	131	844	11,274	9,257		25,892
Oklahoma	121	4,108	10,620	235	1,024	2,972	17,632	14,479	3,469	54,660
Texas	3	203	526	18	79	282	780	641	473	2,824
Montana	3	187	833		15	198	826	678		2,922
Idaho	1	110	308	10	13	138	259	212	474	1,525
Wyoming	23	942	2,053	55	34	730	1,692	1,390	4,204	11,113
Colorado	3	728	1,432	44	81	407	2,341	1,922	4,339	11,297
New Mexico	25	414	1,892	110	16	542	4,067	3,340		10,406
Arizona	1	341	1,896	6	135	544	1,364	1,120	957	6,304
Utah	1	149	147	5	1	88	381	313		1,084
Nevada	(2)	1,443	2,276	32	63	945	2,004	1,645	6,615	15,065
Washington	42	613	1,635	13	50	648	3,986	3,273	830	11,060
Oregon	11	8,998	7,130	144	882	2,733	12,503	10,267	20,432	63,000
California	12	29	217	9	19	72	225	184	795	1,550
Alaska	3	157	1,134	12	6	488	859	698	773	4,121
Hawaii		615	357	6	1	139	369	303	2,480	4,439
District of Columbia	111		167	8	1	38	141	116		471
Guam			5,186	263	321	755	14,616	12,002		33,249
Puerto Rico	106		93		(2)	19	57	47		216
Samoa, American							617	507		1,135
Trust Territories	11						193	158		549
Puerto Rico			165			33				
Virgin Islands										
Total	1,527	101,281	203,796	5,402	10,396	64,165	251,639	206,638	228,818	1,073,662

<sup>1</sup> Total cost to the Government, and includes commodity cost plus reprocessing, packaging, transportation costs, and miscellaneous handling charges for Section 6 and Section 32 commodities. Cost for Section 416 commodities includes acquisition cost plus any reprocessing or repackaging costs necessary before commodity is distributed.

<sup>2</sup> Less than \$500.

Food and Nutrition Service.



**Table 808.—Commodities used in family living: Index numbers of prices paid by farmers, United States, 1954-69<sup>1</sup>**

[1957-59=100]

Year	Food and tobacco	Clothing and yard goods	Household		Building materials for houses	Autos and auto supplies	All family living items
			Operation	Furnishings			
1954	95	94	94	102	93	91	95
1955	93	94	95	100	96	92	95
1956	94	97	96	100	99	93	96
1957	98	98	99	100	100	98	99
1958	102	100	100	100	99	100	100
1959	100	102	101	100	101	102	101
1960	101	105	101	99	101	101	102
1961	102	106	103	98	101	99	102
1962	103	108	105	97	100	101	103
1963	105	109	107	97	100	102	104
1964	106	110	108	96	101	103	105
1965	109	112	110	96	101	104	107
1966	115	117	111	96	104	104	110
1967	116	123	113	99	107	107	113
1968	119	130	116	102	114	113	117
1969	124	138	120	106	124	117	123

<sup>1</sup> Indexes converted from a 1910-14=100 to a 1957-59=100 base.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 821.

**Table 809.—Consumers' prices: Index numbers of prices paid for goods and services purchased by families of urban wage and clerical workers, United States, 1954-69<sup>1</sup>**

[1957-59=100]

Year	Food	Nonfood items							All items	
		Apparel and upkeep	Housing		Transportation	Medical care	Personal care	Reading and recreation		Other goods and services
			Total	Rent						
1954	95.4	96.3	93.4	93.5	90.8	86.6	88.5	92.4	94.3	93.6
1955	94.0	95.9	94.1	94.8	89.7	88.6	90.0	92.1	94.3	93.3
1956	94.7	97.8	95.5	96.5	91.3	91.8	93.7	93.4	95.8	94.7
1957	97.8	99.5	98.5	98.3	96.5	95.5	97.1	96.9	98.5	98.0
1958	101.9	99.8	100.2	100.1	99.7	100.1	100.4	100.8	99.8	100.7
1959	100.3	100.6	101.3	101.6	103.8	104.4	102.4	102.4	101.8	101.5
1960	101.4	102.2	103.1	103.1	103.8	108.1	104.1	104.9	103.8	103.1
1961	102.6	103.0	103.9	104.4	105.0	111.3	104.6	107.2	104.6	104.2
1962	103.6	103.6	104.8	105.7	107.2	114.2	106.5	109.6	105.3	105.4
1963	105.1	104.8	106.0	106.8	107.8	117.0	107.9	111.5	107.1	106.7
1964	106.4	105.7	107.2	107.8	109.3	119.4	109.2	114.1	108.8	108.1
1965	108.8	106.8	108.5	108.9	111.1	122.3	109.9	115.2	111.4	109.9
1966	114.2	109.6	111.1	110.4	112.7	127.7	112.2	117.1	114.9	113.1
1967	115.2	114.0	114.3	112.4	115.9	136.7	115.5	120.1	118.2	116.3
1968	119.3	120.1	119.1	115.1	119.6	145.0	120.3	125.7	123.6	121.2
1969	125.5	127.1	126.7	118.8	124.2	155.0	126.2	130.5	129.0	127.7

<sup>1</sup> Reflects retail prices of goods and services commonly bought by average families with moderate income in 46 urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor.

Economic Research Service. Compiled from data of the U.S. Department of Labor. Data for 1939-53 in *Agricultural Statistics, 1967*, table 822.

## CHAPTER XIV

### MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; tables on acreage and production of world crops; weather data; statistics on fishery products; tables on refrigerated warehouses; commodity future statistics; and statistics on crops in Alaska and Hawaii. One weather table is included in this issue; the two tables showing monthly and annual 30-year normals, by climatic divisions, for precipitation and for average temperature, carried in the 1967 issue will be repeated about every five years. The current table showing annual averages for precipitation and temperature, by climatic divisions, will be carried annually. More complete information can be secured from the Weather Bureau, U.S. Department of Commerce.

#### Foreign Agricultural Trade Statistics

U. S. foreign agricultural trade statistics include official U. S. data based on compilations of the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as rawhides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such through U. S. Customs.

The export statistics also exclude shipments to the U. S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$100 (\$251 since October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in nonagricultural and overall export totals. The agricultural exports statistics include shipments under P. L. 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under P. L. 87-195 (Act for International Development); and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U. S. Department of Agriculture from data obtained from operating agencies.

The export value, the value at the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Except for Canada, export shipments valued \$100-\$499 (\$251-\$499 since October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$100-\$1,999 (\$251-\$1,999 since October 1969) are sampled.

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The agricultural statistics exclude low-value shipments from countries not identified because of illegible reporting, but they are reflected in nonagricultural and overall import totals in this report.

The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment.

Table 810.—Foreign trade: Value of total agricultural exports and imports, United States, 1954-69

Year ending June 30	Agricultural exports <sup>1</sup>				Total imports for consumption	Agricultural imports (for consumption)					Excess of domestic agricultural exports over supplementary imports
	Total domestic exports	Domestic	Percentage (domestic) of total exports	Foreign (re-exports)		Total	Supplementary <sup>2</sup>	Complementary <sup>2</sup>	Supplementary		
									Percentage of total agricultural exports	Percentage of total agricultural imports	
	Million dollars	Million dollars	Percent	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Percent	Percent	Million dollars
1954	15,243	2,936	19	62	10,501	4,176	1,694	2,482	58	41	1,242
1955	14,929	3,144	21	70	10,430	3,781	1,509	2,272	48	40	1,635
1956	16,907	3,496	21	65	12,096	4,086	1,583	2,503	45	39	1,913
1957	20,692	4,723	23	66	12,679	3,800	1,531	2,269	32	40	3,197
1958	18,747	4,003	21	76	12,787	3,929	1,824	2,105	46	46	2,179
1959	17,356	3,719	21	83	13,857	4,004	2,029	1,975	55	51	1,690
1960	19,110	4,517	24	73	15,496	4,010	1,979	2,031	44	49	2,538
1961	20,507	4,946	24	67	14,161	3,645	1,814	1,831	37	50	3,132
1962	21,447	5,142	24	63	15,687	3,762	2,049	1,713	40	54	3,093
1963	21,638	5,078	23	62	16,398	3,907	2,208	1,699	43	57	2,870
1964	24,718	6,068	25	84	17,776	4,096	2,225	1,871	37	54	3,843
1965	26,331	6,097	23	.....	19,731	3,986	2,127	1,859	35	53	3,970
1966	28,886	6,676	23	.....	23,295	4,454	2,472	1,982	37	56	4,204
1967	30,819	6,771	22	.....	26,427	4,453	2,667	1,786	39	60	4,104
1968	32,195	6,311	20	.....	29,613	4,656	2,845	1,811	45	61	3,466
1969 <sup>3</sup>	35,196	5,740	16	.....	34,175	4,931	3,072	1,859	54	62	2,668

<sup>1</sup> Includes food exported for relief or charity by individuals and private agencies. These figures include a small amount of certain foodstuffs other than agricultural.

<sup>2</sup> 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 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>3</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Data for 1930-53 in *Agricultural Statistics, 1967*, table 824.

Table 811.—Agricultural exports: Quantity indexes, United States, 1954-69

[Calendar years 1957-59=100]

Year ending June 30	Total agricultural exports <sup>1</sup>	Animals and animal products	Meat and meat products <sup>2</sup>	Animal fats <sup>2</sup>	Dairy products <sup>2</sup>	Poultry and poultry products <sup>2</sup>	Cotton and linters	Tobacco unmanufactured	Grains and feeds	Vegetable oils and oilseeds	Fruits and vegetables
1954	62	73	71	88	74	53	73	95	49	44	72
1955	70	101	83	100	122	67	72	95	55	61	76
1956	82	125	102	121	159	80	44	119	80	82	91
1957	113	117	148	112	121	97	144	104	106	89	100
1958	96	97	85	85	120	63	112	98	88	89	104
1959	91	90	82	92	85	107	62	98	102	97	91
1960	116	103	95	132	69	157	130	95	117	131	106
1961	124	105	90	115	74	197	137	104	136	124	99
1962	125	110	87	120	81	259	93	108	155	122	108
1963	124	112	101	112	103	182	71	98	155	148	114
1964	147	151	136	154	152	202	100	110	185	156	106
1965	145	139	132	142	125	178	88	99	180	189	111
1966	157	115	113	110	80	187	61	98	231	194	122
1967	153	109	118	117	52	164	90	130	203	182	122
1968	149	104	102	119	51	155	80	117	206	187	106
1969	135	119	141	117	76	147	55	118	169	200	107

<sup>1</sup> Based on 359 classifications (commodity groups and total index include commodities shipped as food for relief or charity by individuals and private agencies).

<sup>2</sup> Included in "Animals and animal products."

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Data for 1930-53 in *Agricultural Statistics, 1967*, table 825.

Table 812.—Agricultural imports: Quantity indexes, United States, 1954-69

[Calendar years 1957-59=100]

Year ending June 30	Total agricultural imports <sup>1</sup>	Complementary imports <sup>2</sup>	Supplementary imports <sup>2</sup>	Animals and animal products	Dairy products <sup>3</sup>	Hides and skins <sup>3</sup>	Meat and meat products <sup>3</sup>	Wool, excluding free in bond <sup>3</sup>	Grains and feeds	Vegetable oils and oilseeds	Sugar, molasses, and sirups	Tobacco, unmanufactured
1954	98	101	93	80	86	97	70	138	221	95	90	95
1955	85	85	85	79	88	90	64	134	110	105	82	98
1956	100	106	91	80	89	107	66	142	101	99	97	101
1957	92	98	84	70	92	88	61	95	114	97	90	105
1958	96	94	98	92	92	85	85	82	123	99	101	92
1959	104	101	108	120	107	120	126	115	82	100	103	109
1960	105	105	105	104	108	109	114	102	76	104	107	112
1961	100	103	97	97	122	86	110	89	69	105	92	116
1962	109	104	113	134	126	99	154	124	71	111	95	117
1963	114	108	122	152	129	86	189	143	45	117	105	112
1964	110	107	113	137	130	93	190	99	88	110	83	110
1965	103	97	110	123	131	88	145	143	51	125	87	120
1966	117	113	123	160	144	86	183	191	39	124	88	116
1967	114	100	129	154	237	66	197	120	43	136	107	125
1968	119	107	134	159	179	74	213	132	38	128	109	146
1969	121	106	139	168	235	64	227	115	40	136	110	138

<sup>1</sup> Based on 425 classifications.<sup>2</sup> 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 U.S. commodities. Complementary agricultural imports include all others, about 98 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, and vegetable fibers.<sup>3</sup> Included in "Animals and animal products."Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Data for 1930-53 in *Agricultural Statistics, 1967*, table 826.

Table 813.—Agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending June 30, 1968

Commodity	Public Law 480					P.L. 87-195, mutual security A.I.D. programs	Total agricultural exports		
	Sales for foreign currency	Long-term credit sales	Government-to-government donations	Donations through voluntary agencies	Barter for strategic materials <sup>1</sup>		Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Wheat	360.0	180.8	25.7	6.4	1.2	574.1	618.4	1,192.5	
Wheat flour	7.7	16.7	19.3	16.5		60.2	24.8	85.0	
Corn	3.9	14.4	4.9	.1		23.4	713.0	736.4	
Grain sorghum	53.5	10.0	5	.9		64.9	159.2	224.1	
Barley							36.6	36.6	
Wheat cereal foods to be cooked		4.3	9.2	12.3		25.8	1.7	27.5	
Cornmeal			5.3	6.8		12.1	3.9	16.0	
Rice, milled	102.2	28.6			4.4	135.2	201.9	337.1	
Cotton	96.1	16.4			6.1	118.6	356.2	474.8	
Tobacco, unmanufactured	21.4	9.1			.2	.6	462.4	493.7	
Soybeans							750.7	750.7	
Cottonseed oil							7.4	7.4	
Soybean oil	56.5	14.4	10.5	21.7		1.3	104.4	117.8	
Milk, evaporated and condensed	5.7						5.7	4.4	
Milk, whole dried	( <sup>3</sup> )					.1	.1	2.5	
Milk, nonfat dry	1.6		17.1	45.5		( <sup>3</sup> )	64.2	1.9	
Anhydrous milkfat and butter			.2	17.3			17.5	4-3.3	
Infants' and dietetic foods			2.3	20.3		.7	23.3	8.5	
Tallow, edible and inedible	14.4	3.8				2.3	20.5	106.9	
Hides and skins						1.8	1.8	109.0	
Beans, dry edible			.9	1.8			2.7	20.6	
Other		.4	3.8	2.5		5.0	11.7	1,413.9	
Total	723.0	298.9	99.7	152.1	6.3	17.5	1,297.5	5,014.0	6,311.5

See footnotes on page 587.

**Table 814.—Agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending June 30, 1969**

Commodity	Public Law 480					P.L. 87-195, mutual security A.I.D. programs	Total agricultural exports		
	Sales for foreign currency	Long-term credit sales	Government-to-government donations	Donations through voluntary agencies	Barter for strategic materials <sup>1</sup>		Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Wheat	126.8	154.1	33.2	3.9		2.3	320.3	467.3	787.6
Wheat flour	9.4	35.2	26.1	12.6			83.3	22.3	105.6
Corn	2.0	9.1	2.2	.1			13.4	617.8	631.2
Grain sorghum	4	20.9	.7	.6		( <sup>3</sup> )	22.6	105.9	128.5
Barley	4	.7					1.1	11.0	12.1
Wheat cereal foods to be cooked		7.5	4.3	17.0			28.8	9	29.7
Corameal			3.3	4.5			7.8	3.6	11.4
Rice, milled	50.0	115.9		1.7		.6	168.2	147.3	315.5
Cotton	69.2	27.5			1.3		98.0	230.6	328.6
Tobacco, unmanufactured	16.8	15.3			.1		32.2	474.6	506.8
Soybeans								784.8	784.8
Cottonseed oil								15.1	15.1
Soybean oil	31.7	22.4	9.1	13.8			77.0	12.1	89.1
Milk, evaporated and condensed	12.9						12.9	6.0	18.9
Milk, whole dried								4.3	4.3
Milk, nonfat dry	1.9	3	18.4	53.4			74.0	7.1	81.1
Anhydrous milkfat and butter			2.1	22.7		( <sup>3</sup> )	24.8	4.8	24.0
Infants' and dietetic foods			9.1	21.6		( <sup>3</sup> )	30.7	4.9	35.6
Tallow, edible and inedible	18.1	5.5				1.3	24.9	97.1	122.0
Hides and skins						.1	.1	136.3	136.4
Beans, dry edible			1	5			.6	26.3	26.9
Other	4.4	14.0	1.8	1.9		1.7	23.8	1,521.2	1,545.0
Total	344.0	428.4	110.4	154.3	1.4	6.0	1,044.5	4,695.7	5,740.2

<sup>1</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation, P.L. 480, and other legislation.

<sup>2</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter for overseas procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods, (3) sales of Government-owned commodities at less than domestic market prices, and (4) export payments in cash.

<sup>3</sup> Less than \$50,000.

<sup>4</sup> The excess of Government programs over total exports may be due to lags in reporting or to differences in classification or valuation procedures.

Economic Research Service.

FOOTNOTES FOR TABLE 813

<sup>1</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation, P. L. 480, and other legislation.

<sup>2</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter for overseas procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods, (3) sales of Government-owned commodities at less than domestic market prices, and (4) export payments in cash.

<sup>3</sup> Less than \$50,000.

<sup>4</sup> The excess of Government programs over total exports may be due to lags in reporting or to differences in classification or valuation procedures.

Economic Research Service.

**Table 815.—Agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance and total, years ending June 30, 1964–69**

Type of export	1964	1965	1966	1967	1968	1969
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Public Law 480:						
Sales for foreign currency.....	1,056	1,142	866	803	723	344
Long-term credit sales.....	48	158	181	178	299	428
Government-to-government donations.....	81	57	87	110	100	111
Donations through voluntary agencies.....	189	183	180	157	152	154
Barter for strategic materials.....	43	32	32	23	6	1
Mutual security (A.I.D.) <sup>1</sup> .....	24	26	42	37	17	6
<b>Total agricultural exports under specified Government programs.....</b>	<b>1,441</b>	<b>1,598</b>	<b>1,388</b>	<b>1,308</b>	<b>1,297</b>	<b>1,044</b>
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Commercial exports (sales for dollars): <sup>2</sup>						
Without assistance.....	3.2	3.4	3.9	3.9	4.0	4.2
With assistance <sup>3</sup> .....	1.5	1.1	1.4	1.6	1.0	.5
<b>Total commercial exports.....</b>	<b>4.7</b>	<b>4.5</b>	<b>5.3</b>	<b>5.5</b>	<b>5.0</b>	<b>4.7</b>
<b>Total exports.....</b>	<b>6.1</b>	<b>6.1</b>	<b>6.7</b>	<b>6.8</b>	<b>6.3</b>	<b>5.7</b>

<sup>1</sup> Economic aid and expenditures under development loans, 1965-69 (Public Law 87-195).

<sup>2</sup> Includes commodities bought with loans and guarantees from Export-Import Bank, credits extended by Commodity Credit Corporation, and barter shipments for overseas procurement for U.S. agencies.

<sup>3</sup> Assisted by payments in cash or in kind or by sales from CCC stocks at less than domestic market prices.

Economic Research Service.

**Table 816.—Export payments on U.S. agricultural exports: Average per unit and total, years ending June 30, 1966–69**

Commodity	Unit	1966		1967		1968		1969	
		Average per unit	Total	Average per unit	Total	Average per unit	Total	Average per unit	Total
		<i>Dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Million dollars</i>
Wheat and flour.....	Bushel.....	0.47	380.3	0.23	151.0	0.12	59.5	0.13	5.8
Grain sorghum.....	do.....	.09	23.0	.12	8.2				
Rice.....	Cwt.....	1.80	54.7	.87	34.2	.56	2.2	.42	5.3
Cotton, upland.....	Bale.....	<sup>1</sup> 28.75	87.9	<sup>1</sup> 28.75	4.1				
Cotton, extra-long-staple, domestically produced.....	do.....	<sup>2</sup> 50.00	.4	<sup>2</sup> 60.00	.8	<sup>2</sup> 55.00	2.2	<sup>2</sup> 55.00	.8
Tobacco.....	Pound.....	.05	.3	.06	34.7	.06	30.4	.06	29.5
Milk, nonfat dry.....	do.....	.04	9.8	.12	3.7	.09	1.9	.15	14.6
Cheese.....	do.....	.09	.1						
Butter.....	do.....	.30	2.0						
Butter oil.....	do.....	.37	3.7						
Flaxseed.....	Bushel.....	.23	1.2	.34	2.5	.38	.6		
Linseed oil.....	Pound.....	.02	1.3	.02	2.4	.02	.1		
Cottonseed meal.....	Ton.....							14.00	.1
Peanuts.....	Pound.....	.07	12.4	.07	10.6	.07	9.7	.05	3.7
Chickens, whole.....	do.....	.06	.2			.13	( <sup>3</sup> )	.17	1.5
Lard.....	do.....							.02	1.6
<b>Total.....</b>			<b>577.3</b>		<b>252.2</b>		<b>106.6</b>		<b>62.9</b>

<sup>1</sup> Based on 500-pound export bale times export payment of 5.75 cents per pound for 1966 and for July 1966 of fiscal year 1967. Beginning Aug. 1, 1966, upland cotton moved in domestic and export channels without either an equalization or an export payment.

<sup>2</sup> Based on 500-pound export bale times export payment of 10 cents per pound for 1966, 12 cents per pound for 1967, and 11 cents per pound for 1968 and 1969.

<sup>3</sup> Less than \$50,000.

Economic Research Service.

Table 817.—Foreign trade in agricultural products: Value of exports and imports by principal groups, United States, years ending June 30, 1964–69

Product	Domestic exports						Imports for consumption					
	1964	1965	1966	1967	1968	1969 <sup>1</sup>	1964	1965	1966	1967	1968	1969 <sup>1</sup>
<b>PRINCIPAL SUPPLEMENTARY IMPORT PRODUCTS<sup>2</sup></b>												
Animals, live:	<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>
Cattle.....	16,639	14,906	15,427	16,401	20,311	16,325	53,622	55,820	120,358	83,230	83,934	96,676
Horses, mules, asses, and burros.....	1,699	2,086	3,620	3,958	4,553	4,727	7,105	8,646	10,778	10,975	11,910	13,408
Other animals, live <sup>3</sup> .....	15,933	15,741	17,358	18,445	20,906	22,842	805	1,298	2,540	3,396	3,832	3,897
Dairy products:												
Butter.....	36,501	51,027	2,274	235	215	1,303	346	369	397	367	421	399
Casein and lactarene.....	105	1,467	3,319	5,091	4,528	3,823	17,811	24,081	27,579	26,001	23,605	26,668
Cheese.....	3,507	4,132	3,521	3,845	4,109	4,421	36,676	40,777	49,062	71,111	56,058	69,064
Milk, condensed and evaporated.....	20,800	20,963	23,369	23,735	10,098	18,864	136	186	367	1,140	1,342	896
Milk, dried, whole.....	9,335	6,493	6,737	4,243	2,631	4,335	1	1	2	0	1	8
Nonfat milk solids.....	54,588	53,945	52,686	30,988	22,650	26,673	144	152	217	244	202	235
Other dairy products.....	26,218	27,015	22,656	15,982	15,252	16,773	2,111	2,075	16,517	34,404	4,156	3,868
Eggs in the shell.....	9,686	8,326	12,180	12,800	12,379	13,377	1,111	832	1,191	1,447	1,448	665
Egg products.....	4,649	3,114	1,679	1,524	896	669	9	15	1,504	1,627	342	831
Hides and skins, raw (except furs).....	81,937	99,550	139,000	146,931	110,845	136,447	66,451	70,287	80,919	66,512	64,762	63,637
Meats and meat products:												
Beef, canned, including corned.....	831											
Other canned meats.....	8,686	10,547	12,230	12,701	11,346	10,471	31,385	27,071	33,795	37,313	42,414	47,194
Hams, shoulders, bacon, and sides.....	5,637	4,818	5,834	5,519	3,913	6,050	5,331	5,408	6,425	4,756	4,700	5,118
Pork, pickled or salted.....	3,226	2,212	1,973	2,108	1,861	3,267	11,281	15,010	22,781	26,097	21,298	18,539
Other meats.....	151,743	138,789	144,443	140,052	125,552	127,592	348,150	225,191	296,961	365,536	437,133	521,343
Sausage casings.....	10,332	8,188	9,182	8,259	6,963	8,345	17,552	18,551	21,911	20,065	19,819	21,688
Lard.....	63,373	48,755	23,060	18,945	16,654	17,652	( <sup>1</sup> )	( <sup>1</sup> )	0	( <sup>1</sup> )	( <sup>1</sup> )	0
Wool and mohair, unmanufactured.....	9,948	5,032	7,818	9,519	7,189	12,694	101,479	140,454	173,205	113,265	108,072	96,178
Cotton.....	670,414	583,895	385,764	542,266	474,768	328,644	24,341	21,539	22,491	18,990	24,863	10,972
Linters.....	9,160	8,379	8,036	6,379	6,715	5,585	4,382	4,242	4,680	6,865	4,961	5,064
Fruits:												
Apples, fresh.....	18,081	19,619	25,946	19,220	14,955	8,482	5,355	3,670	2,081	5,117	9,979	11,732
Grapefruit, fresh.....	11,531	11,089	12,892	14,058	12,770	13,094	84	127	31	270	400	360
Grapes, fresh.....	17,296	19,989	24,133	25,658	23,720	24,383	4,217	4,292	3,376	2,827	4,209	3,667
Oranges, fresh.....	38,361	40,302	47,507	48,488	41,934	45,582	5,540	5,141	3,571	2,151	9,381	6,947
Pears, fresh.....	3,835	5,297	6,870	5,832	5,282	4,150	1,937	801	632	1,284	2,370	3,475
Prunes, dried.....	17,271	18,359	23,030	20,409	19,586	18,873	28	74	728	792	862	782
Raisins.....	19,910	20,151	22,268	21,738	23,760	24,439	173	25	47	57	227	280
Fruits, canned.....	66,542	74,515	72,282	71,492	45,422	49,457	<sup>5</sup> 46,204	<sup>5</sup> 55,181	<sup>5</sup> 54,349	<sup>5</sup> 66,166	<sup>5</sup> 71,391	<sup>5</sup> 81,610
Fruit juices.....	35,670	34,408	33,512	37,047	41,894	43,566	16,271	11,317	7,159	7,516	9,440	15,289
Other fruits and preparations (except bananas and plantains).....	45,984	45,560	58,199	55,928	56,786	58,849	41,504	41,786	50,237	46,612	53,287	66,649

See footnotes at end of table.

AGRICULTURAL EXPORTS AND IMPORTS

589

Table 817.—Foreign trade in agricultural products: Value of exports and imports by principal groups, United States, years ending June 30, 1964-69—Continued

Product	Domestic exports						Imports for consumption					
	1964	1965	1966	1967	1968	1969 <sup>1</sup>	1964	1965	1966	1967	1968	1969 <sup>1</sup>
	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
Grains and preparations:												
Barley, grain.....	73,374	65,661	93,906	54,021	36,554	12,145	12,111	13,354	8,548	8,192	8,938	10,311
Barley, malt.....	5,462	5,082	5,299	5,272	4,130	4,508	5,114	3,115	2,449	2,292	2,501	2,140
Corn, incl. cornmeal and corn flour.....	618,366	730,498	933,883	735,524	744,706	636,687	2,130	1,824	2,036	2,089	2,112	2,147
Cornstarch.....	5,828	6,692	7,690	6,670	7,279	8,123						
Other grain starches.....	751	903	1,674	1,149	1,643	2,325	1,101	1,277	687	1,071	325	436
Grain sorghum.....	123,187	144,975	294,081	356,572	223,152	127,922	205	150	19	175	258	148
Oats, including oatmeal.....	4,441	3,539	27,739	15,428	10,348	7,631	3,110	3,110	2,770	3,127	2,761	1,939
Rice.....	214,991	203,239	221,353	306,340	337,167	316,771	151	1,897	2,836	591	983	628
Rye, grain.....	14,205	2,726	4,784	5,963	3,666	1,484	960	2,911	1,741	2,076	671	1,320
Wheat and flour:												
Grain:												
For domestic use.....												
For milling in bond and export.....												
Total wheat grain.....	1,334,893	1,083,406	1,266,113	1,169,481	1,184,381	781,826	7,305	1,587	1,079	2,648	935	1,053
Flour:												
Wholly of United States wheat.....	118,107	101,404	91,776	99,015	66,576	89,837						
Other wheat flour.....	120	90	194	161	127	93						
Total wheat flour.....	118,227	101,494	91,970	99,176	66,703	89,930	161	186	220	194	79	201
Other grains and preparations.....	18,880	21,105	26,493	29,318	32,384	29,020	14,279	15,839	17,987	22,944	26,625	32,269
Feeds and fodders:												
Oilseed cake and meal.....	111,798	177,938	219,715	234,089	252,886	262,943	3,186	1,656	3,223	4,875	3,211	2,206
Other feeds and fodders <sup>2</sup> .....	59,098	71,969	94,830	92,651	93,719	116,004	18,510	17,481	14,719	17,517	15,655	15,771
Nuts.....	24,402	33,336	46,116	40,963	40,693	34,928	67,801	74,784	82,840	75,511	92,138	110,887
Oilseeds:												
Copra.....	12						39,248	52,006	50,222	40,170	61,168	48,768
Flaxseed.....	10,583	18,754	15,547	21,978	15,669	29,715	2	6	0	6	11	2
Soybeans.....	508,748	598,037	734,367	780,035	750,732	784,802	5	3	6	6	10	2
Other oilseeds.....	25,271	18,496	24,790	24,324	21,657	14,053	5,270	5,337	7,420	6,944	7,058	7,242
Oils and fats, expressed (vegetable):												
Coconut.....	656	399	696	612	861	722	46,594	56,442	56,068	55,172	59,201	56,215
Cottonseed.....	53,402	73,593	49,929	11,281	7,204	15,069	0	0	0	1,112	1,255	1,038
Linseed.....	1,546	2,132	8,083	11,519	5,710	7,496	5	8	30	12	5	2
Palm.....							705	627	2,766	9,616	4,961	8,236
Soybean.....	106,251	162,746	96,667	108,698	96,716	72,523	0	(4)	0	1	(4)	3
Tung.....	294	215	118	107	119	134	7,421	6,387	5,356	3,915	1,989	1,564
Other oils and fats, expressed (vegetable).....	23,615	41,629	29,952	27,445	27,738	31,859	51,410	59,241	59,212	63,622	69,710	78,371
Seeds, except oilseeds.....	27,142	25,479	30,340	30,624	28,999	30,217	18,048	15,061	16,287	12,962	12,334	16,130



Sugar.....	1,308	491	465	266	317	309	539,447	442,725	454,327	571,629	610,923	639,236
Molasses, maple sugar and sirup, and glucose.....	7,195	7,642	8,802	11,248	10,734	10,554	48,073	34,025	29,998	52,646	52,453	45,207
Tobacco leaf.....	418,753	389,792	390,698	538,268	481,370	494,966	85,333	103,178	110,316	112,731	124,242	110,167
Vegetables and preparations:												
Beans:												
Green or unripe.....	1,496	1,150	1,331	1,356	1,287	923	1,089	1,097	819	1,398	1,119	1,476
Dried.....	34,334	23,850	22,833	30,112	21,871	26,130	636	783	948	545	789	531
Onions.....	4,736	4,991	5,224	7,490	6,397	5,306	2,727	2,395	3,391	3,691	6,045	3,494
Peas:												
Green.....							589	879	946	961	753	1,037
Dried.....	16,178	16,423	17,688	21,349	18,905	20,916	921	1,050	766	771	711	873
Potatoes, white or Irish:												
Certified seed.....							2,132	3,957	1,985	4,357	2,110	3,787
Other potatoes (table stock).....							1,398	6,966	1,256	3,198	1,284	3,546
Total potatoes.....	5,526	6,901	8,390	6,445	10,652	7,846	3,530	10,923	3,241	7,555	3,394	7,333
Vegetables, canned.....	30,003	29,274	28,897	25,299	20,101	20,399	18,536	18,718	24,391	31,685	53,203	41,897
Vegetables and soups, dehydrated.....	6,585	6,538	7,918	8,399	11,003	11,245						
Other vegetables and preparations.....	64,807	62,854	76,145	71,334	77,550	76,408	71,066	79,028	97,968	107,658	107,545	148,152
<b>PRINCIPAL COMPLEMENTARY IMPORT PRODUCTS</b>												
Silk, unmanufactured.....	0	50	107	40	29	35	26,735	19,893	23,209	21,343	17,251	14,662
Wool, unmanufactured, free in bond for use in carpets, etc.....							110,083	74,609	73,534	53,456	42,974	44,564
Cacao beans, cocoa, and chocolate.....	1,839	1,947	2,117	2,527	2,127	2,960	144,073	145,187	150,955	165,497	163,786	162,992
Coffee, raw, green or roasted <sup>1</sup> .....	8,841	7,148	7,324	8,711	8,519	10,899	1,120,678	1,075,382	1,171,833	977,512	1,031,703	982,572
Tea.....	1,119	829	415	833	805	966	59,083	57,006	59,694	57,562	56,669	57,144
Bananas and plantains.....		0	0	0	0	0	94,704	160,981	170,732	184,532	179,191	185,581
Rubber, crude.....	1,986	* 9,531	* 11,325	* 10,806	* 9,180	* 9,261	185,375	192,366	186,406	169,122	163,671	229,923
Pepper.....	399						13,038	14,831	16,533	15,972	13,682	16,052
Vanilla beans.....							6,109	8,374	8,847	7,780	7,184	8,863
Licorice root.....							2,301	1,930	1,636	2,651	2,614	2,247
Pyrethrum or insect flowers, crude.....							396	184	256	598	301	56
Total of above products.....	5,579,616	5,572,103	6,144,599	6,263,609	5,846,106	5,199,714	3,792,823	3,671,852	4,112,529	4,082,489	4,273,852	4,500,419
Other agricultural products.....	277,179	337,863	342,229	335,831	310,033	363,255	302,886	314,087	341,132	370,173	381,794	430,897
Food exported for relief or charity by individuals and private agencies <sup>2</sup> .....	210,785	186,868	189,596	171,891	155,332	177,248						
Total supplementary imports.....							2,224,719	2,127,133	2,471,823	2,666,417	2,844,382	3,072,547
Total complementary imports.....							1,870,990	1,858,806	1,981,838	1,786,245	1,811,264	1,858,769
Total.....	6,067,580	6,096,834	6,676,424	6,771,331	6,311,471	5,740,217	4,095,709	3,985,939	4,453,661	4,452,662	4,655,646	4,931,316

<sup>1</sup> Preliminary.

<sup>2</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such United States commodities. Complementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>3</sup> Imports include horses and mules for immediate slaughter and teams owned by immigrants.

<sup>4</sup> Less than \$500.

<sup>5</sup> Includes olives in brine; pineapples, prepared and preserved; and mandarin oranges.

<sup>6</sup> Excludes corn, barley, oats, grain sorghum, and wheat (unfit for human consumption).

<sup>7</sup> Includes imports through customs district of Puerto Rico.

<sup>8</sup> Includes crude allied gums.

<sup>9</sup> Includes a small amount of certain foodstuffs other than agricultural.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 818.—Agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for years ending June 30, 1968 and 1969<sup>1</sup>**

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	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 dollars	1,000 dollars
1968									
Afghanistan	2,778					1,314			4,092
Bolivia	4,248								4,248
Brazil	34,039								34,039
Ceylon	7,190	307							7,497
Chile	1,421								1,421
China (Taiwan)				11,529	6,154	1,808			19,491
Colombia	2,610				359	268			3,237
Congo (Kinshasa)	2,731		1,489	1,296	2,163				7,679
Dominican Republic	4,144	162			364	4,634			9,304
Ethiopia				1,994					1,994
Ghana	1,032		1,911	1,395	2,113	2,209			8,660
Guatemala						588			588
Guinea	946			1,126		982			3,054
Iceland	464	9			700				1,173
India	323,473	49,706		41,189	498	22,958			437,824
Indonesia	4,389		26,334	7,692					38,415
Iran						990			990
Israel	1,371	20,808			162	4,522			26,863
Jordan	369								369
Korea, Republic of	11,358	156		32,959		4,095			48,568
Liberia			801						801
Morocco	24,130			2,460		1,121			27,711
Pakistan	117,330			3,255	5,485	32,753	917		159,740
Paraguay	2,251								2,251
Philippines		289		3,956	4,059				8,304
Sierra Leone	200				76				276
Spain		4,970							4,970
Tunisia	9,303	335		592		8,127			18,357
Uruguay	6,013	3,946						430	10,389
Vietnam, South	7,724	1,211	100,326	3,044	8,267		6,409		126,981
Yugoslavia						2,681			2,681
<b>Total</b>	<b>569,514</b>	<b>81,899</b>	<b>130,861</b>	<b>112,487</b>	<b>30,400</b>	<b>89,050</b>	<b>7,326</b>	<b>430</b>	<b>1,021,967</b>
1969									
Bolivia	3,198				271				3,469
Brazil	29,417								29,417
Ceylon	18,764								18,764
Chile	5,424	3,110	495		1,678	4,308			15,015
China (Taiwan)				15,179	4,288	2,716			22,183
Colombia	6,072				3,787				9,859
Congo (Kinshasa)	2,068			1,151	2,097				5,316
Dominican Republic	3,311				1,540	768			5,619
Ghana				6,656	578	1,163	54		8,451
Guatemala						464			464
Guinea	547		2,470	867		633	13		4,470
Guyana	172				18				190
Iceland	543	262			596				1,401
India	126,273	5,310	10,062	9,958	696	27,131	140		179,570
Indonesia	17,389		58,230	28,004					103,623
Iran						4,309			4,309
Israel	13,904	19,142			489	3,851			37,386
Jordan	2,359								2,359
Korea, Republic of	39,990	1,499	54,723	42,356		4,091			142,659
Morocco				1,973		3,887			5,865
Pakistan	22,393			61	3,781	17,569	401		40,424
Philippines				2,852					6,633
Ryukyu Islands	243								243
Sierra Leone	191				83				274
Somalia						539			539
Tunisia	7,229	1,311			766	4,053			13,359
Turkey	18,041	894				2,248			20,289
Uruguay	6,056						243		7,193
Vietnam, South	9,439	2,039	39,893	6,074	11,450		14,171		83,066
<b>Total</b>	<b>333,023</b>	<b>33,567</b>	<b>165,873</b>	<b>115,076</b>	<b>32,118</b>	<b>77,730</b>	<b>15,022</b>		<b>772,409</b>

<sup>1</sup> Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the Act was signed in 1966 (P.L. 89-808).

Table 819.—Agricultural exports: Value by country of destination, total and specified Government programs, years ending June 30, average 1961–65, annual 1966 and 1969

Country <sup>1</sup>	Average 1961–65			1968			1969		
	Total agricultural exports	Under specified Government-financed programs <sup>2</sup>	Outside specified Government-financed programs <sup>3</sup>	Total agricultural exports	Under specified Government-financed programs <sup>2</sup>	Outside specified Government-financed programs <sup>3</sup>	Total agricultural exports	Under specified Government-financed programs <sup>2</sup>	Outside specified Government-financed programs <sup>3</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan	608.1	19.5	588.6	898.3		898.3	859.5		859.5
Canada	545.9	.1	545.8	543.4		543.4	643.1		643.1
Netherlands	370.5	8.8	369.7	493.2		493.2	425.7		425.7
Germany, West	380.1	6.4	373.7	387.2		387.2	400.8		400.8
United Kingdom	432.0	12.8	419.2	397.3		397.3	328.8		328.8
Korea, Republic of	93.6	76.4	17.2	176.9	74.1	102.8	258.7	183.1	75.6
India	371.7	351.3	20.4	511.1	488.3	22.8	248.3	230.2	18.1
Italy <sup>4</sup>	209.0	15.6	193.4	237.6		237.6	205.0		205.0
France	116.8	2.6	114.2	144.7		144.7	142.3		142.3
Belgium-Luxembourg	136.8	.6	136.2	140.1		140.1	126.1		126.1
Spain	125.3	35.8	89.5	158.2	7.7	150.5	124.5		124.5
China (Taiwan)	73.5	49.3	24.2	121.5	25.8	95.7	113.1	22.7	90.4
Vietnam, South	37.3	37.0	.3	153.9	147.5	6.4	111.2	99.6	11.6
Venezuela	77.5	2.2	75.3	88.4	1.5	86.9	90.5	.6	89.9
Indonesia	27.2	25.2	4.0	49.3	40.8	8.5	89.4	105.7	<sup>5</sup> -16.3
Philippines	63.2	17.8	45.4	93.6	14.0	79.6	89.3	16.3	73.0
Mexico	70.3	6.5	63.8	71.1		71.1	86.3		86.3
Israel	63.4	33.4	30.0	82.9	28.5	54.4	76.2	39.5	36.7
Brazil	98.7	85.5	13.2	112.2	56.2	56.0	70.6	44.2	26.4
Switzerland	61.3		61.3	53.3		53.3	67.1		67.1
Denmark	66.5	.6	65.9	81.4		81.4	63.3		63.3
Hong Kong	47.4	4.2	43.2	77.6	.7	76.9	58.0	.6	57.4
Poland	95.1	65.1	30.0	52.4	10.4	42.0	55.5	6.3	49.2
Sweden	47.5		47.5	49.7		49.7	51.2		51.2
Pakistan	124.1	121.6	2.5	169.0	160.1	8.9	49.2	42.0	7.2
Thailand	12.5	.1	12.4	28.7	.9	27.8	36.0	.6	35.4
Turkey	55.2	54.6	.6	15.4	15.2	.2	33.1	36.2	<sup>5</sup> -3.1
Colombia	25.4	12.5	12.9	27.0	13.4	13.6	32.0	17.5	14.5
Chile	27.3	18.7	8.6	24.6	10.6	14.0	31.7	21.2	10.5
Australia	34.7	.3	34.4	30.5		30.5	31.0		31.0
Jamaica	14.4	1.2	13.2	26.2	1.8	24.4	28.7	1.3	27.4
Bahamas	9.2		9.2	24.0		24.0	27.7		27.7
Norway	35.2	1.1	34.1	47.3		47.3	26.2		26.2
Dominican Republic	15.3	6.7	8.6	24.8	17.1	7.7	24.7	15.8	8.9
Algeria	26.4	15.3	11.1	21.7		21.7	24.3	2.0	22.3
Saudi Arabia	11.5	.1	11.4	26.8		26.8	24.2		24.2
Nigeria	8.1	.6	7.5	8.1	2.1	6.0	23.4	14.0	9.4
South Africa, Republic of	23.4	1.7	21.7	24.7		24.7	22.7		22.7
Nansei Islands <sup>6</sup>	16.1	3.2	12.9	21.2	1.5	19.7	22.6	1.6	21.0
Greece	27.6	20.3	7.3	17.9	.7	17.2	22.1		22.1
Yugoslavia	94.1	85.3	8.8	41.2	2.8	38.4	21.9		21.9
Tunisia	22.5	20.1	2.4	29.8	26.1	3.7	21.8	22.3	<sup>5</sup> -.5
Ceylon	6.9	4.6	2.3	9.4	9.3	.1	20.0	19.6	.4
Morocco	35.8	28.1	7.7	42.2	43.4	<sup>5</sup> -1.2	19.8	16.0	3.8
Ireland	25.9	2.5	23.4	24.3		24.3	19.1		19.1
Peru	25.6	9.8	15.8	30.6	5.1	25.5	18.9	4.9	14.0
Germany, East	6.3		6.3	16.4		16.4	18.4		18.4
Portugal	21.1	8.2	12.9	15.7	2.2	13.5	16.7	2.0	14.7
Panama	10.8	.4	10.4	16.5	.3	16.2	14.6	.6	14.0
Ghana	9.1	1.2	7.9	13.7	9.6	4.1	13.7	9.3	4.4
Other	524.0	250.0	274.0	359.5	79.8	279.7	331.2	68.3	262.9
Total	5,467.2	1,514.9	3,952.3	6,312.5	1,297.5	5,015.0	5,740.2	1,044.0	4,696.2

<sup>1</sup> Because of transshipments, the value of U.S. exports is overstated to such countries as Canada, Netherlands, and Belgium, and understated to such countries as West Germany, United Kingdom, Switzerland, Ireland, Italy, Denmark, Sweden, Norway, and others. <sup>2</sup> Includes sales for foreign currency, donations for disaster relief and economic aid, donations through voluntary relief agencies, barter for strategic materials, and long-term credit sales, under P.L. 83-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes economic aid under P.L. 87-195 (the Act for International Development of 1961, as amended) and development loans (1965-69) under P.L. 87-195. <sup>3</sup> "Agricultural exports outside specified Government-financed programs" (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter for overseas procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods, (3) sales of Government-owned commodities at less than domestic market prices, and (4) export payments in cash or in kind. <sup>4</sup> Includes Trieste. <sup>5</sup> The excess of Government programs over total exports may be due to lags in reporting or to differences in classification or valuation procedures. <sup>6</sup> Not elsewhere classified.

Table 820.—Agricultural imports for consumption: Value by country of origin, United States, years ending June 30, average 1961–65, annual 1968 and 1969

Country	Average 1961–65			1968			1969		
	Total	Complemen- tary <sup>1</sup>	Supplemen- tary <sup>1</sup>	Total	Complemen- tary <sup>1</sup>	Supplemen- tary <sup>1</sup>	Total	Complemen- tary <sup>1</sup>	Supplemen- tary <sup>1</sup>
	<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>
Brazil	465.6	385.9	79.7	515.8	386.7	129.1	526.3	371.3	155.0
Mexico	268.2	74.9	193.3	354.3	73.2	281.1	435.1	73.4	361.7
Australia	192.3	5	191.8	286.9	5	286.4	307.2	1.0	306.2
Philippines	266.1	9.0	257.1	314.5	4.7	309.8	294.2	4.6	289.6
Canada	181.7	5.7	176.0	214.4	16.3	198.1	236.2	18.9	217.3
New Zealand	136.4	36.6	99.8	155.9	18.3	137.6	179.6	20.5	159.1
Colombia	226.5	219.7	6.8	167.7	152.9	14.8	159.4	145.5	13.9
Dominican Republic	113.4	32.7	80.7	134.7	29.6	105.1	137.5	26.8	110.7
Netherlands	76.9	13.6	63.3	109.4	16.1	93.3	128.0	17.0	111.0
Denmark	59.0	3	58.7	105.8	3.7	102.1	125.1	14.3	110.8
Indonesia	95.0	92.6	2.4	124.6	119.2	5.4	121.8	116.7	5.1
Argentina	94.9	26.9	68.0	111.7	13.5	98.2	117.8	12.2	105.6
Malaysia <sup>2</sup>	88.0	85.8	2.2	74.3	69.3	5.0	117.1	109.5	7.6
France	55.1	6.9	48.2	77.7	10.1	67.6	88.5	8.3	80.2
Costa Rica	43.2	34.7	8.5	73.7	53.2	20.5	87.9	66.2	21.7
Peru	82.3	22.6	59.7	87.0	22.5	64.5	87.3	20.8	66.5
Spain	40.7	1.6	39.1	64.5	1.5	63.0	77.6	1.2	76.4
Italy	64.5	4.7	59.8	86.0	11.6	74.4	76.9	8.4	68.5
Turkey	61.0	2.4	58.6	76.6	1.3	75.3	75.6	1.6	74.0
India	80.6	27.8	52.8	75.0	23.2	51.8	74.2	20.2	54.0
Honduras	33.7	30.2	3.5	61.9	55.2	6.7	72.0	61.1	10.9
Guatemala	59.8	51.7	8.1	50.7	33.9	16.8	70.2	48.2	22.0
Ecuador	66.0	60.7	5.3	80.2	69.6	10.6	62.1	55.1	7.0
Ivory Coast <sup>3</sup>	54.2	53.2	1.0	48.6	46.9	1.7	62.0	61.2	.8
Angola	35.8	35.4	4	67.5	66.6	.9	57.8	57.2	.6
Germany, West	31.7	2.8	28.9	45.9	4.3	41.6	53.6	4.6	49.0
Panama	18.0	16.5	1.5	53.5	47.0	6.5	51.4	44.6	6.8
Poland	30.7	( <sup>4</sup> )	30.7	47.0	.4	46.6	48.1	6	47.5
Uganda <sup>3</sup>	42.8	42.6	2	48.4	48.4	( <sup>4</sup> )	44.8	44.7	.1
China (Taiwan)	26.5	3.8	22.7	40.3	2.0	38.3	43.6	3.0	40.6
Nicaragua	26.4	12.9	13.5	37.2	14.1	23.1	42.5	14.9	27.6
Ireland	21.5	1.2	20.3	36.1	4.3	31.8	38.2	5.6	32.6
El Salvador	34.3	31.7	2.6	24.9	18.3	6.6	37.5	29.2	8.3
Ghana	51.3	51.2	1	50.4	47.6	2.8	36.5	35.5	1.0
Ethiopia	38.7	36.8	1.9	44.9	43.2	1.7	36.3	34.2	2.1
Greece	30.4	5	29.9	45.9	.5	45.4	36.1	.8	35.3
Japan	43.8	22.8	21.0	34.4	4.2	30.2	36.0	4.4	31.6
United Kingdom	23.8	8.3	15.5	28.8	9.5	19.3	34.9	12.4	22.5
Liberia	24.0	24.0	( <sup>4</sup> )	20.7	20.7	( <sup>4</sup> )	28.8	28.8	0
Malagasy Republic	15.4	14.5	.9	28.8	27.3	1.5	28.0	26.3	1.7
Yugoslavia	13.5	8	12.7	26.3	.8	25.5	27.6	.9	26.7
Ceylon	32.2	32.1	1	28.4	27.8	.6	27.3	26.2	1.1
Portugal	4.9	4.2	4.2	24.4	.1	24.3	25.1	.1	25.0
South Africa, Republic of	37.5	.9	36.6	33.2	1.3	31.9	24.9	.8	24.1
Iran	17.1	1.3	15.8	24.6	1.6	23.0	24.8	1.4	23.4
Thailand	29.8	20.9	8.9	20.5	10.9	9.6	24.3	16.2	8.1
Nigeria	35.4	31.8	3.6	29.4	24.6	4.8	22.7	18.7	4.0
Venezuela	18.9	18.1	.8	19.9	14.5	5.4	21.0	12.9	8.1
Cameroon	6.2	6.0	.2	18.4	17.5	.9	19.8	17.6	2.2
Congo (Kinshasa)	31.4	24.7	6.7	17.2	11.6	5.6	18.9	14.1	4.8
Other	252.4	71.9	180.5	307.4	109.2	198.2	321.2	119.1	202.1
Total	3,879.5	1,794.9	2,084.6	4,656.3	1,811.3	2,845.0	4,931.3	1,858.8	3,072.5

<sup>1</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such United States commodities. Complementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>2</sup> Averages include the former Federation of Malaya and State of Singapore.

<sup>3</sup> Prior to 1964, not separately classified.

<sup>4</sup> Less than \$50,000.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 821.—Agricultural exports: Value of U.S. exports to the European Economic Community, by commodity, years ending June 30, 1967-69

Commodity	1967	1968	1969 <sup>1</sup>
<b>VARIABLE-LEVY COMMODITIES<sup>2</sup></b>			
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Feed grains.....	367,694	391,001	267,751
Corn.....	278,933	338,474	253,360
Sorghum grain.....	58,957	37,295	9,682
Barley.....	19,668	12,258	2,934
Oats.....	10,136	2,974	1,775
Rice.....	22,255	25,176	27,408
Rye grain.....	5,528	2,168	977
Wheat grain.....	95,644	86,878	85,028
Wheat flour.....	1,562	928	980
Beef and veal, excluding variety meats.....	540	503	490
Fork, excluding variety meats.....	411	298	279
Lard <sup>3</sup> .....	1,189	1,140	154
Dairy products.....	1,245	1,062	832
Poultry and eggs.....	22,525	16,886	13,622
Live poultry.....	1,802	1,699	2,195
Broilers and fryers.....	4,897	1,364	1,070
Stewing chickens.....	151	31	14
Turkeys.....	14,022	12,317	9,010
Other fresh poultry.....	450	169	132
Eggs.....	1,203	1,306	1,201
Other.....	7,583	6,808	9,658
Total.....	526,176	532,848	407,179
<b>NONVARIABLE-LEVY COMMODITIES</b>			
Canned poultry <sup>4</sup> .....	2,663	1,348	244
Cotton, excluding linters.....	84,002	70,177	29,990
Fruits and preparations.....	69,109	52,614	52,481
Fresh fruits.....	24,198	19,033	21,961
Citrus.....	22,116	18,233	20,681
Oranges and tangerines.....	9,783	7,452	10,018
Lemons and limes.....	8,655	8,489	8,353
Grapefruit.....	3,662	2,287	2,235
Other.....	16	5	75
Apples.....	948	268	880
Grapes.....	495	85	77
Other.....	639	447	323
Dried fruits.....	8,178	8,142	7,786
Raisins.....	1,448	1,646	1,970
Prunes.....	6,088	6,110	5,551
Other.....	642	386	265
Fruit juices.....	6,443	9,509	7,035
Orange.....	3,830	6,580	4,421
Grapefruit.....	1,311	1,631	1,481
Other.....	1,302	1,298	1,133
Canned fruits <sup>5</sup> .....	28,741	15,065	14,628
Peaches.....	12,822	3,621	3,739
Fruit cocktail.....	7,040	4,812	4,861
Pineapples.....	7,930	5,665	5,266
Other.....	949	967	762
Other fruits.....	1,549	865	1,071
Vegetables and preparations.....	21,385	12,233	16,026
Pulse.....	13,143	6,077	8,199
Dried beans.....	7,251	1,871	3,520
Dried peas.....	5,892	4,206	4,679
Fresh vegetables.....	812	1,168	1,417
Canned vegetables.....	4,067	1,965	1,910
Asparagus.....	3,241	1,363	1,180
Other.....	826	602	730
Other vegetables and preparations.....	3,363	3,023	4,500
Hides and skins.....	22,323	19,183	23,459
Cattle hides.....	16,350	13,139	18,203
Calf and kip skins.....	3,711	3,417	2,174
Other.....	2,262	2,627	3,082
Oilseeds and products.....	482,004	456,603	486,716
Oil cake and meal.....	151,400	169,651	173,434
Soybean.....	144,873	164,522	165,578
Other.....	6,527	5,129	7,856
Oilseeds.....	318,040	278,356	299,245
Soybeans.....	294,099	260,950	272,009
Flaxseed.....	20,364	12,918	23,452
Other.....	3,577	4,488	3,784
Vegetable oils.....	12,564	8,596	14,037
Cottonseed.....	93	113	2,860
Soybean.....	59	69	102
Linseed.....	8,854	4,583	5,334
Other.....	3,558	3,831	5,741

See footnotes at end of table.

**Table 821.—Agricultural exports: Value of U.S. exports to the European Economic Community, by commodity, years ending June 30, 1967–69—Continued**

Commodity	1967	1968	1969 <sup>1</sup>
NONVARIABLE-LEVY COMMODITIES — Continued			
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Tallow <sup>4</sup> .....	30,473	21,213	17,174
Tobacco, unmanufactured.....	153,995	124,095	147,042
Variety meats, fresh or frozen <sup>4</sup> .....	38,187	32,604	32,224
Nuts and preparations.....	4,728	7,003	4,365
Hops.....	3,777	1,713	1,192
Corn byproducts, feed <sup>6</sup> .....	18,404	24,537	33,956
Food for relief and charity.....	3,784	826	508
Other.....	48,879	45,885	47,381
Total.....	983,713	870,034	892,758
Total European Community.....	1,509,889	1,402,882	1,299,937

<sup>1</sup> Preliminary.<sup>2</sup> Grains, poultry, and pork were subject to variable levies beginning on July 30, 1962; rice, on Sept. 1, 1964; and beef and dairy products, on Nov. 1, 1964.<sup>3</sup> Lard for food is a variable-levy commodity, while lard for industrial use is bound in the General Agreement on Tariffs and Trade (GATT) at 3 percent ad valorem. U.S. lard is for food use.<sup>4</sup> Although canned poultry, tallow, and variety meats are subject to variable levies, these cannot exceed the amount of import duties bound in GATT.<sup>5</sup> Variable levy on sugar-added content.<sup>6</sup> Mainly corn gluten feed and meal, which are nonvariable-levy commodities, but may contain small quantities of other corn products, subject to variable levies (see "Export Highlights, March 1970").

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 822.—European Economic Community: Value of agricultural imports by origin, 1954–69<sup>1</sup>**

Year <sup>2</sup>	United States	EEC countries	Other countries	Total <sup>3</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1954.....	756	868	4,754	6,378
1955.....	779	1,076	4,598	6,453
1956.....	1,047	1,120	5,319	7,486
1957.....	1,154	1,296	5,478	7,928
1958.....	857	1,087	4,976	6,920
1959.....	856	1,353	5,613	7,822
1960.....	1,134	1,543	6,029	8,706
1961.....	1,247	1,755	5,935	8,937
1962.....	1,253	1,980	6,571	9,804
1963.....	1,300	2,230	6,913	10,443
1964.....	1,559	2,534	7,203	11,296
1965.....	1,641	3,032	7,511	12,184
1966.....	1,803	3,275	8,002	13,080
1967.....	1,549	3,511	7,642	12,702
1968.....	1,542	4,166	7,360	13,068
1969.....	1,495	5,365	8,299	15,159

<sup>1</sup> Based on data from the United Nations, Organization for Economic Cooperation and Development, and European Economic Community.<sup>2</sup> Beginning in 1961, data were revised to include sugar preparations and fur skins.<sup>3</sup> C.i.f. basis.Economic Research Service. Data for 1952-53 in *Agricultural Statistics, 1967*, table 836.

Table 823.—World crops: Production of fruits and miscellaneous crops, average 1960-64, annual 1967-69<sup>1 2</sup>

Crop	Unit	Average 1960-64	1967	1968 <sup>3</sup>	1969 <sup>3</sup>
		<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Apples <sup>4</sup>	Bushel	653	757	729	811
Pears <sup>4</sup>	do.	179	200	242	229
Grapes	Ton	45	56		
Oranges	Box <sup>5</sup>	417	568	672	694
Grapefruit	do.	48	61	72	70
Lemons	do.	43	53	59	59
Cacao beans <sup>6</sup>	Pound	2,527	2,944	2,977	2,722
Coffee <sup>6</sup>	132 lb. bag	65	68	61	65
Tea <sup>7</sup>	Pound	1,909	2,165	2,277	2,280
Hops	do.	183	207	196	204
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Prunes	Ton	206	230	197	198
Raisins	Ton	541	521	653	545
Almonds, shelled	Ton	112	132	143	128
Filberts, unshelled	Ton	184	164	263	232
Walnuts, unshelled <sup>8</sup>	Ton	163	152	173	180
Castor beans <sup>9</sup>	Ton	747	927	941	984
Rapeseed	Ton	4,016	5,536	5,944	5,521
Sesame seed <sup>9</sup>	Ton	1,706	1,803	1,666	1,750
Sunflower seed <sup>9</sup>	Ton	7,290	10,329	10,247	10,128
		<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Abaca <sup>7</sup>	Pound	232	209	180	168
Honequen <sup>7</sup>	do.	361	341	295	284
Jute <sup>7</sup>	do.	4,852	5,850	4,157	6,201
Sisal <sup>7</sup>	do.	1,420	1,383	1,333	1,330

<sup>1</sup> Production figures may vary from commodity by country breakdown due to later estimates.

<sup>2</sup> Unless otherwise indicated, the years shown refer to years of harvest in the Northern Hemisphere countries. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crops harvested in the Northern Hemisphere in 1968 are combined with Southern Hemisphere harvests which begin late in 1968 and end in the first half of 1969.

<sup>3</sup> Preliminary.

<sup>4</sup> Dessert and cooking varieties. Apples changed from 48 pounds per bushel to 42 pounds; pears from 50 pounds per bushel to 45 pounds.

<sup>5</sup> Foreign production in equivalent boxes: oranges, 70 pounds; grapefruit, 80 pounds; lemons, 76 pounds.

<sup>6</sup> Year ending Sept. 30 of year shown.

<sup>7</sup> Year beginning Jan. 1. Excluding mainland China.

<sup>8</sup> Eight leading countries.

<sup>9</sup> Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 824.—World crops: Acreage and production of principal crops, average 1960-64, annual 1967-69<sup>1 2</sup>

Crop	Acreage harvested				Unit	Production			
	Average 1960-64	1967	1968 <sup>3</sup>	1969 <sup>3</sup>		Average 1960-64	1967	1968 <sup>3</sup>	1969 <sup>3</sup>
	Million acres	Million acres	Million acres	Million acres		Millions	Millions	Millions	Millions
Wheat.....	506	532	551	530	Bushel.....	8,516	10,185	11,318	10,724
Rye.....	69.6	55.9	55.3	53.1	do.....	1,273	1,197	1,259	1,204
Bread grains (sub-total).....	575.6	587.9	606.3	583.1	do.....	9,789	11,282	12,577	11,928
Rice <sup>4</sup> .....	221	236	239	243	100 lb. bag.....	3,527	4,034	4,063	4,272
Barley.....	153	159	166	172	Bushel.....	3,886	4,731	5,199	5,227
Oats.....	86.4	74.8	76.8	77.4	do.....	3,355	3,266	3,500	3,486
Corn for grain.....	246	257	252	257	do.....	7,693	9,496	9,046	9,616
Feed grains (sub-total).....	485.4	490.8	494.8	506.4	Ton.....	362	431	434	450
Cotton.....	80.7	76.6	80.0	80.2	Bale <sup>5</sup> .....	48.4	47.5	53.2	51.3
Cottonseed.....					Ton.....	22.5	22.1	24.4	23.5
Tobacco <sup>6</sup> .....	9.3	10.2	10.0	9.7	Pound.....	8,903	10,351	9,946	9,894
Beet sugar, centrifugal.....	17.6	18.6	18.4	18.1	Ton.....	24,263	31,139	33,401	33,862
Cane sugar, centrifugal.....					Ton.....	32,923	39,998	39,579	41,469
Sugar, centrifugal, all.....					Ton.....	57,186	71,137	72,980	75,331
Sugar, noncentrifugal.....					Ton.....	7,619	8,762	8,454	9,505
Potatoes <sup>7</sup> .....	47	43	43	42	100 lb. bag.....	5,176	5,554	5,689	5,071
Dry edible beans <sup>8</sup> .....	18.1	21.3	21.3	20.3	do.....	108.2	129.9	115.1	123.4
Dry peas <sup>9</sup> .....	4.1	3.4	3.2	3.2	do.....	34.7	24.9	29.8	29.9
Flaxseed.....	19.4	13.9	15.6	17.1	Bushel.....	132.0	91.9	121.2	141.5
Soybeans <sup>10</sup> .....	55.5	68.5	69.8	70.3	do.....	1,014.9	1,338.7	1,454.2	1,486.6
Peanuts <sup>10</sup> .....	41.4	45.7	44.3	45.8	Ton.....	16.3	19.1	16.7	18.4
Total area shown.....	1,575.1	1,615.9	1,645.7	1,639.2					

<sup>1</sup> Acreage and production figures may vary from those in the commodity tables by country breakdown due to later estimates.

<sup>2</sup> Unless otherwise indicated, the years shown refer to years of harvest in the Northern Hemisphere countries. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crops harvested in the Northern Hemisphere in 1968 are combined with Southern Hemisphere harvests which begin late in 1968 and end in the first half of 1969.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes Communist China and U.S.S.R.

<sup>5</sup> Bales of 480 pounds.

<sup>6</sup> Year beginning Jan. 1.

<sup>7</sup> 32 countries.

<sup>8</sup> 33 countries.

<sup>9</sup> 21 countries; excludes mainland China, which is the world's largest producer.

<sup>10</sup> Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 825.—Precipitation and temperature, by States and climatic divisions, annual averages, 1969

State and climatic division	1969		State and climatic division	1969		State and climatic division	1969	
	Total precipitation (inches)	Average temperature (° F.)		Total precipitation (inches)	Average temperature (° F.)		Total precipitation (inches)	Average temperature (° F.)
Maine:			Illinois—Continued			Nebraska—Continued		
Northern	44.92	39.8	East Southeast	45.95	52.9	Northeast	25.49	47.3
Southern Interior	52.78	43.9	Southwest	49.19	55.2	Central	24.13	48.1
Coastal	52.64	46.2	Southeast	49.38	55.6	East Central	26.93	49.2
New Hampshire:			Michigan:			Southwest	20.13	49.0
Northern	50.23	41.0	West Upper	28.51	40.4	South Central	29.19	50.1
Southern	47.67	45.5	East Upper	31.95	41.3	Southeast	33.10	50.7
Vermont:			Northwest Lower	35.75	43.6	Kansas:		
Northeastern	41.88	42.3	Northeast Lower	29.95	43.3	Northwest	20.08	51.2
Western	40.13	45.0	West Central			North Central	27.83	52.2
Southeastern	47.61	44.6	Lower	34.32	45.8	Northeast	34.37	52.6
Massachusetts:			Central Lower	30.70	46.2	West Central	23.22	52.5
Western	49.52	45.4	East Central			Central	31.38	53.8
Central	47.81	48.0	Lower	26.83	46.8	East Central	41.96	54.0
Coastal	51.08	49.9	Southwest Lower	35.96	48.0	Southwest	24.55	54.8
Rhode Island	48.69	50.3	South Central			South Central	30.13	56.0
Connecticut:			Lower	30.01	47.3	Southeast	43.29	56.4
Northwest	53.22	46.8	Southeast Lower	29.93	48.3	Delaware:		
Central	48.03	48.6	Wisconsin:			Northern	39.24	53.8
Coastal	46.99	50.3	Northwest	24.84	41.4	Southern	50.37	54.6
New York:			North Central	28.10	40.8	Maryland:		
Western Plateau	36.31	45.1	Northeast	29.40	41.7	Southern Eastern		
Eastern Plateau	39.83	45.5	West Central	27.71	43.9	Shore	46.80	55.6
Northern Plateau	43.59	41.1	Central	30.49	43.4	Central Eastern		
Coastal	46.77	52.7	East Central	28.00	44.2	Shore	45.06	55.8
Hudson Valley	43.42	48.0	Southwest	29.75	45.4	Lower Southern	42.87	55.7
Mohawk Valley	40.75	45.4	South Central	29.19	45.8	Upper Southern	42.02	55.0
Champlain Valley	33.41	44.3	Southeast	31.07	46.1	Northern Eastern		
St. Lawrence			Minnesota:			Shore	45.37	55.1
Valley	33.89	43.6	Northwest	21.77	34.8	Northern Central	37.32	53.0
Great Lakes	37.41	46.8	North Central	27.35	38.7	Appalachian Mts.	31.15	52.2
Central Lakes	33.66	46.3	Northeast	28.62	38.3	Allegheny Plateau	36.21	46.5
New Jersey:			West Central	23.74	41.5	Virginia:		
Northern	46.83	50.6	Central	23.02	42.7	Tidewater	44.58	57.4
Southern	47.25	53.2	East Central	23.51	41.7	Eastern Piedmont	43.57	55.7
Coastal	44.09	53.6	Southwest	26.48	43.0	Western Piedmont	42.69	55.2
Pennsylvania:			South Central	26.51	43.7	Northern	38.31	53.4
Pocono Mts.	41.94	46.6	Southeast	27.69	43.4	Central Mountain	41.05	52.3
East Central Mts.	42.86	48.6	Iowa:			Southwestern Mts.	36.48	51.8
Southeastern			Northwest	30.13	44.5	West Virginia:		
Piedmont	40.64	52.7	North Central	35.09	44.4	Northwestern	34.69	52.3
Lower Susquehanna	35.26	52.1	Northeast	34.38	45.7	North Central	38.27	51.4
Middle Susquehanna	35.49	49.4	West Central	29.63	47.1	Southwestern	37.25	53.6
Upper Susquehanna	34.23	45.7	Central	37.67	47.1	Central	44.81	48.2
Central Mts.	35.37	46.8	East Central	38.61	48.4	Southern	33.74	51.3
South Central Mts.	34.18	49.3	Southwest	35.95	49.7	Northeastern	29.33	51.6
Southwest Plateau	35.16	49.2	South Central	35.98	49.5	North Carolina:		
Northwest Plateau	39.29	46.7	Southeast	39.62	50.0	Southern Mts.	56.08	53.9
Ohio:			Missouri:			Northern Mts.	55.34	52.5
Northwest	35.56	49.0	Northwest Prairie	44.17	52.6	Northern Piedmont		
North Central	39.93	49.0	Northeast Prairie	47.89	52.7	Central Piedmont	41.04	57.2
Northeast	37.62	48.2	West Central			Southern Piedmont	44.59	57.4
West Central	39.95	49.2	Plains	48.46	54.7	Southern Coastal		
Central	37.70	50.8	West Ozarks	36.19	55.7	Plain	56.47	60.7
Central Hills	39.89	48.5	East Ozarks	40.37	54.7	Central Coastal		
Northeast Hills	33.30	49.9	Bootheel	47.09	58.0	Plain	50.44	60.4
Southwest	35.79	52.2	North Dakota:			Northern Coastal		
South Central	33.39	52.8	Northwest	16.49	38.5	Plain	50.88	59.6
Southeast	33.03	50.3	North Central	15.58	37.5	South Carolina:		
Indiana:			Northeast	15.61	37.4	Mountain	81.91	51.4
Northwest	34.89	49.3	West Central	16.37	39.9	Northwest	53.14	59.2
North Central	38.69	48.6	Central	16.88	39.1	North Central	45.09	59.9
Northeast	35.50	48.6	East Central	20.74	39.6	Northeast	49.16	61.1
West Central	41.13	50.7	Southwest	15.69	41.0	West Central	46.39	60.4
Central	41.70	49.9	South Central	15.52	40.6	Central	42.85	62.0
East Central	41.60	49.4	Southeast	18.12	40.4	Southern	55.54	63.1
Southwest	46.80	53.9	South Dakota:			Georgia:		
South Central	43.65	52.8	Northwest	14.01	43.8	Northwest	51.06	58.4
Southeast	39.15	53.8	North Central	16.37	43.0	North Central	55.59	58.0
Illinois:			Northeast	19.12	41.9	Northeast	57.22	58.4
Northwest	36.80	48.4	Black Hills	19.50	44.3	West Central	46.47	61.1
Northeast	35.17	48.5	Southwest	14.89	47.6	Central	45.13	62.2
West	43.59	50.9	Central	14.93	45.6	East Central	45.55	62.7
Central	35.40	50.7	East Central	20.97	43.3	Southwest	45.60	64.7
East	36.03	50.7	South Central	16.37	47.5	South Central	47.65	64.8
West Southwest	44.95	52.2	Southeast	24.64	45.9	Southeast	58.09	65.3
			Nebraska:					
			Pawhandle	15.63	47.6			
			North Central	17.78	47.2			

Table 825.—Precipitation and temperature, by States and climatic divisions, annual averages, 1969—Continued

State and climatic division	1969		State and climatic division	1969		State and climatic division	1969	
	Total precipitation (inches)	Average temperature (° F.)		Total precipitation (inches)	Average temperature (° F.)		Total precipitation (inches)	Average temperature (° F.)
Florida:			Texas—Continued			Utah:		
Northwest.....	64.50	66.2	Edwards Plateau.....	30.26	65.5	Western.....	8.70	50.2
North.....	61.32	67.7	South Central.....	35.48	69.4	Dixie.....	13.43	57.7
North Central.....	59.73	70.4	Upper Coast.....	43.43	69.3	North Central.....	15.88	50.1
South Central.....	61.09	71.4	Southern.....	22.91	71.8	South Central.....	14.77	48.0
Everglades and S.W. Coast.....	63.47	72.8	Lower Valley.....	20.26	73.7	Northern Mts.....	21.08	42.3
Lower East Coast.....	73.22	73.9	Montana:			Uinta Basin.....	10.42	46.3
Keys.....	62.74	76.9	Western.....	17.77	42.6	Southeast.....	11.71	52.4
Kentucky:			Southwestern.....	17.12	40.3	Nevada:		
Western.....	50.78	56.4	North Central.....	11.10	40.5	Northwestern.....	12.31	50.2
Central.....	44.95	55.3	Central.....	13.42	42.1	Northeastern.....	12.24	45.7
Blue Grass.....	37.34	53.8	South Central.....	15.94	43.7	South Central.....	9.94	51.0
Eastern.....	39.71	53.5	Northeastern.....	14.51	40.6	Extreme Southern.....	8.36	63.4
Tennessee:			Southeastern.....	13.83	43.1	Washington:		
Eastern.....	47.02	55.4	Idaho:			West Olympic Coastal.....	86.77	49.2
Cumberland Plateau.....	55.58	55.1	Panhandle.....	27.77	45.4	N. E. Olympic-San Juan.....	20.03	49.4
Middle.....	50.45	56.9	N.C. Prairies.....	19.26	44.9	Puget Sound Lowlands.....	37.14	50.6
Western.....	48.29	58.2	N.C. Canyons.....	20.15	51.7	East Olympic-Cascade Foothills.....	54.56	49.5
Alabama:			Central Mts.....	23.26	43.0	Cascade Mts.-West Cascades.....	71.28	44.2
Northern Valley.....	60.90	59.1	Southwestern Valleys.....	12.22	51.2	Okanogan-Big Bend.....	24.34	44.3
Appalachian Mt. Upper Plains.....	54.93	58.8	Southwestern.....			Central Basin.....	11.61	46.5
Upper Plains.....	53.55	60.9	Highlands.....	8.98	46.6	Northeastern.....	8.89	50.3
Eastern Valley.....	50.54	60.5	Central Plains.....	8.17	47.9	Northeastern.....	20.17	44.3
Piedmont Plateau.....	52.08	60.6	Northeastern Valleys.....	8.51	42.3	Palouse-Blue Mountains.....	15.49	48.9
Prairie.....	45.89	62.8	Upper Snake River Plains.....	11.33	44.3	Oregon:		
Coastal Plain.....	50.05	63.5	Plains.....	11.33	44.3	Coastal Area.....	75.04	51.6
Gulf.....	68.60	66.8	Eastern Highlands.....	14.90	42.5	Willamette Valley.....	50.16	51.5
Mississippi:			Wyoming:			Southwestern Valleys.....		
Upper Delta.....	50.83	61.5	Yellowstone Drainage.....	14.38	38.5	Valleys.....	35.93	51.6
North Central.....	54.81	60.2	Snake Drainage.....	18.79	37.9	Northern Cascades.....	65.64	47.4
Northeast.....	60.82	59.9	Green and Bear Drainage.....	9.18	39.2	High Plateau.....	25.53	42.6
Lower Delta.....	47.74	63.0	Big Horn and Wind River Drainage.....	8.76	45.1	North Central.....	13.77	49.6
Central.....	47.94	62.4	Powder, Little Missouri and Tongue Drainage.....	11.42	43.6	South Central.....	13.65	46.3
East Central.....	53.44	61.6	Belle Fourche Drainage.....	14.05	44.2	Northeast.....	18.47	45.3
Southwest.....	47.29	64.5	Cheyenne and Niobrara Drainage.....	12.80	45.9	Southeast.....	9.91	49.8
South Central.....	46.46	64.5	Lower Platte Wind River.....	7.50	44.5	California:		
Southeast.....	46.45	63.4	Upper Platte.....	11.63	42.0	North Coast Drainage.....	47.51	54.2
Coastal.....	57.35	66.8	Colorado:			Sacramento Drainage.....	48.11	55.7
Arkansas:			Arkansas Drainage.....	18.83	48.6	N. E. Interior Basins.....	29.88	45.1
Northwest.....	42.38	57.4	Colorado Drainage.....	19.37	43.1	Central Coast Drainage.....	28.11	57.6
North Central.....	39.75	57.6	Kansas Drainage.....	19.13	50.7	San Joaquin Drainage.....	29.25	59.3
Northeast.....	46.25	59.8	Platte Drainage.....	20.54	45.6	South Coast Drainage.....	26.89	60.9
West Central.....	45.63	60.2	Rio Grande Drainage.....	17.12	40.8	S. E. Desert Basins.....	12.84	63.9
Central.....	48.40	60.9	New Mexico:			Alaska:		
East Central.....	43.31	60.9	Northwestern Plateau.....	13.98	50.1	Southeastern.....	87.56	42.2
Southwest.....	50.43	62.1	Northern Mts.....	20.50	47.0	South Coast.....	90.77	39.9
South Central.....	49.78	62.0	Northeastern Plateaus.....	23.26	55.5	Southwestern.....		
Southeast.....	49.12	62.0	Southwestern Mts.....	12.71	50.1	Islands.....	38.45	39.0
Louisiana:			Central Valley.....	10.87	57.0	Copper River.....	12.77	27.8
Northwest.....	45.65	64.2	Central Highlands.....	20.73	50.0	Cook Inlet.....	15.68	35.8
North Central.....	41.49	64.1	Southeastern Plains.....	16.68	59.6	Bristol Bay.....	24.36	34.7
Northeast.....	41.96	64.3	Southern Desert.....	10.49	60.0	West Central.....	12.01	28.9
West Central.....	44.52	65.2	Arizona:			Interior Basin.....	9.05	25.2
Central.....	52.94	65.7	Northwest.....	10.73	63.2	Artic Drainage.....	6.67	17.6
East Central.....	54.80	66.4	Northeast.....	13.65	52.1	Hawaii:		
Southwest.....	53.56	67.1	North Central.....	17.38	58.3	Island of Kauai.....	69.79	70.8
South Central.....	58.47	67.9	East Central.....	18.52	60.0	Island of Oahu.....	62.11	74.4
Southeast.....	53.62	68.1	Southwest.....	5.16	71.8	Island of Molokai.....	30.98	74.3
Oklahoma:			South Central.....	9.33	69.2	Island of Lanai.....	33.29	69.3
Panhandle.....	25.18	56.8	Southeast.....	12.19	62.8	Island of Maui.....	85.48	70.0
North Central.....	30.33	59.0	Texas:			Island of Hawaii.....	79.63	69.2
Northeast.....	36.51	59.0	High Plains.....	23.33	58.2			
West Central.....	25.15	59.7	Low Rolling Plains.....	28.10	62.5			
Central.....	29.17	60.4	North Central.....	37.27	64.8			
East Central.....	43.61	60.7	East Texas.....	45.65	65.6			
Southwest.....	28.65	61.7	Trans Pecos.....	11.77	64.4			
South Central.....	37.51	62.4						
Southeast.....	48.94	62.0						

Table 826.—Commodity futures: Volume and estimated value of futures trading for principal commodities, years ending June 30, 1965-69<sup>1</sup>

Commodity	Unit	Volume of trading					Value of trading				
		1965	1966	1967	1968	1969	1965	1966	1967	1968	1969
							<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Wheat.....	Million bushels....	2,826	6,000	10,425	9,260	6,930	4,211	9,959	18,644	13,818	9,003
Corn.....	do.....	3,702	5,376	13,068	7,560	8,586	4,644	6,658	18,399	8,937	10,007
Oats.....	do.....	483	399	569	414	693	330	277	430	298	460
Rye.....	do.....	260	399	276	193	136	329	512	356	234	160
Soybeans.....	do.....	19,534	16,277	9,501	4,805	4,714	56,043	46,232	28,638	12,957	12,127
Sorghum grain.....	Million pounds.....			3,402	708	629			71	13	12
Cotton.....	1,000 bales.....	205	66	86	19,742	15,419	32	8	11	3,256	2,236
Wool.....	6,000 pounds.....	21,309	48,438	24,185	15,198	7,859	163	367	184	108	55
Eggs, shell.....	1,000 cartons.....	63	96	71	41	257	315	487	423	252	1,889
Eggs, frozen.....	1,000 contracts.....	7	20	3	1	2	52	158	27	10	20
Potatoes.....	1,000 cartons.....	603	413	702	412	567	1,491	753	1,236	580	996
Cottonseed oil.....	60,000 pounds.....	27,941	8,725	3,689	175	38	224	74	34	1	
Soybean oil.....	do.....	566,332	587,305	429,746	267,328	426,416	3,666	3,741	2,918	1,397	2,046
Soybean meal.....	1,000 tons.....	30,188	37,733	42,318	33,285	40,564	1,997	2,615	3,343	2,471	3,061
Cattle, live beef.....	40,000 pounds <sup>2</sup> .....	26,541	106,412	250,636	281,336	624,922	173	712	1,618	1,873	6,142
Steers, choice.....	27,600 pounds.....			17,608	27,333	46,067			125	203	383
Hogs, live.....	20,000 pounds.....		3,566	8,990	11,026	12,834		18	41	45	60
Pork, frozen bellies.....	30,000 pounds.....	388,326	778,991	845,383	1,311,597	1,670,102	3,750	10,475	9,731	12,998	17,310
Hides.....	40,000 pounds.....	4,722	10,440	5,940	3,040	680	22	86	37	14	3
Orange juice, frozen concentrated.....	15,000 pounds.....			6,834	77,756	179,906			36	608	1,515
Total.....							77,442	83,132	86,302	60,073	67,485

<sup>1</sup> All contract markets combined.

<sup>2</sup> Prior to the 1969 August future, contract unit was 25,000 pounds.

Commodity Exchange Authority.

Table 827.—Commodity futures: Estimated number of futures transactions and number of monthend open contracts for principal commodities, years ending June 30, 1965-69 <sup>1</sup>

Commodity	Transactions (one side only)					Monthend open contracts				
	1965	1966	1967	1968	1969	1965	1966	1967	1968	1969
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
Wheat.....	565	1,200	2,085	1,852	1,386	24,258	32,043	42,402	48,168	42,986
Corn.....	740	1,075	2,614	1,512	1,717	31,741	33,568	65,142	46,952	49,261
Oats.....	97	80	114	82	139	4,589	3,223	5,018	2,814	4,268
Rye.....	52	80	55	38	27	1,815	2,155	2,013	1,708	1,014
Soybeans.....	3,907	3,255	1,900	961	943	59,779	47,843	42,927	34,908	33,386
Sorghum grain.....			12	2	2			712	184	181
Cotton.....	2	1	1	198	154	384	205	247	5,691	5,812
Wool.....	21	46	24	15	8	1,958	4,236	2,727	2,217	1,422
Eggs, shell.....	63	96	71	41	257	1,369	2,252	1,152	1,208	4,119
Eggs, frozen.....	7	20	3	1	2	180	508	132	98	125
Potatoes.....	602	413	702	412	567	13,244	13,429	15,488	14,702	16,771
Cottonseed oil.....	28	9	4			1,357	435	224	27	5
Soybean oil.....	566	587	430	268	426	17,454	17,336	15,135	10,789	16,089
Soybean meal.....	302	377	423	333	406	12,445	12,037	13,050	11,390	15,012
Cattle, live beef.....	27	106	250	282	625	1,945	6,731	16,246	16,460	22,427
Steers, choice.....			18	27	46			1,631	1,859	1,600
Hogs, live.....		4	9	11	13		689	533	731	732
Pork, frozen bellies.....	388	779	845	1,312	1,670	6,295	11,100	12,086	15,412	17,754
Hides.....	5	11	6	3	1	321	331	295	310	116
Orange juice, frozen concentrated.....			7	78	180			556	3,660	5,619
Total.....	7,372	8,139	9,573	7,428	8,569	179,134	188,121	237,716	219,288	238,699

<sup>1</sup> In terms of contract units, all contract markets combined.

Commodity Exchange Authority.

Table 828.—Fish: Catch and disposition of catch in commercial fisheries, United States, 1954–69 (round weight)

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
		Million pounds	Million pounds	Million pounds	Million pounds
1954	4,645	1,467	1,159	85	1,934
1955	4,794	1,568	1,039	86	2,101
1956	5,252	1,526	1,202	87	2,437
1957	4,778	1,446	1,117	88	2,127
1958	4,736	1,541	1,210	85	1,900
1959	5,122	1,539	977	83	2,523
1960	4,942	1,631	1,043	82	2,186
1961	5,187	1,572	1,077	81	2,457
1962	5,354	1,621	1,106	80	2,547
1963	4,847	1,657	1,073	78	2,039
1964	4,541	1,643	1,033	71	1,794
1965	4,776	1,750	1,042	76	1,908
1966	4,364	1,601	894	77	1,792
1967	4,055	1,452	1,001	77	1,525
1968	4,116	1,503	997	76	1,540
1969 <sup>1</sup>	4,292	1,509	935	70	1,778

<sup>1</sup> Preliminary.Bureau of Commercial Fisheries, U.S. Department of the Interior. Data for 1939-53 in *Agricultural Statistics, 1967*, table 842.Table 829.—Fresh and frozen packaged fish:<sup>1</sup> Production and value, by principal species, United States, 1954–69

Year	Cod		Flounders		Haddock	
	Quantity	Value	Quantity	Value	Quantity	Value
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1954	12,235	2,843	20,252	7,617	46,867	11,572
1955	11,667	2,785	22,515	8,638	38,226	9,833
1956	10,232	2,606	21,822	8,714	44,230	11,273
1957	10,087	2,489	24,259	9,336	39,401	11,800
1958	11,813	3,414	24,516	9,617	33,357	11,603
1959	12,583	3,552	24,386	9,740	30,613	10,143
1960	9,483	2,851	28,378	11,204	33,324	10,839
1961	10,128	3,204	31,517	12,207	38,160	12,009
1962	11,236	3,619	38,198	14,097	41,553	14,170
1963	10,432	3,395	45,894	16,426	36,708	13,284
1964	10,116	3,351	48,554	17,457	37,331	13,710
1965	9,975	3,530	49,586	20,267	40,154	16,286
1966	10,284	3,907	49,542	22,754	40,110	16,966
1967	14,006	5,409	45,287	20,731	34,069	15,376
1968	13,955	5,338	43,384	20,478	22,351	11,162
1969 <sup>2</sup>	15,407	8,140	46,184	24,938	13,353	8,492

Year	Ocean perch, Atlantic		Whiting		Other		Total	
	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
1954	55,539	12,615	3,308	555	33,504	10,984	171,705	46,186
1955	47,817	10,895	3,703	591	34,736	11,979	158,664	44,721
1956	44,570	10,023	3,188	591	38,757	14,135	152,799	47,342
1957	39,763	9,121	3,781	644	37,174	13,372	154,465	46,762
1958	43,626	10,612	4,208	796	38,355	15,185	155,875	51,227
1959	38,749	9,435	4,642	806	36,264	12,494	147,237	46,170
1960	43,551	10,177	2,951	571	35,479	12,795	153,166	48,437
1961	37,494	9,475	3,297	630	37,516	14,239	158,112	51,764
1962	35,485	9,429	3,180	641	41,876	17,351	171,528	59,307
1963	30,250	8,490	2,405	535	40,296	15,331	165,985	57,461
1964	23,815	6,324	2,094	460	39,211	16,062	161,121	57,364
1965	22,696	6,156	2,286	509	44,135	19,566	168,832	66,314
1966	21,664	5,743	2,438	617	41,852	19,549	165,890	69,536
1967	19,477	5,172	1,818	452	38,338	17,196	152,995	64,336
1968	15,556	3,953	2,090	528	38,176	18,917	135,512	60,368
1969 <sup>2</sup>	14,618	4,037	895	270	46,295	23,707	136,752	69,584

See footnotes on page 607.

Table 830.—Frozen fishery products: Production, by geographic divisions, 1954-69

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>
1954	142,606	14,064	13,164	2,385	2,783	50,044	77,612	302,658
1955	168,841	20,116	10,679	2,251	1,977	45,670	65,150	314,684
1956	145,399	16,280	23,386	2,726	2,826	53,503	80,844	324,964
1957	139,846	15,025	28,946	1,235	2,162	56,727	70,217	314,158
1958	140,605	11,489	29,454	2,169	1,818	59,783	76,835	322,153
1959	136,575	9,912	31,985	813	2,606	75,614	79,097	336,602
1960	144,907	9,197	34,840	829	1,195	67,919	69,854	328,741
1961	143,030	6,939	30,901	1,317	2,689	57,313	77,396	319,585
1962	146,555	9,461	32,257	548	1,428	61,899	91,331	343,479
1963	131,337	9,299	44,579	1,263	760	76,813	87,415	351,466
1964	125,802	9,211	41,332	482	60	75,412	79,985	323,284
1965	138,329	5,783	41,206	2,000	38	85,601	93,734	366,781
1966	135,162	4,327	39,780	421	28	75,696	103,225	358,639
1967	108,254	3,516	32,819	1,856	18	90,884	86,934	324,281
1968	126,187	3,609	45,555	1,222	41	104,363	87,450	368,427
1969	101,147	3,248	58,770	69	15	108,913	80,533	352,695

Bureau of Commercial Fisheries, U.S. Department of the Interior. Data for 1939-53 in *Agricultural Statistics, 1967*, table 843.

Table 831.—Canned fishery products: Production and value, United States, 1954-69

Year	Salmon	Sardines		Tuna and tuna-like fishes	Mackerel	Shrimp	Clam products <sup>1</sup>	Oysters	Other products <sup>1</sup>	Total
		Maine	Pacific							
Production										
	<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>	<i>1,000 lb.</i>	<i>1,000 lb.</i>
1954	199,810	59,579	60,215	214,454	16,748	14,021	43,005	6,245	248,552	862,629
1955	157,855	25,758	63,657	196,500	25,399	13,516	44,647	7,834	309,853	845,019
1956	164,768	45,296	33,963	229,570	50,235	13,065	48,163	6,494	383,543	975,097
1957	153,917	45,019	22,399	232,676	59,696	9,120	48,652	6,981	413,205	991,665
1958	179,134	49,139	100,016	279,238	18,199	14,308	47,212	5,580	406,426	1,099,252
1959	118,330	41,024	33,956	283,262	26,407	13,832	47,168	5,896	404,701	974,576
1960	136,049	46,744	27,714	301,664	42,064	14,268	45,256	5,747	464,050	1,083,556
1961	177,443	17,635	18,859	313,635	62,026	9,284	50,221	6,240	387,396	1,042,739
1962	182,435	50,248	6,168	336,116	54,917	13,249	54,019	4,501	432,057	1,137,710
1963	158,153	37,890	2,568	328,099	57,395	15,904	58,742	6,249	370,909	1,035,909
1964	180,442	20,259	5,438	350,301	48,187	9,740	60,348	5,912	414,938	1,095,565
1965	174,413	29,646	374	359,349	31,655	15,629	67,592	4,033	438,938	1,121,629
1966	209,161	31,182	116	398,694	18,575	14,201	69,795	2,800	443,086	1,187,610
1967	99,473	29,260	(?)	394,841	12,733	16,851	65,741	4,623	574,870	1,198,392
1968	165,490	40,489	.....	400,159	22,294	18,967	61,830	4,557	553,239	1,267,025
1969 <sup>3</sup>	120,948	24,402	.....	400,996	17,354	19,142	63,153	2,000	512,766	1,160,761
Value										
	<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>
1954	92,255	18,153	9,818	142,149	2,509	13,691	12,301	5,829	34,313	331,018
1955	81,356	9,333	10,014	125,259	3,334	13,562	12,057	7,004	41,246	303,165
1956	93,473	16,750	5,734	140,338	6,435	13,619	13,619	6,222	49,195	347,566
1957	86,149	14,733	4,721	135,907	7,404	13,136	13,317	7,008	53,454	335,829
1958	92,822	15,874	16,497	162,615	2,657	20,791	12,551	5,445	59,330	388,582
1959	71,827	14,902	5,399	159,526	4,235	16,948	13,291	5,721	56,402	348,251
1960	88,197	16,700	4,659	172,786	5,804	17,233	13,676	5,640	62,900	387,595
1961	116,955	7,560	3,664	190,293	8,529	11,742	15,824	5,776	62,493	422,836
1962	106,712	20,077	1,300	210,033	7,560	18,973	17,115	4,557	70,539	456,866
1963	87,963	13,244	685	202,158	7,603	19,531	17,449	5,633	67,341	421,607
1964	95,761	7,584	1,030	217,762	6,760	12,986	17,957	5,292	71,528	436,660
1965	122,744	10,868	71	233,370	4,997	20,655	18,097	3,701	90,728	495,231
1966	136,075	12,262	25	272,068	3,346	21,973	21,125	3,201	93,633	563,708
1967	76,121	13,862	(?)	264,056	2,363	24,332	21,726	6,152	116,951	525,563
1968	118,015	19,297	.....	270,569	4,098	29,444	20,444	5,624	116,417	583,908
1969 <sup>3</sup>	97,226	11,531	.....	299,636	3,317	27,946	21,648	2,164	117,344	580,812

<sup>1</sup> 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.

<sup>2</sup> Beginning 1967, included in "Other products."

<sup>3</sup> Preliminary.

Bureau of Commercial Fisheries, U.S. Department of the Interior. Data for 1939-53 in *Agricultural Statistics, 1967*, table 845.

Table 832.—Fishery products: United States imports for consumption, 1965–69

Class and item	Unit	1965		1966		1967		1968		1969	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Edible fishery products:											
Fresh or frozen:											
Fish, fresh-water and salt-water:			<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>
Whitefish.....	1,000 pounds..	13,382	5,278	11,296	4,783	10,037	4,525	10,335	4,794	8,963	4,701
Yellow pike.....	do.....	5,207	2,671	4,612	2,495	3,782	1,634	3,422	1,633	5,486	2,832
Cod, haddock, hake, pollock, and cusk.....	do.....	2,689	360	2,864	421	3,476	478	4,708	646	5,433	1,253
Halibut.....	do.....	21,726	7,508	19,496	7,531	15,567	4,837	18,082	5,627	20,093	8,563
Salmon.....	do.....	7,861	5,154	8,296	5,914	8,815	6,502	9,811	7,062	8,425	6,892
Sea herring.....	do.....	118,355	2,257	155,495	2,338	132,852	2,132	200,988	3,085	119,550	1,853
Tuna.....	do.....	339,221	48,501	403,372	81,838	357,760	66,479	384,827	69,592	393,304	72,427
Filleted, skinned, and boned.....	do.....	369,678	104,012	407,805	119,270	368,429	102,043	499,399	136,435	547,162	161,137
Other.....	do.....	49,002	14,294	47,515	14,152	45,536	14,460	55,790	18,940	50,145	15,797
Shellfish:											
Clams.....	do.....	573	97	703	125	708	171	749	271	1,087	494
Lobsters.....	do.....	56,411	78,701	53,970	76,575	50,908	71,519	59,815	99,036	62,439	112,708
Shrimp.....	do.....	160,287	111,277	176,425	141,239	183,512	148,451	184,798	158,228	190,158	172,114
Other.....	do.....	25,730	13,962	23,686	11,868	26,440	14,313	25,847	22,591	24,379	23,028
Canned fish and shellfish:											
Anchovies.....	do.....	5,593	3,900	5,723	3,971	4,930	3,693	6,036	4,820	5,444	5,326
Sardines.....	do.....	45,070	13,875	57,588	17,030	52,439	16,510	58,867	18,787	45,367	16,261
Tuna and bonito.....	do.....	54,893	21,471	64,414	28,392	66,954	30,678	68,066	32,002	73,834	37,369
Lobsters.....	do.....	2,980	7,336	3,018	7,064	2,864	7,295	2,644	6,587	2,771	8,141
Other.....	do.....	42,929	22,255	63,827	24,150	64,529	25,176	74,648	34,738	75,084	36,963
Cured fish, dried, pickled, salted, smoked or kippered.....	do.....	75,102	15,802	81,134	18,256	68,108	16,661	68,367	17,246	63,368	15,841
Other fish and shellfish.....	do.....	2,089	701	2,475	679	2,791	744	4,166	1,045	4,079	1,109
Total edible products.....	do.....	1,398,778	479,412	1,593,714	568,091	1,470,437	538,301	1,741,365	643,165	1,706,571	704,809
Nonedible fishery products:											
Fish and marine animal oils.....	1,000 gallons..	11,323	6,945	9,688	6,299	7,919	4,845	8,659	4,485	6,949	3,964
Fish scrap and meal.....	1,000 tons....	271	30,720	448	59,292	651	72,992	855	82,517	358	41,297
Other nonedible products.....			83,827		86,020		91,745		92,502		94,223
Total nonedible products.....			121,492		151,611		169,582		179,504		139,484
Grand total.....			600,904		719,702		707,883		822,669		844,293

Bureau of Commercial Fisheries, U.S. Department of the Interior. Compiled from the reports of the U.S. Department of Commerce.

FISHERY PRODUCTS

605

Table 833.—Domestic fishery products: United States exports, 1965–69

Class and item	Unit	1965		1966		1967		1968		1969	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>Edible fishery products:</b>											
Fresh or frozen:											
Fish:											
Cod, haddock, hake, pollock, and cusk	1,000 pounds..	764	187	1,196	327	1,242	296	519	150	612	208
Salmon	do	10,559	5,330	19,845	10,626	18,911	11,846	16,234	10,076	30,553	19,060
Other	do	14,701	3,047	19,012	4,061	17,256	3,971	12,279	3,039	22,255	5,166
Shellfish:											
Shrimp	do	6,837	6,144	4,927	5,046	8,112	8,654	12,147	11,280	25,219	22,146
Other	do	6,839	3,885	7,285	5,812	8,057	5,424	9,144	4,994	10,749	5,679
Canned:											
Fish:											
Mackerel	do	2,174	401	1,139	206	538	116	305	66	174	35
Salmon	do	24,892	15,916	20,484	14,561	20,543	15,593	5,726	4,604	15,536	11,565
Sardines	do	3,376	990	3,557	1,168	1,373	488	3,033	1,314	2,095	901
Other	do	3,245	2,000	8,889	6,267	5,409	5,182	4,926	4,571	5,105	4,649
Shellfish:											
Shrimp	do	4,510	4,809	4,479	5,192	5,255	5,585	4,467	4,758	5,682	5,753
Other	do	15,968	4,372	16,644	7,471	18,329	7,212	15,019	3,622	15,857	4,237
Cured:											
Miscellaneous fish	do	2,528	2,177	2,100	2,088	2,796	3,040	6,708	8,094	6,768	7,027
Other fish, shellfish, and fish products	do	51	50	47	57	119	117	301	277	41	48
Total edible products	do	96,444	49,308	109,604	62,882	107,940	67,524	90,808	56,845	140,646	86,474
<b>Nonedible fishery products:</b>											
Fish oils											
Whale and sperm oil	do	5,928	422	4,355	470	1,785	273	4,071	323	3,299	465
Furs, fur-seal, dressed or dyed	1,000 pieces	89	6,055	63	4,088	85	5,442	86	5,901	75	3,926
Shells, unmanufactured	1,000 pounds	35,762	4,064	64,281	9,208	42,081	4,013	25,056	1,627	24,991	2,255
Other nonedible	do	.....	426	.....	764	.....	283	.....	361	.....	365
Total nonedible products	do	.....	20,175	.....	21,931	.....	14,685	.....	10,912	.....	18,059
Grand total	do	.....	69,483	.....	84,813	.....	82,209	.....	67,757	.....	104,533

Bureau of Commercial Fisheries, U.S. Department of the Interior. Compiled from the reports of the U.S. Department of Commerce.



Table 834.—Industrial fishery: Production, United States, 1954–69

Year	Marine animal scrap and meal					Total scrap and meal		Marine animal body, liver, and viscera oil	
	Men-haden dried scrap and meal	Herring meal	Sardine (Pacific) meal	Tuna and mackerel meal	Other meal dried and green scrap	Amount	Value	Men-haden oil	Herring oil
1954.....	183,091	6,973	6,513	21,576	38,814	257	32,754	18,641	761
1955.....	190,628	7,671	6,966	23,306	36,339	265	34,749	21,232	1,091
1956.....	210,582	11,298	2,809	26,266	44,838	296	37,887	22,428	1,824
1957.....	172,388	13,891	1,474	25,716	50,616	264	32,592	15,798	1,881
1958.....	158,074	10,277	10,756	25,311	43,722	248	31,759	17,065	1,760
1959.....	223,893	11,963	2,927	25,380	42,388	307	35,926	20,628	2,001
1960.....	218,423	9,151	3,508	26,499	32,556	290	25,282	24,454	1,533
1961.....	247,551	5,268	2,518	21,243	34,685	311	31,940	31,356	818
1962.....	239,707	5,095	702	26,559	40,196	312	35,573	31,016	674
1963.....	184,205	7,537	( <sup>1</sup> )	26,957	37,208	256	30,235	21,630	737
1964.....	160,349	8,881	.....	21,113	44,909	235	27,945	20,352	1,336
1965.....	175,959	12,932	.....	25,399	39,761	254	35,707	22,607	1,100
1966.....	134,954	11,860	.....	25,290	51,717	224	32,315	18,606	1,017
1967.....	119,135	9,492	.....	25,487	57,075	211	26,038	13,082	732
1968.....	143,154	15,411	.....	28,781	47,790	235	30,261	19,615	1,230
1969 <sup>2</sup> .....	159,493	6,563	.....	26,870	59,638	253	39,809	19,246	449

Year	Marine animal body, liver, and viscera oil—Continued					Total oils		Value of—		
	Sardine, Pacific	Tuna and mackerel oil	Whale and sperm oil	Liver and viscera oil	Other marine animal oils	Amount	Value	Shell products	Other by-products	Grand total
1954.....	756	585	.....	237	885	21,865	12,805	17,024	19,844	82,427
1955.....	898	545	.....	219	913	24,898	14,869	14,542	19,175	83,335
1956.....	338	705	279	286	1,007	26,867	17,252	14,513	22,085	91,737
1957.....	87	738	437	153	1,255	20,349	12,619	14,289	21,881	81,381
1958.....	741	627	426	51	1,358	22,028	12,333	11,361	24,430	79,883
1959.....	188	601	521	33	1,006	24,978	13,092	9,325	23,873	82,216
1960.....	160	509	437	33	760	27,886	13,386	10,074	17,853	66,595
1961.....	86	762	463	7	924	34,416	14,373	9,362	18,894	74,569
1962.....	21	668	342	6	611	33,338	11,001	8,557	20,547	75,678
1963.....	( <sup>1</sup> )	762	275	3	571	23,978	10,853	7,001	20,512	68,601
1964.....	.....	621	408	3	531	23,251	13,297	6,192	22,213	69,647
1965.....	.....	619	344	( <sup>1</sup> )	548	25,218	14,852	5,576	26,695	82,830
1966.....	.....	530	176	.....	838	21,167	12,521	5,132	23,085	73,053
1967.....	.....	673	320	.....	986	15,793	6,112	4,933	23,944	61,027
1968.....	.....	587	309	.....	720	22,461	7,327	4,651	27,888	70,127
1969 <sup>2</sup> .....	.....	549	224	.....	1,439	21,907	9,325	4,186	31,279	84,599

<sup>1</sup> Included with "Other meal dried and green scrap" or other oils.

<sup>2</sup> Preliminary.

Bureau of Commercial Fisheries, U.S. Department of the Interior. Data for 1939-53 in *Agricultural Statistics, 1967*, table 848.

## FOOTNOTES FOR TABLE 829

<sup>1</sup> Packaged fish represents production of fillets and steaks.

<sup>2</sup> Preliminary.

Bureau of Commercial Fisheries, U.S. Department of the Interior. Data for 1939-53 in *Agricultural Statistics, 1967*, table 844.

Table 835.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1951-69<sup>1</sup>

Year	Public cold storage only	Private and semiprivate 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>
1951.....	425,114	187,673	98,229	711,016
1953.....	466,470	202,491	79,089	748,050
1955.....	498,599	245,850	68,568	813,017
1957.....	545,061	294,174	62,162	901,397
1959.....	569,199	325,313	50,872	945,384
1961.....	595,463	379,355	51,985	1,026,803
1963.....	633,447	428,250	50,372	1,112,069
1965.....	683,972	473,515	45,903	1,203,390
1967.....	734,804	517,468	41,833	1,294,105
1969.....	762,203	554,611	35,932	1,352,746

<sup>1</sup> Warehouse space is defined as all space artificially cooled to temperatures of 50° F. or less, in which food commodities are held for 30 days or longer. Includes Alaska and Hawaii, beginning 1959.

Statistical Reporting Service. Data for 1921-49 in *Agricultural Statistics, 1967*, table 849.

Table 836.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1969<sup>1</sup>

State	Gross space	State	Gross space	State	Gross space
	<i>1,000 cu. ft.</i>		<i>1,000 cu. ft.</i>		<i>1,000 cu. ft.</i>
Maine.....	15,874	North Dakota.....	4,488	Louisiana.....	6,246
New Hampshire.....	3,615	South Dakota.....	4,488	Oklahoma.....	5,272
Vermont.....	2,916	Nebraska.....	9,449	Texas.....	45,873
Massachusetts.....	40,955	Kansas.....	51,927	Montana.....	28,990
Rhode Island.....	1,990	Delaware.....	3,085	Idaho.....	
Connecticut.....	4,852	Maryland and D.C.....	14,203	Wyoming.....	5,322
New York.....	98,775	Virginia.....	43,241	Colorado.....	
New Jersey.....	40,494	West Virginia.....	7,417	New Mexico.....	631
Pennsylvania.....	50,949	North Carolina.....	7,323	Arizona.....	1,610
Ohio.....	30,270	South Carolina.....	3,472	Utah.....	5,767
Indiana.....	9,019	Georgia.....	35,225	Nevada.....	
Illinois.....	62,696	Florida.....	88,419	Washington.....	182,991
Michigan.....	58,709	Kentucky.....	3,798	Oregon.....	71,968
Wisconsin.....	38,912	Tennessee.....	19,759	California.....	146,161
Minnesota.....	27,862	Alabama.....	6,208	Alaska.....	2,433
Iowa.....	19,844	Mississippi.....	2,821	Hawaii.....	2,131
Missouri.....	29,179	Arkansas.....	9,605	United States.....	1,352,746

<sup>1</sup> Only those States having 3 or more warehouses are listed separately.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 839

<sup>1</sup> Value of cane for sugar and Sugar Act compliance payments. Value of cane for sugar estimated by deducting processing and marketing costs from value of sugar and molasses. Processing costs based on toll charges paid by independent producers. Hawaiian Sugar Planters' Association.

<sup>2</sup> Value of canned fruit and juices converted to fresh weight value using a conversion of 27-29 percent of processed value. All fresh market sales were valued at f.a.s. dock shipping point.

<sup>3</sup> Excludes pineapples for fresh market; includes guavas and passion fruit used for processing.

<sup>4</sup> Year ending June 30 of following year.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1946-59 in *Agricultural Statistics, 1967*, table 853.

Table 837.—Hawaii crops: Acreage, 1960-69<sup>1</sup>

Year	Sugar <sup>2</sup>	Pineapple <sup>3</sup>	Other fruits <sup>4</sup>	Vegetables and melons <sup>5</sup>	Coffee <sup>6</sup>	Macadamia nuts <sup>6</sup>	Rice <sup>5</sup>	Taro <sup>4</sup>
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1960.....	224,600	75,000	2,610	3,440	5,500	3,820	70	510
1961.....	227,000	73,800	2,690	3,420	5,160	3,880	50	490
1962.....	228,900	71,600	2,680	3,280	4,810	4,100	50	500
1963.....	231,300	69,000	2,540	3,160	4,710	4,110	.....	480
1964.....	233,100	65,000	3,060	3,290	4,710	4,510	.....	470
1965.....	233,600	65,000	2,970	3,340	4,710	5,410	.....	440
1966.....	235,400	65,000	3,010	3,760	4,600	6,700	.....	400
1967.....	237,200	65,000	3,400	3,420	4,600	7,980	.....	400
1968.....	238,900	65,000	3,420	3,210	4,400	8,520	.....	420
1969.....	241,400	64,000	3,500	2,900	4,300	8,690	.....	420

<sup>1</sup> Approximate land area, State: 4,105,600 acres, 1964 U.S. Census of Agriculture.<sup>2</sup> Total cane land area at end of year. Hawaiian Sugar Planters' Association.<sup>3</sup> Land area including crop area, campsites, roads, etc. Year ending May 31. Plantation acreage from Pineapple Growers Association of Hawaii. 1963-69 acreage includes independent operators.<sup>4</sup> Average acreage during year.<sup>5</sup> Harvested acreage.<sup>6</sup> Total acreage Dec. 31.Statistical Reporting Service. Data for 1946-59 in *Agricultural Statistics, 1967*, table 851.

Table 838.—Hawaii crops: Volume of marketings, 1960-69

Year	Sugar, raw, 96 degrees <sup>1</sup>	Pineapple, processed <sup>2</sup>		Other fruits <sup>4</sup>	Vegetables and melons <sup>3</sup>	Coffee (parchment) <sup>5</sup>	Macadamia nuts (in shell)	Rice (milled)	Taro (for mfr.)	
		Fruit	Juice							
			Single strength							Concentrate
	1,000 tons	1,000 cases	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1960.....	936	13,240	8,845	662	24,190	48,475	13,272	2,569	221	9,675
1961.....	1,092	13,130	9,166	412	30,623	48,257	8,432	3,751	175	9,690
1962.....	1,120	13,177	9,263	666	28,100	51,296	13,392	5,182	183	10,055
1963.....	1,102	12,731	* 8,700	1,084	26,567	48,200	6,651	6,003	.....	9,640
1964.....	1,179	11,520	* 8,100	953	38,904	52,060	9,947	7,639	.....	9,275
1965.....	1,218	12,595	* 9,300	1,033	34,578	49,390	7,500	8,522	.....	9,480
1966.....	1,234	13,168	* 8,800	1,080	38,863	55,247	8,040	8,715	.....	8,990
1967.....	1,191	12,333	* 8,400	622	41,335	53,945	5,700	7,966	.....	8,155
1968.....	1,232	* 12,400	* 8,500	926	39,697	49,655	6,000	10,436	.....	9,140
1969.....	1,182	* 11,700	* 8,100	* 850	37,027	48,700	5,500	7,10,470	.....	8,605

<sup>1</sup> Hawaiian Sugar Planters' Association.<sup>2</sup> Processed fruit and juices, equivalent 24/2½. Pineapple Growers Association of Hawaii.<sup>3</sup> Excludes quantities not marketed because of economic conditions.<sup>4</sup> Excludes pineapples for fresh market. Includes guavas and passion fruit used for processing.<sup>5</sup> Year ending June 30.<sup>6</sup> Estimated, based on historical relationship.<sup>7</sup> Preliminary.Statistical Reporting Service. Data for 1946-59 in *Agricultural Statistics, 1967*, table 852.

Table 839.—Hawaii crops: Value of marketings, 1960-69

Year	Cane for sugar <sup>1</sup>	Pineapple, fresh equivalent <sup>2</sup>	Other fruits <sup>3</sup>	Vegetables and melons	Coffee (parchment) <sup>4</sup>	Macadamia nuts	Rice	Taro
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1960.....	76,000	36,100	1,459	4,611	3,202	472	40	595
1961.....	88,600	34,800	1,825	4,842	1,886	693	36	580
1962.....	97,000	35,300	1,677	4,948	2,985	954	33	574
1963.....	118,900	36,500	1,895	4,838	1,744	1,061	.....	574
1964.....	101,100	35,300	2,190	4,901	3,025	1,190	.....	564
1965.....	108,300	38,500	2,186	5,105	2,362	1,651	.....	573
1966.....	116,000	38,700	2,605	5,944	2,058	1,830	.....	561
1967.....	116,600	40,200	2,845	6,211	1,545	1,964	.....	579
1968.....	122,100	37,800	3,363	6,342	1,548	2,379	.....	676
1969.....	115,400	36,000	3,728	6,165	<sup>5</sup> 1,524	<sup>5</sup> 2,282	.....	671

See footnotes on page 608.

Table 840.—Alaska crops: Acreage harvested, 1960-69

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1960.....	1,400	2,300	1,900	5,000	3,100	1,300	730	180
1961.....	900	2,000	1,900	5,500	3,100	1,600	770	150
1962.....	1,100	2,200	1,600	6,200	3,900	2,600	730	155
1963.....	1,000	2,200	1,100	6,500	4,400	2,200	760	185
1964.....	500	1,900	1,700	6,600	4,100	1,500	730	150
1965.....	600	1,600	1,200	5,700	3,100	1,200	780	140
1966.....	400	1,600	1,600	6,800	2,800	1,400	710	150
1967.....	600	1,800	1,300	8,000	2,800	1,600	690	170
1968.....	900	1,900	900	7,700	2,700	1,600	620	270
1969 <sup>1</sup> .....	500	1,400	1,500	7,800	2,600	1,600	620	210

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 841.—Alaska crops: Volume harvested, 1960-69

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1960.....	25,500	42,000	2,500	8,000	15,800	4,400	131,400	20,200
1961.....	14,700	35,000	2,500	7,400	15,500	6,600	146,300	17,500
1962.....	21,500	40,100	2,300	8,400	18,700	7,500	138,700	19,000
1963.....	14,400	31,700	1,700	7,800	25,500	6,600	140,600	22,600
1964.....	12,000	35,600	2,600	8,200	23,800	5,400	140,900	17,500
1965.....	13,400	32,300	2,200	6,600	17,700	4,000	131,000	14,000
1966.....	10,200	34,600	2,400	9,200	16,000	4,000	111,500	14,000
1967.....	14,800	36,300	2,000	12,000	17,100	5,600	138,000	16,900
1968.....	15,000	27,400	1,100	9,600	16,500	6,400	114,700	23,600
1969 <sup>1</sup> .....	3,800	16,100	1,000	6,600	9,200	5,100	71,300	14,100

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 842.—Alaska crops: Value of production, 1960-69

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1960.....	120,000	192,000	772,000	411,000	723,000	198,000
1961.....	71,000	172,000	653,000	464,000	783,000	201,000
1962.....	97,000	176,000	674,000	498,000	666,000	237,000
1963.....	65,000	135,000	551,000	594,000	612,000	201,000
1964.....	52,000	144,000	626,000	540,000	1,043,000	209,000
1965.....	57,000	131,000	528,000	412,000	756,000	197,000
1966.....	42,000	140,000	673,000	360,000	619,000	208,000
1967.....	62,000	144,000	770,000	363,000	642,000	214,000
1968.....	68,000	117,000	588,000	344,000	654,000	283,000
1969 <sup>1</sup> .....	14,000	59,000	532,000	257,000	378,000	164,000

<sup>1</sup> Preliminary.

Statistical Reporting Service.

# INDEX

<p><b>Abaca:</b></p> <p>Imports . . . . . 75, 76</p> <p>Price . . . . . 76</p> <p>Production, world . . . . . 76</p> <p><b>Acreage:</b></p> <p>Allotments . . . . . 542</p> <p>Diversion and payments to producers . . . . . 538</p> <p>Land in farms, census years:</p> <p>    Irrigated . . . . . 430</p> <p>    Total . . . . . 428, 429</p> <p>Principal crops, planted and harvested . . . . . 444-450</p> <p>Required for specified purposes . . . . . 451</p> <p>Total of 59 crops . . . . . 444, 446-450</p> <p><i>See also</i> under specific crop.</p> <p>Agricultural commodity futures . . . . . 601, 602</p> <p>Agricultural commodity support prices . . . . . 465</p> <p>Agricultural conservation program</p> <p>    payments . . . . . 545, 546</p> <p>    <i>See also</i> Conservation; Soil conservation;</p> <p>    Water conservation.</p> <p>Agricultural loans. <i>See</i> loans.</p> <p>Agricultural production, index numbers . . . . . 454-456</p> <p>Agricultural products:</p> <p>    Exports:</p> <p>        Acreage used for producing . . . . . 451</p> <p>        Index numbers . . . . . 585</p> <p>        Payments . . . . . 588</p> <p>        Specified Government programs . . . . . 8, 24, 56</p> <p>        Value . . . . . 585-593, 595, 596</p> <p>    Foreign trade . . . . . 585, 589-591</p> <p>    Imports:</p> <p>        Index numbers . . . . . 586</p> <p>        Value . . . . . 585, 589-591, 594, 596</p> <p>    <i>See also</i> Commodities, agricultural.</p> <p>Alaska statistics . . . . . 610</p> <p><i>See also</i> under specific commodities.</p> <p>Alcohol, production from grains . . . . . 19, 33, 45</p> <p>Alfalfa seed:</p> <p>    Acreage, yield, and production . . . . . 274, 275, 447</p> <p>    Prices . . . . . 274, 275, 279</p> <p>    Stocks . . . . . 278</p> <p>    Value . . . . . 274, 447</p> <p>Almonds:</p> <p>    Imports . . . . . 260</p> <p>    Production, price, and value . . . . . 260, 448</p> <p>    Shelled, production in foreign countries . . . . . 259</p> <p>Animal proteins, disappearance . . . . . 55</p> <p>Animal units fed on farms . . . . . 358</p> <p>Animals, big-game number and kill on</p> <p>    national forests . . . . . 570</p> <p>Apple juice, canned pack . . . . . 254</p> <p>Apples:</p> <p>    Canned:</p> <p>        Exports . . . . . 210</p> <p>        Pack . . . . . 253</p> <p>        Quantity . . . . . 211</p> <p>    Cold-storage stocks . . . . . 257</p> <p>    Consumption . . . . . 258</p> <p>    Dried:</p> <p>        Exports . . . . . 210</p> <p>        Production . . . . . 254</p> <p>        Quantity . . . . . 211</p> <p>    Exports . . . . . 210</p> <p>    Exports, destination . . . . . 213</p> <p>    Foreign production . . . . . 210</p> <p>    Frozen pack . . . . . 255, 256</p> <p>    Frozen, quantity . . . . . 211</p> <p>    Imports . . . . . 210</p> <p>    Imports, origin . . . . . 213</p> <p>    Prices:</p> <p>        Farm . . . . . 209, 210</p> <p>        Market . . . . . 213</p> <p>    Production . . . . . 208-211, 448</p> <p>    Shipments . . . . . 253</p> <p>    Trade, international . . . . . 212</p> <p>    Unloads . . . . . 251</p> <p>    Utilization . . . . . 211</p> <p>    Value . . . . . 210, 448</p> <p>Applesauce:</p> <p>    Canned pack . . . . . 253</p> <p>    Frozen pack . . . . . 255, 256</p> <p><b>Apricots:</b></p> <p>    Canned:</p> <p>        Exports . . . . . 214</p> <p>        Pack . . . . . 253</p> <p>        Quantity . . . . . 215, 216</p> <p>    Dried:</p> <p>        Exports . . . . . 214</p>	<p>    Apricots—Continued</p> <p>        Dried—Continued</p> <p>            Production . . . . . 254</p> <p>            Quantity . . . . . 215, 216</p> <p>        Fresh, exports . . . . . 214</p> <p>        Frozen . . . . . 215, 216, 255, 256</p> <p>        Prices, farm . . . . . 214</p> <p>        Production . . . . . 208, 214-216, 448</p> <p>        Shipments . . . . . 253</p> <p>        Utilization . . . . . 215, 216</p> <p>        Value . . . . . 214, 448</p> <p>    Artichokes:</p> <p>        Acreage, yield, and production . . . . . 157</p> <p>        Farm price and value . . . . . 157</p> <p>        Seed, imports . . . . . 282</p> <p>    Asparagus:</p> <p>        Acreage and production . . . . . 157, 158</p> <p>        Canned pack . . . . . 201</p> <p>        Frozen pack . . . . . 203</p> <p>        Prices, farm . . . . . 157, 158</p> <p>        Seed, imports . . . . . 282</p> <p>        Shipments . . . . . 199</p> <p>        Yield and value . . . . . 157</p> <p>    Automobiles:</p> <p>        Number on farms . . . . . 437</p> <p>        Registrations . . . . . 486, 487</p> <p>    Avocados:</p> <p>        Imports . . . . . 217</p> <p>        Prices, farm . . . . . 217</p> <p>        Production . . . . . 208, 217</p> <p>        Value . . . . . 217</p> <p>    Babassu oil:</p> <p>        Exports . . . . . 143</p> <p>        Production . . . . . 143</p> <p>    Baby food, exports, destination . . . . . 398</p> <p>    Bacon, exports . . . . . 351</p> <p>    Balance sheet, farming sector . . . . . 436</p> <p>    Bananas, international trade . . . . . 216</p> <p>    Banks:</p> <p>        Country, deposits, index numbers . . . . . 435</p> <p>    Federal:</p> <p>        Intermediate credit, loans and discounts</p> <p>            outstanding and made . . . . . 498, 499, 503, 505, 507</p> <p>        Land:</p> <p>            Loans made . . . . . 495, 496, 503-505</p> <p>            Loans outstanding, Jan. 1. 496, 500, 504, 505</p> <p>        For cooperatives, loans outstanding and</p> <p>            made . . . . . 498, 499, 503, 505, 507</p> <p>    Barley:</p> <p>        Acreage . . . . . 41-43, 445-447</p> <p>        Consumption . . . . . 48</p> <p>        Exports . . . . . 41, 45, 46</p> <p>        Farm disposition . . . . . 44</p> <p>        Imports . . . . . 41, 45</p> <p>        Malt exports, destination . . . . . 46</p> <p>        Prices:</p> <p>            Farm . . . . . 41, 42</p> <p>            Market . . . . . 41, 47</p> <p>            Support operations . . . . . 47</p> <p>        Production . . . . . 41-44, 447</p> <p>        Seeding rates, per acre . . . . . 283</p> <p>        Seed prices . . . . . 279</p> <p>        Stocks in principal exporting countries . . . . . 49</p> <p>        Stocks on and off farms . . . . . 46</p> <p>        Supply and disappearance . . . . . 45</p> <p>        Utilization in alcoholic products . . . . . 45</p> <p>        Value . . . . . 41, 447</p> <p>        Yield . . . . . 41, 43</p> <p>    Beans:</p> <p>        Dry edible:</p> <p>            Acreage . . . . . 284, 285, 445-447</p> <p>            Consumption . . . . . 200</p> <p>            Crop insurance . . . . . 489</p> <p>            Exports . . . . . 284, 289, 290</p> <p>            Farm disposition . . . . . 286</p> <p>            Imports . . . . . 284, 289</p> <p>            Prices:</p> <p>                Farm . . . . . 284, 285</p> <p>                Market . . . . . 284, 288</p> <p>                Support operations . . . . . 288</p> <p>            Production . . . . . 284, 287, 447</p> <p>            Seeding rates, per acre . . . . . 283</p> <p>            Stocks on hand, Sept. 1 . . . . . 284</p> <p>            Trade, international . . . . . 289</p> <p>            Value . . . . . 284, 447</p> <p>            World acreage, yield, and production . . . . . 287</p> <p>            Yield . . . . . 284, 285</p>
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Beans—Continued	Page	Butter—Continued	Page
Lima:		Stocks on hand, Jan. 1	393
Acreage and production	159	Cabbage:	
Canned pack	201	Acreage and production	164-166
Frozen pack	203	Prices, farm	164-166
Prices, farm	159	Shipments	199
Shipments	199	Shrinkage and loss	166
Unloads	197	Stocks	166
Yield and value	159	Unloads	197
Snap:		Yield and value	166
Acreage and production	160, 161	See also Vegetable seeds.	
Canned pack	201	Cacao beans:	
Consumption, canned	202	Exports from principal countries	264
Frozen pack	203	Imports, origin	264
Prices, farm	160, 161	Cacao butter. See Cocoa butter.	
Shipments	199	Calves:	
Unloads	197	Carcasses condemned	357
Yield and value	160	Heifers, number on farms	303, 362-364
See also Vegetable seeds.		Income	308-310
Beef:		Number born	305, 310
Cold-storage holdings	352	Number on farms	302, 303, 306
Consumption	354	Prices, farm	336
Prepared and processed under Federal inspection	349	Prices, market	310
Production	348, 354	Production and disposition	308-310
Steer, prices, market	314	Receipts at public stockyards	311
See also Beef and veal, Meats, Veal.		Skins:	
Beef and veal:		Exports	356, 357
Exports	351, 355	Imports	356
Imports	351, 352	Slaughter:	
Production, world	350	Farm	308-311
Shipments to Territories	355	Total	311
See also Beef, Meats, Veal.		Under Federal inspection	311, 312, 357
Bees, number of colonies	96, 97	Slaughtered, live weight:	
Beeswax:		Costs	312
Imports	99	By States	312
Prices to producers	96, 98, 99	Veal, prices, market	310
Production	96, 97	Cantaloupes:	
Beets:		Acreage and production	167, 168
Acreage and production	162	Prices, farm	167, 168
Canned pack	201	Shipments	199
Prices, farm	162	Unloads	197
Shipments	199	Yield and value	168
Yield and value	162	See also Melons; Muskmelons.	
See also Sugarbeets; Vegetable seeds.		Carcasses, whole, number condemned under Federal inspection	357
Berries:		Carrots:	
Canned pack	253	Acreage and production	168, 169
Frozen pack	255, 256	Canned pack	201
Bonds, rates and yields, selected series	493	Frozen pack	203
Brazil nuts, production in Brazil	259	Prices, farm	168, 169
Breakfast Program	580, 582	Shipments	199
Broccoli:		Unloads	197
Acreage and production	163	Yield and value	168
Frozen pack	203	See also Vegetable seeds.	
Prices, farm	163	Casein:	
Shipments	199	Imports	397
Yield and value	163	Castor beans, imports	145
See also Vegetable seeds.		Castor oil:	
Broilers, production, price, and income	409, 410	Exports	143
Broomcorn:		Imports	145
Acreage and production	295, 448	Prices, market	148
Value	295, 448	Production	143
Yield and price	295	Used in drying-oil industries	141
Brussels sprouts:		Cattle:	
Acreage and production	164	Bang's disease work	370
Frozen pack	203	Buffalo	304
Prices, farm	164	Carcasses condemned	357
Yield and value	164	Dairy breeding associations	370
See also Vegetable seeds.		Hides:	
Buckwheat, acreage	445, 446	Exports	356, 357
Buffalo	304	Imports	356
Buildings, farm value, selected years	426, 431	Price per pound, Chicago	355
Bulls:		Income	308-310
Number on farms	303, 306	Number:	
Slaughter under Federal inspection	313	In specified countries	304
Butter:		On farms	301-303, 306, 437
Consumption	147, 394	On feed	306, 307
Creamery:		Prices:	
Cold-storage holdings	393	Farm	310
Prices, wholesale	148, 395	In Argentina	314
Production in specified countries	395	In Canada	314
Disappearance	394	Market	313
Exports	143, 398, 399	Production and disposition	308-310
Imports	397	Receipts at public stockyards	311
Prices, market	148, 395	Slaughter:	
Production:		Farm	308-311
On farms	371	Number	311, 312
World	143, 395	Under Federal inspection	311-313, 357

Cattle—Continued	Page	Citrus fruits—Continued	Page
Slaughtered, live weight	312	Imports	221
Costs	312	Prices, farm	221-223
By States	312	Processed, quantity	221, 222
Tuberculin testing	370	Production	208, 221-224
Value:		Shipments	253
Farm	301, 302, 437	Trade, international	228-230
Of production	308-310, 451	Unloads	251
Cauliflower:		Value	221, 222
Acreage and production	169, 170	Citrus juices:	
Frozen pack	203	Canned pack	225, 254
Prices, farm	169, 170	Concentrated, pack	226
Shipments	199	Frozen pack	255, 256
Unloads	197	<i>See also</i> Grapefruit; Lemons; Limes;	
Yield and value	169	Oranges; Tangerines.	
<i>See also</i> Vegetable seeds.		Clover seed:	
Celery:		Acreage and yield	274-276
Acreage and production	170, 171	Prices	274-276, 279
Prices, farm	170, 171	Production	273-276, 447
Shipments	199	Stocks	278
Unloads	197	Value	274, 447
Yield and value	170	<i>See also</i> Sweetclover seed.	
<i>See also</i> Vegetable seeds.		Cocoa butter:	
Cheese:		Exports	144
American, production	389	Imports	145
Cold-storage holdings	393	Coconut oil:	
Consumption	394	Exports	143, 144
Disappearance	394	Imports	145
Exports	398, 399	Prices, market	148
Foreign production	396	Production	143
Imports	397	Used in soap	149
Prices, wholesale	396	Cod oil, prices, wholesale	148
Production	389, 396	Codliver oil, prices, wholesale	148
Stocks on hand, Jan. 1	393	Coffee:	
Cherries:		Exports from principal producing countries	265
Brined	220	Imports, origin	265
Canned	220, 253	Cold-storage stocks:	
Exports	217	Apples	257
Farm disposition	220	Dairy products	393
Foreign production	218	Frozen fruits	257
Frozen	220, 255, 256	Frozen orange juice	257
Imports	217	Meats	352
Prices, farm	218, 219	Pears	257
Production	217-220, 448	Poultry products	414
Shipments	253	Commodities, agricultural:	
Utilization	220	Futures	601, 602
Value	217, 218, 448	Owned by Commodity Credit Corporation, Dec. 31	524, 530, 531
Chickens:		Purchases by Commodity Credit Corporation, costs	530, 531
Broilers, production, price, and income	409, 410	Supply-utilization, index	452
Cash income	405-407	Under Commodity Credit Corporation price-support loan	525
Commercial storage stocks	412	<i>See also</i> Agricultural products.	
Consumption	405-407, 412	Commodity Credit Corporation:	
Exports	412	Allotments	540-542
Farm disposition	405-407	Cost value of disposition	532, 533
Gross income	405-407	Inventory transactions	530, 531
Number in specified countries	404	Loan programs	498, 499, 522-529, 534
Number on farms	400-403	Payments to producers	536-539
Participation in National Poultry Improvement plan	408, 409	Price support:	
Prices:		Commodities owned	524
Farm	405-407	Commodities under loan	525
Production	405-407, 412	Granted	522
Sales from farms	405-407	Operations, investments in	534
Tested for pullorum disease	414	<i>See also</i> individual commodities.	
Value:		Concentrates fed to milk cows:	
Jan. 1	400, 403	Homegrown feed percentages	367
Of production	405-407, 451	Individual feed percentages	366
<i>See also</i> Chicks; Poultry.		Quantity	365
Chicks:	Page	Value	368
Baby, prices	411, 412	Conservation, agricultural:	
Hatched by commercial hatcheries	411, 412	Acreage reserve	543
Value	412	Plans	555
Cigarettes:		Practices applied	552-554
Consumption	108	Program:	
Exports	108	Farms participating	545, 546
Manufactured	107	Great Plains	556, 557
Total output	108	Payments	545, 546
Cigars:		Practices	547-549
Consumption	108	Supplemental emergency practices	545, 546
Exports	108	<i>See also</i> Soil conservation.	
Manufactured	107	Consumers' price index, by groups and by years	583
Total output	108	Consumer prices, index numbers	426
Citrus fruits:		Consumption per capita:	
Acreage	207	Apples	258
Consumption	258	Barley	48
Crop insurance	489		
Exports	221, 226		
Foreign production	224		

Consumption per capita—Continued	Page	Conversion factors, weights, and measures	Page
Beans:		Cooperative organizations, farmers'	512-514
Dry edible	200	Copra, imports	145
Snap, canned	202	Corn:	
Beef	354	Acreage	28-31, 445-447
Butter	147, 394	Acreage diverted, payments to producers	537, 538
Cheese	394	Cereal, consumption	48
Chewing tobacco	108	Consumption, total	48
Chickens	412	Crop insurance	489
Cigarettes	108	Exports	28, 33, 34
Cigars	108	Farm disposition	32
Citrus fruits	258	Green, shipments	199
Coffee, tea, and cocoa	576, 577	Imports	28, 33
Corn:		Loan program, Commodity Credit Corporation	522-526, 528, 529
Canned	202	Meal:	
Cereal	48	Consumption	48
Meal	48	Exports, destination	34
Sirup	48	Oil:	
Sugar	48	Exports	143
Cornstarch	48	Prices, market	148
Cotton	73	Used in margarine	139
Cream	393	Prices:	
Dairy products	576, 577	Farm	28, 29, 34
Detergents	149	Market	35
Eggs	576, 577	Support operations	34
Fat products	147	Production	28-32, 447
Fats	147, 576, 577	Products:	
Fibers	73	Consumption	48
Fish	576, 577	Wet-processed	33
Flour	576, 577	Seed prices	279
Food	576, 577	Seeding rates, per acre	283
Fruit juices, canned	258	Sirup:	
Fruits:		Consumption	48
Canned	258	Production, exports, imports, and consumption	94
Dried	258	Stocks in principal exporting countries	49
Fresh	258, 576, 577	Stocks on and off farms	28
Frozen	258	Sugar consumption per capita	48
Total	258, 576, 577	Supply and disappearance	33
Grain products	48, 576, 577	Sweet, acreage, production, and farm price	171, 172
Grains	48	Canned:	
Ice cream	394	Consumption	202
Lamb	354	Pack	201
Lard	147, 324, 354	Frozen pack	203
Margarine	147	Shipments	199
Meats	354, 576, 577	Yield and value	171
Melons	200, 576, 577	<i>See also</i> Vegetable seeds.	
Milk:		Utilization:	
Condensed	394	Acreage, by States	29, 30
Dry whole	394	By uses	33
Evaporated	394	In alcoholic products	33
Fluid	393	Value	28, 447
Nonfat dry milk	394	Yield	28, 31
Mutton	354	Corn-hog price ratios	322
Nutrients	574	Cornstarch, consumption, civilian, per capita	48
Oat products	48	Cotton:	
Oil products	147	Acreage	59, 60, 62, 114, 445-447
Oils	147, 576, 577	Acreage diverted, payments to producers	537-539
Paper	570	American Pima, carryover and ginnings, by grade and staple length	66
Paperboard	570	Carryover	63-66
Peanuts	128	Consumption	63, 68, 72, 73
Peas, canned	202	Crop insurance	489
Pork	354	Disappearance and distribution	63-65
Potatoes	200, 576, 577	Exports	59, 63, 67, 72
Poultry	576, 577	Exports, index numbers	585
Rayon	73	Foreign:	
Rice products	48	Carryover	63
Rye flour	48	Exports	59, 63, 68
Shortening	140	Mill consumption	63
Silk	73	Prices	71
Smoking tobacco	108	Production	62
Snuff	108	Supply and distribution	63, 72
Soap	149	Stocks	72
Sugar	84, 576, 577	Ginning cost per bale	70
Sweetpotatoes	200, 576, 577	Ginnings	64-66
Tobacco products	108	Grade and staple length	67
Tomatoes:		Imports	59, 67, 68, 72
Canned	202	Linters:	
Fresh	200	Exports	71
Turkeys	418	Imports	68, 71
Veal	354	Prices	71, 118
Vegetables:		Production	71, 116
Canned	202, 205, 576, 577	Supply and distribution	71
Fresh	200, 205, 576, 577		
Frozen	204, 205, 576, 577		
Total	576, 577		
Wheat:			
Cereal	48		
Flour	48		
Wool	73		



Cotton—Continued	Page	Cream—Continued	Page
Loan program, Commodity Credit Corporation	522-526, 528, 529	Plastic, cold-storage holdings	393
Micronaire readings	68	Prices:	
Mill consumption	63	Farm	377-379, 387
Prices:		Wholesale	386
Farm	59, 60	Sales from farms	371, 374
Market	59, 69, 70	Stocks on hand, Jan. 1	393
Support operations	61	Credit banks, Federal intermediate. <i>See</i>	
Production	59, 60, 62, 447	Banks, Federal intermediate credit.	75
Seeding rates, per acre	283	Crin vegetal, imports, origin	
Supply	63-65, 72	Crop insurance programs	489-491
Trade, international	67	Crop loan programs, Commodity Credit Corporation	522-529, 534
Upland:		Crop loans	498, 499, 509, 510
Carryover, ginnings, supply, and disappearance:		Cropland:	
By grade	64	Acreage	426, 428, 429
By staple length	65	Acreage diverted	538
Grade index and staple length	67	Crops:	
Value	59, 447	Acreage	444-450
World:		Alaska	610
Acreage and production	62	Farm value	447-450
Supply and distribution	72	Hawaii	609
Stocks	72, 73	Losses	491
Yarn, prices	74	Production:	
Yield per acre	62	Index numbers	455
Cottonseed:		World	597, 598
Cake:		<i>See also</i> Vegetable crops.	
Exports	117	Crops, principal:	
Production	116	Acreage harvested	444, 446-450
Crushings	116	Acreage planted	444, 445, 447-449
Exports, destination	117	Farm value	447-450
Exports	144	Cucumbers:	
Farm disposition	114, 115	Acreage and production	173, 174, 449
Hulls, output	116	Prices, farm	173, 174
Meal:		Shipments	199
Exports	117	Unloads	197
Prices	118	Yield and value	173, 449
Production	116	<i>See also</i> Vegetable seeds.	
Oil:		Currants:	
Exports	117, 143, 144	Exports, destination	235
Prices	118, 148	Foreign production, dried	255
Production	116, 143	Frozen pack	255, 256
Used in margarine	139	Dairy statistics:	
Used in shortening	140	Artificial breeding program	369
Prices, farm	114, 115	Herd improvement associations	370
Production	59, 60, 114-116, 447	Products:	
Products:		Cold-storage holdings	393
Prices	118	Disappearance	394
Production	116	Exports	398, 399
Quality	115	Imports	397
Value	59, 114, 447	Imports, index numbers	586
Yield per acre	114	Income from, cash and gross	377-379
Cover-crop seeds, winter:		Manufactured	389-391
Prices	277	Prices:	
Production	277	Manufacturers	392
Cowhides:		Support operations	400
Exports	356, 357	Production	389-391
Imports	356	Sales	377-379
Prices	355	Stocks, manufactured	392
Cowpeas:		Stocks on hand, Jan. 1	393
Acreage	296, 446	Dates:	
Farm disposition	296	Dried, production	254
Prices, farm	296	Imports	230
Production	296	Production, farm price, and value	230
Value	296	Degras, prices	148
Yield	296	Detergents, sales	149
Cows:		Discounts:	
Number on farms	301-303, 306	Farm Credit Administration	503, 505
Prices, market	310	Federal intermediate credit banks	507
Slaughter under Federal inspection	311-313	Economic trends	425, 426
Cows, milk:		Egg:	
Feeds	365-368	Dried, production	424
Number in specified countries	375	Liquid, production and disposition	424
Number on farms	306, 362-364, 371-373, 437	Eggplant:	
Prices, farm	387	Acreage and production	175, 449
Value, Jan. 1	362, 363, 437	Prices, farm	175
<i>See also</i> Cattle, dairy.		Yield and value	175, 449
Cranberries:		<i>See also</i> Vegetable seeds.	
Acreage, value, and yield	231, 448	Eggs:	
Prices, farm	231	Cold-storage stocks	414, 423
Processed, quantity	231	Consumption	421-424
Production	208, 231, 448	Disposition and income	421-424
Shipments	253	Exports	423
Cream:		Foreign production	421
Consumption	393	Imports	423
Exports	399	Income from	421, 422
Fluid, cold-storage holdings	393	Lay, rate	420, 421
		Numbers used for hatching	423

Eggs—Continued	Page	Farmers Home Administration—Continued	Page
Prices:		Real estate loans . . . . .	508
Farm . . . . .	421, 422	Farms:	
Wholesale . . . . .	423	Electrified . . . . .	519
Production . . . . .	420-424	Number . . . . .	427
Sales . . . . .	421, 422	Ownership changes . . . . .	433, 434
Value . . . . .	421, 422, 451	Receiving central-station electric service . . . . .	519
Electric service, central-station, farms		Telephone costs . . . . .	518
receiving . . . . .	519	Tenure of operator . . . . .	427
Emergency conservation practices . . . . .	545, 546	Value, per acre, index numbers . . . . .	432, 433
Employment, farm:		Fat products, consumption . . . . .	147
Average number of persons employed . . . . .	442	Fats:	
Self-employed . . . . .	488	Consumption . . . . .	147
Total . . . . .	441, 442, 458	Disappearance . . . . .	141, 142
<i>See also</i> Labor; Workers.		Exports . . . . .	141-144
Equipment, farm. <i>See</i> Farm equipment.		Imports . . . . .	141, 142
Escarole:		Prepared and processed under Federal inspection . . . . .	349
Acreage, production, and farm price . . . . .	175, 176, 449	Prices:	
Shipments . . . . .	199	Index numbers . . . . .	150
Yield and value . . . . .	175, 449	Wholesale . . . . .	148
Expenditures:		Stocks, Jan. 1 . . . . .	141, 142
Cooperative forest management . . . . .	564	Supply and disposition . . . . .	140-142
Forest fire protection . . . . .	564	Use, food and nonfood . . . . .	139-142, 146, 147
Expenses, farm production . . . . .	477	Used in—	
Exports:		Drying-oil industries . . . . .	141
Agricultural products. <i>See</i> Agricultural products, exports.		Margarine . . . . .	139
Volume . . . . .	426	Shortening . . . . .	140
<i>See also</i> under specific crops.		Soap . . . . .	149
Family, farm:		World production . . . . .	143
Income . . . . .	476	<i>See also</i> Oils; Shortening; and under specific kinds.	
Workers . . . . .	441, 442	Feed:	
Farm:		Bought, cost to farm operators . . . . .	477
Buildings, value . . . . .	426, 431	Grains:	
Cash receipts . . . . .	473-476	Exports, specified Government programs . . . . .	56
Conservation plans, soil conservation districts . . . . .	555	Prices . . . . .	57
Equipment:		Loans . . . . .	498, 499, 509
Value, shipped . . . . .	440	Prices, index numbers . . . . .	361
<i>See also</i> Machinery, farm.		Units, consumed by livestock and poultry . . . . .	358, 359
Employment . . . . .	441-443, 488	Feed concentrates:	
Family. <i>See</i> Family, farm.		Animal units fed . . . . .	56
Fire losses . . . . .	492	Quantity fed per animal unit . . . . .	56
Forestry accomplishments . . . . .	564	Supply, total and per animal unit . . . . .	56
Income. <i>See</i> Income.		Feed Grain Program:	
Labor. <i>See</i> Labor, farm.		Acreage diverted . . . . .	538, 539
Land:		Payments to producers . . . . .	537-539
Acreage . . . . .	426	Feeds:	
Utilization . . . . .	428, 429	For milk cows . . . . .	365-368
Value, selected years . . . . .	426, 431	Exports, index numbers . . . . .	585
Mortgage. <i>See</i> Mortgages, farm.		Imports, index numbers . . . . .	586
Operators, tenure of . . . . .	427	Feedstuffs:	
<i>See also</i> Farmers.		Commercial disappearance . . . . .	55
Output, index numbers . . . . .	452, 454, 456	Prices, market . . . . .	58
Population. <i>See</i> Population, farm.		Fertilizer:	
Production:		Bought, cost to farm operators . . . . .	477
Expenses . . . . .	477	Consumption . . . . .	479-481
Index numbers . . . . .	454, 455	Materials, sales and values . . . . .	481
Per man-hour . . . . .	456, 457	Plant-nutrient content . . . . .	479-481
Products:		Fibers:	
Income:		Consumption, by kinds . . . . .	73
Cash . . . . .	473-475	Imports . . . . .	74-76
Gross . . . . .	473, 477	Prices, at New York . . . . .	76
Nonmoney . . . . .	473	Production, world . . . . .	76
Prices, farm . . . . .	461-464	<i>See also</i> under specific kinds.	
Property:		Field seeds. <i>See</i> Seeds, field.	
Maintenance costs . . . . .	477	Figs:	
Taxes . . . . .	477	Dried:	
Value . . . . .	426, 431	Imports and exports . . . . .	232
Real estate. <i>See</i> Real estate, farm.		Production . . . . .	232, 254
Transfers . . . . .	433, 434	Farm price . . . . .	232
Farm Credit Administration:		Production . . . . .	208, 232, 448
Loans . . . . .	498, 499, 503-507	Value . . . . .	232
Loans and discounts:		Filberts:	
Made . . . . .	503	Imports . . . . .	260
Outstanding . . . . .	505, 507	Production, price, and value . . . . .	260, 448
Farmers:		Production in foreign countries . . . . .	259
Cooperative associations:		Fire, farm losses . . . . .	492
Loans . . . . .	498, 499, 503, 505, 507	Fires, forest:	
Type, number and membership . . . . .	512-514	Number and area . . . . .	565
Marketing and purchasing associations, membership and business . . . . .	512-514	Protection expenditures . . . . .	564
Share of retail cost . . . . .	459	Fish:	
<i>See also</i> Farm operators.		Consumption per capita . . . . .	576, 577
Farmers Home Administration:		Oil:	
Loans . . . . .	496, 498-500, 508-510	Exports . . . . .	143
Non-real estate loans . . . . .	509, 510	Production . . . . .	143
		Used in drying-oil industries . . . . .	141

Fish—Continued	Page	Fruits—Continued	Page
Packaged, fresh and frozen, production		Orders, marketing	544
by species	603	Production, world	208, 597
Fisheries, catch and disposition	603	Shipments	253
Fishery production, industrial	607	Unloads	251, 252
Fishery products:		<i>See also</i> under specific kinds.	
Canned, production and value	604	Fungicides:	
Exports	606	Prices, wholesale	483
Frozen, production	603	Production and foreign trade	482
Imports	605	Futures, commodity	601, 602
Flax fiber, imports	75, 76	Game killed in national forests	570
Flaxseed:		Garlic:	
Acreage	118-120, 445-447	Acreage, production, and farm price	177, 449
Crop insurance	489	Yield and value	177, 449
Crushed for linseed oil	122	Glycerin, prices	148
Exports, destination	123	Goat skins, imports	356
Exports	118, 122, 123, 144	Goats:	
Farm disposition	121	Carcases condemned	357
Imports	118, 121, 122, 145	Numbers clipped and average clip	346, 347
Prices:		Slaughtered under Federal inspection	357
Farm	118, 120	Government payments:	
Market	118	Per farm	477
Support operations	122	Total	473, 475
Production	118-121, 447	Grain products:	
Seeding rates, per acre	283	Consumption	48
Stocks	121	Exports, destination	14, 34, 40, 46
Supply and disappearance	121	Imports, index numbers	586
Value	118, 447	Grains:	
Yield per acre	118, 119	Consumption, civilian	48
<i>See also</i> Linseed.		Exports:	
Flood prevention operations:		Destination	14, 25, 34, 40, 46, 54
Forest Service	558	Index numbers	585
Soil Conservation Service	558	Feed:	
Flour. <i>See</i> under specific kinds.		Acreage	447
Food:		Prices, market	57, 58
Consumption, indexes	576	Food, acreage	447
Consumption, pounds	577	Imports, index numbers	586
Money value, seasonal index	579	Utilization in alcoholic products	19, 33, 45
Nutrients, contributed by food groups	575	<i>See also</i> under specific kinds.	
Plans:		Grape juice, canned pack	254
Cost	578	Grapefruit:	
Stamp (plan)	580, 582	Canned:	
Prices, farm-to-retail spread	459	Exports	226
Products, marketing spreads	459	Pack	227, 253
Supply-utilization:		Exports	221
Index	452	Foreign production	224
Components, percentage of total	453	Imports	221
Food and Nutrition Service programs	580-582	Juice, canned:	
Contributions to States	582	And orange juice, blended pack	254
Persons receiving benefits	581	Exports	226
Quantity and costs	580, 581	Pack	227, 254
Foreign trade. <i>See</i> Agricultural products, foreign trade; <i>also</i> under specific crops.		Juice, concentrated pack	226
Forestry statistics	558-570	Prices, farm	221
Fires, number and area	565	Processed, quantity	221
Fires, protection expenditures	564	Production	208, 221, 223, 224, 448
Land, farm and nonfarm	428, 429	Shipments	253
Land, total and commercial	559	Trade, international	229
Products, value	565	Unloads	251
Tree distribution	564	Value	221, 448
Forests. <i>See</i> National forests.		<i>See also</i> Citrus fruits.	
Freight-rate indexes	461	Grapes:	
Fruit:		Dried, production	254
Cocktail, canned pack	253	Exports	233
Juices, canned:		Farm disposition	235
Consumption	258	Frozen	255-257
Pack	225	Imports	233
Stocks	256	Prices, farm	233, 234
<i>See also</i> under specific kinds.		Production	208, 233-235, 448
Nectars, canned pack	254	Shipments	253
Salad, canned pack	253	Unloads	251
Fruits:		Utilization	235
Acreage, bearing	207, 446, 448	Value	233, 448
Canned:		Grazing on national forests, number of stock and receipts	567, 568
Consumption	258	Great Plains Conservation Program:	
Pack	253	Contracts, acreage, and obligations	557
Stocks	256	Practices	556
Cold-storage stocks	257	Greens, shipments	199
Consumption	258	Hail insurance:	
Dried:		Amount	492
Consumption	258	Losses paid	492
Foreign production	255	Net premiums	492
Production	254	Hams:	
Exports, index numbers	585	Exports	351
Frozen:		Imports	351, 352
Cold-storage stocks	257	Hardwood, production	570
Consumption	258	Hawaii statistics	609
Pack	255, 256	<i>See also</i> under specific commodities.	

Hay:	Page	Income—Continued	Page
Acreage .....	266-270	Cash from—Continued	
Exports .....	266	Cattle .....	308-310, 474
Farm disposition .....	271	Chickens .....	405-407, 474
Imports .....	266	Dairy products .....	377-379, 474
Prices:		Eggs .....	421, 422, 474
Farm .....	266, 268	Farming .....	473-477
Market .....	272	Hogs .....	319, 320, 474
Production .....	266-270	Lambs .....	331, 332, 474
Stocks on farms .....	267	Lard .....	319, 320
Supply and disappearance, total and per		Mohair .....	346, 347
animal unit .....	360	Sheep .....	331, 332, 474
Value .....	266, 447	Veal .....	308-310
Yield .....	266	Wool .....	338-340
Heifers:		Disposable personal .....	426, 476
Number on farms .....	306, 362-364	Farm family .....	476
Slaughter under Federal inspection .....	313	Gross from—	
Heifers, milk:		Broilers .....	409, 410
Number on farms .....	306, 362-364	Calves .....	308-310
Value, Jan. 1 .....	362, 363	Cattle .....	308-310
Hemp imports .....	75, 76	Chickens .....	405-407
Henequen:		Dairy products .....	378, 379
Imports .....	75, 76	Eggs .....	421, 422
Production, world .....	76	Farming .....	425, 473
Hens, number on farms .....	400, 401	Hogs .....	319, 320
Hides:		Lambs .....	331, 332
Exports .....	356, 357	Sheep .....	331, 332
Imports .....	356	Turkeys .....	416, 417
Imports, index numbers .....	586	Gross, per farm .....	477
Prices at Chicago .....	355	National .....	426
Hog-corn price ratio .....	322	Net, farm .....	425, 477
Hogs:		Nonfarm population .....	476
Carcasses condemned .....	357	Nonmoney .....	473
Income from, cash and gross .....	319, 320	Of industrial workers, index numbers .....	458
Marketings .....	319, 320	Personal .....	476
Number:		Index numbers:	
In specified countries .....	317	Agricultural:	
On farms .....	314, 315, 437	Exports .....	426, 585
On farms for breeding and market .....	316	Imports .....	426, 586
Packer and shipper purchases .....	323	Production .....	454-456
Prices, farm .....	320, 337	Cotton, exports .....	585
Production and disposition .....	319, 320	Cropland, total .....	455
Receipts:		Crop production .....	454, 455
At interior markets .....	320	Dairy products, imports .....	586
At stockyards .....	320	Deposits in country banks .....	435
Shipments .....	319, 320	Farm:	
Slaughter:		Employment .....	442
Farm .....	319-321	Food consumption .....	576
Under Federal inspection .....	321, 322, 357	Input .....	453
Slaughtered, live weight .....	321	Output .....	452, 454
Value, Jan. 1 .....	314, 315, 437	Output per man-hour .....	454
Value of production .....	451	Production .....	456
See also Pigs; Sows.		Production per man-hour .....	485, 486
Honey:		Real estate taxes .....	432, 433
Consumption .....	94	Real estate values .....	443
Exports .....	94, 96	Wage rates .....	443
Imports .....	94, 96	Fats, prices .....	150
Prices:		Feeds:	
Market .....	99	Exports .....	585
To producers .....	96, 98	Imports .....	586
Production .....	94, 96	Prices .....	361
Yield per colony of bees .....	96, 97	Freight rates .....	461
Hops:		Fruit exports .....	585
Acreage, yield, and production .....	297, 448	Grains:	
Consumption by breweries .....	297	Exports .....	585
Exports .....	297, 298	Imports .....	586
Imports .....	297, 298	Hides, imports .....	586
Prices, farm .....	297	Income, of industrial workers .....	458
Stocks on hand .....	297	Industrial production .....	458
Value .....	297, 448	Livestock:	
Horses:		And poultry on farms .....	358
Carcasses condemned .....	357	Production .....	454, 456
Slaughtered under Federal inspection .....	357	Products, production .....	454, 456
Horses and mules, feed units consumed .....	359	Oils:	
Ice cream:		Exports .....	585
Consumption .....	394	Imports .....	586
Disappearance .....	394	Prices .....	150
Production .....	390	Oilseeds, exports and imports .....	585, 586
Imports:		Parity ratio .....	425, 466
Agricultural products. See Agricultural		Prices:	
products, imports.		Consumers' .....	426, 583
Volume .....	426	Paid by farmers .....	425, 467, 583
See also under specific crops.		Received by farmers .....	425, 466
Income:		Wholesale .....	426, 466
Cash from—		Skins, imports .....	586
Beef .....	308-310	Sugar, imports .....	586
Calves .....	308-310, 474	Taxes, per acre .....	484-486

Index numbers—Continued	Page	Lemons—Continued	Page
Tobacco:		Trade, international	229, 230
Exports	585	Unloads	251
Imports	586	Value	221, 448
Supply-utilization, all farm and farm food		<i>See also</i> Citrus fruits.	
commodities	452	Lespedeza seed:	
Wool, imports	586	Acreage, yield, and production	274, 276, 447
Industrial production, index numbers	426, 458	Prices	274, 276, 279
Insecticides:		Stocks	278
Prices, wholesale	483	Value	274, 447
Production and foreign trade	482	Lettuce:	
Insurance:		Acreage, production, and farm price	177, 178
Crop	489-492	Shipments	199
Hail	491, 492	Unloads	197
Interest rates	493	Yield and value	177
International Grains Arrangement	9	<i>See also</i> Vegetable seeds.	
Istle, imports, for consumption	75, 76	Lime:	
Jute:		Bought, cost to farm operators	477
Imports	75, 76	Sales and value	481
Prices, market	76	Limes:	
Production, world	76	Imports	221
Kale:		Prices, farm	221, 223
Acreage, production, and farm price	177	Processed, quantity	221
Frozen pack	203	Production	208, 221, 223, 448
Yield and value	177	Value	221, 448
<i>See also</i> Vegetable seeds.		<i>See also</i> Citrus fruits.	
Kapok, imports, for consumption	75, 76	Linseed:	
Kid skins, imports	356	Cake and meal, exports, imports, and	
Kid skins, exports and imports	356	production	122
Labor, farm, required on farms	478	Exports, destination	123
<i>See also</i> Employment; Workers.		Meal, prices	121
Lamb:		Oil:	
Carcases, prices, wholesale	335	Exports	122, 123, 143
Crop	330, 331	Imports	122, 145
Skins, exports and imports	356, 357	Prices, market	121, 148
<i>See also</i> Lamb and mutton; Meat.		Production	122, 143
Lamb and mutton:		Stocks, July 1	122
Cold-storage holdings	352	<i>See also</i> Flax; Flaxseed.	
Consumption	354	Linters. <i>See</i> Cotton linters.	
Exports	351	Livestock:	
Imports	351	Bought, cost to farm operators	477
Production:		Grazed on national forests, and receipts	567, 568
United States	348, 354	Loans	509
World	350	Number on farms	437
Shipments to Territories	355	On farms, index numbers	358
Lambs:		Prices	336, 337
Marketings	331, 332	Production	451
Number on farms, by classes and States	325-327	Production, index numbers	454, 456
Prices:		Products:	
Farm	331, 337	Index numbers	454, 456
Market	335	Production and value	451
Receipts	331, 332	Slaughtered under Federal inspection	357
Shipments	331, 332	Value:	
Slaughter:		Of production	451
Farm	331, 332, 334	Total and per head	437
Under Federal inspection	334, 335	World. <i>See</i> specific kinds.	
<i>See also</i> Livestock; Sheep and lambs.		Loans:	
Land utilization:		Agricultural, Federal and other agencies	494-
For census years, United States	428	511, 515-518, 520-529, 534	
In Alaska	610	Banks for cooperatives	498, 499, 503, 505, 507
In Hawaii	609	Commodity Credit Corporation	498,
In farms and not in farms	428, 429	499, 523, 526-529, 534	
Lard:		Economic opportunity	498, 499, 509, 510
Consumption	142, 147, 324, 354	Emergency	498, 499, 509, 510
Exports	143, 144, 324	Farm:	
Income from, cash and gross	319, 320	Real estate, of all operating banks	501, 502
Prepared and processed under Federal		Under Veterans Administration	503
inspection	349	Farm Credit System	498, 499, 503, 505
Prices	148, 323	Farmers' cooperative organizations	498, 499, 511
Production	143, 324, 348, 354	Farmers Home Administration	496,
Shipments	324	498, 499, 508-510	
Stocks	324	Federal Farm Mortgage Corporation	500
Supply	324	Federal intermediate credit banks	498,
Used in—		499, 503, 505, 507	
Margarine	139	Federal land banks	495, 496, 500, 503-505
Products	147	Insurance companies	495, 496, 500
Shortening	140	Interest:	
Soap	149	Charges payable on loans outstanding	494
Legumes, acreage	445-447	Rates	493
Lemon juice, concentrated, pack	226	Livestock	509
Lemons:		Non-real estate	501, 503, 509, 510
Exports	221	Operating loans, Farmers Home	
Foreign production	224	Administration	498, 499, 509, 510
Imports	221	Personal and collateral, of all operating	
Prices, farm	221, 223	banks	501, 502
Processed, quantity	221	Production credit associations	498,
Production	208, 221, 223, 224, 448	499, 503, 505-507	
Shipments	253	Real estate, Farmers Home Administration	508

Loans—Continued	Page	Milk—Continued	Page
Rural Electrification Administration . . . . .	498, 499, 515-518, 520, 521	Dry—Continued	
To associations . . . . .	498, 499	Whole:	
To cooperatives . . . . .	498, 499, 503, 505, 507, 511	Consumption . . . . .	394
<i>See also</i> under specific type of commodity.		Disappearance . . . . .	394
Lumber, production . . . . .	570	Exports . . . . .	398, 399
Machinery, farm:		Exports, destination . . . . .	398
Number, Jan. 1 . . . . .	438	Imports . . . . .	397
Shipments . . . . .	438	Imports, origin . . . . .	397
Units manufactured . . . . .	439	Prices . . . . .	392
Value of shipments . . . . .	440	Stocks, manufacturers' . . . . .	392
<i>See also</i> Farm equipment.		Stocks on hand, Jan. 1 . . . . .	393
Manila fiber, imports . . . . .	75, 76	Evaporated:	
Maple products:		Consumption . . . . .	394
Sirup. <i>See</i> sirup, maple.		Disappearance . . . . .	394
Sugar. <i>See</i> Sugar, maple.		Exports . . . . .	398, 399
Maple trees tapped . . . . .	93	Exports, destination . . . . .	398
Margarine:		Prices . . . . .	392
Consumption . . . . .	147	Production . . . . .	390, 391
Disappearance, domestic . . . . .	139	Stocks, manufacturers' . . . . .	392
Exports . . . . .	139, 144	Stocks on hand, Jan. 1 . . . . .	393
Manufacture, materials used . . . . .	139	Marketing orders, Federal . . . . .	380-384
Prepared and processed under Federal inspection . . . . .	349	Prices:	
Prices, wholesale . . . . .	148	Farm . . . . .	377-379, 387
Production . . . . .	139	For specified purposes . . . . .	387, 388
Supply . . . . .	139	Received by producers . . . . .	377-381, 387
Marketing:		Retail . . . . .	377, 379, 385, 386
Agreements and orders:		Producer deliveries . . . . .	380, 381
Fruits, vegetables, and tree nuts . . . . .	544	Producers, number . . . . .	380, 381
Milk . . . . .	380-384	Production:	
Associations, membership and business . . . . .	511-514	On farms . . . . .	371-373
Bill for farm food products . . . . .	460	World production and utilization . . . . .	375
Costs . . . . .	460	Sales . . . . .	377-379, 382, 383
Spreads . . . . .	459	Utilization . . . . .	375, 376
Marketing, farm, cash receipts . . . . .	473-475	Value . . . . .	378, 379
Meals. <i>See</i> under specific kinds.		Milkfat:	
Measures:		In butter . . . . .	142
Equivalent weights . . . . .	VI, VII	Percentage in milk . . . . .	371-373
Tables, explanation . . . . .	IV, V	Prices, farm . . . . .	379, 387
Meat:		Production:	
Cold-storage holdings . . . . .	352	On farms . . . . .	371
Food products, prepared and processed under Federal inspection . . . . .	349	Per cow . . . . .	371-373
Trade, international . . . . .	353	Sales from farms . . . . .	377, 379, 382, 383
<i>See also</i> under specific kinds.		Milkfat feed price ratio . . . . .	369
Meats:		Mill products, disappearance . . . . .	55
Consumption . . . . .	354	Mohair:	
Exports . . . . .	351, 353	Price-support operations . . . . .	347
Imports . . . . .	351-353	Production, price, and value . . . . .	346, 347
Prepared and processed under Federal inspection . . . . .	349	Molasses:	
Production:		Edible:	
United States . . . . .	348	Production, foreign trade, and consumption . . . . .	94
World . . . . .	350	Industrial:	
Shipments to Territories . . . . .	355	Production, foreign trade, and market supplies . . . . .	95
Mellorine, production . . . . .	392	Production:	
Melons:		Hawaii . . . . .	82
Consumption . . . . .	200	Philippines . . . . .	84
Honeydews:		Puerto Rico . . . . .	83
Acreage, production, and farm price . . . . .	176	United States . . . . .	81, 82
Yield and value . . . . .	176	Mortgage, farm:	
<i>See also</i> Cantaloups; Muskmelons; Watermelons.		Debt . . . . .	426, 493, 495-500
Milk:		Interest and interest rates . . . . .	477, 493
Condensed:		Loans, interest charges payable . . . . .	494
Consumption . . . . .	394	Mortgages, farm:	
Disappearance . . . . .	394	Outstanding . . . . .	497-499
Exports . . . . .	398, 399	Recorded . . . . .	495
Exports, destination . . . . .	398	Motor fuel:	
Production . . . . .	391	Consumption, total . . . . .	486, 487
Stocks, manufacturers' . . . . .	392	Taxes . . . . .	486, 487
Stocks on hand, Jan. 1 . . . . .	393	Motor vehicles:	
Consumption . . . . .	393, 394	Registrations and fees . . . . .	486, 487
Disappearance . . . . .	393, 394	Number on farms . . . . .	437
Dry:		Motortrucks, number on farms . . . . .	437
Nonfat:		Mules. <i>See</i> Horses and mules.	
Consumption . . . . .	394	Mung beans, acreage, yield, production, price, and value . . . . .	298
Disappearance . . . . .	394	Muskmelons, shipments . . . . .	199
Exports . . . . .	398, 399	<i>See also</i> Cantaloups; Melons; Vegetable seeds.	
Exports, destination . . . . .	398	Mutton. <i>See</i> Lamb and mutton; Meats.	
Imports . . . . .	397	National forests:	
Imports, origin . . . . .	397	Areas, acreage, by States . . . . .	563
Prices . . . . .	392	Fires . . . . .	565
Production . . . . .	390, 391	Forest products, value . . . . .	565
Stocks, manufacturers' . . . . .	392	Payments to States and Territories . . . . .	569
Stocks on hand, Jan. 1 . . . . .	393	Receipts . . . . .	568
		Recreational use . . . . .	569

National forests—Continued	Page	Oilseeds—Continued	Page
Stock grazed on, and receipts	567, 568	Imports:	
Timber cut	565	Index numbers	586
Use by hunters and fishermen	570	Quantity	145
National income	426	World production	143
National marketing bill for civilian purchases of food products	460	Oiticica oil:	
National Poultry Improvement Plan	408, 409	Exports	143
Naval stores:		Prices, wholesale	148
Gum:		Production	143
Prices, market	573	Used in drying-oil industries	141
Value	573	Okra, frozen pack	203
See also Rosin; Turpentine.		See also Vegetable seeds.	
Neat's-foot oil prices	148	Oleomargarine. See Margarine.	
Nectarines:		Oleo oil, prices, wholesale	148
Disposition, use, price, and value	236, 448	Olive oil:	
Production	208, 236, 448	Exports	143
Nitrogen in commercial fertilizers	479-481	Imports	145, 236
Nonfood Assistance Program	580, 582	Prices, wholesale	148
Nutrients contributed by food groups	575	Production in specified countries	137
Nuts:		Production, world	143
Acreage, bearing	207, 446	Olives:	
Tree:		Imports	236
Commercial production in foreign countries	259	Prices, farm	236
Supply and distribution	259	Production	208
See also under specific kinds.		Utilization	236
Oatmeal:		Value	236
Consumption, civilian, per capita	48	Onions:	
Exports, destination	40	Acreage and production	179, 180
Oats:		Exports	180
Acreage	35-37, 445, 446, 447	Imports	180
Consumption, civilian	48	Prices, farm	179, 180
Exports	35, 39, 40	Shipments	199
Farm disposition	38	Shrinkage and loss	179, 180
Imports	35, 39	Stocks	180
Prices:		Unloads	197
Farm	35, 36	Yield and value	180
Market	35	See also Vegetable seeds.	
Support operations	40	Orange juice:	
Production	35-38, 447	And grapefruit juice, blended, canned pack	254
Seed prices	279	Canned pack	254
Seeding rates, per acre	283	Concentrated, pack	226
Stocks in principal exporting countries	49	Frozen, cold-storage stocks	257
Stocks on and off farms	39	Oranges:	
Supply and disappearance	39	Exports	221, 227
Value	35, 447	Foreign production	224
Yield	35, 37	Imports	221
Oil products, consumption	147	Prices, farm	221, 223
Oils:		Processed, quantity	221
Animal:		Production	208, 221, 223, 224, 448
Used in margarine	139	Shipments	253
Used in shortening	140	Trade, international	228
Consumption	147	Unloads	251
Disappearance	141, 142	Value	221, 448
Exports	141-144	See also Citrus fruits.	
Imports	141, 142, 145	Palm kernel oil:	
Prepared and processed under Federal inspection	349	Exports	143
Prices:		Imports	145
Index numbers	150	Production, world	143
Wholesale	148	Palm oil:	
Stocks, Jan. 1	141, 142	Exports	143
Supply and disposition	141, 142	Imports	145
Use, food and nonfood	139-142	Prices, wholesale	148
Used in—		Production, world	143
Drying-oil industries	141	Used in soap	149
Margarine	139	Paper:	
Shortening	140	Consumption per capita	570
Soap	149	Production and consumption	570
Vegetable:		Paperboard:	
Exports	144	Consumption per capita	570
Imports, index numbers	586	Production and consumption	570
Imports, quantity	145	Parity prices	461-464
Mellorine	392	Parity ratio	425, 466
Used in margarine	139	Pasture, condition:	
Used in shortening	140	Dairy	365
World production	143	First of month, May-October	272
See also Fats; Shortening; and under specific kinds.		June and September	273
Oilseed cake and meal:		Payments, Government:	
Disappearance	55	Total	473, 475
Exports	144	Peaches:	
Imports	145	Canned:	
See also under specific kinds.		Exports	238, 240
Oilseeds:		Pack	253
Exports	143, 144	Dried:	
		Exports	238
		Production	254, 255
		Exports	238, 240
		Farm disposition	239
		Foreign production	238

Peaches—Continued	Page	Peppermint	Page
Frozen	255-257	Acreage, production, and farm prices	300
Prices, farm	237, 238	Yield and farm value	300
Production	208, 237-239, 448	Peppers, green:	
Shipments	253	Acreage, production, and prices	181, 182
Unloads	251	Yield and value	181
Utilization	239	Shipments	199
Value	238, 448	<i>See also</i> Vegetable seeds.	
Peanut cake and meal, stocks, production, and exports	127	Persons supplied farm products per farm worker	458
Peanut oil:		Pesticides, production and foreign trade	482
Exports	127, 143, 144	Phosphate rock, sales and value	481
Imports	127, 145	Phosphoric oxide in commercial fertilizers	479-481
Prices, wholesale	148	Pickles:	
Production	127, 128, 143	Canned pack	201
Stocks	127, 128	Stocks	173
Peanuts:		Fig crop	316, 318
Acreage	124-126, 446, 447	<i>See also</i> Hogs; Sows.	
Consumption	128	Fimientos:	
Crushed	127, 128	Canned pack	201
Exports	124, 128, 129	Pineapple juice, canned pack	254
Farm disposition	127	Pineapples, canned pack	253
Foreign production	126	Plant-nutrients, consumption	479-481
Imports	124, 128, 129, 145	<i>See also</i> Fertilizers.	
Milled	128	Plums:	
Prices:		Canned:	
Cleaned and shelled	129	Exports	248
Farm	124, 125, 130	Pack	253
Growers	124, 125, 130	Exports	248
Support operations	124	Farm disposition	244
Production	124-129, 447	Frozen	255, 256
Seeding rates, per acre	283	Imports	248
Stocks on hand	128, 129	Prices, farm	244, 245
Supply and disposition	128, 129	Production	208, 244, 247, 448
Utilization, shelled	130	Shipments	253
Value	124, 147	Unloads	251
Yield	124, 125	Utilization	244-246
Pears:		Value	244, 245, 448
Canned:		Popcorn:	
Exports	240	Acreage, production, and value	299, 447
Pack	253	Yield and farm price	299
Cold-storage carryover	257	Poppyseed, imports	145
Dried:		Population:	
Exports	240	Eating out of civilian food supplies	574
Production	254	Farm	440
Exports	240	Total	440, 458
Farm disposition	243	Pork:	
Foreign production	241	Cold-storage holdings	352
Imports	240	Consumption	354
Prices:		Exports	351, 355
Farm	240, 241	Imports	351, 352, 355
Market	243	Income, cash and gross	319, 320
Production	208, 240, 241, 243, 448	Prepared and processed under Federal inspection	349
Shipments	253	Prices, wholesale	323
Trade, international	242	Production:	
Unloads	251	United States	348, 354
Utilization	243	World	350
Value	448	Shipments to Territories	355
Peas:		Potash in commercial fertilizer	479-481
Blackeye, frozen pack	203	Potatoes:	
Dry:		Acreage	182-185, 445-447
Acreage	291, 292, 445-447	Consumption	200
Exports	294	Exports	182, 189
Farm disposition	293	Farm disposition	186-188
Prices, farm	291	Foreign production	185
Production	291-293, 447	Frozen pack	203
Seeding rates, per acre	283	Imports	182, 189
Trade, international	294	Prices:	
Value	291, 447	Farm	182-184
World acreage, yield, and production	292	Market	182
Yield	291	Production	182-188, 447
Green:		Seeding rates, per acre	283
Acreage and production	180, 181	Shipments	199
Canned:		Unloads	197
Consumption	202	Utilization	186
Pack	201	Value	182, 447
Frozen pack	203	Yield	182
Prices, farm	180, 181	Poultry:	
Shipments	199	Cold-storage holdings	414
Unloads	197	Consumption per capita	576, 577
Yield and value	180	On farms, index numbers	358
<i>See also</i> Vegetable seeds.		Products, cold-storage holdings	414
Pecans:		Ration costs	414
Exports	262	Ready-to-cook	413
Imports	262	Slaughtered under Federal inspection	413
Production and prices	261, 262, 448	<i>See also</i> Chickens; Chicks; Turkeys.	
Value	262, 448	Poultry-feed price ratios	414



Precipitation and temperature, annual, by States.....	Page 599, 600	Refrigeration, warehouse space.....	Page 608
Price, index, consumers', by groups and years..	426	Rhubarb, frozen pack.....	203
Price support:		Rice:	
Commodities owned.....	524	Acreage.....	21, 22, 445-447
Commodities under loan.....	525	Consumption, civilian.....	48
Granted by CCC.....	522	Farm disposition.....	23, 24
Operations, investment in.....	534	Exports:	
<i>See also individual commodities.</i>		Destination.....	25
Prices:		Under specified Government programs...	24
<i>For individual crops or commodities, see specific commodity.</i>		Prices:	
Consumer.....	426	Farm.....	21
Farm products.....	461-464	Market.....	24
Farm-retail spread.....	459	Support operations.....	25
Index numbers.....	466, 467	Production.....	21, 22, 447
Paid by farmers.....	468-472	Products, consumption per capita.....	48
Parity index.....	466	Seeding rates, per acre.....	283
Received by farmers, index numbers.....	466	Stocks.....	23
Wholesale, index numbers.....	466	Supply and distribution.....	23
Production:		Trade, international.....	26, 27
Assets.....	436	Value.....	21, 447
Credit associations, loans.. 498, 499, 503, 505-507		Yield.....	21, 22
Expenses of farmers.....	425, 477	Rosin:	
Operating loans, Farmers Home Administration..... 498, 499, 509, 510		Consumption.....	572, 573
Per farm worker.....	458	Prices and value.....	573
Per man-hour.....	456	Supply and distribution.....	572
Proteins (animal), disappearance.....	55	Used in manufacture of soap.....	149
Prune juice, canned pack.....	254	Roughage fed milk cows.....	365
Prunes:		Rural Electrification Administration:	
Canned:		Borrowers, status of.....	516
Exports.....	248	Loans.....	498, 499, 515-518, 520, 521
Pack.....	253	Services.....	515-521
Quantity.....	246	Rutabagas, shipments.....	199
Dried:		<i>See also Vegetable seeds.</i>	
Exports.....	247, 248	Rye:	
Imports.....	248	Acreage.....	16-18, 446, 447
Production.....	254, 255	Consumption, civilian.....	48
Quantity and farm price.....	246	Exports.....	16, 19
Exports.....	247, 248	Farm disposition.....	19, 20
Frozen, prices.....	246	Flour, consumption per capita.....	48
Frozen, quantity.....	246, 255, 256	Imports.....	16, 19
Imports.....	248	Prices:	
Prices, farm.....	244-246	Farm.....	16, 17
Production.....	244, 245, 247	Market.....	16
Shipments.....	253	Support operations.....	20
Unloads.....	251	Production.....	16-20, 447
Utilization.....	244-246	Seeding rates, per acre.....	283
Value.....	244, 245	Stocks in principal exporting countries.....	49
Pullets, number on farms.....	400-402	Stocks on and off farms.....	19
Pulpwood consumption.....	570	Supply and distribution.....	19
Pumpkin:		Utilization:	
Canned pack.....	201	By kinds.....	19
Frozen pack.....	203	In alcoholic products.....	19
<i>See also Vegetable seeds.</i>		Value.....	16, 447
Purchasing associations, membership and business.....	512-514	Yield.....	16, 18
Raisins:		Sauerkraut:	
Exports.....	233, 235	Cabbage utilized.....	165, 166
Imports.....	233	Canned pack.....	201
Production.....	233, 254	Stocks, canners' and distributors.....	206
Range, condition, first of month, May-Oct....	272	Sausage:	
Rapeseed:		Exports.....	351
Imports.....	145	Imports.....	351, 352
Oil:		Prepared and processed under Federal inspection.....	349
Exports.....	143	School lunch programs, quantity and costs. 580-582	
Imports.....	145	Seeding rate for specified crops per acre, by States.....	283
Prices, market.....	148	Seeds:	
Production.....	143	Acreage, production, and value.....	447
Rates of seeding, for specified crops, per acre	283	Bought, cost to farm operators.....	477
Rations, concentrate, value per 100 lb. fed to milk cows.....	368, 369	Field:	
Rations fed to milk cows.....	365-368	Prices, farm.....	279
Rayon:		Prices, retail.....	279
Consumption.....	73	Stocks on hand, June 30.....	278
Production, foreign trade, consumption, prices.....	74	Imports under Federal Seed Act.....	281, 282
Production in selected countries.....	74	Vegetable. <i>See Vegetable seeds.</i>	
Real estate, farm:		Winter cover-crop:	
Loans:		Production.....	277
Farmers Home Administration.....	508	Prices.....	277
Of operating banks.....	501, 502	<i>See also under specific kinds.</i>	
Taxes.....	484-486	Sesame:	
Taxes, index numbers.....	484-486	Oil:	
Value:		Exports.....	143
Index numbers.....	426, 432, 433	Prices, wholesale.....	148
Selected years.....	426, 431	Production, world.....	143
		Seed, imports.....	145
		Shallots:	
		Acreage, production, and prices.....	189

Shallots—Continued	Page	Soil conservation:	Page
Yield and value . . . . .	189	Districts:	
Sheep:		Growth . . . . .	550, 551
Marketings . . . . .	331, 332	State appropriations . . . . .	550
Number on farms, Jan. 1 . . . . .	325-327	State participation . . . . .	551
Prices:		Plans . . . . .	555
Farm . . . . .	331, 337	Practices applied . . . . .	547, 548, 552-554
Market . . . . .	335	Surveys, acreage . . . . .	552
Shipments . . . . .	331, 332	Soil Conservation Service:	
Slaughter:		Conservation plans . . . . .	555
Farm . . . . .	331, 332, 334	Flood prevention operations . . . . .	558
Under Federal inspection . . . . .	334, 335, 357	Great Plains . . . . .	556, 557
<i>See also</i> Sheep and lambs; Livestock.		Watershed improvements . . . . .	558
Sheep and lambs:		Sorghums:	
Carcasses condemned . . . . .	357	Acreage . . . . .	50-52, 445-447
Number:		Acreage diverted and payments to	
In specified countries . . . . .	328	producers . . . . .	538
On farms, by classes and States . . . . .	325-327, 437	Grain:	
On feed . . . . .	325, 329	Exports . . . . .	54
Shorn for wool . . . . .	338-340	Farm disposition . . . . .	52, 53
Prices, farm . . . . .	331, 337	Prices, market . . . . .	53
Production, disposition, and income . . . . .	331, 332	Stocks on and off farms . . . . .	53
Receipts at public stockyards . . . . .	333	Supply and disappearance . . . . .	55
Shipments . . . . .	331, 332	Support operations . . . . .	54
Skins:		Prices, farm . . . . .	50-52
Exports . . . . .	356, 357	Production . . . . .	50-53, 447
Imports . . . . .	356	Seeding rates, per acre . . . . .	283
Origin . . . . .	356	Value . . . . .	50, 447
Slaughter:		Yield . . . . .	50-52
Farm . . . . .	331, 332, 334	Sows:	
Under Federal inspection . . . . .	334, 335, 357	Farrowing . . . . .	316, 318
Value:		Purchases . . . . .	323
Jan. 1 . . . . .	325, 327, 329	<i>See also</i> Hogs; Pigs.	
Of production . . . . .	331, 332, 451	Soybean cake and meal:	
<i>See also</i> Lambs; Livestock; Sheep.		Cake and meal stocks, production,	
Shortening:		imports, and exports . . . . .	135, 136
Consumption:		Meal, prices . . . . .	137
Civilian . . . . .	140, 147	Soybean oil:	
Military . . . . .	140	Exports . . . . .	135, 136, 143, 144
Exports . . . . .	140	Prices:	
Manufacture, fats and oils used . . . . .	140	Market . . . . .	137
Prices, wholesale . . . . .	148	Wholesale . . . . .	148
Production . . . . .	140	Production . . . . .	135, 143
Supply and disappearance . . . . .	140	Stocks . . . . .	135
<i>See also</i> Fats; Oils.		Used in—	
Silk:		Drying-oil industries . . . . .	141
Consumption . . . . .	73	Margarine . . . . .	139
Imports . . . . .	74-76	Shortening . . . . .	140
Prices . . . . .	74	Soybeans:	
Sirup:		Acreage . . . . .	131-133, 446, 447
Corn:		Crop insurance . . . . .	490
Consumption, civilian, per capita . . . . .	48	Crushed . . . . .	135
Production, exports, and consumption . . . . .	94	Disappearance . . . . .	135
Maple:		Exports . . . . .	131, 135, 136
Consumption, domestic . . . . .	94	Farm disposition . . . . .	133, 134
Imports . . . . .	93, 94	Foreign production . . . . .	133
Prices, farm . . . . .	93	Imports . . . . .	131, 145
Production . . . . .	93, 94, 448	Prices:	
Value . . . . .	448	Farm . . . . .	131, 132
Refiners, production and consumption . . . . .	94	Market . . . . .	137
Sorghum, production and consumption . . . . .	94	Support operations . . . . .	131
Sugarcane:		Production . . . . .	131-134, 447
Acreage, yield, production, and		Seed, imports . . . . .	282
prices . . . . .	92, 94, 447	Seed, prices . . . . .	279
Consumption . . . . .	94	Seeding rates, per acre . . . . .	283
Sirups, edible:		Stocks on and off farms . . . . .	134, 135
Production, foreign trade, and consumption . . . . .	94	Supply and disappearance . . . . .	135
Sisal:		Value . . . . .	131, 447
Imports for consumption . . . . .	75, 76	Yield . . . . .	131, 132
Production, world . . . . .	76	Spearmint:	
Skins:		Acreage, production, and farm prices . . . . .	300
Exports . . . . .	356, 357	Yield and farm value . . . . .	300
Imports . . . . .	356	Special Food Service Program . . . . .	582
Index numbers, imports . . . . .	586	Special Milk Program . . . . .	580, 582
Origin . . . . .	356	Sperm oil:	
Snuff:		Exports . . . . .	143
Consumption . . . . .	108	Imports . . . . .	148
Manufactured . . . . .	107	Production, world . . . . .	143
Soap:		Spinach:	
Consumption . . . . .	147	Acreage, production, and prices . . . . .	190, 191
Manufacture, fats, oils, and rosin used . . . . .	149	Canned pack . . . . .	201
Sales, total and per capita . . . . .	149	Frozen pack . . . . .	203
Social Security:		Shipments . . . . .	199
Self-employed farmers and hired workers . . . . .	488	Yield and value . . . . .	191
Self-employment income groupings . . . . .	488	<i>See also</i> Vegetable seeds.	
Taxable earnings and taxes paid . . . . .	488	Squash:	
Softwoods, production . . . . .	570	Canned pack . . . . .	201
		Frozen pack . . . . .	203
		<i>See also</i> Vegetable seeds.	

Stags, slaughter under	Page	Sweetclover seed—Continued	Page
Federal inspection	313	Prices	274, 276, 279
Steers:		Value	274, 447
Beef, prices, market	310, 313	Yield and production	274, 276, 447
Number on farms	303, 306	<i>See also</i> Clover seed.	
Prices:		Sweetpotatoes:	
In Argentina	314	Acreage	191, 192, 445-447
In Canada	314	Consumption	200, 202
Slaughter under Federal inspection	313	Farm disposition	192, 193
Strawberries:		Prices	191, 192
Acreage	248, 249, 448	Production	191-193, 447
Frozen pack	255, 256	Seedling rates, per acre	283
Prices, farm	248-250	Shipments	199
Production	208, 248-250, 448	Value	191, 447
Shipments	253	Yield	191
Unloads	251	Tallow:	
Utilization	248	Edible:	
Value	448	Exports	144
Succotash, frozen pack	203	Prices	148
Sugar:		Production, world	143
Beet:		Used in shortening	140
Production, United States	77, 83	Inedible:	
Production, world	85	Exports	144, 146
Stocks, production, and deliveries	87	Factory consumption	146
Cane:		Imports	146
Produced per ton of cane	81, 82	Prices	146, 148
Production:		Production	146
In Hawaii	83	Supply and disposition	146
In Puerto Rico	83	Used in soap	149
In Philippines	83, 84	Tall oil:	
In United States	81, 82	Prices, wholesale	148
In Virgin Islands	83	Used in drying-oil industries	141
Production, world	85	Used in soap	149
Stocks, production, and deliveries	87	Tampico, imports for consumption	75, 76
Stocks, receipts, meltings, and deliveries	87	Tangelos	221, 223
Consumption:		Tangerine, juice, pack	225, 254
Military and civilian, total and per capita	84	Tangerines:	
Corn, consumption, civilian, per capita	48	Prices, farm	221
Exports	84, 92	Production	208, 221, 223
Foreign stocks	88	Unloads	251
Imports:		<i>See also</i> Citrus fruits.	
Index numbers	586	Taxes:	
Origin	91	Automotive, receipts	486, 487
Maple:		Farm real estate:	
Imports	93	Amount	484-486
Prices, farm	93	Index numbers	484-486
Production	93	Motor fuel, receipts	486, 487
Marketed, by source	86	Tea:	
Prices:		Exports from principal countries	263
Retail, United States	91	Imports, origin	263
Wholesale, at New York	91	Telephone borrower statistics	518, 520, 521
Production in continental United States and principal areas supplying sugar	83	Revenues and expenses	518
Production, world	85	Route lines provided	521
Stocks, production, trade, and supply available for consumption	84	Temperature and precipitation, annual, by States	599, 600
Trade, international	89, 90	Temples	222, 223
Sugar Act payments to producers	80, 535, 536	Timber:	
Sugarbeet Program, payments to producers	80, 535	Cut	560, 562, 565
Sugarbeet pulp, production	77	Products	566, 567
Sugarbeet seed:		Volume	559-561
Acreage, yield, production, price, value, and foreign trade	78	Timothy seed:	
Sugarbeets:		Acreage	274, 275, 446, 447
Acreage	77, 79, 445, 446, 448	Prices	274, 275, 279
Price, farm	77, 80	Value	274, 447
Production	77, 79, 448	Yield and production	274, 275
Program, payments to producers	80, 535	Tobacco:	
Value	77, 448	Acreage	100-105, 446, 447
World acreage and production	79	Chewing:	
Yield	77, 79	Consumption	108
<i>See also</i> Beets.		Manufactured	107
Sugarcane:		Consumption	108
Acreage	81, 82, 446, 447	Crop insurance	490
Acreage, production, and yield:		Exports:	
In Hawaii	82, 83	Destination	112, 113
In Puerto Rico	83	Index numbers	585
In Philippines	84	Quantity	100, 103-105
Prices, farm	81, 82	Imports:	
Production for sugar and seed	81, 82, 447	Index numbers	586
Program payments to producers	80, 536	Origin	111
Sirup. <i>See</i> Sirup, sugarcane.		Quantity	100, 110, 111
Value	81, 447	Prices:	
Yield per acre	81, 82	Farm	100, 101, 103-105
Support prices, commodity	465	Support operations	109
Sweetclover seed:		Production	100-105, 447
Acreage	446, 447	Products:	
		Consumption	108
		Manufactured	107

Tobacco—Continued	Page	Turpentine—Continued	Page
Smoking:		Prices and value . . . . .	573
Consumption . . . . .	108	Supply and distribution . . . . .	571
Manufactured . . . . .	107	<i>See also</i> Naval stores.	
Stocks . . . . .	103-107	Utilization of farm commodities:	
Supply and disappearance . . . . .	103-105	Apples . . . . .	211
Trade, international . . . . .	110, 111	Apricots . . . . .	215, 216
Value . . . . .	100, 447	Barley, in alcoholic products . . . . .	45
World acreage and production . . . . .	102, 103	Cherries . . . . .	220
Yield per acre . . . . .	100	Corn:	
<i>See also</i> Cigarettes, Cigars, Snuff.		Acreage . . . . .	28
Tomato products:		By States . . . . .	29, 30
Catsup, canned pack . . . . .	201	In alcoholic products . . . . .	33
Catsup exports . . . . .	195	Grapes . . . . .	235
Juice:		Land . . . . .	428, 429
Canned pack . . . . .	201	Milk . . . . .	375, 376
Exports . . . . .	195	Olives . . . . .	236
Paste:		Peaches . . . . .	239
Canned pack . . . . .	201	Pears . . . . .	243
Exports . . . . .	195	Plums . . . . .	244-246
Imports . . . . .	195	Prunes . . . . .	244-246
Pulp, canned pack . . . . .	201	Rye, in alcoholic products . . . . .	19
Tomatoes:		Total index . . . . .	452
Acreage and production . . . . .	193-195	<i>See also</i> individual items.	
Canned:		Value of agricultural commodities:	
Consumption . . . . .	202	Crops:	
Exports . . . . .	195	Principal . . . . .	447-450
Imports . . . . .	195	Specific. <i>See</i> under name of specific crop.	
Pack . . . . .	201	Vegetable . . . . .	153, 156
Consumption . . . . .	200	Exports . . . . .	585-593, 595, 596
Exports . . . . .	195	Imports . . . . .	585, 589-591, 594, 596
Imports . . . . .	195	Livestock . . . . .	437, 451
Prices, farm . . . . .	193-195	Veal:	
Shipments . . . . .	199	Consumption . . . . .	354
Yield and value . . . . .	195	Production . . . . .	348, 354
<i>See also</i> Vegetable seeds.		<i>See also</i> Beef; Beef and Veal; Meats.	
Tractors:		Vegetable fats and oils:	
Number on farms . . . . .	437	Fats. <i>See</i> Fats, vegetable.	
Shipments . . . . .	438	Oils. <i>See</i> Oils, vegetable.	
<i>See also</i> Machinery, farm.		Vegetable seeds:	
Trade, international:		Acreage and production . . . . .	280
Apples . . . . .	212	Admitted under Federal Seed Act . . . . .	282
Bananas . . . . .	216	Stocks on hand . . . . .	280
Cotton . . . . .	67	<i>See also</i> Seeds.	
Citrus fruit . . . . .	228-230	Vegetables:	
Meat . . . . .	353	Acreage . . . . .	153, 154, 446, 448, 449
Pears . . . . .	242	Canned:	
Rice . . . . .	26, 27	Consumption . . . . .	202, 205
Sugar . . . . .	89, 90	Pack . . . . .	201
Tobacco . . . . .	110, 111	Stocks . . . . .	206
Wheat and flour . . . . .	13	Exports, index numbers . . . . .	585
Wool . . . . .	344, 345	Frozen:	
Transportation costs, rail and truck . . . . .	460	Cold-storage stocks . . . . .	205
Truck crops. <i>See</i> Vegetable crops.		Consumption . . . . .	204, 205
Tung nuts, production, price, and value . . . . .	138	Pack . . . . .	203
Tung oil:		Orders, marketing . . . . .	544
Exports . . . . .	138, 143	Production . . . . .	152, 153, 155, 448, 449
Imports . . . . .	138, 145	Shipments . . . . .	199
Prices, wholesale . . . . .	148	Unloads . . . . .	197, 198
Production, stocks, disappearance, and exports . . . . .	138, 143	Value . . . . .	153, 156, 448, 449
Used in drying-oil industries . . . . .	141	<i>See also</i> under specific kinds.	
Turkey-feed price ratios . . . . .	414	Veterans Administration, farm loans . . . . .	503
Turkeys:		Wages, farm:	
Commercial storage stocks . . . . .	418	Rates . . . . .	443
Consumption:		Index numbers . . . . .	443
Per capita . . . . .	418	Walnuts:	
Total . . . . .	418	English. <i>See</i> Walnuts, Persian.	
Farm disposition and income . . . . .	416, 417	Persian:	
Live weight, average . . . . .	418	Exports . . . . .	262
Number on farms . . . . .	415, 416, 437	Imports . . . . .	262
Participation in National Turkey Improvement Plan . . . . .	408	Production in foreign countries . . . . .	259
Poult hatched . . . . .	418, 419	Production, prices, and value . . . . .	262, 448
Prices, farm . . . . .	416, 417	Warehouse space, refrigerated . . . . .	608
Production . . . . .	416, 417	Water conservation. <i>See</i> Conservation.	
Sales from farms . . . . .	416, 417	Watermelons:	
Supply and distribution . . . . .	418	Acreage, production, and prices . . . . .	196
Tested for pullorum disease . . . . .	414	Shipments . . . . .	199
Value:		Unloads . . . . .	197
Jan. 1 . . . . .	415, 416, 437	Yield and value . . . . .	196
Of production . . . . .	416, 451	<i>See also</i> Melons; Vegetable seeds.	
<i>See also</i> Poultry.		Watershed improvements of Soil Conservation Service . . . . .	558
Turnip greens, frozen pack . . . . .	203	Weather statistics . . . . .	599, 600
Turnips, shipments . . . . .	199	Weed killers, production and foreign trade . . . . .	482
<i>See also</i> Vegetable seeds.		Weights:	
Turpentine:		Equivalent measures . . . . .	VI, VII
Consumption . . . . .	571	Tables, explanation . . . . .	IV, V

Wheat:	Page	Wheat—Continued	Page
Acreage .....	1-6, 445-447	Value .....	1, 447
Acreage diverted and payments to producers .....	537-539	Yield .....	1, 4-6
Cereal, consumption per capita .....	48	Wheat Certificate Program .....	538, 539
Consumption .....	48	Wood-pulp production .....	570
Crop insurance .....	490	Wool:	
Exports:		Carpet, imports .....	340
Destination .....	14	Consumption:	
Quantity .....	1, 8, 10, 11	Per capita .....	73
Specified Government programs .....	8	Total .....	73, 341
Farm disposition .....	6, 7	Exports .....	340
Flour:		Imports:	
Consumption, civilian, per capita .....	48	By grades .....	346
Exports, destination .....	14	Index numbers .....	586
Prices .....	15	Origin .....	345
Imports .....	1, 8, 10, 11	Quantity .....	340
International Grains Arrangement .....	9	Income .....	338-340
Loan program, Commodity Credit Corporation .....	522-526, 528, 529	Prices:	
Prices:		At Boston and British Dominion .....	342
Farm .....	1, 2	Farm .....	338-340
Market .....	1, 15	Price-support operations .....	342
Support operations .....	15	Production .....	338-340, 343
Production .....	1-7, 447	Pulled, production .....	340
Seed prices .....	279	Trade, international .....	344, 345
Seeding rates, per acre .....	283	Value .....	338-340
Stocks:		Weight per fleece .....	338-340
By classes .....	11	World production .....	343
In all positions .....	10	Workers, farm:	
In principal exporting countries .....	49	Hired, number and index .....	442
On and off farms .....	12	Working during year .....	442
Supply and distribution .....	10, 11	Productivity .....	458
Trade, international .....	13	Social Security .....	488
		<i>See also</i> Labor; Employment.	
		World crops:	
		Acreage and production .....	597, 598