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UNITED STATES  
DEPARTMENT OF AGRICULTURE

**AGRICULTURAL  
STATISTICS  
1982**



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# Agricultural Statistics, 1982

*Agricultural Statistics, 1982* was prepared under the direction of GERALD L. CLAMPET, Chief, Data Services Branch, Statistical Reporting Service. EILEEN JOHNSON was responsible for coordination and technical editorial work.

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# Introduction

*Agricultural Statistics* is published each year to meet the diverse need 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.

The historical series in this volume have been generally limited to data beginning with 1965 or later, except for indexes of prices received and prices paid by farmers (1977=100). These series begin with 1910.

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.

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.

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 revision 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 area, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

## DEFINITIONS

"Value of production" 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, quantities not harvested because of low prices or other economic factors are not included in value of production. The word "Value" is used in the inventory tables on livestock and poultry to mean value of the number of head on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of the date.

The word "Year" (alone) in a column heading means calendar year unless otherwise indicated. "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 State schedules of legal weights, various sources within the U.S. Department of Agriculture, and other Government agencies. 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	
		U.S.	Metric			U.S.	Metric
		<i>Pounds</i>	<i>Kilo-grams</i>			<i>Pounds</i>	<i>Kilo-grams</i>
Alfalfa seed.....	Bushel.....	60	27.2	Celery.....	Crate <sup>11</sup> .....	60	27.2
	do.....	48	21.8	Cherries.....	Lug (Campbell) <sup>12</sup> .....	16	7.3
Apples.....	Northwest box <sup>2</sup> .....	44	20.0		Lug.....	20	9.1
	Fiberboard box, cell pack.....	37-44	16.8-20.0	Clover seed.....	Bushel.....	60	27.2
Apricots.....	Lug (brentwood) <sup>3</sup> .....	24	10.9	Corn:			
Western.....	4-basket crate <sup>4</sup> .....	26	11.8	Ear, husked.....	Bushel.....	<sup>13</sup> 70	31.8
Artichokes:				Shelled.....	do.....	56	25.4
Globe.....	½-box.....	20	9.1	Meal.....	do.....	50	22.7
Jerusalem.....	Bushel.....	50	22.7	Oil.....	Gallon.....	<sup>10</sup> 7.7	3.5
Asparagus.....	Crate.....	30	13.6	Sirup.....	do.....	11.72	5.3
Avocados.....	Lug <sup>5</sup> .....	12-15	5.4-6.8	Sweet:			
Bananas.....	Fiber folding box <sup>6</sup> .....	40	18.1	Mesh or paper bag.....	45-50	20.4-22.7	
Barley.....	Bushel.....	48	21.8	Wirebound crate.....	40-60	18.1-27.2	
Beans:				Cotton	Bale, gross.....	<sup>14</sup> 500	227
Lima, dry.....	do.....	56	25.4	Bale, net.....	<sup>14</sup> 480	218	
Other, dry.....	do.....	60	27.2	Bushel.....	<sup>15</sup> 32	14.5	
	Sack.....	100	45.4	Cottonseed oil.....	Gallon.....	<sup>10</sup> 7.7	3.5
Lima, unshelled.....	Bushel.....	28-32	12.7-14.5	Cowpeas.....	Bushel.....	60	27.2
Snap.....	do.....	28-32	12.7-14.5	Cranberries.....	Barrel.....	100	45.4
Beets:					¼-bbl. box <sup>16</sup> .....	25	11.3
Without tops.....	do.....	50	22.7	Cream, 40-percent butterfat.....	Gallon.....	8.38	3.80
Bunched.....	Wirebound crate.....	45	20.4	Cucumbers.....	Bushel.....	48	21.8
Berries frozen pack:				Dewberries.....	24-qt. crate.....	36	16.3
Without sugar.....	50-gal. barrel.....	380	172	Eggplant.....	Bushel.....	33	15.0
3 + 1 pack.....	do.....	425	193	Eggs, average size.....	Case, 30 dozen.....	47.0	21.3
2 + 1 pack.....	do.....	450	204	Escarole.....	Bushel.....	25	11.3
Blackberries.....	24-qt. crate.....	36	16.3	Figs, fresh.....	Box single layer <sup>17</sup> .....	6	2.7
Bluegrass seed.....	Bushel.....	14-30	6.4-13.6	Flaxseed.....	Bushel.....	56	25.4
Broccoli.....	Wirebound crate.....	20-25	9.1-11.3	Flour, various.....	Bag.....	100	45.4
Broomcorn (6 bales per ton).	Bale.....	333	151	Grapefruit:			
Broomcorn seed.....	Bushel.....	44-50	20.0-22.7	Florida and Texas.....	½-box mesh bag.....	40	18.1
Brussels sprouts.....	Drums.....	25	11.3	Florida.....	1½ bu. box.....	85	38.6
Buckwheat.....	Bushel.....	48	21.8	Texas.....	1½ bu. box.....	80	36.3
Butter.....	Box.....	64	29.0	California			
	Open mesh bag.....	50	22.7	Desert Valleys and Arizona.....	Box <sup>18</sup> .....	<sup>19</sup> 64	29.0
Cabbage.....	Wirebound crate <sup>7</sup> .....	50	22.7		Carton <sup>20</sup> .....	32	14.5
	Western crate <sup>8</sup> .....	80	36.3	California other than Desert Valleys.....	Box <sup>18</sup> .....	67	30.4
Cantaloups.....	Jumbo crate <sup>9</sup> .....	83	37.6		Carton <sup>20</sup> .....	33½	15.2
Carrots:				Grapes:			
Without tops.....	Bushel.....	50	22.7	Eastern.....	4-qt. climax basket.....	6	2.7
	Open mesh bag.....	50	22.7		12-qt. basket.....	18-20	8.2-9.1
Castor beans.....	Bushel.....	41	18.6	Western.....	Lug <sup>21</sup> .....	28	12.7
Castor oil.....	Gallon.....	<sup>10</sup> 8	3.6		4-basket crate <sup>22</sup> .....	20	9.1
	W.G.A. crate.....	50-60	22.7-27.2	Hempseed.....	Bushel.....	44	20.0
	Fiberboard box.....			Hickory nuts.....	do.....	50	22.7
Cauliflower.....	Wrapper leaves removed film-wrapped, 2 layers.....	23-35	10.4-15.9	Honey.....	Gallon.....	11.84	5.4
				Honeydew melons.....	Jumbo crate <sup>23</sup> .....	44	20.0
				Hops.....	Bale, gross.....	200	90.7

See footnotes on page IX.

## WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
		Pounds	Kilo-grams			Pounds	Kilo-grams
Horseradish roots	{ Bushel..... Barrel.....	35 100	15.9 45.4	Peas:			
Hungarian millet seed	Bushel	48 and 50	21.8-22.7	California	Bushel	48	21.8
Kale	do.	18	8.2	Other	do.	50	22.7
Kapok seed	do.	35-40	15.9-18.1	Western	Box <sup>27</sup>	46	20.9
Lard	Tierce	375	170	Peas:			
Lemons:				Green, unshelled	Bushel	28-30	12.7-13.6
California and Arizona	{ Box <sup>24</sup> ..... Carton <sup>20</sup> .....	<sup>19</sup> 76 38	34.5 17.2	Dry	do.	60	27.2
Lentils	Bushel	60	27.2	Peppers, green	{ Fiberboard carton	30-34	13.6-15.4
Lettuce	Fiberboard box, carton	38-55	17.2-24.9	Perilla seed	Bushel	37-40	16.8-18.1
Lettuce, hot-house	24-qt. basket	10	4.5	Pineapples	Crate <sup>28</sup>	70	31.8
Limes (Florida)	Box	80	36.3	Plums and prunes:			
Linseed oil	Gallon	<sup>10</sup> 7.7	3.5	California	4-basket crate <sup>29</sup>	28-34	12.7-15.4
Malt	Bushel	34	15.4	Other	½-bu. basket	28	12.7
Maple sirup	Gallon	11.02	5.00	Popcorn:			
Meadow fescue seed	Bushel	24	10.9	On ear	Bushel	<sup>13</sup> 70	31.8
Milk	Gallon	8.6	3.90	Shelled	do.	56	25.4
Millet	Bushel	48-60	21.8-22.7	Poppy seed	do.	46	20.9
Molasses, edible	Gallon	11.74	5.3	Potatoes	{ Bushel..... Barrel..... Bag..... do.....	60 165 50 100	27.2 74.8 22.7 45.4
Molasses, inedible	do.	11.74	5.3	Quinces	Bushel	48	21.8
Mustard seed	Bushel	58-60	26.3-27.2	Rapeseed	do.	50 and 60	22.7-27.2
Oats	do.	32	14.5	Raspberries	24-qt. crate	36	16.3
Olives	Lug <sup>21</sup>	25-30	11.3-13.6	Redtop seed	Bushel	50 and 60	22.7-27.2
Olive oil	Gallon	<sup>10</sup> 7.6	3.5	Refiners' sirup	Gallon	11.45	5.2
Onions, dry	Sack	50	22.7	Rice:			
Onions, green bunched	Crate	60-65	27.2-29.5	Rough	{ Bushel..... Bag..... Barrel.....	45 100 162	20.4 45.4 73.5
Onion sets	Bushel	28-32	12.7-14.5	Milled	Pocket or bag	100	45.4
Oranges:				Rosin	Drum, net	520	236
Florida and Texas	{ ½-box mesh bag..... Box <sup>25</sup> .....	45 90	20.4 40.8	Rutabagas	Bushel	56	25.4
California and Arizona	{ Box <sup>18</sup> ..... Carton <sup>20</sup> .....	<sup>19</sup> 75 37½	34.0 17.0	Rye	do.	56	25.4
Orchardgrass seed	Bushel	14	6.4	Sesame seed	do.	46	20.9
Palm oil	Gallon	<sup>10</sup> 7.7	3.5	Shallots	Crate (4-7 doz. bunches)	20-35	9.1-15.9
Parsnips	Bushel	50	22.7	Sorgo:			
do.	do.	48	21.8	Seed	Bushel	50	22.7
Peaches	Lug box <sup>21</sup>	20	9.1	Sirup	Gallon	11.55	5.2
California	do.	20	9.1	Sorghum grain <sup>30</sup>	Bushel	56	25.4
fruit box	do.	<sup>26</sup> 18	8.2	Soybeans	do.	60	27.2
Peanut oil	Gallon	<sup>10</sup> 7.7	3.5	Soybean oil	Gallon	<sup>10</sup> 7.7	3.5
Peanuts, unshelled:				Spelt	Bushel	40	18.1
Virginia type	Bushel	17	7.7	Spinach	do.	18-20	8.2-9.1
Runners	do.	21	9.5	Strawberries	24-qt. crate	36	16.3
Southeastern	do.	21	9.5	Sudangrass seed	12-pt. crate	9-11	4.1-5.0
Spanish:				Sugarcane:	Bushel	40	18.1
Southeastern	do.	25	11.3	sirup (unsulfured or unsulfured)	Gallon	11.45	5.2
Southwestern	do.	25	11.3	Sunflower seed	Bushel	24 and 32	10.9-14.5
				Sweetpotatoes	do.	<sup>31</sup> 55	24.9
					Crate	50	22.7
				Tangerines, Florida	½-bu. box	47½	21.5

WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight		Commodity	Unit <sup>1</sup>	Approximate net weight	
		U.S.	Metric			U.S.	Metric
Timothy seed.....	Bushel.....	45	20.4	Tung oil.....	Gallon.....	<sup>10</sup> 7.8	3.5
Tobacco:				Turnips:			
Maryland.....	Hogshead.....	775	352	Without tops.....	Mesh sack.....	50	22.7
Flue-cured.....	do.....	950	431	Bunched.....	Crate <sup>a</sup> .....	70-80	31.8-36.3
Burley.....	do.....	975	442	Turpentine.....	Gallon.....	7.23	3.3
Dark air-cured.....	do.....	1,150	522	Velvetbeans	Bushel.....	60	27.2
Virginia fire-cured.....	do.....	1,350	612	(hulled).....			
Kentucky and Tennessee fired-cured.....	do.....	1,500	680	Vetch.....	do.....	60	27.2
				Walnuts.....	do.....	50	22.7
				Water 60° F.....	Gallon.....	8.33	3.8
				Watermelons.....	Melons of average or medium size.....	25	11.3
Cigar-leaf.....	{ Case.....	250-365	113-166	Wheat.....	Bushel.....	60	27.2
	{ Bale.....	150-175	68.0-79.4		{ Short ton.....	2,000	907
	{ Crate.....	60	27.2	Various commodities.....	{ Long ton.....	2,240	1,016
Tomatoes.....	{ Lug box <sup>21</sup> .....	32	14.5		{ Metric ton.....	2,204.6	1,000
Tomatoes, hothouse.....	{ 2-layer flat.....	21	9.5				
	{ 12-qt. basket.....	20	9.1				

See footnotes on page IX.

To Convert From Avoirdupois Pounds

To	Multiply by
Kilograms.....	0.45359237
Metric tons.....	0.00045359237

Conversion Factors

- 1 Metric ton = 2,204.622 pounds
- 1 Kilogram = 2.2046 pounds
- 1 Acre = 0.4047 hectares
- 1 Hectare = 2.47 acres
- 1 Square mile = 640 acres = 259 hectare
- 1 Gallon = 3.7853 liters

## 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 flour.....	100 pounds.....	4.59 bushels barley
Beans, lima.....	1 pound shelled.....	2 pounds unshelled
Beans, snap or wax.....	1 case canned <sup>33</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, tart.....	1 case canned <sup>32</sup> .....	0.023 ton fresh
Chickens.....	1 pound live weight.....	0.72 pound ready-to-cook weight
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn
Corn, sweet.....	1 case canned <sup>33</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.....	3.26 pounds seed cotton, including trash <sup>34</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>35</sup> .....	1 gallon.....	15 pounds milk
Ice cream <sup>35</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>33</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.....	3½ 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:		
Balck.....	do.....	5.88 pounds unshelled
Persian (English).....	do.....	2.67 pounds unshelled
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943
Oranges, Florida.....	1 case canned juice <sup>33</sup> .....	0.53 box fresh
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date
Peaches, California, clingstone.....	do.....	7½ pounds fresh
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>33</sup> .....	1.1 bushels fresh
Do.....	do.....	0.026 ton fresh

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green.....	1 pound shelled.....	2½ pounds unshelled
Do.....	1 case canned <sup>33</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 flour.....	do.....	2.23 bushels rye, beginning 1947
Sheep and lambs.....	1 pound live weight.....	0.482 pound dressed weight (1954-63 average)
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>33</sup> .....	0.018 ton fresh
Turkeys.....	1 pound live weight.....	0.80 pound ready-to-cook weight
Wheat flour.....	100 pounds.....	2.30 bushels wheat <sup>34</sup>
Wool, domestic apparel shorn.....	1 pound greasy.....	0.48 pounds 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, 4½ by 12½ by 16½ inches.

<sup>4</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>5</sup> Approximate dimensions, 4½ by 13½ by 16½ inches.

<sup>6</sup> Approximate inside dimensions, 13 by 12 by 32 inches.

<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 21½ 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, 9½ by 16 by 20 inches.

<sup>12</sup> Approximate inside dimensions, 4½ 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 required 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, 9½ by 10½ by 15 inches.

<sup>17</sup> Approximate inside dimensions, 1½ by 11 by 16½ 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 other ½-box carton as the container used.

<sup>20</sup> Approximate inside dimensions, 10½ by 10½ by 16½ inches for oranges or lemons, and 9½ by 10½ by 16½ inches for grapefruit.

<sup>21</sup> Approximate inside dimensions, 5½ by 13½ by 16½ inches.

<sup>22</sup> Approximate inside dimensions, 4½ by 16 by 16½ inches.

<sup>23</sup> Approximate inside dimensions, 7½ by 16 by 21½ inches.

<sup>24</sup> Approximate inside dimensions, 9½ 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 4½ by 11½ by 16½ inches.

<sup>27</sup> Approximate inside dimensions, 8½ 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 16½ inches to 6 by 16 by 16½ inches.

<sup>30</sup> Includes both sorghum grain (kafir, 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> Case of 24 No. 303 cans.

<sup>34</sup> Varies widely by method of harvesting.

<sup>35</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>36</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 bushel; 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 AND FEED

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of area, production, disposition, supply and disappearance, prices, value of production, stocks, foreign production and trade, price-support operations, animal units fed, and feed consumed by livestock and poultry.

**Table 1.—Total grain: Supply and disappearance, United States, 1965-81**

Year <sup>1</sup>	Supply				Disappearance			Ending stocks
	Beginning stocks	Production	Imports	Total	Domestic use	Exports	Total disappearance	
	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons	Million metric tons
1965.....	76.9	183.4	0.4	260.7	150.4	51.7	202.1	58.6
1966.....	58.6	184.2	.4	243.1	148.9	44.4	193.3	49.9
1967.....	49.9	207.9	.3	258.1	150.3	44.7	195.1	63.0
1968.....	63.0	202.4	.3	265.7	159.2	34.1	193.3	72.4
1969.....	72.4	205.2	.5	278.1	166.3	38.2	204.5	73.6
1970.....	73.6	186.7	.5	260.8	164.0	41.4	205.4	55.4
1971.....	55.4	237.5	.3	293.2	175.5	43.8	219.3	73.9
1972.....	73.9	228.1	.4	302.4	181.4	72.6	254.0	48.2
1973.....	48.2	237.6	.3	286.1	178.1	76.4	254.5	31.6
1974.....	31.6	204.4	.6	236.6	142.3	66.7	208.8	27.6
1975.....	27.6	249.1	.5	277.2	155.6	84.5	240.1	37.1
1976.....	37.1	258.1	.4	295.6	153.9	79.4	233.3	62.1
1977.....	62.1	265.8	.4	328.3	163.2	90.2	253.4	74.8
1978.....	74.8	276.5	.3	351.6	182.4	96.1	278.5	72.9
1979.....	72.9	302.9	.4	376.2	184.9	112.5	297.4	78.5
1980.....	78.5	269.6	.3	348.4	170.9	114.7	285.6	62.4
1981 <sup>2</sup> .....	62.4	333.3	.4	396.1	180.5	117.3	297.8	98.1

<sup>1</sup>Year beginning Oct. 1 for corn and sorghum; June 1 for oats, barley, wheat, and rye; and Aug. 1 for rice.  
<sup>2</sup>Preliminary.

Totals may not add due to independent rounding.  
 Economic Research Service.

**Table 2.—Wheat: Area, yield, production, disposition, and value, United States, 1965-81**

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Plant-ed <sup>1</sup>	Harvest-ed			For seed	Fed to live-stock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965.....	57,361	49,560	26.5	1,315,603	39,452	41,823	1,234,328	1.35	1,774,535
1966.....	54,105	49,613	26.3	1,304,889	46,259	25,929	1,232,701	1.63	2,129,868
1967.....	67,264	58,353	25.8	1,507,598	46,005	42,418	1,419,175	1.39	2,090,107
1968.....	61,860	54,765	28.4	1,556,635	39,456	59,396	1,457,783	1.24	1,929,131
1969.....	58,450	47,146	30.6	1,442,679	33,347	58,529	1,350,803	1.25	1,795,738
1970.....	48,739	43,564	31.0	1,351,558	35,440	59,860	1,256,258	1.33	1,803,241
1971.....	53,822	47,635	33.9	1,618,636	37,300	71,768	1,509,568	1.34	2,167,797
1972.....	54,913	47,303	32.7	1,546,209	37,953	47,011	1,461,245	1.76	2,706,121
1973.....	59,254	54,148	31.6	1,710,787	48,449	28,060	1,634,278	3.95	6,744,631
1974.....	71,044	65,368	27.3	1,781,918	<sup>3</sup> 87,534	94,844	1,694,384	4.09	7,287,261
1975.....	74,900	69,499	30.6	2,126,927	94,844		2,032,083	3.55	7,549,829
1976.....	80,395	70,927	30.3	2,148,780	104,755		2,044,025	2.73	5,867,836
1977.....	75,410	66,686	30.7	2,045,527	117,391		1,928,136	2.33	4,764,557
1978.....	65,989	56,495	31.4	1,775,524	83,151		1,692,373	2.97	5,280,634
1979.....	71,424	62,454	34.2	2,134,060	87,564		2,046,496	3.78	8,070,378
1980.....	80,637	70,984	33.4	2,374,306	(*)		(*)	3.91	9,277,608
1981 <sup>3</sup> .....	88,864	80,948	34.5	2,793,436	(*)		(*)	3.66	10,225,881

See footnotes on page 3.

Table 3.—Wheat, by kinds: Area, yield, production, and value, United States, 1965–81

Year	Area		Yield per harvested acre	Production	Season Average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested				
Winter wheat						
	<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>
1965	45,142	37,586	27.1	1,017,075		
1966	42,746	38,616	27.4	1,057,371		
1967	53,649	45,039	26.5	1,194,119		
1968	48,667	41,929	29.0	1,217,555		
1969	42,338	36,303	31.2	1,131,439		
1970	37,623	32,702	33.4	1,091,744		
1971	38,072	32,370	35.4	1,145,011	1.35	1,544,116
1972	42,183	34,859	34.0	1,186,498	1.71	2,022,251
1973	43,501	38,747	33.0	1,278,220	3.72	4,745,524
1974	52,023	46,778	29.4	1,375,526	3.90	5,370,469
1975	55,954	51,376	32.0	1,642,900	3.37	5,540,438
1976	57,822	49,578	31.5	1,564,118	2.73	4,264,242
1977	56,469	48,772	31.6	1,540,419	2.28	3,506,778
1978	47,549	38,491	31.8	1,222,446	3.01	3,677,175
1979	51,787	43,427	36.9	1,601,234	3.79	6,075,553
1980	57,620	51,494	36.8	1,895,383	3.83	7,260,782
1981 <sup>3</sup>	65,917	58,589	35.8	2,098,719	3.67	7,692,431
Durum wheat <sup>4</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>
1965	2,361	2,296	30.4	69,866		
1966	2,491	2,423	25.9	62,638		
1967	2,826	2,754	24.1	66,443		
1968	3,715	3,621	27.5	99,644		
1969	3,466	3,420	31.7	108,403		
1970	2,167	2,105	25.1	52,771		
1971	2,943	2,864	32.1	91,805	1.31	120,350
1972	2,592	2,550	28.6	72,912	1.93	141,040
1973	2,952	2,884	27.2	78,455	6.16	483,002
1974	4,174	4,099	19.8	81,245	5.96	484,041
1975	4,830	4,680	26.4	123,362	4.66	575,025
1976	4,748	4,584	29.4	134,914	2.96	398,856
1977	3,183	3,025	26.4	79,964	2.69	215,413
1978	4,110	4,024	33.1	133,328	2.93	390,608
1979	4,042	3,932	27.1	106,654	4.35	463,847
1980	5,525	4,840	22.4	108,395	5.07	549,261
1981 <sup>3</sup>	5,876	5,755	32.3	185,940	3.63	674,804
Other spring wheat <sup>5</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>
1965	9,858	9,678	23.6	228,662		
1966	8,868	8,574	21.6	184,880		
1967	10,789	10,560	23.4	247,036		
1968	9,478	9,215	26.0	239,436		
1969	7,646	7,423	27.3	202,837		
1970	8,949	8,757	23.6	207,043		
1971	12,807	12,451	30.7	381,820	1.32	503,331
1972	10,138	9,894	29.0	286,799	1.89	542,830
1973	12,801	12,517	28.3	354,112	4.28	1,516,105
1974	14,847	14,491	22.4	325,147	4.41	1,432,751
1975	14,116	13,443	26.8	360,665	3.98	1,434,366
1976	17,825	16,765	26.8	449,748	2.68	1,204,738
1977	15,758	14,889	28.6	425,144	2.45	1,042,366
1978	14,330	13,980	30.0	419,750	2.89	1,212,851
1979	15,595	15,095	28.2	426,172	3.59	1,530,978
1980	17,492	14,650	25.3	370,528	3.96	1,467,565
1981 <sup>3</sup>	17,071	16,604	30.6	508,777	3.65	1,858,646

<sup>1</sup> Seeded in preceding fall for winter wheat.<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup> Preliminary.<sup>4</sup> Includes California, Minnesota, Montana, North Dakota, and South Dakota. In addition 1976 and 1977 includes New Mexico; beginning 1976 includes Arizona.<sup>5</sup> Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4. Statistical Reporting Service.

Table 4.—Wheat: Stocks on and off farms, United States, 1965–81

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 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>
1965.....	558,314	405,387	255,593	130,774	1,145,702	930,676	661,743	404,899
1966.....	537,841	406,879	237,852	144,890	896,351	640,577	461,370	279,525
1967.....	601,483	505,227	361,015	229,548	954,667	704,490	477,090	309,000
1968.....	727,772	576,932	460,476	325,906	951,545	765,418	648,980	490,754
1969.....	752,200	609,443	456,499	307,093	1,120,224	923,375	740,747	577,780
1970.....	663,673	526,092	381,098	240,276	1,124,797	883,878	679,337	491,202
1971.....	826,860	694,549	525,743	355,050	1,046,932	853,100	684,961	508,203
1972.....	730,210	510,202	316,063	133,923	1,140,699	888,801	611,253	304,578
1973.....	608,466	364,382	181,704	89,455	843,084	563,952	366,441	158,201
1974.....	680,469	446,289	274,106	132,734	881,665	661,171	387,982	194,255
1975.....	756,805	548,600	343,212	235,861	1,129,044	888,028	594,151	429,768
1976.....	835,437	667,210	512,360	427,337	1,354,946	1,116,376	878,534	685,912
1977.....	1,039,227	834,577	642,106	494,018	1,365,322	1,162,459	887,832	683,790
1978.....	1,029,681	814,400	632,254	484,320	1,104,169	816,364	596,172	439,777
1979.....	1,030,071	773,920	569,600	376,501	1,240,745	942,247	655,518	525,498
1980.....	974,735	753,422	538,851	414,310	1,497,550	1,149,739	789,780	574,460
1981 <sup>3</sup> .....	1,204,903	954,791	748,035	.....	1,528,971	1,221,223	806,906	.....
Durum 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>
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.....	90,938	64,949	50,724	29,626	18,451	21,030	17,429	11,582
1969.....	108,418	92,460	81,498	63,140	23,187	20,285	16,441	17,584
1970.....	83,853	69,660	56,120	41,672	25,591	24,803	22,856	16,817
1971.....	105,737	94,340	75,345	48,086	27,070	24,928	24,959	21,165
1972.....	91,538	72,016	48,249	19,979	24,458	25,910	23,132	16,891
1973.....	67,903	49,251	34,390	18,058	21,460	18,433	16,516	9,938
1974.....	70,196	51,832	37,836	14,593	21,377	18,727	11,498	6,713
1975.....	87,406	65,412	53,033	38,906	27,657	20,528	18,065	14,550
1976.....	110,544	94,999	79,347	70,643	39,571	32,631	28,895	21,120
1977.....	103,462	81,891	61,635	49,626	36,338	28,524	29,754	17,265
1978.....	120,309	98,694	82,966	69,685	30,012	18,312	21,519	16,084
1979.....	122,621	87,384	64,486	48,699	30,870	19,776	21,267	12,342
1980.....	88,456	73,990	59,974	45,183	34,406	29,448	23,282	14,735
1981 <sup>3</sup> .....	147,534	121,384	105,718	.....	41,701	31,034	26,650	.....

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

<sup>2</sup> Stocks at mills, elevators, warehouses, 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.

## FOOTNOTES FOR TABLE 2

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

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

<sup>3</sup> Beginning 1974, not estimated separately.

<sup>4</sup> Estimates discontinued.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 5.—Wheat: Supply and disappearance, United States, 1965-81

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Beginning stocks	Production	Imports <sup>1</sup>	Total	Domestic use				Exports <sup>1</sup>	Total disappearance		
					Food	Seed	Feed <sup>2</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>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	
1965.....	921	1,315	1	2,237	518	61	146	725	852	1,577	660	
1966.....	660	1,305	2	1,967	505	77	101	683	771	1,454	513	
1967.....	513	1,508	1	2,021	518	71	37	626	765	1,391	630	
1968.....	630	1,557	1	2,188	522	61	157	740	544	1,284	904	
1969.....	904	1,443	3	2,350	520	56	188	764	603	1,367	983	
1970.....	983	1,352	1	2,336	517	62	193	772	741	1,513	823	
1971.....	823	1,618	1	2,442	524	63	262	849	610	1,459	983	
1972.....	983	1,546	1	2,530	532	67	200	799	1,135	1,934	547	
1973.....	<sup>3</sup> 597	1,711	3	2,311	544	84	126	754	1,217	1,971	390	
1974.....	340	1,782	3	2,125	545	92	35	672	1,018	1,690	435	
1975.....	435	2,127	2	2,564	589	99	38	726	1,173	1,898	666	
1976.....	666	2,149	2	2,817	588	92	74	754	950	1,704	1,113	
1977.....	1,113	2,046	2	3,161	586	80	193	859	1,124	1,983	1,178	
1978.....	1,178	1,776	1	2,955	592	87	158	837	1,194	2,031	924	
1979.....	924	2,134	2	3,060	596	101	86	783	1,375	2,158	902	
1980.....	902	2,374	2	3,278	614	114	51	779	1,510	2,289	989	
1981 <sup>4</sup> .....	989	2,793	2	3,784	620	112	135	867	1,800	2,667	1,117	

<sup>1</sup> Imports and exports include flour and other products expressed in wheat equivalent. <sup>2</sup> Residual, approximates feed use and includes negligible quantities used for distilled spirits. <sup>3</sup> Excludes an abnormally large volume of grain in transit. <sup>4</sup> Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

Table 6.—Wheat: Supply and disappearance, by classes, United States, 1977-80<sup>1</sup>

Item	Year beginning June				Item	Year beginning June			
	1977	1978	1979	1980 <sup>2</sup>		1977	1978	1979	1980 <sup>2</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>	<i>Million bushels</i>
All wheat:									
Stocks, June 1.....	1,113	1,178	924	902	Hard red spring:				
Production.....	2,046	1,776	2,134	2,374	Stocks, June 1.....	250	335	320	285
Supply <sup>3</sup> .....	3,161	2,955	3,060	3,278	Production.....	399	380	363	312
Exports <sup>4</sup> .....	1,124	1,194	1,375	1,510	Supply <sup>3</sup> .....	650	715	684	598
Domestic disappearance.....	859	837	783	779	Exports <sup>4</sup> .....	156	232	217	188
Stocks, May 31.....	1,178	924	902	989	Domestic disappearance.....	159	163	182	153
Hard red winter:					Stocks, May 31.....	335	320	285	257
Stocks, June 1.....	606	632	423	440	Durum:				
Production.....	997	830	1,089	1,181	Stocks, June 1.....	92	67	86	61
Supply.....	1,603	1,462	1,512	1,621	Production.....	80	133	106	108
Exports <sup>4</sup> .....	535	610	725	697	Supply <sup>3</sup> .....	173	201	193	170
Domestic disappearance.....	436	429	347	383	Exports <sup>4</sup> .....	62	72	83	59
Stocks, May 31.....	632	423	440	541	Domestic disappearance.....	44	43	49	51
Soft red winter:					Stocks, May 31.....	67	86	61	60
Stocks, June 1.....	72	71	27	40	White:				
Production.....	349	189	317	435	Stocks, June 1.....	93	73	68	76
Supply.....	421	260	344	475	Production.....	221	244	259	338
Exports <sup>4</sup> .....	197	95	154	299	Supply <sup>3</sup> .....	314	317	327	414
Domestic disappearance.....	153	138	150	138	Exports <sup>4</sup> .....	174	185	196	267
Stocks, May 31.....	71	27	40	38	Domestic disappearance.....	67	64	55	54
					Stocks, May 31.....	73	68	76	93

<sup>1</sup> Data except production are approximations. <sup>2</sup> Preliminary. <sup>3</sup> Total supply includes imports. <sup>4</sup> Imports and exports include flour and products in wheat equivalent.

Economic Research Service.

Table 7.—Wheat: Area, yield, and production, by States, 1979–81

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	220	325	650	145	260	565	26.0	25.5	44.0	3,770	6,630	24,860
Ariz.....	135	225	261	125	215	258	76.3	80.0	84.7	9,540	17,200	21,844
Ark.....	530	950	1,750	420	865	1,650	35.0	38.0	41.0	14,700	32,870	67,650
Calif.....	840	1,235	1,450	800	1,150	1,365	70.6	74.3	78.5	56,450	85,500	107,085
Colo.....	3,245	3,554	3,504	2,641	3,400	3,101	26.6	32.4	28.2	70,224	110,300	87,394
Del.....	22	33	45	21	27	43	34.0	40.0	40.0	714	1,080	1,720
Ga.....	210	660	1,150	175	600	1,070	35.0	33.0	43.0	6,125	19,800	46,010
Idaho.....	1,615	1,635	1,590	1,470	1,550	1,510	50.4	62.0	59.5	74,140	96,030	89,780
Ill.....	1,310	1,600	1,900	1,250	1,570	1,850	43.0	48.0	50.0	53,750	75,360	92,500
Ind.....	1,000	1,150	1,400	945	1,100	1,350	47.0	49.0	46.0	44,415	53,900	62,100
Iowa.....	70	100	120	60	92	115	37.0	38.0	39.0	2,220	3,496	4,485
Kans.....	12,100	13,000	14,000	10,800	12,000	12,200	38.0	35.0	25.0	410,400	420,000	305,000
Ky.....	380	450	810	290	350	680	38.0	39.5	42.0	11,020	13,825	28,560
La.....	38	100	310	26	67	275	28.0	28.0	42.0	728	1,876	11,550
Md.....	97	100	140	90	97	137	37.0	38.0	41.0	3,330	3,686	5,617
Mich.....	750	820	840	735	800	830	43.0	44.0	50.0	31,605	35,200	41,500
Minn.....	2,640	3,615	3,670	2,578	3,169	3,610	35.1	32.4	39.9	90,384	102,556	144,025
Miss.....	160	375	650	115	300	600	32.0	31.0	40.0	3,680	9,300	24,000
Mo.....	1,780	2,200	3,200	1,600	2,070	2,750	44.0	43.0	42.0	70,400	89,010	115,500
Mont.....	5,985	5,970	6,040	5,125	5,100	5,820	22.7	23.5	29.7	116,475	119,800	172,830
Nebr.....	3,000	3,000	3,100	2,550	2,850	2,950	34.0	38.0	36.0	86,700	108,300	106,200
Nev.....	26	32	34	24	29	31	59.2	62.1	59.7	1,420	1,800	1,850
N.J.....	51	52	64	41	43	56	36.0	43.0	42.0	1,476	1,849	2,352
N. Mex.....	576	650	700	410	500	500	22.0	21.0	18.0	9,020	10,500	9,000
N.Y.....	170	160	170	160	150	160	41.0	40.0	44.0	6,560	6,000	7,040
N.C.....	235	325	440	210	300	410	36.0	35.0	39.0	7,560	10,500	15,990
N. Dak.....	9,900	11,735	11,945	9,600	9,620	11,690	26.3	18.7	28.4	252,235	179,650	331,700
Ohio.....	1,350	1,400	1,690	1,320	1,370	1,650	48.0	49.0	44.0	63,360	67,130	72,600
Okla.....	7,000	7,500	7,900	5,700	6,500	6,400	38.0	30.0	27.0	216,600	195,000	172,800
Oreg.....	1,450	1,410	1,350	1,245	1,350	1,310	46.0	57.3	59.1	57,310	77,400	77,380
Pa.....	245	260	280	235	250	270	31.0	37.0	36.0	7,285	9,250	9,720
S.C.....	110	205	430	100	192	410	33.0	36.0	35.0	3,300	6,912	14,350
S. Dak.....	3,455	4,050	4,110	2,805	3,245	3,820	21.4	19.2	23.3	60,060	62,425	88,970
Tenn.....	340	550	1,025	250	450	850	34.0	38.0	44.0	8,500	17,100	37,400
Tex.....	5,800	6,800	7,800	4,600	5,200	6,550	30.0	25.0	28.0	138,000	130,000	183,400
Utah.....	314	292	282	282	272	257	26.4	32.9	34.5	7,448	8,942	8,856
Va.....	215	317	420	180	286	390	35.0	37.0	44.0	6,300	10,582	17,160
Wash.....	3,650	3,320	3,180	2,980	3,160	3,050	39.6	50.7	55.2	118,000	160,220	168,350
W. Va.....	12	11	12	10	9	10	34.0	38.0	36.0	340	342	360
Wis.....	57	119	130	54	111	121	40.0	39.3	45.6	2,162	4,365	5,518
Wyo.....	341	352	322	287	315	284	22.1	27.4	29.7	6,354	8,620	8,430
U.S.....	71,424	80,637	88,864	62,454	70,984	80,948	34.2	33.4	34.5	2,134,060	2,374,306	2,793,436

<sup>1</sup>Includes area seeded in preceding fall for winter wheat.<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1979-81

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
Winter wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	220	325	650	145	260	565	26.0	25.5	44.0	3,770	6,630	24,860
Ariz.....	60	65	45	55	60	43	78.0	80.0	83.0	4,290	4,800	3,569
Ark.....	530	950	1,750	420	865	1,650	35.0	38.0	41.0	14,700	32,870	67,650
Calif.....	793	1,130	1,280	755	1,050	1,200	70.0	74.0	77.0	52,850	77,700	92,400
Colo.....	3,200	3,500	3,450	2,600	3,350	3,050	26.0	32.0	27.5	67,600	107,200	83,875
Del.....	22	33	45	21	27	43	34.0	40.0	40.0	714	1,080	1,720
Ga.....	210	660	1,150	175	600	1,070	35.0	33.0	43.0	6,125	19,800	46,010
Idaho.....	980	980	1,020	850	910	960	42.0	57.0	58.0	35,700	51,870	55,680
Ill.....	1,310	1,600	1,900	1,250	1,570	1,850	43.0	48.0	50.0	53,750	75,360	92,500
Ind.....	1,000	1,150	1,400	945	1,100	1,350	47.0	49.0	46.0	44,415	53,900	62,100
Iowa.....	70	100	120	60	92	115	37.0	38.0	39.0	2,220	3,496	4,485
Kans.....	12,100	13,000	14,000	10,800	12,000	12,200	38.0	35.0	25.0	410,400	420,000	305,000
Ky.....	380	450	810	290	350	680	38.0	39.5	42.0	11,020	13,825	23,560
La.....	38	100	310	26	67	275	28.0	28.0	42.0	728	1,876	11,550
Md.....	97	100	140	90	97	137	37.0	38.0	41.0	3,330	3,686	5,617
Mich.....	750	820	840	735	800	830	43.0	44.0	50.0	31,605	35,200	41,500
Minn.....	60	75	130	51	69	125	35.0	34.0	37.0	1,785	2,346	4,625
Miss.....	160	375	650	115	300	600	32.0	31.0	40.0	3,680	9,300	24,000
Mo.....	1,780	2,200	3,200	1,600	2,070	2,750	44.0	43.0	42.0	70,400	89,010	115,500
Mont.....	3,000	2,600	2,700	2,250	2,150	2,550	25.5	25.5	35.0	57,375	54,825	89,250
Nebr.....	3,000	3,000	3,100	2,550	2,850	2,950	34.0	38.0	36.0	86,700	108,300	106,200
Nev.....	12	13	16	11	12	15	70.0	65.0	70.0	770	780	1,050
N.J.....	51	52	64	41	43	56	36.0	43.0	42.0	1,476	1,849	2,352
N. Mex.....	576	650	700	410	500	500	22.0	21.0	18.0	9,020	10,500	9,000
N.Y.....	170	160	170	160	150	160	41.0	40.0	44.0	6,560	6,000	7,040
N.C.....	235	325	440	210	300	410	36.0	35.0	39.0	7,560	10,500	15,990
N. Dak.....	170	135	145	120	70	130	22.0	15.0	27.0	2,640	1,050	3,510
Ohio.....	1,350	1,400	1,690	1,320	1,370	1,650	48.0	49.0	44.0	63,360	67,130	72,600
Okla.....	7,000	7,500	7,900	5,700	6,500	6,400	38.0	30.0	27.0	216,600	195,000	172,800
Oreg.....	1,180	1,250	1,230	1,000	1,200	1,200	48.0	60.0	61.0	48,000	72,000	73,200
Pa.....	245	260	280	235	250	270	31.0	37.0	36.0	7,285	9,250	9,720
S.C.....	110	205	430	100	192	410	33.0	36.0	35.0	3,300	6,912	14,350
S. Dak.....	1,080	1,200	1,300	550	950	1,170	19.0	22.0	26.0	10,450	20,900	30,420
Tenn.....	340	550	1,025	250	450	850	34.0	38.0	44.0	8,500	17,100	37,400
Tex.....	5,800	6,800	7,800	4,600	5,200	6,550	30.0	25.0	28.0	138,000	130,000	183,400
Utah.....	271	260	250	242	242	227	24.0	31.0	33.0	5,808	7,502	7,506
Va.....	215	317	420	180	286	390	35.0	37.0	44.0	6,300	10,582	17,160
Wash.....	2,850	2,900	2,950	2,200	2,750	2,830	43.0	52.0	57.0	94,600	143,000	161,310
W. Va.....	12	11	12	10	9	10	34.0	38.0	36.0	340	342	360
Wis.....	40	94	100	38	88	93	43.0	41.5	50.0	1,634	3,652	4,650
Wyo.....	320	325	305	267	295	275	22.0	28.0	30.0	5,874	8,260	8,250
U.S.....	51,787	57,620	65,917	43,427	51,494	58,589	36.9	36.8	35.8	1,601,234	1,895,383	2,098,719
Durum wheat <sup>3</sup>												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz.....	75	160	216	70	155	215	75.0	80.0	85.0	5,250	12,400	18,275
Calif.....	47	105	170	45	100	165	80.0	78.0	89.0	3,600	7,800	14,685
Minn.....	80	140	140	77	120	135	37.0	28.0	40.0	2,849	3,360	5,400
Mont.....	335	470	490	325	400	480	21.0	19.0	23.0	6,825	7,600	11,040
N. Dak.....	3,330	4,400	4,600	3,250	3,850	4,510	26.0	19.0	29.0	84,500	73,150	130,790
S. Dak.....	175	250	260	165	215	250	22.0	19.0	23.0	3,630	4,085	5,750
U.S.....	4,042	5,525	5,876	3,932	4,840	5,755	27.1	22.4	32.3	106,654	108,395	185,940

See footnotes at end of table.

Table 8.—Wheat, by kinds: Area, yield, and production, by States, 1979-81—Continued

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
Other spring wheat												
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Colo.....	45	54	54	41	50	51	64.0	62.0	69.0	2,624	3,100	3,519
Idaho.....	635	655	570	620	640	550	62.0	69.0	62.0	38,440	44,160	34,100
Minn.....	2,500	3,400	3,400	2,450	2,980	3,350	35.0	32.5	40.0	85,750	96,850	134,000
Mont.....	2,650	2,900	2,850	2,550	2,550	2,790	20.5	22.5	26.0	52,275	57,375	72,540
Nev.....	14	19	18	13	17	16	50.0	60.0	50.0	650	1,020	800
N. Dak.....	6,400	7,200	7,200	6,230	5,700	7,050	26.5	18.5	28.0	165,095	105,450	197,400
Oreg.....	270	160	120	245	150	110	38.0	36.0	38.0	9,310	5,400	4,180
S. Dak.....	2,200	2,600	2,550	2,090	2,080	2,400	22.0	18.0	22.0	45,980	37,440	52,800
Utah.....	43	32	32	40	30	30	41.0	48.0	45.0	1,640	1,440	1,350
Wash.....	800	420	230	780	410	220	30.0	42.0	32.0	23,400	17,220	7,040
Wis.....	17	25	30	16	23	28	33.0	31.0	31.0	528	713	868
Wyo.....	21	27	17	20	20	9	24.0	18.0	20.0	480	360	180
U.S.....	15,595	17,492	17,071	15,095	14,650	16,604	28.2	25.3	30.6	426,172	370,528	508,777

<sup>1</sup> Area 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."

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Table 9.—Wheat: Price-support operations, United States, 1965-82

Year beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>		Acquired by CCC under support program <sup>5</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1965.....	1.72	67	173	13.1	11	262
1966.....	1.90	74	133	10.2	12	124
1967.....	1.85	71	282	18.7	83	102
1968.....	1.83	69	453	28.7	178	<sup>6</sup> 157
1969.....	1.94	70	408	27.9	97	<sup>6</sup> 290
1970.....	2.00	71	254	18.5	11	<sup>6</sup> 364
1971.....	1.79	61	438	27.1	13	<sup>6</sup> 358
1972.....	1.72	57	143	9.3		<sup>6</sup> 6
1973.....	1.46	43	60	3.5		<sup>6</sup> 6
1974.....	2.05	53	36	2.0		
1975.....	2.05	45	48	2.2		
1976.....	2.29	47	499	23.3	48	<sup>6</sup> 58
1977.....	2.90/2.47	57/49	591	29.0	2	<sup>6</sup> 48
1978.....	3.40	65	256	14.2		50
1979.....	3.40	65	182	8.5	<sup>9</sup> 157	<sup>10</sup> 200
1980.....	*3.63-3.08	56/47	331	14.0		<sup>10</sup> 196
1981.....	3.81	53.6	<sup>7</sup> 460	<sup>7</sup> 16.5		<sup>7</sup> 185
1982.....	4.05					

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup> A loan level of \$1.25 from 1965 to 1973, plus the average marketing certificate payment per bushel was paid to program participants. Loan level protection for 1974 and 1975 is \$1.37 and, for 1976 and 1977, \$2.25, on entire production. For 1974 to 1976, the target level is a price guarantee on allotment production at levels indicated under support price. For 1977, target level of \$2.90 was set up under the Food and Agricultural Act of 1977; \$2.47 is the target level for unplanted allotment acreage. For 1978-1979, crop loan rate \$2.35; target price \$3.40. For 1980, loans \$3.00 with reserve loan at \$3.30. For 1981, loan rate \$3.20 with reserve loan at \$3.50. For 1982, loan is \$3.55 with reserve loan at \$4.00.<sup>3</sup> Percentage of parity price as of the beginning of the marketing year.<sup>4</sup> Represents loans made, purchases, and agreements entered into.<sup>5</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) only from crop harvested in the year indicated.<sup>6</sup> Uncommitted CCC inventory.<sup>7</sup> Preliminary.<sup>8</sup> Producers who exceed their NCA will be eligible for the lower target price.<sup>9</sup> Acquired through direct purchases by CCC for future Food Security Reserves.<sup>10</sup> Total CCC inventory including 147 million bushels in Food Security Reserves.

Agricultural Stabilization and Conservation Service.

Table 10.—Wheat: Production, disposition, and value, by States, crop of 1981 (preliminary)

State	Production	Used on farms where produced <sup>1</sup>	Sold <sup>1</sup>	Season average price per bushel <sup>1</sup>	Value of—	
					Production	Sales <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	24,860			3.35	83,281	
Ariz.....	21,844			4.28	93,415	
Ark.....	67,650			3.45	233,393	
Calif.....	107,085			4.10	439,568	
Colo.....	87,394			3.54	309,545	
Del.....	1,720			3.25	5,590	
Ga.....	46,010			3.30	151,833	
Idaho.....	89,780			3.67	329,855	
Ill.....	92,500			3.45	319,125	
Ind.....	62,100			3.55	220,455	
Iowa.....	4,485			3.60	16,146	
Kans.....	305,000			3.80	1,159,000	
Ky.....	28,560			3.45	98,532	
La.....	11,550			3.70	42,735	
Md.....	5,617			3.25	18,255	
Mich.....	41,500			3.55	147,325	
Minn.....	144,025			3.74	538,821	
Miss.....	24,000			3.25	78,000	
Mo.....	115,500			3.35	386,925	
Mont.....	172,830			3.67	634,740	
Nebr.....	106,200			3.70	392,940	
Nev.....	1,850			3.45	6,383	
N.J.....	2,352			3.25	7,644	
N. Mex.....	9,000			3.70	33,300	
N.Y.....	7,040			3.15	22,176	
N.C.....	15,990			3.25	51,968	
N. Dak.....	331,700			3.54	1,173,625	
Ohio.....	72,600			3.65	264,990	
Okla.....	172,800			3.85	665,280	
Oreg.....	77,380			3.85	297,913	
Pa.....	9,720			3.35	32,562	
S.C.....	14,350			3.25	46,638	
S. Dak.....	88,970			3.58	318,740	
Tenn.....	37,400			3.50	130,900	
Tex.....	183,400			3.65	669,410	
Utah.....	8,856			3.64	32,257	
Va.....	17,160			3.40	58,344	
Wash.....	168,350			3.95	664,983	
W. Va.....	360			3.65	1,314	
Wis.....	5,518			3.50	19,313	
Wyo.....	8,430			3.40	28,662	
U.S.....	2,793,436			3.66	10,225,881	

<sup>1</sup> Estimates discontinued.  
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## WHEAT

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Table 11.—Wheat: Area, yield, and production in specified countries, 1979-81<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	10,489	11,098	12,230	1.64	1.73	2.00	17,185	19,158	24,519
Guatemala.....	59	50	55	.68	.84	.91	40	42	50
Mexico.....	620	740	850	3.68	3.58	3.59	2,280	2,650	3,050
United States.....	25,275	28,727	32,759	2.30	2.25	2.32	58,080	64,618	76,025
<b>Total.....</b>	<b>36,443</b>	<b>40,615</b>	<b>45,894</b>	<b>2.13</b>	<b>2.13</b>	<b>2.26</b>	<b>77,585</b>	<b>86,468</b>	<b>103,644</b>
<b>South America:</b>									
Argentina.....	4,787	5,023	5,550	1.69	1.55	1.41	8,100	7,780	7,800
Bolivia.....	80	77	80	.68	.65	.68	54	50	54
Brazil.....	3,832	3,062	2,180	.75	.87	.96	2,879	2,676	2,100
Chile.....	561	546	432	1.77	1.77	1.59	995	966	686
Colombia.....	31	38	40	1.35	1.24	1.55	42	47	62
Ecuador.....	22	25	23	.95	.96	.96	21	24	22
Paraguay.....	52	40	35	1.12	.88	1.14	58	35	40
Peru.....	95	90	100	1.00	.89	1.20	95	80	120
Uruguay.....	380	250	350	1.32	1.48	1.14	500	370	400
Venezuela.....	2	2	2	.50	.50	.50	1	1	1
<b>Total.....</b>	<b>9,842</b>	<b>9,153</b>	<b>8,792</b>	<b>1.29</b>	<b>1.31</b>	<b>1.28</b>	<b>12,745</b>	<b>12,029</b>	<b>11,285</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	199	194	179	5.10	4.67	5.27	1,015	906	943
Denmark.....	110	136	148	5.35	4.79	5.72	589	652	846
France.....	4,087	4,582	4,753	4.78	5.17	4.81	19,544	23,683	22,857
Germany, Fed. Rep. of.....	1,627	1,668	1,632	4.95	4.89	5.09	8,061	8,156	8,314
Greece.....	939	957	987	2.55	3.06	2.75	2,397	2,931	2,716
Ireland.....	49	47	42	5.00	5.15	5.24	245	242	220
Italy.....	3,452	3,405	3,260	2.60	2.69	2.71	8,980	9,150	8,827
Netherlands.....	141	142	132	5.93	6.21	6.68	836	882	882
United Kingdom.....	1,371	1,441	1,493	5.23	5.88	5.63	7,169	8,470	8,409
<b>Total EC.....</b>	<b>11,975</b>	<b>12,572</b>	<b>12,626</b>	<b>4.08</b>	<b>4.38</b>	<b>4.28</b>	<b>48,836</b>	<b>55,072</b>	<b>54,014</b>
Austria.....	270	269	270	3.15	4.46	3.70	850	1,201	1,000
Finland.....	99	124	108	2.10	2.88	2.18	208	357	235
Malta.....	1	1	1	3.00	3.00	3.00	3	3	3
Norway.....	17	16	15	3.94	4.06	4.07	67	65	61
Portugal.....	281	340	340	.88	1.26	.91	248	430	310
Spain.....	2,551	2,687	2,552	1.60	2.20	1.32	4,082	5,901	3,356
Sweden.....	243	288	220	4.24	4.14	4.77	1,030	1,193	1,049
Switzerland.....	81	85	84	4.91	4.38	4.63	398	372	389
<b>Total Western Europe.....</b>	<b>15,518</b>	<b>16,382</b>	<b>16,216</b>	<b>3.59</b>	<b>3.94</b>	<b>3.73</b>	<b>55,722</b>	<b>64,594</b>	<b>60,417</b>
Albania.....	170	170	170	2.06	2.35	2.35	350	400	400
Bulgaria.....	958	968	1,100	3.50	3.97	3.99	3,355	3,839	4,390
Czechoslovakia.....	1,111	1,230	1,200	3.36	4.39	4.08	3,736	5,401	4,900
German Dem. Rep.....	712	707	660	4.38	4.38	4.39	3,116	3,098	2,900
Hungary.....	1,135	1,276	1,152	3.26	4.74	3.99	3,703	6,048	4,600
Poland.....	1,549	1,609	1,500	2.70	2.59	2.82	4,187	4,175	4,229
Romania.....	2,100	2,238	2,200	2.22	2.87	2.50	4,666	6,417	5,500
Yugoslavia.....	1,524	1,516	1,384	2.96	3.36	3.09	4,512	5,091	4,270
<b>Total Eastern Europe.....</b>	<b>9,259</b>	<b>9,714</b>	<b>9,366</b>	<b>2.98</b>	<b>3.55</b>	<b>3.33</b>	<b>27,625</b>	<b>34,469</b>	<b>31,189</b>
<b>Total Europe.....</b>	<b>24,777</b>	<b>26,096</b>	<b>25,582</b>	<b>3.36</b>	<b>3.80</b>	<b>3.58</b>	<b>83,347</b>	<b>99,063</b>	<b>91,606</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>57,682</b>	<b>61,475</b>	<b>59,000</b>	<b>1.56</b>	<b>1.60</b>	<b>1.49</b>	<b>90,200</b>	<b>98,182</b>	<b>88,000</b>
<b>Africa:</b>									
Algeria.....	1,864	2,048	2,070	.54	.71	.68	1,003	1,450	1,400
Angola.....	16	16	15	.63	.63	.67	10	10	10
Egypt.....	584	557	588	3.18	3.22	3.30	1,856	1,796	1,938
Ethiopia.....	600	600	600	.65	.65	.67	390	390	400
Kenya.....	100	127	125	1.20	1.46	1.40	120	185	175
Lesotho.....	35	30	30	.97	.53	.67	34	16	20
Libya.....	120	120	120	1.00	.83	.83	120	100	100
Morocco.....	1,657	1,714	900	1.08	1.06	.99	1,797	1,811	892
Mozambique.....	5	5	5	.60	.60	.60	3	3	3
Nigeria.....	6	7	8	1.67	2.14	3.13	10	15	25
South Africa.....	1,901	1,623	1,787	1.10	.91	1.23	2,086	1,470	2,193
Sudan.....	248	240	250	.85	.83	.84	210	200	210

See footnotes at end of table.

Table 11.—Wheat: Area, yield, and production in specified countries, 1978-80<sup>1</sup>—  
Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Africa—Continued									
Tanzania.....	50	55	55	1.30	1.09	1.09	65	60	60
Tunisia.....	1,024	853	783	.66	1.02	1.23	680	869	963
Zambia.....	2	2	3	2.00	3.50	3.67	4	7	11
Zaire.....	5	5	5	.60	.80	.80	3	4	4
Zimbabwe.....	37	35	41	4.35	4.66	4.63	161	163	190
Total.....	8,254	8,037	7,385	1.04	1.06	1.16	8,552	8,549	8,594
Asia:									
Afghanistan.....	2,400	2,050	2,300	.92	1.07	.96	2,200	2,200	2,200
Bangladesh.....	265	486	830	1.86	2.26	1.08	494	1,100	900
Bhutan.....	64	65	65	1.00	1.00	1.00	64	65	65
Burma.....	70	70	70	.93	.93	1.00	65	65	70
China.....	29,400	28,900	27,600	2.13	1.87	2.08	62,730	54,155	57,500
Taiwan.....	1	1	1	3.00	3.00	3.00	3	3	3
Cyprus.....	45	45	50	.89	.89	.90	40	40	45
India.....	22,641	22,172	22,104	1.57	1.44	1.65	35,508	31,830	36,460
Iran.....	4,550	5,000	5,000	1.10	1.00	1.06	5,000	5,000	5,300
Iraq.....	1,700	1,800	1,950	.52	.72	.77	880	1,300	1,500
Israel.....	108	98	95	2.34	2.19	2.42	253	215	230
Japan.....	149	191	224	3.63	3.05	2.62	541	583	587
Jordan.....	94	190	87	.17	.79	.75	16	150	65
Korea, Dem. Peo. Rep. of..	150	150	150	2.33	2.33	2.33	350	350	350
Korea, Rep. of.....	13	28	20	3.23	3.29	2.85	42	92	57
Lebanon.....	35	35	35	1.14	1.00	.71	40	35	25
Nepal.....	360	280	300	1.11	1.07	1.17	400	300	350
Outer Mongolia.....	360	360	360	.97	.97	.97	350	350	350
Pakistan.....	6,687	6,912	6,921	1.49	1.56	1.66	9,950	10,757	11,500
Saudi Arabia.....	60	64	76	3.33	3.52	3.62	200	225	275
Syria.....	1,445	1,450	1,300	.91	1.24	1.38	1,319	1,800	1,800
Turkey.....	8,600	8,600	8,400	1.51	1.51	1.57	13,000	13,000	13,200
Yemen (Sana).....	56	56	60	.89	.89	.83	50	50	50
Yemen, PDR (Aden).....	15	15	15	.93	.80	1.00	14	12	15
Total.....	79,268	79,018	78,013	1.68	1.57	1.70	133,509	123,677	132,897
Oceania:									
Australia.....	11,153	11,292	11,896	1.45	.96	1.38	16,188	10,870	16,400
New Zealand.....	84	88	85	3.87	4.18	3.76	325	368	320
Total.....	11,237	11,380	11,981	1.47	.99	1.40	16,513	11,238	16,720
World total.....	227,503	235,774	236,647	1.86	1.86	1.91	422,451	439,206	452,746

<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 1979 is combined with estimates for the Southern Hemisphere Harvests, which begin late in 1979 and end early in 1980.

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

<sup>3</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 Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 12.—Wheat and flour: United States imports, 1965-80

Year beginning June	Wheat		Flour (wheat equivalent) <sup>2</sup>	Other products (wheat equivalent) <sup>2</sup>	Total wheat, flour, and other products <sup>(?)</sup>
	Suitable for milling <sup>1</sup>	Unfit for human consumption			
	1,000 bushels	1,000 bushels			
1965.....	4	552	87	277	920
1966.....	891	400	174	368	1,833
1967.....	( <sup>9</sup> )	460	27	438	925
1968.....	( <sup>9</sup> )	484	91	471	1,046
1969.....	794	1,417	55	567	2,833
1970.....	397	265	90	723	1,475
1971.....	101	82	89	781	1,053
1972.....	29	52	90	1,131	1,302
1973.....	1,262	70	178	1,113	2,623
1974.....	1,734	109	387	1,134	3,364
1975.....	631	344	92	1,307	2,374
1976.....	1,298	20	32	1,381	2,731
1977.....	424	2	20	1,475	1,921
1978.....	18	15	45	1,772	1,850
1979.....	155	50	62	1,869	2,136
1980.....	128	58	200	2,148	2,534

<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. As of Jan. 26, 1974, import quotas for wheat and milled wheat products were suspended. <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>Includes macaroni, semolina, and similar products. <sup>4</sup>Less than 500 bushels.

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Table 13.—Wheat and flour: United States exports under specified Government programs, 1965-80

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1965.....	385,495	80,970	32,599	25,216	5,078	177	529,535
1966.....	215,152	39,719	24,032	15,779	1,869	2,194	298,745
1967.....	225,308	117,729	26,654	12,547		746	382,984
1968.....	82,558	111,940	36,151	9,951		1,515	242,115
1969.....	69,447	154,697	33,668	11,430			269,242
1970.....	46,970	143,267	30,477	11,381		966	233,061
1971.....	22,686	153,382	37,858	13,006		754	227,686
1972.....		90,576	35,954	12,603		<sup>8</sup> -86	139,047
1973.....		26,355	10,891	8,502		11,074	56,822
1974.....		102,269	6,705	7,873			116,847
1975.....		105,861	2,734	7,046		8,348	123,989
( <sup>9</sup> ).....		(44,350)	(2,752)	(1,526)		(6,481)	(55,109)
1976.....		133,504	8,887	17,842		15,836	158,277
1977.....		119,225	6,313	11,487		12,520	149,545
1978.....		126,819	5,968	9,808		243	142,838
1979.....		107,283	8,724	7,064		2,147	125,218
1980.....		98,799	9,145	6,484		153	114,581

<sup>1</sup>Year beginning July 1 for 1965-75 and Oct. 1 beginning 1976. <sup>2</sup>Authorized by Title I, P.L. 480. <sup>3</sup>Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480 amended by P.L. 89-808. <sup>4</sup>Authorized by Title II, P.L. 480. <sup>5</sup>Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. <sup>6</sup>Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. <sup>7</sup>Authorized by Sec. 303, Title III, P.L. 480, and other legislation. <sup>8</sup>Foreign Assistance Act of 1961, as amended. <sup>9</sup>Negative quantity due to adjustments for prior periods. <sup>10</sup>Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 14—Wheat and flour: <sup>1</sup> International trade, 1979-81

Country	Year beginning July					
	1979		1980		1981 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Principal exporters:</b>						
Canada	13,459		15,000		17,000	
United States <sup>2</sup>	32,311	27	37,198	54	41,936	54
Argentina	3,300		4,750		3,910	
Australia	6,700		14,950		10,605	
Bulgaria	350	350	400	50	320	25
France	9,200	530	8,999	505	13,338	700
Romania	953	300	200	400	800	550
Spain	44	289	325	300	965	303
Sweden	476	22	306	39	433	68
Turkey	1,896		440		530	
Greece	803	2	597	2	887	2
Hungary	750		400	2	1,200	
Total <sup>4</sup>	70,242	1,520	83,565	1,352	91,924	1,702
<b>Principal importers:</b>						
Cuba		1,000		1,000		1,030
Brazil		3,700		4,036		3,893
Peru		724		825		813
Belgium and Luxembourg	1,174	1,698	1,170	1,213	1,050	1,600
Germany, Fed. Rep. of	1,073	1,361	1,856	1,336	1,500	1,500
Netherlands	1,134	1,618	950	1,600	750	1,400
United Kingdom	182	2,750	610	2,490	1,100	2,150
Yugoslavia	80	3	10	1,165	60	700
Egypt		4,800		5,200		5,600
South Africa	140		130	11	15	188
India	643	16	350	2	469	50
Indonesia		1,225		1,325		1,500
Israel		578		524		414
Japan	88	5,744	111	5,599	138	5,840
Korea, Rep. of		1,600		1,829		1,998
Malaysia	28	454	28	454	16	422
Pakistan		2,002		554		300
Philippines		717		834		834
Italy	1,116	2,527	1,679	3,395	1,620	3,300
Soviet Union	1,500	5,142	500	12,125	500	16,000
Algeria		1,700		1,800		1,800
Morocco		1,422		1,613		1,960
Syria		434		521		511
Tunisia		603		856		610
Poland		2,532		3,122		3,962
China		8,047		8,865		13,789
Taiwan		636		742		610
Portugal		813		820		742
Saudi Arabia		725		1,000		1,100
Sri Lanka		635		753		650
Venezuela		800		860		800
Vietnam		850		1,200		1,000
Germany, Dem. Rep. of	75	800	75	500		500
Total <sup>4</sup>	7,233	57,659	7,469	68,169	7,218	77,566

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Preliminary.<sup>3</sup> United States exports exclude exports of flour milled in bond from imported wheat.<sup>4</sup> Total for indicated countries 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 Counselors, 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, 1979 and 1980

Country of destination	Year <sup>2</sup>		Country of destination	Year <sup>2</sup>	
	1979	1980		1979	1980
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
<b>Wheat:</b>			<b>Wheat flour, wholly of U.S. wheat:</b>		
Canada .....	( <sup>3</sup> )	( <sup>3</sup> )	Central America.....	4,876	23,468
Central America.....	493,877	437,549	Jamaica.....	21,512	29,668
Caribbean .....	473,247	476,844	Trinidad and Tobago.....	543	261
Brazil .....	1,943,664	2,854,531	Other Caribbean.....	10,574	14,066
Chile .....	907,387	1,060,893	Bolivia .....	12,676	6,802
Colombia .....	637,194	423,597	Brazil .....	3,712	1,129
Ecuador.....	329,661	311,462	Chile .....	10,633	9,753
Peru .....	625,559	793,058	Colombia.....	3,199	870
Venezuela .....	710,755	843,163	Guyana.....	1,551	411
Other Americas.....	1,066,175	1,189,852	Other Americas.....	27,487	32,578
<b>Total Americas.....</b>	<b>7,187,519</b>	<b>8,390,999</b>	<b>Total Americas.....</b>	<b>96,763</b>	<b>119,006</b>
Belgium and Luxembourg....	113,866	192,892	Greece.....		75
France.....	226,709	128,291	Netherlands.....	2,185	1,867
Germany, Fed. Rep. of.....	104,353	44,719	Portugal.....		8,202
Italy.....	560,670	803,984	Other Europe.....	5,604	20,071
Netherlands.....	643,406	621,482	<b>Total Europe.....</b>	<b>7,789</b>	<b>30,215</b>
Norway.....	99,518	176,676	Sri Lanka.....	12,134	6,432
Portugal.....	597,089	623,518	Japan.....	6	295
Spain.....	291,554	45,608	Jordan.....	818	698
Switzerland.....	22,609	82,428	Korea, Rep. of.....	5	107
United Kingdom.....	297,401	23,089	Lebanon.....	601	608
Other Europe.....	5,121,969	4,490,889	Philippines.....	24,499	25,209
<b>Total Europe.....</b>	<b>8,079,144</b>	<b>7,233,576</b>	Saudi Arabia.....	235,129	198,476
India.....	24,363	592,908	Other Asia.....	59,145	37,951
Iran.....	49,999	835,902	<b>Total Asia.....</b>	<b>332,337</b>	<b>269,776</b>
Israel.....	482,378	408,263	Ghana.....		2
Japan.....	3,266,362	3,415,001	Morocco.....	35,496	61,106
Korea, Rep. of.....	1,755,657	2,059,867	Other Africa.....	720,095	800,478
Lebanon.....	156,075	239,633	<b>Total Africa.....</b>	<b>755,591</b>	<b>861,586</b>
Pakistan.....	205,101	182,436	Oceania.....	4,431	5,226
Philippines.....	793,151	831,818	<b>World total.....</b>	<b>1,196,911</b>	<b>1,285,809</b>
Syria.....		6,750	Relief or charity <sup>4</sup> .....	150,402	204,932
China.....	4,035,721	7,693,069			
Taiwan.....	649,572	604,878			
Turkey.....		181,601			
Other Asia.....	2,399,888	1,784,844			
Algeria.....	401,642	443,262			
Morocco.....	455,376	700,699			
South Africa.....	11,285	290,719			
Tunisia.....	288,691	156,685			
Other Africa.....	3,123,110	3,986,813			
Other countries.....	2,700,471	2,206,650			
<b>World total.....</b>	<b>36,065,505</b>	<b>42,246,373</b>			
Relief or charity <sup>4</sup> .....	85,273	81,763			

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Year beginning Oct. 1.<sup>3</sup> Transshipments through Canada have been included in data for countries of ultimate destination.<sup>4</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 and flour: Recorded exports of wheat and flour through the International Wheat Agreement, crop year 1979-80<sup>1</sup>

Member country imports	Member country exports							
	United States	Canada	European Community	Australia	Argentina	Sweden	Spain and Greece	Grand total
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Algeria.....	679,300	498,877	563,809			5,000	239,090	1,986,076
Australia.....			25					25
Austria.....			364					364
Barbados.....	4,199	6,782	4,529					15,510
Bolivia.....	153,717		1,500		66,979			222,196
Brazil.....	2,149,093	1,033,493	26,376		1,507,618			4,716,580
Canada.....	84,665		11					84,676
Costa Rica.....	90,221							90,221
Cuba.....		1,299,611						1,299,611
Dominican Republic.....	189,244	2,449			2,000			193,693
Ecuador.....	288,596							288,596
Egypt.....	1,808,216	36,995	1,618,677	1,688,868		3,126		5,155,882
El Salvador.....	98,378	80,500						178,878
European Community:								
Belgium.....	86,600	12,101						98,701
Denmark.....		740		71				811
France.....	280,400	3,739			10,430		160	294,729
Germany, Fed. Rep. of.....	87,400	2,070		143				89,613
Italy.....	652,600	605,426			32,485			1,290,511
Netherlands.....	936,462	64,470						1,000,932
United Kingdom.....	243,400	1,450,707		683				1,694,790
Unspecified <sup>2</sup> .....							2,634	2,634
Finland.....	276,100	14,220	45,439		4,800	35,000		375,559
Greece.....		431	6,827					7,258
Guatemala.....	100,569	126						100,695
India.....	221,698			4				221,702
Iran.....	223,200	106,434	51,869	717,851	88,141			1,187,495
Iraq.....	472,300	487,869	30,218	1,186,672				2,177,059
Israel.....	523,133		28,473					551,606
Japan.....	3,203,933	1,299,690		1,067,700				5,571,323
Kenya.....	63,420	91	5,914	19,500		7,019		95,944
Korea, Rep. of.....	1,790,900	6,029						1,796,929
Lebanon.....	149,566	106,552	57,694					313,812
Libya.....		14,000	286,135				120	300,255
Malta.....	16,400		7,839					24,239
Mauritius.....	984		48,959	19,584				69,527
Morocco.....	475,860	215,399	1,014,507				24	1,705,790
Nigeria.....	1,053,900		81,366		8,400			1,143,666
Norway.....	99,500	184,932	28,718	34		85,000		398,184
Pakistan.....	160,655	34,280	97,122	318,120				610,177
Panama.....	62,037		1					62,038
Peru.....	661,185	48,284	4,500		232,739			946,708
Portugal.....	692,260	57,011	101,407				1,055	851,733
Saudi Arabia.....	540,109	7,464	658,447	168,085			494	1,374,599
South Africa.....		44	2,096					2,140
Spain.....	239,500	1,848	173					241,521
Sweden.....		1,103	6,768	35				7,906
Switzerland.....	98,500	102,401	118,039		1,900			320,840
Syria.....	47,569	19,500	454,823				6,319	528,211
Trinidad and Tobago.....	83,200	15,862	3,097					102,159
Tunisia.....	537,396	49,140	207,795					794,331
Turkey.....	399							399
United Kingdom Territories.....	95,563	45,653	3,026	452				144,694
United States.....			77				15,518	15,595
Soviet Union.....	3,920,400	1,805,928	684,647	2,740,582	2,020,958			11,172,515
Vatican City.....			180					180
Venezuela.....	732,400	3,979						736,379
<b>Total.....</b>	<b>24,378,727</b>	<b>9,726,230</b>	<b>6,251,447</b>	<b>7,928,384</b>	<b>3,976,450</b>	<b>135,145</b>	<b>265,414</b>	<b>52,661,797</b>

<sup>1</sup>Data in this table are limited to exports and imports of wheat and flour during July 1, 1979 through June 30, 1980 by countries which are members of the International Wheat Agreement (IWA); they exclude approximately 30 million metric tons of wheat and flour exported to or imported from countries which are not members of the IWA. Flour reported in terms of grain equivalent.

<sup>2</sup>Country of destination within EC not reported to International Wheat Council.

<sup>3</sup>Only export involving Greece.

Foreign Agricultural Service. Data from International Wheat Council Report for crop year 1979/80.

Table 17.—Rye: Area, yield, production, disposition, and value, United States, 1965-81

Year	Area		Yield per harvested acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested			For seed	Fed to live-stock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965.....	4,237	1,473	22.6	83,307	1,562	3,347	28,398	.977	32,983
1966.....	3,980	1,276	21.8	27,791	1,458	3,119	23,214	1.06	29,977
1967.....	3,660	1,063	22.5	23,949	1,293	2,626	20,030	1.07	26,001
1968.....	3,425	996	23.1	22,971	1,391	2,354	19,226	1.02	23,666
1969.....	3,959	1,291	23.4	30,204	<sup>3</sup> 4,594		25,610	1.01	30,647
1970.....	4,196	1,427	25.8	36,840	5,696		31,144	.990	36,711
1971.....	4,842	1,751	28.1	49,223	6,497		42,726	.898	44,844
1972.....	3,458	1,050	26.9	28,256	4,216		24,040	.963	27,791
1973.....	3,380	955	25.8	24,677	4,672		20,005	1.91	46,532
1974.....	2,828	784	22.3	17,506	3,851		13,655	2.51	43,876
1975.....	2,791	728	21.9	15,924	3,641		12,283	2.36	37,406
1976.....	2,604	719	20.7	14,891	3,641		11,250	2.47	37,038
1977.....	2,555	677	24.4	16,543	3,758		12,785	2.06	34,539
1978.....	2,865	926	26.0	24,065	4,957		19,108	1.99	48,520
1979.....	2,921	869	25.8	22,389	4,521		17,868	2.06	47,020
1980.....	2,537	675	24.4	16,483	( <sup>4</sup> )		( <sup>4</sup> )	2.64	43,377
1981 <sup>5</sup> .....	2,594	697	26.7	18,621	( <sup>4</sup> )		( <sup>4</sup> )	2.90	54,617

<sup>1</sup>Area planted in preceding fall.

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

<sup>3</sup>Beginning 1969, not estimated separately.

<sup>4</sup>Estimates discontinued.

<sup>5</sup>Preliminary.

Statistical Reporting Service.

Table 18.—Rye: Stocks on and off farms, United States, 1965-81

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 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
1965.....	18,223	13,136	9,938	3,949	17,822	15,677	14,869	15,056
1966.....	15,536	9,552	7,532	3,580	22,188	18,821	16,756	15,097
1967.....	12,240	8,652	6,756	3,724	20,998	19,010	16,407	14,288
1968.....	13,250	8,770	5,841	1,990	18,314	15,425	14,097	13,967
1969.....	15,598	10,610	7,321	2,797	21,946	18,729	16,981	18,333
1970.....	20,313	14,437	10,219	2,328	27,829	26,367	24,142	25,548
1971.....	28,306	21,500	17,172	11,541	36,435	33,115	32,158	34,091
1972.....	20,701	15,471	12,641	6,607	40,632	38,058	35,781	26,484
1973.....	13,764	7,343	4,194	2,603	22,152	13,640	13,456	8,214
1974.....	10,935	6,082	3,861	2,717	8,881	5,509	4,080	2,941
1975.....	8,997	5,299	2,924	2,032	5,654	3,777	2,830	2,371
1976.....	7,908	4,727	2,836	1,949	6,120	4,151	3,367	2,465
1977.....	10,070	5,879	3,886	2,538	4,074	2,910	1,963	1,431
1978.....	15,666	9,990	7,769	6,026	6,877	5,178	3,895	2,947
1979.....	16,633	10,885	8,988	7,050	8,165	6,842	6,023	5,142
1980.....	11,654	5,878	3,516	2,234	6,856	3,468	3,352	1,911
1981 <sup>3</sup> .....	9,841	5,662	3,345		4,611	2,172	2,322	

<sup>1</sup>Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

<sup>2</sup>Stocks at mills, elevators, warehouses, 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.

Table 19.—Rye: Supply and disappearance, United States 1965-81

Year beginning June	Supply				Disappearance								Ending stocks May 31
	Beginning stocks	Production	Imports	Total	Domestic use					Exports	Total disappearance		
					Food	Seed	Industry	Feed <sup>1</sup>	Total				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1965.....	14,102	33,307	1,972	49,381	5,237	5,682	4,278	9,935	25,132	3,780	28,912	20,469	
1966.....	20,469	27,791	1,501	49,761	5,153	5,422	4,712	9,895	25,182	4,205	29,387	20,374	
1967.....	20,374	23,949	759	45,082	5,704	5,143	4,755	6,968	22,570	2,993	25,563	19,519	
1968.....	19,519	22,971	1,056	43,546	5,563	5,753	4,697	9,157	25,170	1,082	26,252	17,294	
1969.....	17,294	30,204	472	47,970	5,392	6,054	4,310	9,529	25,285	805	26,090	21,880	
1970.....	21,880	36,840	1,047	59,767	5,430	6,873	3,522	11,407	27,232	3,204	30,436	29,331	
1971.....	29,331	49,223	241	78,795	5,195	5,262	3,005	16,276	29,738	2,177	31,915	46,880	
1972.....	46,880	28,256	154	75,290	5,122	4,969	3,038	16,810	29,939	6,535	36,474	38,816	
1973.....	38,816	24,677	1	63,494	6,250	4,214	2,547	8,795	21,806	27,513	49,319	14,175	
1974.....	14,175	17,506	277	31,958	5,459	4,438	1,386	7,588	18,871	6,465	25,336	6,622	
1975.....	6,622	15,924	944	23,490	4,172	4,140	2,060	7,598	17,970	1,117	19,087	4,403	
1976.....	4,403	14,891	248	19,542	3,696	4,114	1,930	5,350	15,090	38	15,128	4,414	
1977.....	4,414	16,543	127	21,084	3,648	4,584	1,875	6,984	17,091	24	17,115	3,969	
1978.....	3,969	24,065	145	28,179	3,690	4,644	2,383	8,130	18,847	359	19,206	8,973	
1979.....	8,973	22,389	7	31,369	3,523	4,034	2,116	7,082	16,755	2,422	19,177	12,192	
1980.....	12,192	16,483	10	28,685	3,515	4,150	2,050	7,331	17,046	7,494	24,540	4,145	
1981 <sup>2</sup> .....	4,145	18,621	.....	22,766	.....	.....	.....	.....	.....	.....	.....	.....	

<sup>1</sup> Residual, approximates total feed use.<sup>2</sup> Preliminary.

Economic Research Service.

Table 20.—Rye: Area, yield, and production, by States, 1979-81

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
Colo.....	42	29	35	5	6	7	20.0	20.0	20.0	100	120	140
Del.....	40	30	30	3	3	3	24.0	29.0	35.0	72	87	105
Ga.....	510	450	450	110	95	105	21.0	21.0	26.0	2,310	1,995	2,730
Ill.....	70	70	60	17	16	14	23.0	23.0	24.0	391	368	336
Ind.....	40	35	40	8	7	9	26.0	26.0	26.0	208	182	234
Iowa.....	22	19	21	5	5	5	29.0	30.0	33.0	145	150	165
Kans.....	85	60	75	18	10	12	28.0	21.0	21.0	504	210	252
Ky.....	66	54	55	4	3	3	24.0	24.0	27.0	96	72	81
Md.....	50	60	66	7	8	8	29.0	27.0	30.0	203	216	240
Mich.....	135	130	130	25	21	19	25.0	24.0	28.0	625	504	532
Minn.....	100	85	100	91	76	93	25.0	25.0	31.0	2,275	1,900	2,883
Mo.....	55	40	50	8	5	4	23.0	23.0	25.0	184	115	100
Nebr.....	70	65	65	35	37	38	22.0	18.0	21.0	770	666	798
N.J.....	79	82	76	10	8	9	25.0	27.0	29.0	250	216	261
N.Y.....	107	98	100	10	9	9	32.0	32.0	32.0	320	288	288
N.C.....	145	140	142	20	20	20	23.0	21.0	19.0	460	420	380
N. Dak.....	170	100	90	150	70	80	28.0	21.0	32.0	4,200	1,470	2,560
Ohio.....	65	80	85	5	7	5	31.0	33.0	30.0	155	231	150
Okla.....	200	200	230	35	34	34	26.0	24.0	20.0	910	816	680
Oreg.....	31	35	40	6	6	6	24.0	25.0	25.0	144	150	150
Pa.....	65	55	55	17	14	11	27.0	31.0	33.0	459	434	363
S.C.....	130	126	120	29	28	33	21.0	22.0	22.0	609	616	726
S. Dak.....	250	150	135	190	130	115	30.0	31.0	28.0	5,700	4,030	3,220
Tex.....	170	150	140	27	26	25	19.0	19.0	19.0	513	494	475
Va.....	180	150	160	16	13	13	24.0	25.0	28.0	384	325	364
Wis.....	40	40	44	16	16	17	23.0	23.0	24.0	368	368	408
Wyo <sup>3</sup> .....	4	4	.....	2	2	.....	17.0	20.0	.....	34	40	.....
U.S.....	2,921	2,537	2,594	869	675	697	25.8	24.4	26.7	22,389	16,483	18,621

<sup>1</sup> Relates to the total area of rye sown for all purposes; area planted in preceding fall.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1980 crop.

Statistical Reporting Service.



Table 21.—Rye: Production, disposition, and value, by States, crop of 1981 (preliminary)

State	Production	Used on farms where produced <sup>1</sup>	Sold <sup>1</sup>	Season average price per bushel	Value of—	
					Production	Sales <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Colo.....	140			3.00	420	
Del.....	105			3.35	352	
Ga.....	2,730			3.20	8,736	
Ill.....	336			2.70	907	
Ind.....	234			3.50	819	
Iowa.....	165			3.40	561	
Kans.....	252			2.65	668	
Ky.....	81			3.35	271	
Md.....	240			3.35	804	
Mich.....	532			2.90	1,543	
Minn.....	2,883			2.90	8,361	
Mo.....	100			3.20	320	
Nebr.....	798			2.60	2,075	
N.J.....	261			3.30	861	
N.Y.....	288			4.00	1,152	
N.C.....	380			3.20	1,216	
N. Dak.....	2,560			2.65	6,784	
Ohio.....	150			3.25	488	
Okla.....	680			2.00	1,360	
Oreg.....	150			3.20	480	
Pa.....	363			3.40	1,234	
S.C.....	726			3.40	2,468	
S. Dak.....	3,220			2.80	9,016	
Tex.....	475			3.30	1,568	
Va.....	364			3.00	1,092	
Wis.....	408			2.60	1,061	
U.S.....	18,621			2.90	54,617	

<sup>1</sup> Estimates discontinued.  
Statistical Reporting Service.

Table 22.—Rye: Price-support operations, United States, 1965-82

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>1</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1965.....	1.02	73	6.9	20.7	5.2	9.2
1966.....	1.02	72	2.4	8.6	1.6	7.3
1967.....	1.02	73	2.7	11.3	2.5	8.0
1968.....	1.02	72	4.6	19.7	3.0	<sup>5</sup> 10.9
1969.....	1.02	69	6.9	21.8	6.2	<sup>5</sup> 16.1
1970.....	1.02	68	12.1	32.9	11.2	<sup>5</sup> 20.9
1971.....	.89	57	20.0	40.6	11.5	<sup>5</sup> 31.0
1972.....	.89	56	6.9	23.6	1.5	<sup>5</sup> 1
1973.....	.89	51	.4	1.5		
1974.....	.89	46	.2	1.0		
1975.....	.89	39	.1	.6		
1976.....	1.20	48	.1	1.0		
1977.....	1.70	61	.9	5.4		
1978.....	1.70	56	3.0	11.5		
1979.....	1.79	51	1.9	8.5		
1980.....	1.91	51	.4	2.4		
1981.....	2.04	48	.6	3.2		
1982.....	<sup>6</sup> 2.17					

<sup>1</sup> Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

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

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

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Uncommitted CCC inventory.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 23.—Rye: Area, yield, and production in specified countries, 1979-81<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectares			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980 <sup>3</sup>	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	1,000 hec- tares	1,000 hec- tares	1,000 hec- tares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:									
Canada.....	330	310	449	1.59	1.45	2.15	5.25	448	964
United States.....	352	273	282	1.62	1.53	1.68	569	419	473
Total.....	682	583	731	1.60	1.49	1.97	1,094	867	1,437
South America:									
Argentina.....	225	210	245	.90	.74	.82	202	155	200
Brazil.....	12	15	25	.92	.87	1.08	11	13	27
Chile.....	8	8	9	1.13	1.25	1.00	9	10	9
Total.....	245	233	279	.91	.76	.85	222	178	236
Europe:									
Belgium-Luxembourg.....	14	12	9	3.64	3.42	4.00	51	41	36
Denmark.....	70	56	51	3.67	3.55	4.18	257	199	213
France.....	116	130	117	3.06	3.14	2.92	355	408	342
Germany, Fed. Rep. of.....	583	567	500	3.75	3.85	3.59	2,189	2,184	1,794
Greece.....	3	3	3	2.00	2.00	1.67	6	6	5
Italy.....	15	15	14	2.47	2.33	2.21	37	35	31
Netherlands.....	12	10	8	4.08	3.90	3.63	49	39	29
United Kingdom.....	7	6	6	2.86	3.33	3.33	20	20	20
Total EC.....	820	799	708	3.61	3.67	3.49	2,964	2,932	2,470
Austria.....	106	109	110	2.62	3.51	3.00	278	383	330
Finland.....	37	53	41	2.08	2.34	1.56	77	124	64
Norway.....	2	1	1	2.50	5.00	5.00	5	5	5
Portugal.....	209	217	200	.57	.64	.63	120	138	126
Spain.....	220	221	216	1.00	1.32	1.00	221	292	216
Sweden.....	59	66	52	3.31	3.41	3.58	195	225	186
Switzerland.....	9	8	7	4.56	4.38	4.57	41	35	32
Total Western Europe.....	1,462	1,474	1,335	2.67	2.80	2.57	3,901	4,134	3,429
Albania.....	12	12	12	.83	.83	.83	10	10	10
Bulgaria.....	16	20	16	1.56	1.40	1.56	25	28	25
Czechoslovakia.....	166	179	175	2.93	3.21	2.86	486	575	500
German Dem. Rep.....	678	678	672	2.70	2.83	2.71	1,830	1,917	1,820
Hungary.....	69	74	75	1.33	1.76	1.72	92	130	129
Poland.....	2,868	3,039	3,000	1.81	2.16	2.26	5,201	6,564	6,789
Romania.....	40	35	35	1.25	1.43	1.14	50	50	40
Yugoslavia.....	59	55	53	1.37	1.44	1.68	81	79	89
Total Eastern Europe.....	3,908	4,092	4,038	1.99	2.29	2.33	7,775	9,353	9,402
Total Europe.....	5,370	5,566	5,373	2.17	2.42	2.39	11,676	13,487	12,831
Soviet Union (Europe and Asia).....	6,476	8,645	7,300	1.25	1.18	1.30	8,100	10,205	9,500
Africa:									
South Africa.....	33	30	36	.18	.13	.22	6	4	8
Total.....	33	30	36	.18	.13	.22	6	4	8
Asia:									
Turkey.....	470	440	420	1.32	1.19	1.19	620	525	500
Total.....	470	440	420	1.32	1.19	1.19	620	525	500
Oceania:									
Australia.....	26	26	25	.35	.65	.64	9	17	16
Total.....	26	26	25	.35	.65	.64	9	17	16
World total.....	13,302	15,523	14,164	1.63	1.63	1.73	21,727	25,283	24,528

<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 1979 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1981 and end early in 1982. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

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

**Table 24.—Rice, rough: Area, yield, production, disposition, and value, United States, 1965-81**

Year	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per cwt. received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1965.....	1,803.8	1,792.7	4,255	76,281	639	75,642	4.93	376,227
1966.....	1,980.3	1,967.2	4,322	85,020	658	84,362	4.95	421,018
1967.....	1,982.2	1,970.1	4,537	89,379	576	88,803	4.97	443,995
1968.....	2,366.6	2,353.4	4,425	104,142	680	103,462	5.00	521,237
1969.....	2,140.6	2,128.4	4,318	91,904	560	91,344	4.95	455,045
1970.....	1,825.8	1,814.7	4,618	83,805	456	83,349	5.17	433,186
1971.....	1,826.0	1,817.9	4,718	85,768	499	85,269	5.34	457,697
1972.....	1,824.0	1,817.9	4,700	85,439	515	84,924	6.73	574,907
1973.....	2,181.3	2,170.2	4,274	92,765	741	92,024	13.80	1,279,990
1974.....	2,550.0	2,531.0	4,440	112,386	1,043	111,343	11.20	1,261,359
1975.....	2,833.0	2,818.0	4,558	128,437	763	127,674	8.35	1,071,924
1976.....	2,489.0	2,480.0	4,663	115,648	378	115,270	7.02	811,358
1977.....	2,261.0	2,249.0	4,412	99,223	814	98,409	9.49	941,248
1978.....	2,993.0	2,970.0	4,484	133,170	602	132,568	8.16	1,087,000
1979.....	2,890.0	2,869.0	4,599	131,947	851	131,096	10.50	1,383,993
1980.....	3,380.0	3,312.0	4,413	146,150	( <sup>2</sup> )	( <sup>2</sup> )	12.80	1,873,007
1981 <sup>3</sup> .....	3,842.0	3,804.0	4,873	185,370	( <sup>2</sup> )	( <sup>2</sup> )	9.62	783,258

<sup>1</sup>Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup>Preliminary.

<sup>3</sup>Estimates discontinued.

Statistical Reporting Service.

**Table 25.—Rice, rough: Stocks on and off farms, United States, 1965-82**

Year	On farms			Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	Aug. 1	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1965.....	7,404	2,451	141	40,591	25,593	4,764	1,547
1966.....	7,123	2,527	347	38,830	23,456	5,133	1,815
1967.....	8,252	2,056	226	47,752	28,619	5,971	1,346
1968.....	9,585	2,491	120	47,249	24,378	3,339	268
1969.....	14,587	9,512	332	53,100	36,608	12,161	7,280
1970.....	10,536	4,855	242	53,293	39,107	12,973	7,734
1971.....	10,121	3,335	203	49,276	32,001	14,689	7,565
1972.....	10,924	3,531	133	49,776	29,104	8,291	.....
1973.....	4,714	1,476	94	44,130	22,791	2,845	.....
1974.....	7,729	1,536	77	44,435	25,175	3,877	.....
1975.....	13,608	2,902	63	55,106	31,426	3,987	.....
1976.....	24,713	12,800	657	66,333	50,481	30,688	.....
1977.....	21,006	6,761	709	79,142	61,614	32,642	.....
1978.....	8,269	3,157	586	68,813	49,898	20,542	.....
1979.....	28,089	14,381	623	67,828	53,139	24,515	.....
1980.....	31,021	12,030	563	72,897	55,368	19,530	.....
1981.....	26,179	5,977	208	69,934	43,815	9,632	.....
1982 <sup>3</sup> .....	48,404	26,807	.....	82,980	63,473	.....	.....

<sup>1</sup>Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit.

<sup>2</sup>Estimates discontinued in 1972.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

FOOTNOTES FOR TABLE 28

<sup>1</sup>Consolidated supply and disappearance of rough and milled rice. Converted milled-rice data to a rough-rice basis using annually derived extraction rates as factors.

<sup>2</sup>Based on Bureau of Census reports. Estimates for 1968, 1969, and 1970 adjusted by ASCS data, based on bills of lading submitted to the USDA for export payments.

<sup>3</sup>Results from losses in drying, storage, handling, and milling and errors in estimation.

<sup>4</sup>Less than 50,000 cwt.

<sup>5</sup>Preliminary.

Economic Research Service. Totals may not add due to independent rounding.

**Table 26.—Rice, by length of grain: Area, yield, and production, United States, 1972-81**

Year	Area harvested			Yield per acre			Production		
	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain	Long grain	Medium grain	Short grain
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
1972.....	913.2	751.7	153.0	4,682	4,548	5,552	42,760	34,184	8,495
1973.....	1,058.4	937.8	174.0	4,139	4,196	5,524	43,807	39,347	9,611
1974.....	1,370.0	949.6	211.4	4,375	4,358	5,234	59,934	41,387	11,065
1975.....	1,453.3	1,141.2	223.5	4,376	4,579	5,633	63,593	52,255	12,589
1976.....	1,531.0	794.0	155.0	4,576	4,634	5,681	70,051	36,792	8,805
1977.....	1,467.0	595.0	187.0	4,240	4,415	5,746	62,206	26,272	10,745
1978.....	1,925.0	816.6	228.4	4,405	4,464	5,221	84,792	36,454	11,924
1979.....	1,940.0	749.0	180.0	4,159	5,397	6,019	80,692	40,421	10,834
1980.....	2,170.0	1,003.6	138.4	4,002	5,122	5,702	86,851	51,407	7,892
1981 <sup>1</sup> .....	2,502.0	1,135.2	166.8	4,449	5,510	6,895	111,318	62,551	11,501

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 27.—Rice, rough, by length of grain: Stocks in all positions, United States, 1972-82**

Year	Long grain				Medium grain				Short grain			
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>
	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.
1972.....			4,010				3,050	141			1,364	175
1973.....	21,247	10,618	1,112		21,495	9,859	937	5	6,102	3,790	890	34
1974.....	25,302	13,774	2,132		19,866	8,270	939	44	6,996	4,667	883	57
1975.....	36,393	16,532	1,450		22,502	12,822	1,264	644	9,819	4,974	1,336	164
1976.....	40,705	24,749	14,260		40,575	31,990	13,579	3,851	9,766	6,542	3,506	1,868
1977.....	54,987	32,262	12,950		36,532	29,129	17,523	5,376	8,629	6,984	2,878	722
1978.....	42,641	28,929	9,624		26,617	18,634	9,327	2,804	7,824	5,492	2,177	424
1979.....	54,785	36,222	11,049		30,878	23,559	10,776	2,698	10,254	7,739	3,313	684
1980.....	62,318	40,062	10,515		32,645	21,125	6,783	257	8,955	6,211	2,795	326
1981.....	54,909	27,132	4,869		34,928	18,154	3,637	801	6,276	4,506	1,334	89
1982 <sup>2</sup> .....	72,440	44,208			53,268	42,589			5,676	3,483		

<sup>1</sup> California only.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 28.—Rough rice and milled rice (rough equivalent): Supply and disappearance, United States, 1965-81<sup>1</sup>**

Year beginning August	Supply				Disappearance						Statistical discrepancies <sup>3</sup>	Ending stocks July 31
	Beginning stocks	Production	Imports	Total	Domestic use				Exports <sup>2</sup>	Total disappearance		
					Food	Industry	Seed	Total				
Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	Million cwt.	
1965.....	7.7	76.3	0.7	84.6	23.4	4.7	2.7	30.8	43.3	74.2	2.2	8.2
1966.....	8.2	85.0	(*)	93.3	24.0	5.3	2.7	31.9	51.6	83.5	1.2	8.5
1967.....	8.5	89.4	(*)	97.9	25.0	5.4	3.2	33.7	56.9	90.6	.6	6.8
1968.....	6.8	104.1	(*)	110.9	27.0	5.8	2.9	35.6	56.1	91.7	3.0	16.2
1969.....	16.2	91.9	.2	108.3	23.5	7.1	2.5	33.1	56.9	90.0	1.9	16.4
1970.....	16.4	83.8	1.4	101.7	25.1	6.8	2.5	34.4	46.5	80.9	2.1	18.6
1971.....	18.6	85.8	1.1	105.5	25.5	7.4	2.5	35.4	56.9	92.3	1.8	11.4
1972.....	11.4	85.4	.5	97.4	25.1	7.7	3.0	35.7	54.0	89.8	2.5	5.1
1973.....	5.1	92.8	.2	98.1	26.1	8.1	3.6	37.8	49.7	87.5	2.7	7.8
1974.....	7.8	112.4	(*)	120.3	28.6	8.4	4.0	41.0	69.5	110.5	2.7	7.1
1975.....	7.1	128.4	(*)	135.5	27.7	9.1	3.5	40.3	56.5	96.8	1.8	36.9
1976.....	36.9	115.6	.1	152.6	29.2	10.3	3.2	42.7	65.6	108.3	3.8	40.5
1977.....	40.5	99.2	.1	139.8	23.5	9.9	4.3	37.7	72.8	110.5	1.9	27.4
1978.....	27.4	133.2	.1	160.7	33.7	11.2	4.3	49.2	75.7	124.9	4.2	31.6
1979.....	31.6	131.9	.1	163.6	33.2	11.2	4.8	49.2	82.6	131.8	6.1	25.7
1980.....	25.7	146.2	.2	172.1	38.4	11.0	5.1	54.5	91.4	145.9	9.7	16.5
1981 <sup>5</sup> .....	16.5	185.4	.1	202.0								

See footnotes on page 19.

Table 29.—Rice, by length of grain: Area, yield, and production, by States, 1979-81

State	Area harvested			Yield per acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
Long grain									
	<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>
Ark.....	881.0	1,062.0	1,283.0	4,250	4,000	4,450	37,443	42,480	57,094
La.....	285.0	250.0	289.0	3,875	3,550	4,025	11,044	8,875	11,632
Miss.....	206.0	236.0	328.0	4,050	3,850	4,400	8,343	9,086	14,432
Mo.....	32.0	50.0	67.0	3,800	4,200	4,100	1,216	2,100	2,747
Tex.....	536.0	572.0	535.0	4,225	4,250	4,750	22,646	24,310	25,413
U.S.....	1,940.0	2,170.0	2,502.0	4,159	4,002	4,449	80,692	86,851	111,318
Medium grain									
	<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>
Ark.....	110.0	194.0	230.0	4,805	4,675	4,975	5,286	9,073	11,443
Calif.....	373.0	452.0	466.0	6,600	6,550	7,185	24,618	29,606	33,482
La.....	243.0	335.0	378.0	3,950	3,550	4,000	9,599	11,893	15,120
Miss.....	1.0	4.0	9.0	4,100	3,500	4,000	41	140	360
Mo.....	3.0	4.6	8.2	3,900	4,150	3,900	117	191	320
Tex.....	19.0	14.0	44.0	4,000	36	4,150	760	504	1,826
U.S.....	749.0	1,003.6	1,135.2	5,397	5,122	5,510	40,421	51,407	62,551
Short grain									
	<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>
Ark.....	29.0	24.0	27.0	4,605	4,425	5,150	1,335	1,062	1,391
Calif.....	149.0	113.0	139.0	6,325	6,000	7,250	9,424	6,780	10,078
Mo.....	.....	1.4	.8	.....	3,575	4,000	.....	50	32
Tex.....	2.0	.....	.....	3,750	.....	.....	75	.....	.....
U.S.....	180.0	138.4	166.8	6,019	5,702	6,895	10,834	7,892	11,501

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 30.—Rice: Area, yield, and production, by States, 1979-81

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Ark.....	1,030.0	1,300.0	1,560.0	1,020.0	1,280.0	1,540.0	4,320	4,110	4,540	44,064	52,615	69,928
Calif.....	525.0	569.0	615.0	522.0	565.0	605.0	6,520	6,440	7,200	34,042	36,386	43,560
La.....	530.0	615.0	670.0	528.0	585.0	667.0	3,910	3,550	4,010	20,643	20,768	26,752
Miss.....	210.0	250.0	340.0	207.0	240.0	337.0	4,050	3,840	4,390	8,384	9,226	14,792
Mo.....	35.0	56.0	77.0	35.0	56.0	76.0	3,810	4,180	4,080	1,333	2,341	3,099
Tex.....	560.0	590.0	580.0	557.0	586.0	579.0	4,220	4,230	4,700	23,481	24,814	27,239
U.S.....	2,890.0	3,380.0	3,842.0	2,869.0	3,312.0	3,804.0	4,599	4,413	4,873	131,947	146,150	185,370

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 31.—Rice, milled, by length of grain: Stocks in all positions, United States, 1972-82

Year	Whole kernels (head rice)												
	Long grain				Medium grain				Short grain				
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	
	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.	
1972			550				740	47				308	65
1973	1,142	1,774	500		2,281	1,770	278	10	84	333		348	10
1974	1,117	1,467	792		1,512	2,574	835	31	205	319		242	74
1975	1,697	1,185	421		1,130	1,233	660	130	224	773		293	87
1976	1,893	1,454	922		1,197	2,052	1,630	63	137	137		99	461
1977	1,802	2,140	1,618		742	1,453	1,667	222	410	162		367	186
1978	3,417	3,945	1,719		1,704	1,704	1,008	559	376	497		958	1,177
1979	3,349	2,757	2,302		795	1,722	706	380	720	525		144	207
1980	3,312	3,840	2,471		1,983	2,039	824	141	123	98		163	88
1981	3,909	4,146	1,747		1,702	2,731	1,595	154	67	109		409	418
1982 <sup>2</sup>	2,600	2,963			1,025	1,862			289	751			

  

Year	Broken kernels <sup>3</sup>												
	Second heads				Screenings				Brewers				
	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	Aug. 1	Oct. 1 <sup>1</sup>	
	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.	
1972			331	15			186					86	20
1973	528	686	329	39	49	180	104		215	142		47	8
1974	566	545	587	30	103	189	228		391	160		119	2
1975	731	830	672	34	141	112	37		369	136		81	27
1976	897	1,190	969	7	125	88	111		317	182		161	23
1977	1,121	1,283	1,002	35	75	430	154		193	218		348	27
1978	692	1,004	509	92	81	102	65		174	214		88	22
1979	952	1,285	1,026	180	112	139	68		211	277		337	69
1980	500	507	403	63	31	152	49		121	154		125	17
1981	684	591	930	276	65	66	43		113	169		131	24
1982 <sup>2</sup>	884	946			90	83			168	180			

<sup>1</sup> California only.<sup>2</sup> Preliminary.<sup>3</sup> Screenings in California are included in second heads.

Statistical Reporting Service.

**Table 32.—Rice: Production, seed used, disposition, and value, by States, crop of 1981 (preliminary)**

State	Production	Used on farms where produced <sup>1</sup>	Sold <sup>1</sup>	Season average price per cwt. <sup>2</sup>	Value of—	
					Production <sup>2</sup>	Sales <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 dollars
Ark.....	69,928					
Calif.....	43,560					
La.....	26,752					
Miss.....	14,792					
Mo.....	3,099					
Tex.....	27,239					
U.S.....	185,370			9.62	1,783,258	

<sup>1</sup> Estimates discontinued.<sup>2</sup> State estimates not available.

Statistical Reporting Service.

**Table 33.—Rice, milled: United States exports under specified Government programs, 1965-80**

Year <sup>1</sup>	Public Law 480					Mutual security (AID) <sup>7</sup>	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1965.....	7,207	716				2,006	9,929
1966.....	15,494	2,762				<sup>8</sup> -16	18,240
1967.....	12,656	3,535				547	16,738
1968.....	6,626	15,053			208	137	22,024
1969.....	9,782	10,925	22	142		61	20,932
1970.....	5,366	14,979				3,356	23,701
1971.....	3,588	14,343	5,462			3,132	26,525
1972.....		21,253	722	4		2,721	24,700
1973.....		13,352				146	13,498
1974.....		16,342	113	11		2	16,468
1975.....		11,228				111	11,339
( <sup>9</sup> ).....		(10,007)					(10,007)
1976.....		14,572	198	357		8	15,135
1977.....		10,275	1,045	345			11,665
1978.....		9,224	1,135	315			10,674
1979.....		8,889	1,888	1,087			11,864
1980.....		5,335	1,479	828			7,642

<sup>1</sup> Year beginning July 1 for 1965-75 and Oct. 1 beginning 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan. 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec. 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Negative quantity due to adjustments for prior periods.<sup>9</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 34.—Rice, rough: Price-support operations, United States, 1965-81

Marketing year beginning August	Support price <sup>1</sup>		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC <sup>5</sup>
	Percent	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
1965.....	4.50	68	9.8	12.8	0.2	0.5
1966.....	4.50	66	14.4	16.8	.1	.1
1967.....	4.55	66	16.4	18.3	(9)	.1
1968.....	4.60	66	23.6	22.7	6.3	6.3
1969.....	4.72	65	22.7	25.0	2.9	5.8
1970.....	4.86	65	20.8	25.0	3.7	9.4
1971.....	5.07	65	31.2	36.7	1.3	9.4
1972.....	5.27	65	22.9	26.8	(9)	2.7
1973.....	6.07	65	19.1	20.6	.....	.....
1974.....	7.54	65	9.3	8.3	(9)	.....
1975.....	8.52	65	21.5	16.8	17.3	17.3
1976.....	6.19/8.25	61	23.4	20.2	1.8	19.1
1977.....	6.19/8.25	59	19.5	19.7	.6	18.6
1978.....	6.40/8.53	55	27.1	20.3	.3	10.9
1979.....	6.79/9.05	53	26.1	19.8	.4	8.5
1980.....	7.12/9.49	50	25.0	17.1	.....	2.2
1981.....	8.01/10.68	51	40.0	21.5	15.0	(9)

<sup>1</sup> Loan/purchase level from 1965 to 1975 and target price from 1976 to 1981. Prices from 1976 to 1981 indicate loan/purchase and target rates.

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

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

<sup>4</sup> Acquisitions through loan forfeitures, crop year basis.

<sup>5</sup> At beginning of market year—July 31 for 1965-1974; and Sept. 30, 1975-1981.

<sup>6</sup> Less than 50,000 cwt.

<sup>7</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 35.—Rice: United States exports (milled basis), by country of destination, 1979 and 1980

Country of destination	Year beginning August <sup>1</sup>		Country of destination	Year beginning August <sup>1</sup>	
	1979	1980		1979	1980
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	77,589	93,289	Indonesia.....	225,144	138,845
Mexico.....	26,977	41,551	Iran.....	31,105	.....
Bahamas.....	5,604	5,632	Iraq.....	309,561	71,368
Dominican Republic.....	41,981	44,548	Korea, Rep. of.....	574,698	1,057,363
Haiti.....	22,345	7,624	Bangladesh.....	.....	.....
Jamaica.....	3,423	1,940	Saudi Arabia.....	169,538	257,038
Netherlands Antilles.....	4,010	5,945	Syria.....	14,568	.....
Chile.....	2,987	8,156	Total Asia and Oceania <sup>2</sup> .....	1,541,336	1,704,005
Total Western Hemisphere <sup>2</sup> .....	304,191	368,973	Guinea.....	8,378	27,110
Belgium-Luxembourg.....	85,008	101,591	Ivory Coast.....	3,826	4,959
France.....	18,113	10,147	Liberia.....	61,872	85,104
Italy.....	42,516	11,508	Nigeria.....	137,864	283,234
Germany, Fed. Rep. of.....	23,776	23,793	Senegal.....	15,622	23,591
Netherlands.....	39,139	31,931	South Africa.....	105,467	112,418
Portugal.....	30,361	13	Total Africa <sup>2</sup> .....	494,251	646,020
Sweden.....	9,360	10,809	World total <sup>2</sup> .....	2,705,916	3,036,231
Switzerland.....	63,346	69,473			
United Kingdom.....	30,074	19,330			
Total Europe <sup>2</sup> .....	366,137	317,231			

<sup>1</sup> Marketing year.

<sup>2</sup> Includes countries not shown.

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



Table 36.—Rice, rough: Area, yield, and production in specified countries 1979–81 <sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 hect- ares	1,000 hect- ares	1,000 hect- ares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Costa Rica.....	81	50	70	2.59	2.59	2.40	210	130	168
Cuba.....	200	210	210	2.30	2.15	2.20	260	451	462
Dominican Republic.....	120	125	128	2.63	2.83	2.88	315	354	369
El Salvador.....	15	17	14	3.90	3.35	5.49	58	57	77
Guatemala.....	13	11	16	3.15	3.45	3.25	41	38	52
Haiti.....	50	50	50	1.70	1.78	1.82	85	89	91
Honduras.....	19	20	23	2.67	2.86	2.76	51	57	63
Jamaica.....	4	4	4	2.34	2.73	2.73	9	11	11
Mexico.....	160	130	180	3.00	3.00	3.08	480	390	555
Nicaragua.....	19	42	39	3.32	1.74	2.72	63	73	106
Panama.....	94	90	96	1.77	1.56	1.84	166	140	177
Trinidad and Tobago.....	10	10	10	1.36	2.73	3.03	14	27	30
United States.....	1,161	1,340	1,539	5.16	4.95	5.46	5,986	6,629	8,408
<b>Total.....</b>	<b>1,946</b>	<b>2,099</b>	<b>2,379</b>	<b>4.08</b>	<b>4.02</b>	<b>4.44</b>	<b>7,938</b>	<b>8,446</b>	<b>10,569</b>
<b>South America:</b>									
Argentina.....	82	82	84	3.24	3.49	3.30	266	286	277
Bolivia.....	51	66	55	1.49	1.45	1.75	76	96	96
Brazil.....	6,638	6,638	6,000	1.49	1.30	1.45	9,638	8,638	8,700
Chile.....	47	41	31	3.87	2.32	3.23	182	95	100
Colombia.....	442	416	413	4.37	4.55	4.55	1,932	1,892	1,880
Ecuador.....	103	127	129	2.34	2.83	3.03	241	359	391
Guyana.....	88	96	90	2.44	2.60	2.61	215	250	235
Paraguay.....	31	31	32	1.84	2.19	2.16	57	68	69
Peru.....	115	100	125	4.09	4.19	5.30	471	419	662
Surinam.....	60	60	60	4.07	4.07	4.07	244	244	244
Uruguay.....	67	67	65	4.30	5.40	5.20	288	362	338
Venezuela.....	218	225	230	3.08	3.16	3.17	671	712	729
<b>Total.....</b>	<b>7,773</b>	<b>7,949</b>	<b>7,314</b>	<b>1.84</b>	<b>1.69</b>	<b>1.88</b>	<b>14,281</b>	<b>13,421</b>	<b>13,721</b>
<b>Europe:</b>									
France.....	7	7	5	4.14	3.43	4.20	29	24	21
Greece.....	18	17	15	5.28	5.06	5.00	95	86	75
Italy.....	183	176	173	6.05	5.40	5.28	1,107	950	914
<b>Total EC.....</b>	<b>208</b>	<b>200</b>	<b>193</b>	<b>5.91</b>	<b>5.30</b>	<b>5.23</b>	<b>1,231</b>	<b>1,060</b>	<b>1,010</b>
Portugal.....	35	351	30	4.17	4.43	3.73	146	155	112
Spain.....	69	68	69	6.20	6.37	6.39	428	433	441
<b>Total Western Europe.....</b>	<b>312</b>	<b>303</b>	<b>292</b>	<b>5.79</b>	<b>5.44</b>	<b>5.35</b>	<b>1,805</b>	<b>1,648</b>	<b>1,563</b>
Bulgaria.....	16	16	20	4.55	3.79	3.41	73	61	68
Hungary.....	20	16	13	2.05	1.56	2.69	41	25	35
Romania.....	23	25	25	4.01	4.00	4.00	92	100	100
Yugoslavia.....	8	8	8	4.17	5.00	5.21	33	40	42
<b>Total Eastern Europe.....</b>	<b>67</b>	<b>65</b>	<b>66</b>	<b>3.57</b>	<b>3.47</b>	<b>3.71</b>	<b>239</b>	<b>226</b>	<b>245</b>
<b>Total Europe.....</b>	<b>379</b>	<b>368</b>	<b>358</b>	<b>5.39</b>	<b>5.09</b>	<b>5.05</b>	<b>2,044</b>	<b>1,874</b>	<b>1,808</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>610</b>	<b>666</b>	<b>600</b>	<b>3.92</b>	<b>4.20</b>	<b>4.00</b>	<b>2,391</b>	<b>2,800</b>	<b>2,404</b>
<b>Africa:</b>									
Algeria.....	1	1	1	3.00	1.00	1.00	3	1	1
Angola.....	20	20	20	1.25	1.55	1.55	25	31	31
Cameroon.....	20	22	25	1.15	1.37	1.32	23	30	33
Chad.....	20	20	20	1.00	1.00	1.10	20	20	22
Egypt.....	435	408	395	5.77	5.84	5.76	2,510	2,384	2,276
Gambia.....	45	40	40	1.33	.85	1.15	60	34	46
Ghana.....	80	80	83	.69	.80	.95	55	64	79
Guinea.....	400	400	400	.98	.88	.88	391	351	351
Guinea-Bissau.....	40	42	45	1.00	.73	1.03	40	31	46
Ivory Coast.....	390	380	520	1.16	1.17	.80	452	444	418
Kenya.....	7	7	7	5.84	5.86	5.86	41	41	41
Liberia.....	215	200	215	1.19	1.07	1.17	257	215	251
Madagascar.....	1,172	1,199	1,200	1.82	1.85	1.83	2,130	2,223	2,200
Mali.....	160	160	160	1.11	1.18	1.18	177	189	189
Mauritania.....	2	3	5	4.50	3.33	2.06	9	10	10
Morocco.....	6	5	5	3.33	3.40	4.80	20	17	24
Mozambique.....	65	65	65	.65	.61	.70	42	39	45
Nigeria.....	482	550	600	1.87	1.98	2.07	902	1,090	1,241
Senegal.....	82	69	90	1.37	.84	1.33	112	58	120
Sierra Leone.....	400	400	400	1.23	1.25	1.44	492	500	575
Somali Rep.....	2	2	2	3.00	3.08	3.08	6	6	6
Swaziland.....	2	2	2	2.50	2.50	2.34	5	5	5

See footnotes at end of table.

Table 36.—Rice, rough: Area, yield, and production in specified countries, 1979–81<sup>1</sup>—  
Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	1,000 hect- ares-	1,000 hect- ares	1,000 hect- ares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Tanzania.....	150	150	150	1.47	1.43	1.47	220	215	221
Upper Volta.....	39	40	40	.59	.70	.70	23	28	28
Zaire.....	335	335	335	.69	.73	.73	231	246	246
Total.....	4,570	4,600	4,825	1.80	1.80	1.76	8,246	8,272	8,505
<b>Asia:</b>									
Afghanistan.....	210	190	190	2.17	2.00	2.00	455	380	380
Bangladesh.....	10,064	10,309	10,400	1.90	2.02	1.93	19,090	20,841	20,120
Burma.....	4,442	4,677	4,669	2.19	2.78	2.92	9,750	13,000	13,650
Kampuchea.....	1,200	1,320	1,188	.83	1.20	1.22	1,000	1,580	1,453
China.....	33,800	33,400	33,200	4.25	4.17	4.34	143,750	139,254	144,000
Taiwan.....	721	637	678	4.46	4.90	4.50	3,214	3,122	3,051
India.....	39,414	39,773	39,800	1.61	2.01	2.00	63,559	79,926	79,580
Indonesia.....	8,804	9,018	9,400	2.99	3.30	3.47	26,282	29,774	32,599
Iran.....	300	310	315	4.04	3.79	3.85	1,212	1,174	1,212
Iraq.....	64	65	65	2.89	2.91	2.89	185	189	188
Japan.....	2,497	2,377	2,278	5.99	5.13	5.63	14,948	12,188	12,824
Korea, Dem. Peo. Rep. of.....	780	780	800	5.77	5.13	6.00	4,500	4,000	4,800
Korea, Rep. of.....	1,233	1,233	1,224	5.75	4.99	5.75	7,092	6,154	7,032
Laos.....	689	690	725	1.34	1.51	1.58	925	1,042	1,145
Malaysia.....	738	718	778	2.86	2.87	2.77	2,111	2,063	2,156
Nepal.....	1,245	1,260	1,260	1.65	1.96	1.79	2,060	2,464	2,252
Pakistan.....	2,034	1,912	2,000	2.37	2.41	2.44	4,829	4,599	4,880
Philippines.....	3,637	3,459	3,500	2.14	2.22	2.32	7,775	7,663	8,131
Saudi Arabia.....	1	1	1	3.00	3.00	3.00	3	3	3
Sri Lanka.....	783	845	864	2.40	2.47	2.56	1,878	2,088	2,212
Thailand.....	9,435	9,600	9,800	1.67	1.93	1.99	15,758	18,500	19,500
Turkey.....	75	60	70	4.61	4.37	4.86	346	262	340
Vietnam, Soc. Rep.....	5,481	5,741	5,750	1.96	1.74	1.83	10,742	10,000	10,500
Total.....	127,647	128,374	128,955	2.68	2.81	2.88	341,464	360,267	372,008
<b>Oceania:</b>									
Australia.....	116	106	120	5.28	7.15	6.46	613	758	775
Total.....	116	106	120	5.28	7.15	6.46	613	758	775
World total.....	143,041	144,162	144,551	2.64	2.75	2.83	376,977	395,837	409,786

<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>Harvested area as far as possible.

<sup>3</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 Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 37.—Rice, milled equivalent: <sup>1</sup> International trade, 1979–81 <sup>2</sup>

Continent and country	1979		1980		1981 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>						
Canada.....		90		98		100
El Salvador.....		2		2		3
Honduras.....		5		4		1
Mexico.....		34		128		70
Nicaragua.....		10		33		18
Panama.....	17		10			20
United States.....	2,267	3	2,977	3	3,008	8
Cuba.....		161		200		200
Jamaica.....		44		38		54
Trinidad and Tobago.....		35		32		30
<b>Total.....</b>	<b>2,284</b>	<b>384</b>	<b>2,987</b>	<b>538</b>	<b>3,008</b>	<b>474</b>
<b>South America:</b>						
Argentina.....	95		107		110	9
Brazil.....		711	1	239	46	20
Guyana.....	85		81		80	
Chile.....	15	9	1	48	22	
Colombia.....	30		58	4	58	4
Ecuador.....		25	7	25	11	7
Peru.....		150		251		103
Surinam.....	108		108		100	
Uruguay.....	115		165		220	1
Venezuela.....						
<b>Total.....</b>	<b>448</b>	<b>895</b>	<b>528</b>	<b>567</b>	<b>647</b>	<b>143</b>
<b>Europe:</b>						
Austria.....		46		51		48
Belgium and Luxembourg.....	60	120	93	141	110	170
Denmark.....	2	12	2	12	2	12
France.....	9	167	7	183	7	187
Germany, Fed. Rep. of.....	37	144	29	146	25	150
Greece.....	5		9	2	5	
Italy.....	475	175	553	96	475	375
Netherlands.....	109	164	150	200	170	230
Norway.....		5		5		5
Portugal.....		75		20		110
Spain.....	59		55		65	
Sweden.....		24	2	23		25
Switzerland.....		22		24		22
United Kingdom.....	45	175	2	141	5	145
<b>Total Western Europe.....</b>	<b>801</b>	<b>1,129</b>	<b>902</b>	<b>1,044</b>	<b>864</b>	<b>1,479</b>
<b>Germany, Dem. Rep. of.....</b>						
		44		44		44
<b>Hungary.....</b>						
		21		23		24
<b>Poland.....</b>						
		88		93		100
<b>Romania.....</b>						
		67		67		70
<b>Yugoslavia.....</b>						
		8		8		20
<b>Soviet Union.....</b>						
	20	631	50	694	50	1,000
<b>Total Eastern Europe.....</b>	<b>20</b>	<b>859</b>	<b>50</b>	<b>929</b>	<b>50</b>	<b>1,258</b>
<b>Africa:</b>						
Algeria.....		10		23		10
Angola.....		20		30		30
Zaire.....		32		15		50
Gambia.....		25		26		30
Ghana.....		36		30		33
Guinea.....		73		60		50
Ivory Coast.....		218		259		350
Liberia.....		70		85		104
Madagascar.....	3	175	1	177	1	193

See footnotes at end of table.

Table 37.—Rice, milled equivalent: <sup>1</sup> International trade, 1979-81<sup>2</sup>—Continued

Continent and country	1979		1980		1981 <sup>3</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>						
Mauritius.....		86		75		68
Mozambique.....		80		84		100
Nigeria.....		241		387		658
Senegal and Mauritania.....		309		317		380
Sierra Leone.....		90		42		30
South Africa.....		121		112		115
Egypt.....	95		178		134	
Tanzania.....		75		85		80
Total.....	98	1,661	179	1,807	135	2,281
<b>Asia:</b>						
Bangladesh.....		602		191		75
Saudi Arabia.....		496		475		500
Israel.....		48		43		33
Jordan.....		24	12	47		35
Lebanon.....	1	21		22		25
Turkey (Europe and Asia).....		10		10		40
Iraq.....		300		379		350
Syria.....		96		94		100
Iran.....		371		500		600
Burma.....	590		675		750	
Sri Lanka.....		211		189		175
China.....	1,095	71	1,000	18	600	60
Taiwan.....	409		261	1	92	13
Hong Kong.....	3	361		359		360
India.....	3	375	5	425	75	900
Kampuchea.....		150		250		125
Laos.....		70		53		50
Vietnam.....		250	80	127	40	100
Indonesia.....		1,934	141	2,040	61	543
Japan.....	564	20	653	20	776	80
Korea, Rep. of.....		355		757		2,212
Korea, Dem. People's Rep.....	224		274		300	
Malaysia.....		233		173		235
Singapore.....	16	214	27	187	20	200
Pakistan.....	1,366		968		1,100	
Philippines.....	127		231		93	
Thailand.....	2,696		2,700		3,049	
Total.....	7,094	6,212	6,900	6,360	6,956	6,811
<b>Oceania:</b>						
Australia.....	400	1	321	1	425	1
Total.....	11,145	11,141	11,867	11,246	12,085	12,447
<b>Other countries</b>						
	523	554	631	652	911	289
World total.....	11,668	11,695	12,498	11,898	12,996	12,736

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled.<sup>2</sup> Calendar year.<sup>3</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.

Table 38.—Food grains: Average price, selected markets and grades, 1965-80<sup>1</sup>

Crop year <sup>2</sup>	Kansas City			Minneapolis			Portland Wheat No. 1 Soft White	St. Louis Wheat, No. 2 Soft Red Winter
	Wheat, No. 1 Hard Winter, Ordinary Protein	Wheat, No. 1 Hard Winter, 13% protein	Wheat, No. 1 Soft Red Winter	Wheat, No. 1 Hard Amber Durum	Wheat, No. 1 Dark Northern Spring, 14% protein <sup>3</sup>	Rye, No. 2		
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1965	1.63	1.77	n.a.	1.77	1.78	1.15	1.53	1.64
1966	1.82	1.87	n.a.	1.94	1.96	1.19	1.76	1.77
1967	1.57	1.60	n.a.	2.02	1.72	1.15	1.62	1.47
1968	1.38	1.57	n.a.	1.95	1.60	1.17	1.47	1.32
1969	1.42	1.65	n.a.	1.69	1.71	1.13	1.49	1.43
1970	1.56	1.70	n.a.	1.79	1.81	1.13	1.70	1.60
1971	1.57	1.63	n.a.	1.70	1.59	1.00	1.60	1.49
1972	2.33	2.38	n.a.	2.33	2.22	1.11	2.48	2.24
1973	4.51	4.58	n.a.	6.40	5.03	2.51	4.71	4.51
1974	4.20	4.64	4.12	6.53	4.85	2.89	4.44	4.11
1975	3.74	4.16	3.52	5.05	4.42	2.84	3.88	3.46
1976	2.88	3.18	2.70	3.19	3.35	2.87	3.10	2.77
1977	2.72	2.81	2.54	3.31	2.88	2.53	3.09	2.54
1978	3.38	3.41	3.34	3.60	3.35	2.44	3.73	3.43
1979	4.25	4.34	4.04	4.99	4.21	2.47	4.22	4.10
1980	4.45	4.50	4.23	6.39	4.71	3.35	4.36	4.39

  

Crop year <sup>2</sup>	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	San Francisco Milled Rice Short	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice	
				Medium	Long	Medium	Long	Medium	Long
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
1965	1.64	1.40	10.00	8.20	10.00	8.10	9.90	8.15	10.05
1966	1.76	1.59	10.05	8.20	9.95	8.20	9.90	8.35	10.00
1967	1.46	1.32	10.25	8.44	9.90	8.65	10.05	8.65	10.05
1968	1.30	1.14	10.55	8.73	9.55	8.55	9.90	8.50	9.80
1969	1.43	1.21	10.50	8.50	9.60	8.60	10.00	8.65	9.90
1970	1.67	1.25	10.62	8.54	9.83	8.95	10.10	8.90	10.10
1971	1.57	1.26	11.09	8.71	9.95	9.25	10.25	9.10	10.20
1972	2.31	1.92	12.42	8.87	14.34	13.45	14.35	13.55	14.45
1973	4.84	4.00	24.20	26.40	30.40	26.70	30.80	27.40	31.75
1974	4.16	3.76	25.40	20.05	21.55	21.15	22.40	19.90	22.05
1975	3.54	3.33	20.65	15.85	17.20	17.10	18.10	17.35	18.35
1976	2.81	2.38	15.15	13.30	14.60	14.40	15.30	14.10	14.95
1977	2.56	2.16	20.25	20.55	21.40	19.10	21.25	20.60	21.75
1978	3.57	2.77	18.25	16.00	18.20	15.40	18.40	16.65	18.85
1979	4.24	3.54	22.00	21.40	22.05	21.50	22.25	22.05	22.40
1980	4.33	3.78							

<sup>1</sup> Simple average of daily prices.

<sup>2</sup> For wheat and rye, crop year begins in July for 1965-72, June for 1973-80. For rice, crop year begins in August.

<sup>3</sup> For 1965-72, 13% protein.

Agricultural Marketing Service.

Table 39.—Corn: Area, yield, production, disposition, and value, United States, 1965-81

Year	Area planted, all purposes	Corn for grain						Corn for silage			Forage area harvested <sup>2</sup>	
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>1</sup>	Value of production <sup>1</sup>	Area harvested	Yield per harvested acre		Production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1965	65,171	55,392	74.1	4,102,867	2,088,960	2,013,907	1.16	4,754,199	8,054	10.5	84,447	1,170
1966	66,347	57,002	73.1	4,167,608	2,062,355	2,105,253	1.24	5,170,973	7,934	11.3	89,683	931
1967	71,156	60,694	80.1	4,860,372	2,262,657	2,597,715	1.03	5,044,235	8,363	11.3	94,783	977
1968	65,126	55,980	79.5	4,449,542	2,094,679	2,354,863	1.08	4,825,623	7,879	11.9	93,652	746
1969	64,264	54,574	85.9	4,687,057	2,129,590	2,557,467	1.16	5,415,997	7,892	12.6	99,161	597
1970	66,863	57,358	72.4	4,152,243	1,888,552	2,263,691	1.33	5,514,702	8,078	11.6	94,084	650
1971	74,179	64,123	88.1	5,646,260	2,446,467	3,199,793	1.08	6,101,055	8,814	12.4	109,302	694
1972	67,126	57,513	97.0	5,579,832	2,328,020	3,251,812	1.57	8,743,036	8,351	13.1	109,343	520
1973	72,253	62,143	91.3	5,670,712	2,217,479	3,543,233	2.55	14,462,744	9,023	12.7	114,267	567
1974	77,935	65,405	71.9	4,701,402	1,754,693	2,946,709	3.02	14,231,557	10,844	10.7	115,705	626
1975	78,719	67,625	86.4	5,840,757	2,121,088	3,719,669	2.54	14,817,840	9,848	11.8	116,087	560
1976	84,588	71,506	88.0	6,289,169	2,329,332	3,959,837	2.15	13,524,134	11,281	10.5	118,547	855
1977	84,328	71,614	90.8	6,505,041	2,548,330	3,956,711	2.02	13,107,420	9,314	12.6	117,743	609
1978	81,675	71,930	101.0	7,267,927	2,835,821	4,432,106	2.25	16,280,688	8,624	13.7	118,132	433
1979	81,393	72,400	109.7	7,938,819	2,976,268	4,962,551	2.52	19,904,013	7,995	14.4	114,860	388
1980	84,047	73,030	91.0	6,644,841	( <sup>3</sup> )	( <sup>3</sup> )	3.11	20,571,244	9,241	12.0	110,973	584
1981 <sup>4</sup>	84,153	74,624	109.9	8,200,951	( <sup>3</sup> )	( <sup>3</sup> )	2.45	20,000,805	8,211	14.1	116,183	372

<sup>1</sup>Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable. <sup>2</sup>Includes hogged or grazed and that cut and fed without removing grain. <sup>3</sup>Estimates discontinued. <sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 40.—Corn: Stocks on and off farms, United States, 1965–81

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</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>
1965.....	2,737,489	1,866,476	1,243,125	581,498	1,137,392	938,763	650,332	565,593
1966.....	3,096,601	2,129,392	1,327,409	531,157	956,475	740,542	459,284	310,538
1967.....	2,928,817	2,063,306	1,348,923	572,233	778,619	671,090	405,683	254,075
1968.....	3,453,956	2,433,095	1,670,424	788,195	866,061	809,946	530,578	380,493
1969.....	3,310,694	2,244,312	1,498,284	732,270	957,921	818,165	582,597	386,125
1970.....	3,390,099	2,263,432	1,425,733	575,630	993,137	767,827	519,562	429,593
1971.....	2,755,306	1,875,370	1,178,821	426,712	1,013,479	670,220	393,556	240,027
1972.....	3,555,260	2,485,085	1,590,106	751,949	1,149,084	898,109	584,022	374,980
1973.....	3,692,724	2,387,458	1,374,066	403,918	1,141,455	954,964	564,315	303,960
1974.....	3,371,270	2,020,081	1,067,098	288,737	1,116,424	849,794	380,541	195,125
1975.....	2,560,883	1,522,900	811,014	193,194	1,080,024	704,911	345,658	168,193
1976.....	3,203,242	1,923,759	1,292,185	233,193	1,270,300	912,996	576,640	166,459
1977.....	3,357,995	2,141,623	1,582,768	447,846	1,544,023	1,159,329	787,263	438,019
1978.....	3,873,623	2,549,170	1,872,359	666,727	1,678,678	1,360,245	988,779	444,708
1979.....	4,637,665	3,177,893	2,318,006	794,465	1,681,483	1,322,484	969,208	509,460
1980.....	5,041,691	3,441,012	2,577,785	920,881	1,844,448	1,416,321	1,092,648	696,597
1981.....	4,141,465	2,641,140 <sup>4</sup>	1,818,348	490,134	1,717,309	1,346,138	955,897	543,843
1982 <sup>4</sup> .....	4,965,440	3,569,737			1,933,209	1,504,363		

<sup>1</sup> Prior to 1976, estimates are for July 1.<sup>2</sup> Old crop only.<sup>3</sup> Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 41.—Corn: Supply and disappearance, United States, 1965–81

Year beginning October	Supply				Disappearance						Ending stocks Sept. 30		
	Beginning stocks	Production	Imports	Total	Domestic use*			Exports	Total disappearance	Private-ly held <sup>1</sup>	Government <sup>2</sup>	Total	
					Feed and residu-al	Food, alcohol, and seed	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>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	
1965.....	1,147	4,103	1	5,251	3,362	360	3,722	687	4,409	749	93	842	
1966.....	842	4,168	1	5,011	3,334	364	3,698	487	4,185	690	136	826	
1967.....	826	4,860	1	5,687	3,523	362	3,885	633	4,518	990	179	1,169	
1968.....	1,169	4,450	1	5,620	3,607	359	3,966	536	4,502	823	290	1,118	
1969.....	1,118	4,687	1	5,806	3,824	365	4,189	612	4,801	808	197	1,005	
1970.....	1,005	4,152	4	5,161	3,592	385	3,977	517	4,494	570	97	667	
1971.....	667	5,646	1	6,314	3,982	409	4,391	796	5,187	971	156	1,127	
1972.....	1,127	5,580	1	6,708	4,292	450	4,742	1,258	6,000	704	4	708	
1973.....	708	5,671	1	6,380	4,181	472	4,653	1,243	5,896	484	0	484	
1974.....	484	4,701	2	5,187	3,180	497	3,677	1,149	4,826	361	0	361	
1975.....	361	5,841	2	6,204	3,570	523	4,093	1,711	5,804	400	0	400	
1976.....	400	6,289	2	6,691	3,571	550	4,121	1,684	5,805	886	0	886	
1977.....	886	6,505	3	7,394	3,744	591	4,335	1,948	6,283	1,098	13	1,111	
1978.....	1,111	7,288	1	8,380	4,323	620	4,943	2,133	7,076	1,204	100	1,304	
1979.....	1,304	7,939	1	9,244	4,519	675	5,194	2,433	7,627	1,361	256	1,617	
1980.....	1,617	6,645	1	8,263	4,139	735	4,874	2,355	7,229	796	238	1,034	
1981 <sup>3</sup> .....	1,034	8,201	1	9,236	4,250	785	5,035	2,125	7,160			2,076	

<sup>1</sup> Includes total Government loans (original and resale).<sup>2</sup> Uncommitted Government inventory only.<sup>3</sup> Preliminary.<sup>4</sup> Revisions 1971 to date based on U.S. Bureau of the Census, *Census of Manufacturers*.  
Economic Research Service.

Table 42.—Corn: Area, yield, and production, by States, 1979-81

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	570	540	700	502	423	620	61.0	36.0	55.0	30,622	15,228	34,100
Ariz.....	60	55	55	45	40	35	115.0	100.0	130.0	5,175	4,000	4,550
Ark.....	50	60	65	35	37	49	58.0	28.0	65.0	2,030	1,036	3,185
Calif.....	430	450	470	260	270	275	117.0	135.0	130.0	30,420	36,450	35,750
Colo.....	1,015	970	990	760	760	790	127.0	118.0	137.0	96,520	89,680	108,230
Conn. <sup>2</sup> .....	55	56	57									
Del.....	172	190	196	159	177	181	102.0	72.0	83.0	16,218	12,744	15,023
Fla.....	401	410	451	339	328	327	53.0	47.0	55.0	17,967	15,416	17,985
Ga.....	1,670	1,600	1,600	1,550	1,300	1,380	65.0	42.0	50.0	100,750	54,600	69,000
Idaho.....	143	146	147	50	50	62	88.0	105.0	110.0	4,400	5,250	6,820
Ill.....	11,300	11,700	11,500	11,050	11,460	11,260	128.0	93.0	129.0	1,414,400	1,065,780	1,452,540
Ind.....	6,250	6,450	6,250	6,030	6,280	6,000	112.0	96.0	109.0	675,360	602,880	654,000
Iowa.....	13,750	14,000	14,300	13,100	13,300	13,700	127.0	110.0	127.0	1,663,700	1,463,000	1,739,900
Kans.....	1,750	1,700	1,450	1,470	1,180	12,600	117.0	94.0	126.0	171,990	110,920	158,760
Ky.....	1,440	1,650	1,680	1,300	1,480	1,490	102.0	70.0	100.0	132,600	103,600	149,000
La.....	57	50	45	41	30	33	54.0	46.0	73.0	2,214	1,380	2,409
Maine. <sup>2</sup> .....	45	45	44									
Md.....	697	750	775	595	640	690	99.0	72.0	105.0	58,905	46,080	72,450
Mass. <sup>2</sup> .....	44	45	46									
Mich.....	2,900	2,950	3,200	2,500	2,600	2,850	95.0	95.0	96.0	237,500	247,000	273,600
Minn.....	6,900	7,250	7,700	6,060	6,290	6,770	100.0	97.0	110.0	606,000	610,130	744,700
Miss.....	190	170	180	110	88	115	52.0	28.0	56.0	5,720	2,464	6,440
Mo.....	2,500	2,600	2,100	2,330	2,070	1,940	103.0	53.0	110.0	239,990	109,710	213,400
Mont.....	85	85	86	10	8	10	77.0	74.0	85.0	770	592	850
Nebr.....	7,600	7,800	7,500	7,150	7,100	6,980	115.0	85.0	115.0	822,250	603,500	802,700
N.H. <sup>2</sup> .....	28	29	30									
N.J.....	137	158	170	95	118	125	90.0	75.0	99.0	8,550	8,850	12,375
N. Mex.....	106	115	100	74	85	75	109.0	85.0	120.0	8,066	7,255	9,000
N.Y.....	1,300	1,350	1,440	650	730	800	92.0	93.0	93.0	59,800	67,890	74,400
N.C.....	1,850	1,900	2,000	1,690	1,730	1,830	76.0	60.0	77.0	128,440	103,800	140,910
N. Dak.....	590	700	900	313	290	513	76.0	58.0	81.0	23,788	16,820	41,553
Ohio.....	3,850	4,150	4,100	3,630	3,900	3,750	115.0	113.0	96.0	417,450	440,700	360,000
Okl.....	125	125	110	75	75	55	110.0	70.0	70.0	8,250	5,250	3,850
Oreg.....	47	47	53	12	13	22	105.0	110.0	125.0	1,260	1,430	2,750
Pa.....	1,725	1,800	1,870	1,280	1,280	1,400	95.0	75.0	96.0	121,600	96,000	134,400
R.I. <sup>2</sup> .....	4	5	5									
S.C.....	570	585	645	509	515	570	80.0	48.0	58.0	40,720	24,720	33,060
S. Dak.....	3,440	3,480	3,400	2,850	2,300	2,580	74.0	53.0	70.0	210,900	121,900	180,600
Tenn.....	750	810	770	620	640	640	85.0	46.0	86.0	52,700	29,440	55,040
Tex.....	1,400	1,500	1,150	1,260	1,300	1,090	105.0	90.0	117.0	132,300	117,000	127,530
Utah.....	96	100	90	16	15	15	94.0	100.0	110.0	1,504	1,500	1,650
Vt. <sup>2</sup> .....	108	111	113									
Va.....	810	830	820	615	595	625	83.0	55.0	90.0	51,045	32,725	56,250
Wash.....	148	145	160	97	88	103	123.0	125.0	125.0	11,931	11,000	12,875
W. Va.....	98	98	102	59	58	68	89.0	89.0	92.0	5,251	5,162	6,256
Wis.....	4,050	4,200	4,450	3,080	3,350	3,500	103.0	104.0	108.0	317,240	348,400	378,000
Wyo.....	87	87	88	29	37	46	87.0	97.0	110.0	2,523	3,589	5,060
U.S.....	81,393	84,047	84,153	72,400	73,030	74,624	109.7	91.0	109.9	7,938,819	6,644,841	8,200,951

<sup>1</sup> Preliminary.<sup>2</sup> All acreage harvested is for silage.

Statistical Reporting Service.



Table 43.—Corn: Utilization for silage and forage, by States, 1979-81

State	Silage									Forage area harvested <sup>1</sup>		
	Area harvested			Yield per acre			Production			1979	1980	1981 <sup>2</sup>
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>			
1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	
Ala.....	46	46	48	11.5	7.5	12.0	529	345	576	11	11	12
Ariz.....	12	14	18	22.0	21.0	21.0	264	294	378	2	1	2
Ark.....	8	9	9	10.0	8.0	12.0	80	72	108	3	4	3
Calif.....	168	178	193	22.0	21.0	20.5	3,696	3,738	3,957	2	2	2
Colo.....	240	193	186	20.0	18.5	21.0	4,800	3,571	3,906	5	6	4
Conn.....	53	54	55	14.5	17.0	18.0	769	918	990			
Del.....	11	10	12	15.5	13.8	12.2	171	138	146	1	1	1
Fla.....	19	28	35	13.5	13.0	13.5	257	364	446	29	29	35
Ga.....	84	88	81	13.0	10.0	11.5	1,092	880	932	13	24	27
Idaho.....	90	93	83	19.5	18.5	19.6	1,755	1,721	1,627	2	2	1
Ill.....	230	210	180	16.0	14.0	16.0	3,680	2,940	2,880	10	10	10
Ind.....	134	130	163	16.5	14.5	15.0	2,211	1,885	2,445	18	14	18
Iowa.....	600	640	500	17.5	14.8	16.5	10,500	9,472	8,250	30	10	30
Kans.....	245	404	170	16.0	9.0	17.0	3,920	3,636	2,890	5	43	3
Ky.....	115	152	168	17.0	13.0	16.0	1,955	1,976	2,688	5	8	8
La.....	13	12	9	11.0	10.0	14.0	143	120	126	1	2	1
Maine.....	41	39	39	13.5	15.0	15.0	554	585	585			
Md.....	97	104	81	15.5	13.8	16.0	1,504	1,435	1,296	4	4	3
Mass.....	39	40	39	17.0	17.0	20.0	663	680	780			
Mich.....	370	325	320	13.5	13.5	13.0	4,995	4,388	4,160	15	10	10
Minn.....	750	880	810	13.5	12.0	13.5	10,125	10,560	10,935	30	30	20
Miss.....	72	62	56	12.5	10.0	13.5	900	620	756	4	5	4
Mo.....	115	316	111	13.5	7.5	14.0	1,553	2,370	1,554	25	78	13
Mont.....	68	70	71	16.0	17.5	17.0	1,088	1,225	1,207	4	4	3
Nebr.....	400	595	465	15.5	11.5	16.0	6,200	6,843	7,440	20	35	15
N.H.....	24	25	25	15.0	16.5	19.0	360	413	475			
N.J.....	39	36	42	15.0	13.5	15.0	585	486	630	2	2	2
N. Mex.....	28	26	22	17.5	14.0	22.0	490	364	484	2	1	1
N.Y.....	625	600	600	13.5	14.5	14.5	8,437	8,700	8,700	5	10	10
N.C.....	130	140	145	14.5	11.5	14.5	1,885	1,610	2,103	10	8	8
N. Dak.....	252	326	366	6.7	4.3	7.3	1,688	1,402	2,672	15	39	14
Ohio.....	192	215	285	15.0	14.5	14.0	2,880	3,118	3,990	8	5	5
Okla.....	41	36	40	16.0	13.0	16.0	656	468	640	4	4	5
Oreg.....	32	31	29	22.0	21.0	23.0	704	651	667	1	1	1
Pa.....	430	498	455	15.0	12.6	16.2	6,450	6,275	7,371	5	7	6
R.I.....	4	4	4	14.0	14.0	18.0	56	56	72			
S.C.....	44	41	42	13.5	10.5	12.5	594	431	525	10	11	11
S. Dak.....	520	1,010	745	7.8	5.3	5.8	4,056	5,353	4,321	20	97	35
Tenn.....	116	150	118	16.5	11.5	16.5	1,914	1,725	1,947	6	7	6
Tex.....	105	105	36	16.5	16.0	17.0	1,733	1,680	612	14	20	4
Utah.....	76	79	70	19.5	19.0	19.5	1,482	1,501	1,365	2	3	2
Vt.....	98	93	92	15.0	16.0	16.0	1,470	1,488	1,472			
Va.....	180	220	190	15.0	11.5	15.0	2,700	2,530	2,850	9	6	3
Wash.....	50	57	57	22.0	21.0	22.0	1,100	1,197	1,254	1	0	0
W. Va.....	35	37	32	15.0	15.5	15.5	525	574	496	2	1	1
Wis.....	900	775	874	12.0	12.2	13.5	10,800	9,455	11,799	30	25	32
Wyo.....	54	45	40	16.5	16.0	17.0	891	720	680	3	4	1
U.S.....	7,995	9,241	8,211	14.4	12.0	14.1	114,860	110,973	116,183	388	584	372

<sup>1</sup>Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 44.—Corn: Production, disposition, and value, by States, crop of 1981  
(preliminary)

State	Production for grain	Used on farms where produced <sup>1</sup>	Sold <sup>1</sup>	Season average price per bushel	Value of—	
					Production	Sales <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ala.....	34,100			2.80	95,480	
Ariz.....	4,550			3.10	14,105	
Ark.....	3,185			2.85	9,077	
Calif.....	35,750			3.40	121,550	
Colo.....	108,230			2.50	270,575	
Del.....	15,023			3.20	48,074	
Fla.....	17,985			2.85	51,257	
Ga.....	69,000			2.75	189,750	
Idaho.....	6,820			3.25	22,165	
Ill.....	1,452,540			2.50	3,631,350	
Ind.....	654,000			2.35	1,536,900	
Iowa.....	1,739,900			2.35	4,088,765	
Kans.....	158,760			2.55	404,838	
Ky.....	149,000			2.50	372,500	
La.....	2,409			3.10	7,468	
Md.....	72,450			3.30	239,085	
Mich.....	273,600			2.35	642,960	
Minn.....	744,700			2.25	1,675,575	
Miss.....	6,440			3.20	20,608	
Mo.....	213,400			2.40	512,160	
Mont.....	850			3.30	2,805	
Nebr.....	802,700			2.50	2,006,750	
N.J.....	12,375			2.60	32,175	
N. Mex.....	9,000			2.80	25,200	
N.Y.....	74,400			2.50	186,000	
N.C.....	140,910			2.65	373,412	
N. Dak.....	41,553			2.30	95,572	
Ohio.....	360,000			2.45	882,000	
Okla.....	3,850			3.00	11,550	
Oreg.....	2,750			3.00	8,250	
Pa.....	134,400			2.60	349,440	
S.C.....	33,060			2.45	80,997	
S. Dak.....	180,600			2.20	397,320	
Tenn.....	55,040			2.70	148,608	
Tex.....	127,580			2.90	369,837	
Utah.....	1,650			3.50	5,775	
Va.....	56,250			2.70	151,875	
Wash.....	12,875			3.05	39,269	
W. Va.....	6,256			2.65	16,578	
Wis.....	378,000			2.25	850,500	
Wyo.....	5,060			2.50	12,650	
U.S.....	8,200,951			2.45	20,000,805	

<sup>1</sup> Estimates discontinued.  
Statistical Reporting Service.

Table 45.—Corn: Area, yield per hectare, and production in specified countries, 1979–81<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	893	958	1,058	5.58	5.67	5.87	4,983	5,434	6,214
Costa Rica.....	39	30	32	1.46	1.43	1.47	57	43	47
Cuba.....	30	30	30	.67	.67	.67	20	20	20
Dominican Republic.....	19	21	24	2.11	2.10	2.08	40	44	50
El Salvador.....	276	292	260	1.89	1.80	1.87	523	527	487
Guatemala.....	664	644	713	1.57	1.40	1.40	1,041	902	997
Haiti.....	245	250	250	.92	1.18	1.00	225	295	250
Honduras.....	348	340	340	.96	.99	1.14	333	337	388
Jamaica.....	11	13	13	1.27	.54	.62	14	7	8
Mexico.....	7,600	8,100	8,600	1.21	1.28	1.33	9,200	10,400	11,400
Nicaragua.....	168	234	220	1.03	.81	.91	173	190	200
Panama.....	66	66	70	.95	.95	.97	63	63	68
Trinidad and Tobago.....	3	3	3	1.67	1.67	1.67	5	5	5
United States.....	29,300	29,555	30,260	6.88	5.71	6.90	201,655	168,787	208,314
<b>Total.....</b>	<b>39,662</b>	<b>40,536</b>	<b>41,813</b>	<b>5.50</b>	<b>4.61</b>	<b>5.46</b>	<b>218,332</b>	<b>187,054</b>	<b>228,448</b>
<b>South America:</b>									
Argentina.....	2,490	3,450	3,000	2.57	3.71	3.50	6,400	12,800	10,500
Bolivia.....	240	240	240	1.25	1.27	1.29	300	305	310
Brazil.....	11,621	12,810	13,600	1.74	1.76	1.74	20,214	22,555	23,600
Chile.....	130	116	125	3.76	3.49	3.92	489	405	490
Colombia.....	612	614	629	1.44	1.39	1.27	881	854	800
Ecuador.....	120	135	137	1.54	1.66	1.80	185	224	246
Guyana.....	4	6	5	.75	1.00	1.00	3	6	5
Paraguay.....	400	415	265	1.50	1.49	1.70	600	620	450
Peru.....	360	320	340	1.67	1.38	1.74	600	440	590
Uruguay.....	130	140	180	.85	1.29	1.11	110	181	200
Venezuela.....	535	435	301	1.04	1.52	1.00	556	661	300
<b>Total.....</b>	<b>16,642</b>	<b>18,681</b>	<b>18,822</b>	<b>1.82</b>	<b>2.09</b>	<b>1.99</b>	<b>30,338</b>	<b>39,051</b>	<b>37,491</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	6	6	4	6.17	6.50	6.25	37	39	25
France.....	1,997	1,757	1,571	5.22	5.33	5.73	10,427	9,358	9,000
Germany, Fed. Rep. of.....	115	119	129	6.44	5.64	6.45	741	671	832
Greece.....	122	163	161	5.99	7.56	8.45	731	1,233	1,360
Italy.....	936	936	1,022	6.62	6.84	7.53	6,197	6,403	7,700
Netherlands.....	1	1	.....	2.00	1.00	.....	2	1	.....
<b>Total EC.....</b>	<b>3,177</b>	<b>2,982</b>	<b>2,887</b>	<b>5.71</b>	<b>5.94</b>	<b>6.55</b>	<b>18,135</b>	<b>17,705</b>	<b>18,917</b>
Austria.....	188	193	195	7.16	6.70	7.50	1,347	1,293	1,462
Portugal.....	376	370	360	1.23	1.32	1.02	461	489	367
Spain.....	467	453	436	4.74	5.07	5.00	2,212	2,297	2,178
Switzerland.....	18	20	17	7.50	4.55	7.53	135	91	128
<b>Total Western Europe.....</b>	<b>4,226</b>	<b>4,018</b>	<b>3,895</b>	<b>5.27</b>	<b>5.44</b>	<b>5.92</b>	<b>22,290</b>	<b>21,875</b>	<b>23,052</b>
Albania.....	125	125	125	1.68	1.68	2.08	210	210	260
Bulgaria.....	666	579	590	4.84	3.78	3.81	3,223	2,187	2,250
Czechoslovakia.....	206	163	170	4.61	4.29	3.82	949	700	650
German Dem. Rep.....	1	1	1	6.00	4.00	4.00	6	4	4
Hungary.....	1,352	1,272	1,250	5.40	5.03	5.44	7,307	6,400	6,800
Poland.....	46	18	20	3.93	3.22	3.95	181	58	79
Romania.....	3,311	3,288	3,100	3.75	3.39	3.39	12,425	11,153	10,500
Yugoslavia.....	2,251	2,202	2,317	4.48	4.23	4.21	10,084	9,316	9,766
<b>Total Eastern Europe.....</b>	<b>7,958</b>	<b>7,648</b>	<b>7,573</b>	<b>4.32</b>	<b>3.93</b>	<b>4.00</b>	<b>34,385</b>	<b>30,028</b>	<b>30,309</b>
<b>Total Europe.....</b>	<b>12,184</b>	<b>11,666</b>	<b>11,468</b>	<b>4.65</b>	<b>4.45</b>	<b>4.65</b>	<b>56,675</b>	<b>51,903</b>	<b>53,361</b>
<b>Soviet Union (Europe and Asia)</b>									
.....	2,667	2,977	2,800	3.15	3.18	3.00	8,400	9,454	8,400
<b>Africa:</b>									
Algeria.....	1	1	1	1.00	1.00	1.00	1	1	1
Angola.....	600	600	500	.58	.53	.50	350	320	350
Benin.....	385	385	385	.84	.78	.84	325	300	325
Botswana.....	21	46	50	.10	.26	.30	2	12	15
Burundi.....	170	165	170	1.00	1.00	1.00	170	165	170
Cameroon.....	340	340	345	1.41	1.44	1.45	480	490	500
Egypt.....	803	802	714	3.66	4.03	3.81	2,938	3,230	2,720
Ethiopia.....	900	900	900	1.11	1.08	1.09	1,000	975	980
Ghana.....	340	340	350	1.12	1.15	1.20	380	390	420
Ivory Coast.....	565	570	575	.49	.50	.50	275	284	290
Kenya.....	1,080	1,100	1,275	1.34	1.59	1.73	1,450	1,750	2,200
Lesotho.....	112	100	100	1.12	.95	1.00	125	95	100
Madagascar.....	120	128	120	1.09	1.08	1.08	131	138	130
Malawi.....	1,000	1,200	1,200	1.10	.92	1.08	1,100	1,100	1,300

See footnotes at end of table.

Table 45.—Corn: Area, yield, and production in specified countries, 1979-81<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Africa—Continued</b>									
Mali.....	90	90	90	0.67	0.67	0.67	60	60	60
Morocco.....	416	411	360	.75	.81	.25	312	333	90
Mozambique.....	500	550	550	.60	.55	.64	300	300	350
Nigeria.....	1,850	1,900	1,940	.90	.91	.91	1,670	1,720	1,770
Rivanda.....	65	65	70	1.08	1.08	1.07	70	70	75
Senegal.....	51	70	50	.88	.76	1.00	45	53	50
Somali, Dem. Rep.....	160	160	160	.50	.63	.63	80	100	100
South Africa.....	4,618	4,716	4,625	2.34	3.01	1.95	10,794	14,198	9,000
Tanzania.....	1,350	1,350	1,350	.74	.59	.67	1,000	800	900
Uganda.....	450	550	400	.89	.91	1.00	400	500	400
Zambia.....	336	540	570	1.00	.70	1.23	335	380	700
Zaire.....	610	610	610	.83	.82	.89	509	500	540
Zimbabwe.....	1,146	1,357	1,100	1.54	2.21	1.36	1,760	2,997	1,500
Total.....	18,124	19,131	18,650	1.44	1.64	1.34	26,117	31,358	25,036
<b>Asia:</b>									
Afghanistan.....	460	420	460	1.63	1.67	1.67	750	700	770
Bhutan.....	54	55	55	1.09	1.09	1.09	59	60	60
Burma.....	100	100	100	.85	.90	.95	85	90	95
Kampuchea.....	70	70	75	1.21	1.21	1.20	85	85	90
China.....	20,200	19,900	19,600	2.97	3.00	3.01	60,000	59,700	59,000
Taiwan.....	34	39	45	2.91	2.85	2.22	99	111	100
India.....	5,721	5,983	5,800	.98	1.14	1.03	5,603	6,804	6,000
Indonesia.....	2,594	2,771	2,950	1.39	1.45	1.46	3,606	4,012	4,300
Iran.....	42	45	45	1.36	1.33	1.33	57	60	60
Iraq.....	33	70	70	3.03	1.29	1.43	100	90	100
Israel.....		1	1		1.00	2.00		1	2
Japan.....	2	1	1	2.50	3.00	3.00	5	3	3
Jordan.....	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Dem. Peo. Rep. of.....	400	400	400	4.75	4.75	4.75	1,900	1,900	1,900
Korea, Rep. of.....	32	35	39	4.66	4.40	4.33	149	154	169
Lebanon.....	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia.....	7	7	8	1.14	1.14	1.13	8	8	9
Nepal.....	445	445	445	1.80	1.72	1.73	800	765	770
Pakistan.....	701	745	730	1.25	1.27	1.30	875	947	950
Philippines.....	3,365	3,426	3,450	.97	.95	.97	3,249	3,247	3,350
Saudi Arabia.....	16	16	17	1.56	1.69	1.76	25	27	30
Syria.....	18	32	32	1.89	1.88	2.06	34	60	66
Thailand.....	1,525	1,500	1,550	2.16	2.13	2.45	3,300	3,200	3,800
Turkey.....	585	583	580	2.31	2.13	2.24	1,350	1,240	1,300
Vietnam, Soc. Rep. of.....	460	460	460	1.13	1.13	1.13	520	520	520
Yemen (Sana).....	70	70	80	.86	1.14	1.13	60	80	90
Total.....	36,937	37,177	36,996	2.24	2.26	2.26	82,722	83,867	83,537
<b>Oceania:</b>									
Australia.....	54	44	55	2.80	2.68	2.64	151	118	145
New Zealand.....	22	21	24	8.68	8.90	8.13	191	187	195
Total.....	76	65	79	4.50	4.69	4.30	342	305	340
World total.....	126,292	130,233	130,628	3.35	3.09	3.34	422,926	402,992	436,613

<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 1981 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1981 and ends early in 1982.

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

<sup>3</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 Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 46.—Corn: Price-support operations, United States, 1965-82

Year beginning October	Support price		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		
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965	1.25	80	215	5.3	8	148
1966	1.30	81	263	6.4	13	139
1967	1.35	83	497	10.4	193	182
1968	1.35	82	404	9.2	36	<sup>5</sup> 290
1969	1.35	78	398	8.7	5	<sup>5</sup> 197
1970	1.35	76	324	7.7	7	<sup>5</sup> 97
1971	1.35	71	955	16.9	35	<sup>5</sup> 156
1972	1.41	70	420	7.5	1	<sup>5</sup> 4
1973	1.64	70	262	4.6		
1974	1.38	51	77	1.7		
1975	1.38	45	148	2.6		
1976	1.57	46	276	4.4		
1977	2.00	58	1,159	18.0	12	13
1978	2.10	56	641	9.0	81	100
1979	2.20	52	557	7.0	160	256
1980	<sup>7</sup> 2.35-2.05	51-44	840	12.6	1	<sup>6</sup> 238
1981	2.40	49	<sup>6</sup> 2,150	<sup>6</sup> 26.2	<sup>6</sup> 85	<sup>6</sup> 315
1982	2.70					

<sup>1</sup>Includes price-support payments, 30 cents from 1966 to 1970, and a guarantee of 32 cents in 1971, 40 cents in 1972, and 32 cents in 1973. Payments were made on a designated portion of the base. Loan level protection or 1974 and 1975 is \$1.10; for 1976, \$1.50; for 1977-78, \$2.00; for 1979, \$2.10; on entire production. For 1974-77, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program. <sup>2</sup>Percentage of parity price as of the beginning of the marketing year. <sup>3</sup>Represents loans made, purchases, and purchase agreements entered into. Percentage of production is on a grain basis. Includes deliveries from original program, the resale program and over-deliveries as determined by weight of farm-stored grain when delivered to CCC. For 1979, acquired through direct purchases by CCC. <sup>4</sup>Uncommitted CCC inventory. <sup>5</sup>Preliminary. <sup>6</sup>Producers who exceed their NCA will be eligible for the Lower Target price.

Agricultural Stabilization and Conservation Service.

Table 47.—Corn: United States exports (domestic), by country of destination, 1979 and 1980 <sup>2</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1979	1980		1979	1980
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Corn:			Corn—Continued		
Canada	596,633	551,358	India	13,842	19,948
Other Americas	7,989,648	7,447,760	Israel	562,091	546,884
Total Americas	8,586,281	7,999,118	Japan	11,193,048	12,585,862
Belgium and Luxembourg	1,622,233	2,065,087	Other Asia and Oceania	6,238,201	4,768,816
Germany, Fed. Rep. of	1,520,773	1,264,357	Egypt	873,567	1,129,048
Greece	1,119,153	718,182	Other Africa	1,309,692	1,636,220
Italy	2,072,095	1,858,886	Other countries	4,362,794	4,305,737
Netherlands	2,107,636	1,773,132	World total	61,417,307	59,368,190
Norway	36,457	64,594	Relief or charity <sup>2</sup>		
Spain	2,503,197	2,650,540			
United Kingdom	1,827,617	1,394,762			
Other Europe	15,468,630	14,587,015			
Total Europe	28,277,791	26,376,557			

<sup>1</sup>Year beginning Oct. 1. <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 48.—Oats: Area, yield, production, disposition, and value, United States, 1965–81

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965.....	24,046	18,522	50.2	929,554	614,801	314,753	0.622	587,414
1966.....	23,343	17,877	44.9	803,324	526,776	276,548	.666	539,808
1967.....	20,719	16,110	49.3	793,800	525,377	268,423	.659	528,034
1968.....	23,342	17,708	53.7	950,689	591,648	359,041	.598	575,848
1969.....	23,561	17,971	53.7	965,863	586,254	379,609	.584	572,321
1970.....	24,410	18,594	49.2	915,236	561,303	353,933	.623	582,225
1971.....	21,831	15,705	55.9	878,079	539,095	338,984	.604	543,715
1972.....	19,990	13,410	51.5	690,616	428,465	262,151	.724	507,202
1973.....	18,605	13,770	47.9	659,136	403,507	255,629	1.18	774,715
1974.....	17,013	12,608	47.6	600,655	389,016	211,639	1.53	912,010
1975.....	16,434	13,038	49.0	638,960	395,164	243,796	1.45	923,568
1976.....	16,620	11,884	45.7	540,441	350,349	190,092	1.56	895,180
1977.....	17,732	13,485	55.8	752,774	457,385	295,389	1.09	823,368
1978.....	16,407	11,126	52.3	581,657	365,615	216,042	1.20	688,625
1979.....	13,957	9,679	54.4	526,551	321,821	205,270	1.36	713,593
1980.....	13,377	8,652	53.0	458,263	( <sup>3</sup> )	( <sup>3</sup> )	1.79	811,833
1981 <sup>4</sup> .....	13,646	9,411	54.0	508,083	( <sup>3</sup> )	( <sup>3</sup> )	1.86	932,611

<sup>1</sup>Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.

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

<sup>3</sup>Estimates discontinued.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 49.—Oats: Stocks on and off farms, United States, 1965–81

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan 1	Apr. 1	June 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
1965.....	782,038	661,263	449,217	241,215	138,613	102,605	87,258	75,460
1966.....	678,804	557,581	355,033	199,294	156,250	105,110	87,895	71,346
1967.....	650,293	552,094	363,866	207,725	135,670	104,378	83,534	66,511
1968.....	791,680	668,396	448,085	278,688	154,655	123,227	109,377	99,949
1969.....	847,091	738,853	541,049	352,783	193,728	160,986	144,644	145,812
1970.....	857,908	710,715	509,312	315,938	246,292	210,771	199,540	200,822
1971.....	810,818	691,350	506,509	336,119	280,502	250,581	228,710	204,940
1972.....	681,046	558,177	378,809	229,986	249,036	220,117	206,575	180,974
1973.....	605,348	472,186	287,063	150,114	198,719	161,692	147,527	103,745
1974.....	497,668	380,064	233,313	119,303	155,720	122,512	89,865	65,307
1975.....	485,856	398,688	247,174	158,541	130,775	94,092	70,101	46,277
1976.....	417,306	337,132	210,649	128,692	112,445	73,477	47,459	35,603
1977.....	564,095	485,267	360,516	259,548	115,459	82,707	61,317	53,556
1978.....	530,881	465,769	317,307	229,267	115,008	80,570	64,291	50,703
1979.....	465,887	400,765	284,302	198,316	102,310	76,007	55,324	38,096
1980.....	395,305	329,314	211,747	148,871	89,342	61,684	44,363	28,011
1981 <sup>3</sup> .....	384,015	313,590	200,191	.....	73,738	51,075	36,315	.....

<sup>1</sup>Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.

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

<sup>3</sup>Preliminary.

Statistical Reporting Service.

Table 50.—Oats: Supply and disappearance, United States, 1965-81

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use*			Exports	Total disappearance	Privately held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed and residual	Food and seed	Total					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1965.....	325	930	4	1,259	742	105	847	34	881	341	37	378
1966.....	378	808	4	1,185	749	97	846	22	868	276	41	317
1967.....	317	794	3	1,114	685	101	786	12	798	271	45	316
1968.....	316	951	2	1,269	736	101	837	8	845	377	47	424
1969.....	424	966	2	1,392	735	104	839	5	844	468	80	548
1970.....	548	915	1	1,464	778	97	875	19	894	429	141	570
1971.....	570	878	3	1,451	739	94	833	21	854	423	174	597
1972.....	597	691	3	1,291	715	94	809	19	828	350	113	463
1973.....	463	659	( <sup>3</sup> )	1,122	669	89	758	57	815	282	25	307
1974.....	307	601	( <sup>3</sup> )	908	581	85	666	19	685	216	7	223
1975.....	223	639	1	863	558	86	644	14	658	205	0	205
1976.....	205	540	1	746	484	88	572	10	582	164	0	164
1977.....	164	753	2	919	509	85	594	12	606	313	0	313
1978.....	313	382	1	896	526	77	603	13	616	277	3	280
1979.....	280	527	1	808	492	76	568	4	572	233	3	236
1980.....	236	458	1	695	431	74	505	13	518	174	3	177
1981 <sup>1</sup> .....	177	508	1	686	435	75	510	10	520	.....	.....	166

<sup>1</sup>Includes total Government loans (original and resale).<sup>2</sup>Uncommitted Government only.<sup>3</sup>Less than 500,000 bushels.<sup>4</sup>Preliminary.<sup>5</sup>Revisions 1972 to date based on U.S. Bureau of the Census, *Census of Manufacturers*.

Economic Research Service.

Table 51.—Oats: Price-support operations, United States 1965-82

Year beginning July <sup>1</sup>	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC June 30 <sup>5</sup>
	Per bushel	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million bushels	Percent	Million bushels	Million bushels
1965.....	0.60	70	43.9	4.7	6.8	50.6
1966.....	.60	69	22.7	2.8	6.5	47.8
1967.....	.63	71	37.2	4.7	19.5	45.2
1968.....	.63	70	94.9	10.1	35.6	<sup>6</sup> 54.2
1969.....	.63	67	152.4	15.7	62.0	<sup>6</sup> 104.3
1970.....	.63	66	108.8	11.9	26.6	<sup>6</sup> 168.9
1971.....	.54	56	81.9	9.3	.7	<sup>6</sup> 178.1
1972.....	.54	54	31.8	4.6	.....	<sup>6</sup> 104.9
1973.....	.54	48	10.4	1.6	.....	<sup>6</sup> 23.9
1974.....	.54	43	3.9	.6	.....	<sup>6</sup> 5.8
1975.....	.54	38	3.9	.6	.....	.....
1976.....	.72	45	4.6	.8	.....	.....
1977.....	1.03	59	82.9	11.0	.....	.....
1978.....	1.03	54	25.1	4.2	1.3	2.7
1979.....	1.08	50	12.0	2.2	.2	2.7
1980.....	1.16/1.23	50	6.3	1.4	.....	2.3
1981.....	1.24/1.31	.....	11.0	2.2	.....	1.7
1982.....	<sup>6</sup> 1.31/1.49	.....	.....	.....	.....	.....

<sup>1</sup>Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.<sup>2</sup>Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup>Includes loans made, purchases, and purchase agreements entered into. Higher figure denotes reserve loan rate.<sup>4</sup>Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.<sup>5</sup>Uncommitted CCC inventory.<sup>6</sup>Preliminary.

Agricultural Stabilization and Conservation Service.

Table 52.—Oats: Area, yield, and production, by States, 1979-81

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	90	90	90	28	30	40	43.0	42.0	59.0	1,204	1,260	2,360
Ark.....	80	56	60	34	33	36	65.0	63.0	60.0	2,210	2,079	2,160
Calif.....	350	350	340	75	70	60	55.0	62.0	60.0	4,125	4,340	3,600
Colo.....	115	100	99	50	33	35	53.0	51.0	50.0	2,650	1,683	1,750
Ga.....	160	150	160	70	65	75	54.0	53.0	60.0	3,780	3,445	4,500
Idaho.....	63	62	62	44	46	46	52.0	65.0	60.0	2,280	2,990	2,760
Ill.....	345	280	255	260	230	205	60.0	61.0	66.0	15,600	14,030	13,530
Ind.....	140	120	115	105	90	85	61.0	65.0	65.0	6,405	5,850	5,525
Iowa.....	1,350	1,300	1,200	1,000	1,000	960	63.0	62.0	62.0	63,000	62,010	59,520
Kans.....	135	175	240	85	120	170	44.0	38.0	50.0	3,740	4,560	8,500
Ky.....	36	29	31	8	6	6	41.0	40.0	48.0	328	240	288
Maine.....	45	46	46	41	42	43	62.0	58.0	70.0	2,542	2,436	3,010
Md.....	22	22	23	17	19	20	55.0	59.0	55.0	935	1,121	1,100
Mich.....	330	355	360	310	335	340	61.0	60.0	62.0	18,910	20,100	21,080
Minn.....	1,650	1,650	1,600	1,490	1,450	1,430	57.0	57.0	63.0	84,930	82,650	90,090
Mo.....	90	100	190	45	46	90	45.0	43.0	51.0	2,025	1,978	4,590
Mont.....	321	220	220	125	73	110	39.0	44.0	44.0	4,875	3,212	4,840
Nebr.....	525	525	550	400	380	395	53.0	41.0	39.0	21,200	15,580	15,405
N.J.....	8	8	8	7	7	7	50.0	55.0	55.0	350	385	385
N.Y.....	330	320	325	290	280	280	62.0	64.0	64.0	17,980	17,920	17,920
N.C.....	180	160	170	95	75	83	57.0	54.0	53.0	5,415	4,050	4,399
N. Dak.....	1,050	1,050	1,200	840	450	960	44.0	30.0	46.0	36,960	13,500	44,160
Ohio.....	320	330	300	290	290	270	70.0	67.0	63.0	20,300	19,430	17,010
Okla.....	230	220	240	95	100	105	48.0	39.0	36.0	4,560	3,900	3,780
Oreg.....	115	125	130	60	60	65	67.0	69.0	70.0	4,020	4,140	4,550
Pa.....	360	360	375	335	340	345	55.0	56.0	58.0	18,425	19,040	20,010
S.C.....	110	83	95	59	40	48	56.0	49.0	46.0	3,304	1,960	2,208
S. Dak.....	2,300	2,200	2,250	1,888	1,500	1,640	50.0	44.0	43.0	94,400	66,000	70,520
Tenn.....	51	45	50	16	12	16	41.0	46.0	51.0	656	552	816
Tex.....	1,700	1,480	1,500	400	340	410	42.0	37.0	46.0	16,800	12,580	18,860
Utah.....	26	26	26	15	15	14	60.0	61.0	57.0	900	915	798
Va.....	63	50	48	25	20	20	49.0	45.0	47.0	1,225	900	940
Wash.....	69	75	72	33	30	32	53.0	62.0	50.0	1,749	1,860	1,600
W. Va.....	17	15	16	12	11	12	51.0	49.0	51.5	612	539	618
Wis.....	1,100	1,120	1,120	980	963	907	57.0	61.0	58.0	55,860	58,743	52,606
Wyo.....	81	80	80	52	51	51	44.0	45.0	45.0	2,288	2,295	2,295
U.S.....	13,957	13,377	13,646	9,679	8,652	9,411	54.4	53.0	54.0	526,551	458,263	508,083

<sup>1</sup>Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 53.—Oats and oatmeal: United States exports, by country of destination, 1979 and 1980 <sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1979	1980		1979	1980
	Metric tons	Metric tons		Metric tons	Metric tons
Oats:			Oatmeal: <sup>3</sup>		
Mexico.....	4,211	23,838	Mexico.....	391	590
Belgium and Luxembourg.....			Central America.....	1,182	742
Germany, Fed. Rep. of.....		11,716	Colombia.....		1
Italy.....	2,500	10,461	Ecuador.....		10
Netherlands.....	10,287	10,770	Venezuela.....	10	75
Switzerland.....	7,127		Other Americas.....	3,586	8,465
Other countries.....	43,875	64,027	Other countries.....	1,127	335
World total <sup>2</sup> .....	68,000	120,812	World total.....	6,299	10,219

<sup>1</sup>Year beginning Oct. 1.<sup>2</sup>Transshipments through Canada have been included in data for countries of ultimate destination.<sup>3</sup>In grain equivalent.

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



**Table 54.—Oats: Production, disposition, and value, by States, crop of 1981 (preliminary)**

State	Production <i>1,000 bushels</i>	Used on farms where produced <sup>1</sup> <i>1,000 bushels</i>	Sold <sup>1</sup> <i>1,000 bushels</i>	Season average price per bushel <i>Dollars</i>	Value of—	
					Production <i>1,000 dollars</i>	Sales <sup>1</sup> <i>1,000 dollars</i>
Ala.....	2,360			2.05	4,838	
Ark.....	2,160			2.10	4,536	
Calif.....	3,600			2.55	9,180	
Colo.....	1,750			2.15	3,763	
Ga.....	4,500			1.85	8,325	
Idaho.....	2,760			1.80	4,968	
Ill.....	13,530			1.85	25,031	
Ind.....	5,525			2.15	11,879	
Iowa.....	59,520			1.85	110,112	
Kans.....	8,500			1.95	16,575	
Ky.....	288			3.00	864	
Maine.....	3,010			1.40	4,214	
Md.....	1,100			2.15	2,365	
Mich.....	21,080			1.90	40,052	
Minn.....	90,090			1.80	162,162	
Mo.....	4,590			2.10	9,639	
Mont.....	4,840			1.80	8,712	
Nebr.....	15,405			1.90	29,270	
N.J.....	385			2.15	828	
N.Y.....	17,920			1.80	32,256	
N.C.....	4,399			1.90	8,358	
N. Dak.....	44,160			1.60	70,656	
Ohio.....	17,010			2.05	34,871	
Okla.....	3,780			2.20	8,316	
Oreg.....	4,550			2.00	9,100	
Pa.....	20,010			1.90	38,019	
S.C.....	2,208			1.80	3,974	
S. Dak.....	70,520			1.85	130,462	
Tenn.....	816			2.40	1,958	
Tex.....	18,860			2.00	37,720	
Utah.....	798			2.15	1,716	
Va.....	940			1.85	1,739	
Wash.....	1,600			2.15	3,440	
W. Va.....	618			1.85	1,143	
Wis.....	52,606			1.65	86,800	
Wyo.....	2,295			2.10	4,820	
U.S.....	508,083			1.86	932,661	

<sup>1</sup>Estimates discontinued.  
Statistical Reporting Service.

FOOTNOTES FOR TABLE 55

<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 1981 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1981 and ends early in 1982.

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

<sup>3</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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 55.—Oats: Area, yield, and production in specified countries, 1979-81<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	1,541	1,515	1,754	1.93	2.00	2.04	2,978	3,028	3,570
Mexico.....	90	70	85	.89	.71	.94	80	50	80
United States.....	3,917	3,501	3,809	1.95	1.90	1.94	7,643	6,652	7,375
<b>Total.....</b>	<b>5,548</b>	<b>5,086</b>	<b>5,648</b>	<b>1.93</b>	<b>1.91</b>	<b>1.95</b>	<b>10,701</b>	<b>9,730</b>	<b>11,025</b>
<b>South America:</b>									
Argentina.....	410	350	400	1.27	1.24	1.25	522	433	500
Brazil.....	77	81	97	.97	.99	1.07	75	80	104
Chile.....	79	92	80	1.90	1.88	1.64	150	173	131
Colombia.....	2	2	2	2.50	2.50	2.50	5	5	5
Ecuador.....	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay.....	66	37	35	1.06	.86	.80	70	32	28
<b>Total.....</b>	<b>635</b>	<b>563</b>	<b>615</b>	<b>1.30</b>	<b>1.29</b>	<b>1.25</b>	<b>823</b>	<b>724</b>	<b>769</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	44	45	41	4.05	3.60	3.93	178	162	161
Denmark.....	39	40	44	4.18	4.00	4.25	163	160	187
France.....	540	534	501	3.42	3.46	3.54	1,845	1,845	1,774
Germany, Fed. Rep. of.....	919	856	825	4.02	3.80	3.88	3,697	3,250	3,200
Greece.....	56	50	49	1.48	1.78	1.71	83	89	84
Ireland.....	28	26	20	3.75	3.88	4.00	105	101	80
Italy.....	222	227	224	1.95	1.98	1.88	432	450	422
Netherlands.....	21	18	21	5.19	5.22	5.48	109	94	115
United Kingdom.....	136	147	142	3.99	4.12	4.47	542	605	635
<b>Total EC.....</b>	<b>2,005</b>	<b>1,943</b>	<b>1,867</b>	<b>3.57</b>	<b>3.48</b>	<b>3.57</b>	<b>7,154</b>	<b>6,756</b>	<b>6,658</b>
Austria.....	95	92	90	2.87	3.43	3.00	273	316	270
Finland.....	451	448	434	2.84	2.81	2.32	1,283	1,258	1,008
Norway.....	101	113	114	3.78	3.71	3.66	382	419	417
Portugal.....	159	184	184	.44	.52	.39	70	96	72
Spain.....	436	442	463	1.05	1.50	.98	456	664	454
Sweden.....	457	452	472	3.33	3.47	3.84	1,524	1,567	1,812
Switzerland.....	10	11	12	4.80	4.82	4.75	48	53	57
<b>Total Western Europe.....</b>	<b>3,714</b>	<b>3,685</b>	<b>3,636</b>	<b>3.01</b>	<b>3.02</b>	<b>2.96</b>	<b>11,190</b>	<b>11,129</b>	<b>10,748</b>
Albania.....	20	20	20	1.40	1.50	1.25	28	30	25
Bulgaria.....	53	41	45	1.25	1.27	1.44	66	52	65
Czechoslovakia.....	149	139	140	2.71	3.11	2.85	404	432	399
German Dem. Rep.....	136	155	140	3.91	3.75	4.00	532	582	560
Hungary.....	44	36	30	1.98	2.22	2.00	87	80	60
Poland.....	1,094	997	1,156	2.00	2.26	2.39	2,186	2,250	2,768
Romania.....	60	51	50	1.00	.92	1.10	60	47	55
Yugoslavia.....	209	194	194	1.35	1.52	1.35	283	294	262
<b>Total Eastern Europe.....</b>	<b>1,765</b>	<b>1,633</b>	<b>1,775</b>	<b>2.07</b>	<b>2.31</b>	<b>2.36</b>	<b>3,646</b>	<b>3,767</b>	<b>4,194</b>
<b>Total Europe.....</b>	<b>5,479</b>	<b>5,318</b>	<b>5,411</b>	<b>2.71</b>	<b>2.80</b>	<b>2.76</b>	<b>14,836</b>	<b>14,896</b>	<b>14,942</b>
<b>Soviet Union (Europe and Asia).....</b>	<b>12,239</b>	<b>11,770</b>	<b>12,000</b>	<b>1.24</b>	<b>1.32</b>	<b>1.27</b>	<b>15,200</b>	<b>15,544</b>	<b>15,200</b>
<b>Africa:</b>									
Algeria.....	92	153	105	.58	.72	.76	53	110	80
Morocco.....	15	29	13	.40	1.14	.38	6	33	5
South Africa.....	425	361	389	.20	.18	.21	87	65	80
<b>Total.....</b>	<b>532</b>	<b>543</b>	<b>507</b>	<b>.27</b>	<b>.38</b>	<b>.33</b>	<b>146</b>	<b>208</b>	<b>165</b>
<b>Asia:</b>									
China.....	1,500	1,500	1,400	1.07	1.07	1.14	1,600	1,600	1,600
Japan.....	6	5	5	2.33	2.40	2.40	14	12	12
Turkey.....	220	200	190	1.68	1.78	1.79	370	355	340
<b>Total.....</b>	<b>1,726</b>	<b>1,705</b>	<b>1,595</b>	<b>1.15</b>	<b>1.15</b>	<b>1.22</b>	<b>1,984</b>	<b>1,967</b>	<b>1,952</b>
<b>Oceania:</b>									
Australia.....	1,123	1,090	1,440	1.26	1.04	1.08	1,411	1,129	1,550
New Zealand.....	18	13	16	3.56	4.00	3.38	64	52	54
<b>Total.....</b>	<b>1,141</b>	<b>1,103</b>	<b>1,456</b>	<b>1.29</b>	<b>1.07</b>	<b>1.10</b>	<b>1,475</b>	<b>1,181</b>	<b>1,604</b>
<b>World total.....</b>	<b>27,300</b>	<b>26,088</b>	<b>27,232</b>	<b>1.65</b>	<b>1.70</b>	<b>1.68</b>	<b>45,165</b>	<b>44,250</b>	<b>45,657</b>

See footnotes on page 41.

Table 56.—Barley: Area, yield, production, disposition, and value, United States, 1965-81

Year	Area		Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>2</sup>
	Planted <sup>1</sup>	Harvested						
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965.....	10,123	9,166	42.9	393,055	92,880	300,175	1.02	399,575
1966.....	11,184	10,250	38.3	392,108	103,816	288,292	1.06	411,849
1967.....	10,077	9,230	40.5	373,745	104,154	269,591	1.01	374,412
1968.....	10,486	9,732	43.8	426,151	110,361	315,790	.921	390,241
1969.....	10,291	9,557	44.7	427,055	116,637	310,418	.885	377,878
1970.....	10,476	9,712	42.8	416,091	114,865	301,226	.973	400,312
1971.....	11,061	10,104	45.8	462,423	125,052	337,371	.993	457,558
1972.....	10,567	9,645	43.7	421,719	109,480	312,239	1.21	505,222
1973.....	11,045	10,295	40.5	417,434	109,068	308,366	2.14	881,569
1974.....	8,713	7,930	37.7	298,669	81,564	217,105	2.81	821,639
1975.....	9,373	8,617	44.0	379,162	101,667	277,495	2.42	905,923
1976.....	9,301	8,439	45.4	383,007	101,454	281,553	2.25	852,256
1977.....	10,778	9,728	44.0	427,784	115,948	311,836	1.78	760,043
1978.....	9,989	9,248	49.2	454,759	120,321	334,438	1.92	871,070
1979.....	8,110	7,522	50.9	382,798	109,590	273,208	2.29	871,607
1980.....	8,339	7,275	49.6	360,956	(?)	(?)	2.85	1,022,030
1981 <sup>4</sup> .....	9,741	9,151	52.3	478,301	(?)	(?)	2.45	1,168,659

<sup>1</sup> Barley sown for all purposes, including barley sown in the preceding fall.

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

<sup>3</sup> Estimates discontinued.

<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 57.—Barley: Stocks on and off farms, United States, 1965-81

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 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
1965.....	244,187	184,763	99,281	46,208	143,530	116,298	93,961	58,631
1966.....	246,672	177,746	113,764	56,467	139,998	115,226	92,240	64,798
1967.....	232,905	184,651	128,747	71,241	148,900	118,539	89,266	66,144
1968.....	305,974	250,262	185,706	116,056	151,139	123,898	99,034	84,609
1969.....	313,280	263,619	197,072	135,246	190,794	162,151	133,599	100,306
1970.....	305,992	238,143	141,748	80,534	183,833	142,192	115,019	74,845
1971.....	317,366	255,212	165,647	106,920	171,130	136,904	117,985	67,818
1972.....	321,090	245,864	160,937	88,699	131,967	115,568	97,340	73,788
1973.....	283,472	206,423	121,011	54,961	137,576	113,558	93,823	63,926
1974.....	176,641	125,032	62,975	29,582	126,165	102,728	71,227	45,642
1975.....	214,989	161,797	98,652	63,693	126,963	113,508	86,360	64,666
1976.....	213,370	157,605	92,152	52,959	152,354	117,511	97,316	73,448
1977.....	270,105	221,954	150,128	105,682	139,334	110,266	89,043	67,377
1978.....	342,521	277,020	198,700	149,428	129,611	114,164	97,753	78,615
1979.....	311,521	246,366	166,013	112,372	150,319	119,210	96,271	79,701
1980.....	249,746	185,572	113,357	74,420	142,735	117,842	89,994	62,836
1981 <sup>3</sup> .....	303,049	230,745	147,285	.....	148,000	101,473	79,214	.....

<sup>1</sup> Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July.

<sup>2</sup> Stocks at mills, elevators, warehouses, 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.

Table 58.—Barley: Supply and disappearance, United States, 1965-81

Year beginning June	Supply				Disappearance					Ending stocks May 31		
	Beginning stocks	Production	Imports	Total	Domestic use*			Exports	Total disappearance	Private-ly held <sup>1</sup>	Government <sup>2</sup>	Total
					Feed and residual	Food, alcohol, and seed	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>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
1965.....	133	393	8	534	201	122	323	78	401	123	10	133
1966.....	133	392	7	532	209	127	336	48	384	142	6	148
1967.....	148	374	9	531	205	129	334	36	370	155	6	161
1968.....	161	426	10	597	227	133	360	12	372	217	8	225
1969.....	225	427	13	665	248	138	386	10	396	256	13	269
1970.....	269	416	10	695	288	139	427	84	511	161	23	184
1971.....	184	462	12	658	270	139	409	41	450	208	0	208
1972.....	208	422	17	647	243	142	385	70	455	191	1	192
1973.....	192	417	9	618	236	143	379	93	472	146	0	146
1974.....	146	299	20	465	184	147	331	42	373	92	0	92
1975.....	92	379	16	487	189	146	335	24	359	128	0	128
1976.....	128	383	11	522	175	155	330	66	396	126	0	126
1977.....	126	428	9	563	178	155	333	57	390	173	0	173
1978.....	173	455	10	638	218	166	384	26	410	226	2	228
1979.....	228	383	12	623	204	172	376	55	431	189	3	192
1980.....	192	361	10	563	174	175	349	77	426	134	3	137
1981 <sup>3</sup> .....	137	478	10	625	200	175	375	110	485	.....	.....	140

<sup>1</sup> Includes Government loans (original and resale).<sup>2</sup> Uncommitted Government only.<sup>3</sup> Preliminary.\* Revisions 1970 to date based on U.S. Bureau of the Census, *Census of Manufacturers*.

Economic Research Service.

Table 59.—Barley: Area, yield, and production, by States, 1979-81

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ariz.....	50	60	50	43	50	43	75.0	90.0	95.0	3,225	4,500	4,085
Calif.....	900	800	740	790	712	640	60.0	62.0	63.0	47,400	44,144	40,320
Colo.....	295	265	315	275	245	300	68.0	65.0	63.0	18,700	15,925	18,900
Del.....	33	33	33	25	25	25	45.0	49.0	52.0	1,125	1,225	1,300
Idaho.....	960	900	1,100	930	880	1,070	59.0	67.0	59.0	54,870	58,960	63,130
Ill. <sup>3</sup> .....	8	7		7	6		47.0	43.0		329	258	
Kans.....	66	60	63	52	51	52	44.0	41.0	32.0	2,288	2,091	1,664
Ky.....	32	33	37	25	29	32	50.0	55.0	63.0	1,250	1,595	2,016
Md.....	100	91	97	78	70	84	49.0	52.0	60.0	3,822	3,640	5,040
Mich.....	21	23	27	20	21	26	47.0	53.0	52.0	940	1,113	1,352
Minn.....	780	900	1,050	770	815	1,030	53.0	42.5	56.0	40,810	34,638	57,680
Mont.....	1,100	1,180	1,400	1,040	1,050	1,320	39.0	42.0	43.0	40,560	44,100	56,760
Nebr.....	30	29	28	28	25	23	43.0	38.0	39.0	1,204	950	897
Nev.....	30	31	33	27	28	30	60.0	70.0	55.0	1,620	1,960	1,650
N.J.....	28	27	24	14	15	17	51.0	53.0	61.0	714	795	1,037
N. Mex.....	36	43	38	27	35	28	58.0	57.0	67.0	1,566	1,995	1,876
N.Y. <sup>3</sup> .....	12	12		11	11		48.0	47.0		528	517	
N.C.....	73	69	71	64	60	62	51.0	50.0	55.0	3,264	3,000	3,410
N.Dak.....	1,700	1,850	2,250	1,650	1,500	2,200	46.0	32.0	48.0	75,900	48,000	105,600
Ohio <sup>3</sup> .....	9	9		9	8		52.0	52.0		468	416	
Okla.....	80	75	65	55	50	50	46.0	33.0	31.0	2,530	1,650	1,550
Oreg.....	180	170	210	160	155	195	52.0	65.0	60.0	8,320	10,075	11,700
Pa.....	95	80	86	85	75	76	47.0	50.0	54.0	3,995	3,750	4,104
S.C.....	26	26	30	23	23	27	48.0	44.0	43.0	1,104	1,012	1,161
S.Dak.....	560	590	650	520	460	590	40.0	33.0	34.0	20,800	15,130	20,060
Tenn. <sup>3</sup> .....	9	7		5	4		46.0	42.0		230	168	
Tex.....	100	70	75	50	36	50	46.0	30.0	42.0	2,300	1,080	2,100
Utah.....	160	162	164	145	148	149	72.0	73.0	66.0	10,440	10,804	9,834
Va.....	117	105	116	100	90	97	52.0	51.0	61.0	5,200	4,590	5,917
Wash.....	330	450	800	315	430	760	54.0	75.0	58.0	17,010	32,250	44,080
W. Va.....	11	10	11	10	9	10	41.0	44.0	55.0	410	396	550
Wis.....	25	27	33	24	26	31	49.0	59.0	50.0	1,176	1,534	1,550
Wyo.....	154	145	145	145	133	134	60.0	65.0	67.0	8,700	8,645	8,978
U.S.....	8,110	8,339	9,741	7,522	7,275	9,151	50.9	49.6	52.3	382,798	360,956	478,301

<sup>1</sup>Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup>Preliminary.

<sup>3</sup>Estimates discontinued after 1980 crop.

Statistical Reporting Service.

FOOTNOTES FOR TABLE 61

<sup>1</sup>Beginning June 1, 1976 (1975 crop year), marketing year begins June 1 and ends May 31.

<sup>2</sup>Includes price-support payments of 12 cents in 1969, and 1970, and a guarantee of 32 cents in 1972 and 26 cents in 1973. Barley was excluded from program in 1967, 1968, and 1971. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is 90 cents; for 1976, \$1.22; for 1977-79, \$1.63; for 1979, \$1.71; and, for 1980-81, \$1.83, on entire production. For 1974-77, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program.

<sup>3</sup>Percentage of parity price as of the beginning of the marketing year.

<sup>4</sup>Represents loans made, purchases, and purchase agreements entered into.

<sup>5</sup>Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-storage grain when delivered to CCC.

<sup>6</sup>Uncommitted CCC inventory.

<sup>7</sup>Producers who exceed their NCA will be eligible for the lower target price.

Agricultural Stabilization and Conservation Service.

**Table 60.—Barley: Production, disposition, and value, by States, crop of 1981 (preliminary)**

State	Production	Used on farms where produced <sup>1</sup>	Sold <sup>1</sup>	Season average price per bushel	Value of—	
					Production	Sales <sup>1</sup>
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Ariz.....	4,085			3.35		13,685
Calif.....	40,320			3.10		124,992
Colo.....	18,900			3.10		58,590
Del.....	1,300			2.10		2,730
Idaho.....	63,130			2.60		164,138
Kans.....	1,664			2.40		3,994
Ky.....	2,016			2.25		4,536
Md.....	5,040			2.15		10,836
Mich.....	1,352			3.10		4,191
Minn.....	57,680			2.15		124,012
Mont.....	56,760			2.20		124,872
Nebr.....	897			2.30		2,063
Nev.....	1,650			2.85		4,703
N.J.....	1,037			2.05		2,126
N. Mex.....	1,876			2.50		4,690
N.C.....	3,410			2.15		7,332
N. Dak.....	105,600			2.20		232,320
Okla.....	1,550			2.60		4,030
Oreg.....	11,700			2.55		29,835
Pa.....	4,104			2.25		9,234
S.C.....	1,161			2.40		2,786
S. Dak.....	20,060			2.30		46,138
Tex.....	2,100			2.50		5,250
Utah.....	9,834			2.60		25,568
Va.....	5,917			2.10		12,426
Wash.....	44,080			2.50		110,200
W. Va.....	550			2.65		1,458
Wis.....	1,550			2.35		3,643
Wyo.....	8,978			3.15		28,281
U.S.....	478,301			2.45		1,168,659

<sup>1</sup> Estimates discontinued.  
Statistical Reporting Service

**Table 61.—Barley: Price-support operations, United States, 1965-82**

Year beginning July <sup>1</sup>	Support price		Put under support <sup>4</sup>			Owned by CCC June 30
	Per bushel <sup>2</sup>	Percentage of parity <sup>3</sup>	Quantity	Percentage of production	Acquired by CCC under support program <sup>5</sup>	
	<i>Dollars</i>	<i>Percent</i>	<i>Million bushels</i>	<i>Percent</i>	<i>Million bushels</i>	
1965.....	0.96	77	16.5	4.2	1.8	10.8
1966.....	1.00	78	16.5	4.2	2.5	5.9
1967.....	.90	68	48.2	12.9	17.0	5.9
1968.....	.90	67	123.8	29.3	70.0	<sup>6</sup> 18.5
1969.....	1.03	73	52.5	12.4	5.6	<sup>6</sup> 18.1
1970.....	1.03	71	27.6	6.7	.9	<sup>6</sup> 28.9
1971.....	.81	53	88.9	19.2	.7	<sup>6</sup> 1.4
1972.....	1.15	73	41.7	9.9		<sup>6</sup> .6
1973.....	1.27	70	15.3	3.6		<sup>6</sup> .4
1974.....	1.13	54	6.9	2.3		
1975.....	1.13	45	9.2	2.5		
1976.....	1.28	46	19.2	5.2		
1977.....	2.15	71	86.7	20.6		
1978.....	2.25	69	67.6	15.1	2.5	2.5
1979.....	2.40	61	30.0	7.9	.8	3.2
1980.....	2.55- <sup>7</sup> 2.29	62/56	<sup>7</sup> 31.2	8.6	.1	3.4
1981.....	<sup>7</sup> 2.60	57	65.0	<sup>7</sup> 13.6		3.3
1982.....	2.60					

See footnotes on page 45.

Table 62.—Barley and malt: United States exports, by country of destination 1979 and 1980 <sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1979	1980		1979	1980
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Barley:			Malt: <sup>2</sup>		
Mexico.....	221,232	26,198	Canada.....	254	513
Germany, Fed. Rep. of.....	984	17,273	Mexico.....	6,127	0
Italy.....	94,261	201,118	Costa Rica.....	21	53
Netherlands.....		4	Dominican Republic.....	6,905	5,362
Poland.....			Jamaica.....	225	1,320
Other Europe.....	341,511	206,168	Guyana.....	3,291	2,021
Japan.....	94,864	256,817	Peru.....	4,136	4
Other countries.....	722,030	1,105,441	Venezuela.....	11,034	7,644
			Other Americas.....	1,047	2,871
World total <sup>2</sup> .....	1,474,882	1,813,019	Japan.....	12,081	4,181
			Other countries.....	130	410
			World total.....	45,251	24,378

<sup>1</sup> Year beginning Oct. 1.

<sup>2</sup> Transshipments through Canada have not been included in data for countries of ultimate destination.

<sup>3</sup> In grain equivalent.

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

Table 63.—Barley: Area, yield, and production in specified countries, 1979-81 <sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>1,000 hectares</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:									
Canada.....	3,724	4,634	5,390	2.27	2.43	2.48	8,460	11,259	13,384
Mexico.....	280	300	300	1.21	1.47	1.50	340	440	450
United States.....	3,044	2,944	3,703	2.74	2.67	2.81	8,334	7,859	10,414
Total.....	7,048	7,878	9,393	2.43	2.48	2.58	17,134	19,558	24,248
South America:									
Argentina.....	246	173	160	1.38	1.25	1.25	339	217	200
Bolivia.....	95	70	95	.65	.60	.68	62	42	65
Brazil.....	74	96	100	1.15	1.35	1.26	85	130	126
Chile.....	60	49	46	1.88	2.14	1.98	113	105	91
Colombia.....	73	63	36	1.86	1.54	1.56	136	97	56
Ecuador.....	35	38	35	.89	.89	.89	31	34	31
Peru.....	185	165	170	.95	.91	.94	175	150	160
Uruguay.....	40	45	50	1.78	1.67	2.00	71	75	100
Total.....	808	699	692	1.25	1.22	1.20	1,012	850	829
Europe:									
Belgium-Luxembourg.....	176	173	173	4.78	5.00	4.76	842	865	823
Denmark.....	1,629	1,588	1,542	4.09	3.80	4.06	6,657	6,039	6,257
France.....	2,802	2,650	2,579	4.00	4.42	3.97	11,196	11,716	10,231
Germany, Fed. Rep. of.....	1,989	2,002	2,044	4.11	4.41	4.25	8,184	8,826	8,687
Greece.....	373	331	321	2.26	2.87	2.43	842	949	780
Ireland.....	324	332	345	4.44	4.26	4.32	1,438	1,415	1,490
Italy.....	308	330	338	2.64	2.87	2.91	813	947	983
Netherlands.....	63	53	53	4.57	4.87	4.70	288	258	249
United Kingdom.....	2,343	2,331	2,338	4.10	4.43	4.41	9,609	10,323	10,300
Total EC.....	10,007	9,790	9,733	3.98	4.22	4.09	39,869	41,338	39,800
Austria.....	373	374	375	3.03	4.05	3.20	1,129	1,515	1,200
Finland.....	633	533	570	2.61	2.88	1.89	1,650	1,534	1,080
Malta.....	1	1	1	2.00	2.00	2.00	2	2	2
Norway.....	200	187	189	3.24	3.61	3.44	648	675	650
Portugal.....	72	72	74	.57	.75	.54	41	54	40
Spain.....	3,477	3,425	3,415	1.80	2.50	1.38	6,252	8,561	4,709
Sweden.....	704	648	678	3.33	3.35	3.62	2,346	2,172	2,453
Switzerland.....	48	46	49	4.63	4.61	4.49	222	212	220
Total Western Europe.....	15,515	15,076	15,084	3.36	3.72	3.32	52,159	56,063	50,154

See footnotes at end of table.

Table 63.—Barley: Area, yield, and production in specified countries, 1979–81<sup>1</sup>—  
Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe—Continued									
Albania.....	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria.....	472	426	415	3.25	3.20	3.86	1,536	1,362	1,600
Czechoslovakia.....	1,042	921	930	3.46	3.92	3.28	3,604	3,614	3,050
German Dem. Rep.....	945	969	962	3.52	4.11	3.95	3,323	3,979	3,800
Hungary.....	262	246	290	2.70	3.36	3.28	707	826	950
Poland.....	1,470	1,322	1,294	2.54	2.58	2.76	3,731	3,415	3,575
Romania.....	773	810	900	2.64	3.04	2.89	2,044	2,466	2,600
Yugoslavia.....	291	325	308	2.17	2.54	2.44	631	826	750
Total Eastern Europe.....	5,265	5,029	5,109	2.96	3.28	3.20	15,586	16,498	16,335
Total Europe.....	20,780	20,105	20,193	3.26	3.61	3.29	67,745	72,561	66,489
Soviet Union (Europe and Asia).....	37,005	31,583	31,000	1.29	1.38	1.35	47,900	43,450	41,900
Africa:									
Algeria.....	666	930	800	.63	.83	.75	420	770	600
Egypt.....	45	40	38	2.71	2.68	2.68	122	107	102
Ethiopia.....	1,000	850	850	.80	.80	.82	800	680	700
Kenya.....	44	45	50	1.86	1.82	2.00	82	82	100
Libya.....	160	160	160	.69	.63	.63	110	100	100
Morocco.....	2,168	2,150	920	.87	1.03	1.13	1,886	2,210	1,039
South Africa.....	107	68	90	1.32	.88	1.08	141	60	97
Tunisia.....	547	382	443	.49	.77	.61	270	296	270
Total.....	4,737	4,625	3,351	.81	.93	.90	3,831	4,305	3,008
Asia:									
Afghanistan.....	350	250	350	1.07	1.20	1.04	375	300	365
Bangladesh.....	18	18	20	.67	.67	.75	12	12	15
Bhutan.....	9	9	10	1.00	1.00	1.00	9	9	10
China.....	4,000	3,900	3,900	1.93	1.82	1.85	7,700	7,100	7,200
Cyprus.....	75	60	60	.80	1.33	1.33	60	80	80
India.....	1,828	1,771	1,821	1.17	.92	1.23	2,142	1,624	2,242
Iran.....	1,250	1,250	1,250	.80	.80	.88	1,000	1,000	1,100
Iraq.....	800	800	1,800	.78	.72	.44	620	575	800
Israel.....	38	27	25	.76	.59	.60	29	16	15
Japan.....	116	119	122	3.50	3.15	3.14	406	375	383
Jordan.....	42	52	36	.12	.96	.44	5	50	16
Korea, Rep. of.....	473	331	320	3.19	2.45	2.41	1,508	811	771
Lebanon.....	9	7	7	.56	1.00	1.43	5	7	10
Nepal.....	25	27	27	.88	.93	.93	22	25	25
Pakistan.....	178	159	167	.72	.74	.75	129	118	125
Saudi Arabia.....	11	12	12	2.27	2.25	2.33	25	27	28
Syria.....	1,010	1,100	1,300	.39	1.09	1.08	395	1,200	1,400
Turkey.....	2,700	2,800	2,900	1.85	1.86	1.90	5,000	5,200	5,500
Yemen, Arab Rep. (Sana).....	70	60	60	.71	.83	1.00	50	50	60
Total.....	13,002	12,752	14,187	1.50	1.46	1.42	19,492	18,579	20,145
Oceania:									
Australia.....	2,482	2,452	2,740	1.49	1.11	1.33	3,703	2,711	3,650
New Zealand.....	79	75	58	3.73	4.32	4.00	295	324	312
Total.....	2,561	2,527	2,818	1.56	1.20	1.41	3,998	3,035	3,962
World total.....	85,941	80,169	81,634	1.87	2.02	1.97	161,112	162,338	160,581

<sup>1</sup>Years shown refer to year 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 1981 is combined with estimates of the Southern Hemisphere harvests, which begin late in 1981 and end early in 1982.

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

<sup>3</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 Counselors, Attachés and Foreign Service Officers, results of office research, and related information.



Table 64.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1965–81

Year	Wheat		Rye		Rice (milled) <sup>3</sup>		Corn					Oats		Barley			
	Total consumed <sup>1</sup>	Per capita consumption of food products		Total consumed <sup>1</sup>	Per capita consumption of rye flour	Total consumed <sup>1</sup>	Per capita consumption	Total consumed <sup>4</sup>	Per capita consumption of food products					Total consumed <sup>5</sup>	Per capita consumption of oat food products	Total consumed <sup>6</sup>	Per capita consumption of food products <sup>7</sup>
		Flour <sup>2</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>
1965.....	502	113	2.9	5.1	1.1	14.5	7.6	195	6.9	2.2	14.0	4.6	1.8	44	3.3	7	1.2
1966.....	499	112	2.9	5.3	1.2	14.1	7.3	196	6.9	2.2	14.0	4.6	1.8	44	3.3	7	1.2
1967.....	507	113	2.9	5.4	1.2	14.6	7.5	202	7.2	2.3	14.1	4.6	1.8	43	3.2	8	1.2
1968.....	510	113	2.9	5.8	1.3	15.4	7.9	210	7.4	2.3	14.8	4.7	1.9	43	3.2	8	1.2
1969.....	513	113	2.9	5.4	1.2	16.4	8.3	215	7.4	2.3	15.4	4.9	1.9	44	3.2	8	1.2
1970.....	510	111	2.9	5.5	1.2	13.4	6.7	220	7.4	2.3	15.8	5.0	1.9	44	3.2	8	1.2
1971.....	513	110	2.9	5.3	1.2	15.6	7.6	225	7.4	2.3	16.2	5.0	1.9	44	3.2	8	1.2
1972.....	517	110	2.9	4.9	1.1	14.5	7.0	240	7.4	2.3	18.7	4.8	1.9	45	3.2	8	1.2
1973.....	536	113	2.9	5.9	1.3	14.5	7.0	261	7.5	2.3	21.7	5.2	1.9	45	3.2	8	1.2
1974.....	536	111	2.9	5.9	1.3	15.9	7.5	280	7.6	2.3	25.0	5.3	1.9	46	3.2	8	1.2
1975.....	561	114	2.9	4.7	1.0	16.1	7.6	305	7.7	2.3	28.5	5.5	1.9	46	3.2	8	1.2
1976.....	588	119	2.9	3.9	.9	15.3	7.1	330	7.7	2.3	32.0	5.5	1.9	46	3.2	8	1.2
1977.....	575	115	2.9	3.6	.8	16.2	7.5	345	7.7	2.3	34.0	5.5	1.9	46	3.2	8	1.2
1978.....	578	115	2.9	3.7	.8	12.5	5.7	365	7.7	2.3	34.7	5.5	1.9	46	3.2	8	1.2
1979.....	595	117	2.9	3.6	.7	20.8	9.4	369	7.7	2.3	34.7	5.5	1.9	46	3.2	8	1.2
1980 <sup>8</sup> .....	597	117	2.9	3.5	.7	21.1	9.4	375	7.7	2.3	34.7	5.6	1.9	46	3.2	8	1.2
1981 <sup>9</sup> .....	605	116	2.9	3.5	.7	24.9	11.0	380	7.7	2.3	34.7	5.7	1.9	46	3.2	8	1.2

<sup>1</sup> Excludes quantities used in alcoholic beverages.

<sup>2</sup> Includes white, whole wheat, and semolina flour.

<sup>3</sup> Rice consumption for year beginning August previous to the year stated.

<sup>4</sup> Includes an allowance for the quantity used as hominy and grits.

<sup>5</sup> Oats used in oatmeal, prepared breakfast foods, infant foods, and food products.

<sup>6</sup> Malt for food, breakfast food uses, pearl barley, and flour.

<sup>7</sup> Malt equivalent of barley food products.

<sup>8</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.

Table 65.—Sorghum: Area, yield, production, disposition, and value, United States, 1965-81

Year	Area planted for all purposes <sup>1</sup>	Sorghum for grain <sup>2</sup>							Sorghum for silage			Forage area harvested <sup>4</sup>
		Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel <sup>3</sup>	Value of production <sup>3</sup>	Area harvested	Yield per harvested acre	Production	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 tons	1,000 acres
1965	17,079	13,029	51.6	672,698	148,371	524,327	0.984	659,146	1,195	10.3	12,324	2,376
1966	16,372	12,813	55.8	714,992	133,440	581,552	1.02	729,594	1,089	10.9	11,851	2,064
1967	18,945	14,988	50.4	755,344	152,113	603,231	.992	744,162	1,036	9.9	10,236	2,327
1968	17,793	13,890	52.6	731,277	139,581	591,696	.949	690,608	908	10.7	9,749	2,504
1969	17,231	13,437	54.3	729,919	157,152	572,767	1.07	771,510	798	11.7	9,360	2,600
1970	16,957	13,568	50.4	683,179	139,146	544,033	1.14	779,630	741	9.7	7,204	2,167
1971	20,547	16,142	53.8	867,997	244,515	623,482	1.04	895,823	1,011	10.9	10,998	2,675
1972	17,035	13,212	60.7	801,350	165,106	636,244	1.37	1,096,062	840	11.8	9,946	2,427
1973	18,994	15,700	58.8	923,224	180,841	742,383	2.14	1,978,268	836	11.4	9,520	2,093
1974	17,588	13,809	45.1	622,711	162,819	459,892	2.77	1,721,927	745	9.8	7,279	2,140
1975	18,080	15,403	49.0	754,354	174,702	579,652	2.36	1,777,100	763	9.8	7,492	1,438
1976	18,143	14,466	49.1	710,797	203,591	507,206	2.03	1,431,190	793	9.2	7,317	1,802
1977	16,636	13,797	56.6	780,944	249,333	531,611	1.82	1,411,570	839	10.9	9,184	1,556
1978	16,197	13,410	54.5	731,270	236,476	494,794	2.01	1,464,187	724	10.9	7,920	1,449
1979	15,277	12,901	62.7	808,862	( <sup>5</sup> )	( <sup>5</sup> )	2.34	1,879,823	764	11.8	9,015	1,211
1980	15,644	12,522	46.3	579,197	( <sup>5</sup> )	( <sup>5</sup> )	2.94	1,696,008	732	9.6	7,002	1,410
1981 <sup>6</sup>	16,024	13,726	64.1	880,266	( <sup>5</sup> )	( <sup>5</sup> )	2.32	2,032,034	757	12.1	9,139	1,081

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

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

<sup>3</sup> Based on the reported price of grain sorghum. Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>4</sup> Includes hogged or grazed and that cut and fed without removing grain.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

SORGHUM

Table 66.—Sorghum grain: Stocks on and off farms, United States, 1965-82

Year	On farms				Off farms			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1 <sup>2</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
1965.....	154,259	98,010	61,565	47,442	797,589	669,893	595,677	518,093
1966.....	212,919	133,589	71,353	50,614	765,142	590,556	461,521	340,587
1967.....	234,170	133,178	81,981	44,414	586,872	393,312	253,553	199,486
1968.....	212,743	141,921	90,536	58,063	519,341	374,907	277,408	230,948
1969.....	217,904	127,380	81,996	51,913	523,364	413,366	302,491	235,040
1970.....	184,644	117,505	67,649	38,726	503,506	385,895	278,918	205,235
1971.....	151,511	87,822	35,555	13,332	459,066	268,081	141,300	77,140
1972.....	243,431	142,402	66,585	30,514	463,528	336,362	208,488	111,231
1973.....	217,572	94,724	45,338	13,658	401,830	267,714	153,996	59,003
1974.....	217,090	113,602	54,576	18,086	426,818	266,742	123,533	43,145
1975.....	121,041	63,193	29,778	7,849	257,843	145,278	65,307	27,188
1976.....	164,509	84,107	49,951	14,008	309,600	164,221	104,090	37,486
1977.....	158,699	87,333	60,563	21,396	331,631	208,250	135,182	69,646
1978.....	218,292	139,450	108,316	56,056	398,245	273,525	210,749	134,477
1979.....	235,515	140,606	99,216	40,847	401,484	276,684	222,988	118,683
1980.....	235,370	142,820	91,592	40,472	412,290	253,165	186,288	106,064
1981.....	138,687	81,136	51,030	29,520	325,760	232,699	133,520	79,089
1982 <sup>4</sup> .....	256,624	125,250			432,899	336,213		

<sup>1</sup>Prior to 1976, estimates are for July 1.

<sup>2</sup>Old crop only.

<sup>3</sup>Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 67.—Sorghum: Supply and disappearance, United States, 1965-81

Year beginning October	Supply				Disappearance					Ending stocks Sept. 30		
	Begin-ning stocks	Pro-duction	Im-ports	Total	Domestic use*			Exports	Total disap-pearance	Pri-vately held <sup>1</sup>	Govern-ment <sup>2</sup>	Total
					Feed and residu-al	Food, alcohol, and seed	Total					
	Mill-ion bush-els	Million bushels	Mill-ion bush-els	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1965.....	565	673	( <sup>3</sup> )	1,238	568	13	581	266	847	161	230	391
1966.....	391	715	( <sup>3</sup> )	1,106	601	13	614	248	862	51	193	244
1967.....	244	755	( <sup>3</sup> )	999	531	13	544	166	710	97	192	289
1968.....	289	731	( <sup>3</sup> )	1,020	614	13	627	106	733	89	198	287
1969.....	287	730	( <sup>3</sup> )	1,017	638	9	647	126	773	88	156	244
1970.....	244	683	( <sup>3</sup> )	927	680	13	693	144	837	27	63	90
1971.....	90	868	( <sup>3</sup> )	958	681	12	693	123	816	103	39	142
1972.....	142	801	( <sup>3</sup> )	943	648	10	658	212	870	68	5	73
1973.....	73	923	( <sup>3</sup> )	996	690	11	701	234	935	61	0	61
1974.....	61	623	( <sup>3</sup> )	684	425	12	437	212	649	35	0	35
1975.....	35	754	( <sup>3</sup> )	789	498	11	509	229	738	51	0	51
1976.....	51	711	( <sup>3</sup> )	762	414	11	425	246	671	91	0	91
1977.....	91	781	( <sup>3</sup> )	872	456	11	467	214	681	178	13	191
1978.....	191	731	( <sup>3</sup> )	922	545	10	555	207	762	44	116	160
1979.....	160	809	( <sup>3</sup> )	969	484	13	497	325	822	44	103	147
1980.....	147	579	( <sup>3</sup> )	726	307	11	318	299	617	39	70	109
1981 <sup>4</sup> .....	109	880	( <sup>3</sup> )	989	400	11	411	300	711			278

<sup>1</sup>Includes total Government loans (original and resale).

<sup>2</sup>Uncommitted Government only.

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

<sup>4</sup>Preliminary.

\*Revisions 1970 to date on U.S. Bureau of the Census, *Census of Manufacturers*.

Economic Research Service.

Table 68.—Sorghum: Area, yield, and production, by States, 1979-81

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	58	65	90	28	34	58	37.0	33.0	37.0	1,036	1,122	2,146
Ariz.....	31	35	30	25	26	26	71.0	75.0	83.0	1,775	1,950	2,158
Ark.....	200	275	330	176	203	298	62.0	29.0	57.0	10,912	5,887	16,986
Calif.....	157	165	150	140	152	138	75.6	73.0	74.0	10,500	11,096	10,212
Colo.....	490	490	510	340	350	365	38.0	35.0	35.0	12,920	12,250	12,775
Ga.....	89	150	225	49	82	135	39.0	24.0	33.0	1,911	1,968	4,455
Ill.....	85	75	110	70	62	88	68.0	59.0	63.0	4,760	3,658	5,544
Ind.....	18	14	19	11	8	12	50.0	52.0	60.0	550	416	720
Iowa.....	30	30	30	19	19	20	74.0	70.0	88.0	1,406	1,330	1,760
Kans.....	4,350	4,500	4,250	3,570	3,480	3,560	69.0	43.0	67.0	246,330	149,640	238,520
Ky.....	40	40	41	29	26	30	68.0	50.0	75.0	1,972	1,300	2,250
La.....	30	32	100	18	14	72	38.0	34.0	36.0	684	476	2,592
Miss.....	75	75	105	33	38	88	44.0	35.0	44.0	1,452	1,330	3,872
Mo.....	800	950	1,040	720	860	940	82.0	48.0	80.0	59,040	41,280	75,200
Nebr.....	2,100	2,200	2,300	1,920	2,030	2,060	79.0	60.0	80.0	151,680	121,800	164,800
N. Mex.....	319	340	335	258	257	272	52.0	40.0	45.0	13,416	10,280	12,240
N.C.....	112	103	110	75	62	78	50.0	36.0	53.0	3,750	2,232	4,134
Okla.....	700	700	700	515	480	525	45.0	34.0	42.0	23,175	16,320	22,050
Pa. <sup>2</sup> .....	18	14	.....	7	5	.....	75.0	50.0	.....	525	250	.....
S.C.....	26	30	35	14	15	18	41.0	22.0	32.0	574	330	576
S. Dak.....	485	485	600	345	325	455	45.0	33.0	43.0	15,525	10,725	19,565
Tenn.....	45	55	90	29	35	67	51.0	42.0	56.0	1,479	1,470	3,752
Tex.....	5,000	4,800	4,800	4,500	3,950	4,410	54.0	46.0	62.0	243,000	181,700	273,420
Va.....	19	21	24	10	9	11	49.0	43.0	49.0	490	387	539
U.S.....	15,277	15,644	16,024	12,901	12,522	13,726	62.7	46.3	64.1	808,862	579,197	880,266

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued after 1980 crop.

Statistical Reporting Service.

Table 69.—Sorghum: Utilization for silage and forage, by States, 1979-81

State	Silage									Forage area harvested		
	Area harvested			Yield per acre			Production			1979	1980	1981 <sup>2</sup>
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>			
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Ala.....	15	15	15	10.5	9.5	10.0	158	143	150	12	10	12
Ariz.....	4	6	3	17.0	18.5	22.0	68	111	66	1	2	1
Ark.....	12	9	13	13.5	9.0	14.0	162	81	182	11	41	10
Calif.....	9	8	7	19.0	19.0	19.0	171	152	133	6	4	4
Colo.....	25	22	20	14.0	16.0	14.0	350	352	280	95	93	90
Ga.....	30	36	56	13.0	9.0	11.0	390	324	616	7	12	22
Ill.....	10	8	11	11.5	11.5	11.5	115	92	127	5	4	6
Ind.....	5	4	5	11.5	11.0	11.5	58	44	58	.....	.....	.....
Iowa.....	9	9	6	14.0	14.5	15.5	126	131	93	1	1	3
Kans.....	320	295	280	12.4	9.0	13.5	3,840	2,655	3,780	400	445	300
Ky.....	5	7	6	11.5	11.5	11.5	58	81	69	4	5	4
La.....	9	13	20	10.0	9.0	11.0	90	117	220	2	3	5
Miss.....	35	27	10	13.5	10.0	12.5	473	270	125	6	7	5
Mo.....	22	23	37	11.0	7.5	13.0	242	173	481	44	45	26
Nebr.....	80	70	90	10.5	9.5	10.5	840	665	945	50	50	60
N. Mex.....	9	11	7	13.5	12.5	17.0	122	138	119	40	18	23
N.C.....	26	28	24	13.0	11.5	13.5	338	322	324	9	10	6
Okla.....	35	30	35	14.0	9.0	11.0	490	270	385	115	120	110
Pa. <sup>3</sup> .....	4	4	.....	13.0	10.5	.....	52	42	.....	5	3	.....
S.C.....	9	11	14	11.0	7.0	10.0	99	77	140	2	1	1
S. Dak.....	43	51	60	8.0	5.4	7.5	344	275	450	73	78	70
Tenn.....	6	12	8	12.0	11.0	12.0	72	132	96	7	6	12
Tex.....	35	25	20	8.0	11.0	10.0	280	275	200	315	450	310
Va.....	7	8	10	11.0	10.0	10.0	77	80	100	1	2	1
U.S.....	764	732	757	11.8	9.6	12.1	9,015	7,002	9,139	1,211	1,410	1,081

<sup>1</sup> Includes hogged or grazed and that cut and fed without removing grain.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1980 crop.

Statistical Reporting Service.

**Table 70.—Sorghum grain: Production, disposition, and value, by States, crop of 1981 (preliminary)**

State	Production	Used on farms where produced <sup>1</sup>	Sold <sup>1</sup>	Season average price per bushel	Value of—	
					Production	Sales <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	2,146			2.46	5,279	
Ariz.....	2,158			3.11	6,711	
Ark.....	16,986			2.18	37,029	
Calif.....	10,212			2.80	28,594	
Colo.....	12,775			2.16	27,594	
Ga.....	4,455			2.24	9,979	
Ill.....	5,544			2.18	12,086	
Ind.....	720			2.02	1,454	
Iowa.....	1,760			2.13	3,749	
Kans.....	238,520			2.16	515,203	
Ky.....	2,250			2.04	4,590	
La.....	2,592			2.46	6,376	
Miss.....	3,872			2.24	8,673	
Mo.....	75,200			2.24	168,448	
Nebr.....	164,800			2.13	351,024	
N. Mex.....	12,240			2.52	30,845	
N.C.....	4,134			2.27	9,384	
Okla.....	22,050			2.32	51,156	
S.C.....	576			2.24	1,290	
S. Dak.....	19,565			1.93	37,760	
Tenn.....	3,752			2.18	8,179	
Tex.....	273,420			2.58	705,424	
Va.....	539			2.24	1,207	
U.S.....	880,266			2.32	2,032,034	

<sup>1</sup> Estimates discontinued.  
Statistical Reporting Service.

**Table 71.—Sorghum grain: Price-support operations, United States, 1965–82**

Year beginning October	Support price		Put under support <sup>3</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 30
	Percent cwt. <sup>1</sup>	Percentage of parity <sup>2</sup>	Quantity	Percentage of production		
	Dollars	Percent	Million cwt.	Percent	Million cwt.	Million cwt.
1965.....	2.00	81	59.4	15.8	47.8	184.0
1966.....	2.05	80	15.5	3.9	.2	108.2
1967.....	2.14	83	36.6	8.7	5.6	107.8
1968.....	2.14	80	41.3	9.9	7.8	<sup>5</sup> 110.6
1969.....	2.14	76	23.2	5.5	2.0	<sup>5</sup> 87.6
1970.....	2.14	73	17.1	4.5	3.8	<sup>5</sup> 35.1
1971.....	2.21	71	86.5	17.6	1.0	<sup>5</sup> 21.9
1972.....	2.39	71	16.7	3.6	.....	<sup>5</sup> 2.7
1973.....	2.61	66	13.2	2.5	.....	.....
1974.....	2.34	50	2.2	.6	.....	.....
1975.....	2.34	45	5.4	1.3	.....	.....
1976.....	2.66	48	12.5	3.1	.....	.....
1977.....	4.07	71	121.7	27.5	7.2	7.3
1978.....	4.07	66	51.6	12.3	17.1	24.4
1979.....	4.18	60	35.8	7.9	1.3	24.6
1980.....	<sup>6</sup> 4.46	57/56	18.1	5.6	.1	21.4
1981.....	4.55	55	<sup>7</sup> 182.0	<sup>7</sup> 36.9	<sup>5</sup> 5.6	<sup>7</sup> 25.2
1982.....	4.64	.....	.....	.....	.....	.....

<sup>1</sup> Includes price-support payments per hundredweight of 53 cents from 1966 to 1970, and a guarantee of 52 cents in 1971, 68 cents in 1972, and 54 cents in 1973. Payments were made on a designated portion of the base. Loan level protection for 1974 and 1975 is \$1.88; for 1976, \$2.55; for 1977–78, \$3.39; for 1979, \$3.57 and, for 1980–81, \$3.82 on entire production. For 1974 to 1977, the target level is a price guarantee on allotment production at levels indicated under support price. For 1978 and subsequent crops, income support on entire planted acreage in program.

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

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

<sup>4</sup> Includes deliveries from original program, the resale program, and over-deliveries as determined by weight of farm-stored grain when delivered to CCC.

<sup>5</sup> Uncommitted CCC inventory

<sup>6</sup> Producers who exceed their NCA will be eligible for the lower target price.

<sup>7</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 72.—Sorghum grain: United States exports by country of destination, 1979-80<sup>1</sup>

Country of destination	Year <sup>1</sup>		Country of destination	Year <sup>1</sup>	
	1979	1980		1979	1980
	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>
Western Hemisphere:			Asia:		
Canada.....	2,578	367	India.....		
Mexico.....	2,255,153	2,646,306	Israel.....	348,043	449,015
Other countries.....	217,335	581,338	Japan.....	3,972,694	2,725,360
Total Americas.....	2,475,066	3,228,011	Other countries.....	128,380	454,290
Europe:			Total Asia and Oceania.....	4,449,117	3,628,665
Belgium and Luxembourg.....	265	60,000	Africa:		
Germany, Fed. Rep. of.....			Senegal.....	12,526	13,266
Netherlands.....	69,065	11,485	South Africa.....	1,508	257
Norway.....	232,778	198,891	Other countries.....	36,160	56,647
Poland.....	107,466		Total Africa.....	50,194	70,170
Other countries.....	815,243	504,416	World total.....	8,199,196	7,701,640
Total Europe.....	1,224,817	774,792			

<sup>1</sup> Year beginning Oct. 1

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

Table 73.—Feed grains: United States exports under specified Government programs, 1965-80

Year <sup>1</sup>	Public Law 480					Mutual security (AID)	Total specified Government programs
	Title I sales		Title II donations		Title III		
	Sales for foreign currency <sup>2</sup>	Long-term dollar and convertible foreign currency credit sales <sup>3</sup>	Government-to-government and World Food Program <sup>4</sup>	Voluntary relief agencies <sup>5</sup>	Barter for strategic materials <sup>6</sup>		
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
1965.....	1,439	364	160	11	34	8	2,016
1966.....	2,941	234	278	41	9	5	3,508
1967.....	1,105	490	95	15		1	1,706
1968.....	46	676	51	14		1	788
1969.....	91	978	125	4			1,198
1970.....	79	784	301	1			1,165
1971.....	90	1,123	174				1,387
1972.....	9	1,275	177	1			1,462
1973.....		379	452	14		115	960
1974.....		14	142	2			158
1975.....			56	6		148	210
( <sup>7</sup> ).....		(85)	(11)	(1)		(610)	(657)
1976.....		480	46	3		1,306	1,834
1977.....		424	160			1,440	2,024
1978.....		565	113	7		1,445	2,130
1979.....		637	229	39		224	1,129
1980.....		553	216	17		444	1,230

<sup>1</sup> Year beginning July 1 for 1965-75 and Oct. 1 starting in 1976.<sup>2</sup> Authorized by Title I, P.L. 480.<sup>3</sup> Shipments under agreements signed through Dec. 31, 1966, authorized by Title IV, P.L. 480. Shipments under agreements signed from Jan 1, 1967, authorized by Title I, P.L. 480, as amended by P.L. 89-808.<sup>4</sup> Authorized by Title II, P.L. 480.<sup>5</sup> Authorized by Sec. 416 of the Agricultural Act of 1949 and Sec 302, Title III, P.L. 480 through Dec. 31, 1966. Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan 1, 1967.<sup>6</sup> Authorized by Sec. 303, Title III, P.L. 480, and other legislation.<sup>7</sup> Foreign Assistance Act of 1961, as amended.<sup>8</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

Economic Research Service.

Table 74.—Commercial feeds: Disappearance for feed, United States, 1965–80

Year beginning October	Oilseed cake and meal						Animal protein			
	Soy-bean	Cotten-seed	Linseed	Peanut	Copra <sup>1</sup>	Total	Tank-age and meat meal	Fish meal	Dried milk <sup>2</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
1965.....	10,272	2,554	274	127	99	13,326	1,960	627	242	2,829
1966.....	10,820	1,755	248	115	90	13,028	2,068	827	255	3,150
1967.....	10,753	1,462	183	133	119	12,650	2,059	1,083	250	3,392
1968.....	11,525	2,086	197	135	111	14,054	2,021	835	235	3,091
1969.....	13,582	1,794	182	122	83	15,763	2,014	567	230	2,811
1970.....	13,467	1,693	258	173	99	15,690	2,039	609	260	2,908
1971.....	13,173	1,885	264	174	100	15,596	1,879	752	330	2,961
1972.....	11,972	2,225	212	180	100	14,689	1,739	459	330	2,528
1973.....	13,766	2,078	184	130	.....	16,158	1,854	350	315	2,519
1974.....	12,501	1,807	95	151	.....	14,554	1,981	444	150	2,575
1975.....	15,552	1,238	84	313	.....	17,187	2,001	508	147	2,656
1976.....	14,001	1,519	127	203	.....	15,850	2,200	414	138	2,752
1977.....	16,277	2,026	83	89	.....	18,475	2,329	418	161	2,908
1978.....	17,719	1,598	83	138	.....	19,538	2,323	509	158	2,990
1979.....	19,000	1,900	75	136	351	21,462	2,598	409	138	3,145
1980 <sup>3</sup> .....	17,385	1,712	70	120	464	19,751	2,458	416	136	3,010

  

Year beginning October	Mill products <sup>4</sup>								Total commercial feeds
	Wheat mill-feeds	Gluten feed and meal <sup>5</sup>	Rice mill-feeds	Brew-er's dried grains	Distill-ers' dried grains	Dried and molas-ses beet pulp <sup>6</sup>	Alfalfa meal	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
1965.....	4,613	1,135	395	304	426	1,153	1,652	9,678	25,833
1966.....	4,499	1,193	451	324	425	1,129	1,599	9,620	25,798
1967.....	4,490	1,053	476	336	447	1,130	1,550	9,482	25,524
1968.....	4,469	963	494	333	437	1,523	1,662	9,881	27,026
1969.....	4,633	1,000	490	361	428	1,675	1,545	10,132	28,706
1970.....	4,499	1,237	436	361	382	1,509	1,584	10,007	28,605
1971.....	4,364	1,067	479	369	404	1,570	1,568	9,821	28,378
1972.....	4,397	1,262	446	361	428	1,566	1,799	10,259	27,476
1973.....	4,465	1,361	471	348	456	1,375	1,555	10,031	28,708
1974.....	4,693	1,502	576	346	339	1,325	1,557	10,338	27,467
1975.....	4,933	1,477	547	321	400	1,861	1,569	11,108	30,951
1976.....	4,797	1,038	602	297	374	1,756	1,202	10,066	28,668
1977.....	4,970	1,223	552	282	403	1,451	1,497	10,378	31,761
1978.....	4,944	1,194	633	309	495	1,501	1,371	10,447	32,975
1979.....	4,851	505	707	338	495	1,637	1,261	9,794	34,401
1980 <sup>3</sup> .....	5,114	280	778	320	499	1,978	1,096	10,065	32,826

<sup>1</sup> Beginning 1979 quantity shown is for sunflower meal.

<sup>2</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years.

<sup>3</sup> Preliminary.

<sup>4</sup> Other mill products that are not listed include screenings, hominy, and oats feeds etc., for which no statistics are available.

<sup>5</sup> Adjusted for export data.

<sup>6</sup> Does not include wet sugarbeet pulp.

Economic Research Services.

**Table 75.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1965–81**

Year beginning October	Quantity for feeding <sup>1</sup>						High-protein animal units	Quantity per animal unit	High-protein feed prices
	Oilseed meal			Animal protein	Grain protein <sup>(2)</sup>	Total			
	Soybean meal	Other oilseed meals <sup>2</sup>	Total						
1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Million units	Pounds	Index numbers 1967=100
1965	10,230	3,780	15,010	2,862	2,787	19,659	100.0	394	105
1966	11,844	1,994	13,838	3,149	2,819	19,806	103.4	384	103
1967	11,770	1,711	13,481	3,391	2,311	19,183	102.9	372	99
1968	12,589	2,293	14,882	3,092	2,182	20,156	104.1	388	96
1969	14,832	1,980	16,812	2,811	2,254	21,877	105.2	416	105
1970	14,723	2,000	16,723	2,909	2,404	22,036	107.6	410	105
1971	14,381	2,187	16,568	2,971	2,318	21,857	107.2	408	117
1972	12,991	2,462	15,453	2,532	2,584	20,669	105.5	390	272
1973	14,134	2,182	16,316	2,520	2,732	21,568	104.1	414	197
1974	13,386	1,897	15,283	3,105	1,350	19,688	96.7	408	171
1975	16,588	1,595	18,183	3,217	1,472	22,872	100.7	454	193
1976	14,934	1,731	16,665	3,446	1,315	21,426	102.9	416	252
1977	17,294	1,731	19,025	3,346	1,082	23,453	104.5	448	213
1978	18,455	1,907	20,362	3,118	1,178	24,658	108.0	456	248
1979	20,042	2,172	22,214	3,132	1,774	27,120	114.6	474	240
1980	18,325	1,919	20,244	3,156	1,122	24,522	113.9	430	279
1981 <sup>4</sup>	18,753	2,167	20,920	3,128	1,135	25,183	110.5	456	.....

<sup>1</sup>In terms of 44 percent protein soybean meal equivalent.

<sup>2</sup>Includes cottonseed, linseed, peanut meal, and sunflower meal. Includes 30,000 tons previously excluded for industrial uses and for fertilizer.

<sup>3</sup>Beginning 1966, adjusted for exports of corn gluten feed and meal.

<sup>4</sup>Preliminary.

Economic Research Service.

**Table 76.—Feed concentrates fed to livestock and poultry, 1965–81**

Year beginning October	Feed grains				Wheat	Rye	By-product feeds <sup>1</sup>	Total concentrates	Grain consuming animal units	Concentrates fed per grain-consuming animal unit
	Corn	Sorghum	Oats and barley	Total						
1965	81.5	16.1	18.7	116.3	2.6	0.3	39.6	158.8	74.4	2.13
1966	71.5	17.1	17.9	106.5	2.6	.3	36.7	146.1	77.2	1.89
1967	82.1	15.2	18.0	115.3	2.7	.3	36.5	154.8	77.1	2.01
1968	83.8	17.6	14.5	115.9	4.1	.3	43.2	163.5	78.4	2.09
1969	95.6	18.0	19.0	132.6	4.0	.3	40.4	177.3	78.5	2.26
1970	100.6	19.0	19.0	138.6	5.9	.4	40.0	184.9	80.0	2.31
1971	111.5	19.1	18.4	149.0	5.9	.5	40.2	195.6	80.2	2.44
1972	120.2	18.8	16.2	155.2	7.9	.5	39.8	203.4	79.4	2.56
1973	117.0	19.3	15.1	151.4	4.2	.3	40.8	196.7	78.5	2.51
1974	89.0	11.9	13.5	114.4	.6	.2	38.4	153.6	69.8	2.20
1975	99.6	14.3	13.2	127.1	1.7	.2	36.8	165.8	74.6	2.02
1976	100.4	12.0	11.5	123.9	7.4	.1	34.2	165.6	75.9	1.98
1977	103.4	13.2	12.6	129.2	5.6	.2	37.3	172.3	79.0	1.98
1978	115.7	15.7	13.4	144.8	5.4	.2	38.6	189.0	80.0	2.15
1979	127.2	13.7	12.8	153.7	2.0	.5	43.8	200.0	82.3	2.13
1980	115.1	8.8	13.1	137.0	1.2	.5	41.7	180.4	80.6	2.03
1981 <sup>2</sup>	119.0	12.6	11.8	143.4	5.7	.5	41.1	190.7	80.0	2.16

<sup>1</sup>Oilseed meals, animal protein feeds, mill byproducts and mineral supplements.

<sup>2</sup>Preliminary.

Economic Research Service.



Table 77.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1965-80

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 <sup>1</sup>	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced <sup>2</sup>	Per head	Per 100 pounds produced <sup>3</sup>
	Per head	Per 100 pounds milk produced							
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1965.....	9,270	122	4,433	7,049	3,533	3,976	1,074	929	2,165
1966.....	9,434	120	4,643	7,149	3,542	4,004	1,064	947	1,925
1967.....	9,876	121	4,558	7,653	3,611	4,143	1,087	974	1,958
1968.....	10,092	120	4,602	8,068	3,591	4,227	1,107	974	1,906
1969.....	10,524	109	4,742	8,611	3,566	4,261	1,107	915	1,713
1970.....	10,600	107	4,657	9,155	3,494	4,230	1,107	943	1,731
1971.....	11,370	112	5,859	9,198	3,637	4,391	1,147	1,008	1,848
1972.....	11,250	112	4,907	8,811	3,718	4,398	1,175	1,031	1,993
1973.....	11,570	113	5,774	7,708	5,303	5,595	1,539	2,021	1,744
1974.....	11,543	112	5,571	5,584	5,178	5,480	1,468	1,856	2,332
1975.....	11,540	109	6,303	7,593	5,247	6,031	2,183	1,260	2,386
1976.....	11,809	108	6,405	6,516	5,344	5,871	1,899	1,840	2,114
1977.....	12,129	110	6,864	6,524	5,251	5,421	1,374	1,442	2,552
1978.....	12,494	110	6,700	8,196	5,240	5,648	1,457	1,397	2,349
1979.....	12,978	111	6,800	8,122	5,437	5,757	1,411	1,373	2,497
1980 <sup>4</sup> .....	12,770	110	6,606	7,812	5,581	5,840	1,431	1,437	2,613

  

Year beginning October	Poultry								Hogs per 100 pounds produced	Horses and mules 2 years and over per head
	Hens and pullets		Chickens raised		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		
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1965.....	93	53	30	614	10.6	302	103	565	603	5,312
1966.....	93	55	30	619	10.8	305	100	403	602	5,040
1967.....	94	55	30	637	10.4	292	99	411	593	5,115
1968.....	96	56	31	630	9.8	273	99	409	596	4,904
1969.....	97	57	31	646	9.2	254	98	415	587	4,880
1970.....	96	57	31	646	9.4	257	96	408	572	4,880
1971.....	99	57	32	675	9.3	248	96	407	594	4,880
1972.....	99	57	32	672	9.1	245	95	419	640	4,867
1973.....	100	59	32	663	9.7	257	94	400	660	3,607
1974.....	100	57	26	540	10.1	268	82	401	530	3,592
1975.....	101	56	26	540	7.7	223	71	381	566	3,547
1976.....	105	58	25	542	8.7	236	70	378	584	3,678
1977.....	103	56	24	560	8.6	225	79	408	633	3,680
1978.....	107	58	26	550	9.3	243	79	439	662	3,656
1979.....	107	62	26	565	9.4	263	76	414	688	3,860
1980 <sup>4</sup> .....	106	61	25	560	9.5	265	76	415	647	3,825

<sup>1</sup>Feed consumed by all cattle divided by the number on feed Jan. 1.<sup>2</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>3</sup>About 19 pounds of wool were produced with each 100 pounds live-weight production.<sup>4</sup>Preliminary.

Economic Research Service.

**Table 78.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1965-81**

Year beginning October	Concentrates	Harvested roughage	Pasture	Total	Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>		<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>	<i>Million tons</i>
1965	168	76	249	485	1974	151	85	268	504
1966	151	76	248	475	1975	173	96	243	512
1967	161	77	242	480	1976	179	100	228	507
1968	169	78	233	480	1977	183	89	214	486
1969	182	74	227	483	1978	205	94	201	500
1970	178	74	238	490	1979	210	101	211	522
1971	184	74	238	496	1980 <sup>1</sup>	193	102	232	527
1972	189	74	241	504	1981 <sup>2</sup>	201	103	237	541
1973	192	77	244	513					

<sup>1</sup> Preliminary.

<sup>2</sup> Estimated.

Economic Research Service.

**Table 79.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1965-81<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>
1965	74,389	88,892	82,549	1974	70,235	103,765	90,865
1966	77,196	88,202	84,022	1975	74,795	98,224	88,882
1967	77,125	88,122	83,941	1976	76,059	94,839	87,296
1968	78,443	87,532	84,071	1977	77,711	89,536	85,669
1969	78,458	87,964	84,347	1978	80,437	86,009	83,545
1970	79,868	89,861	86,073	1979	82,257	87,452	85,220
1971	80,000	91,057	86,642	1980	80,535	90,583	85,668
1972	79,359	93,198	87,926	1981 <sup>5</sup>	80,065	92,812	87,348
1973	78,354	99,520	91,429				

<sup>1</sup> Index series based on average feeding rates for years 1969-71. In calculations for the feeding years 1969 to date, cattle numbers used are the new categories shown in the Livestock and Poultry Inventory, published by SRS, USDA.

<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.

## GRAIN PRICES

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Table 80.—Feed grains: Average price, selected markets and grades, 1965-80 <sup>1</sup>

Crop year <sup>2</sup>	Kansas City			Minneapolis			
	Corn, No. 2 Yellow	Corn, No. 2 White	Sorghum, No. 2 Yellow	Corn, No. 2 Yellow	Barley, No. 3 or Better malting	Barley, No. 2 Feed <sup>3</sup>	Oats, No. 2 White
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cut</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>
1965	1.32	1.39	1.98	1.25	1.28	1.20	0.68
1966	1.35	1.46	2.11	1.29	1.30	1.21	.72
1967	1.20	1.33	1.96	1.10	1.20	1.14	.71
1968	1.23	2.24	1.97	1.16	1.11	1.01	.65
1969	1.31	1.70	2.07	1.20	1.06	.98	.64
1970	1.45	1.94	2.32	1.35	1.18	1.11	.69
1971	1.27	1.26	2.05	1.16	1.13	1.04	.66
1972	1.93	2.48	3.24	1.70	1.44	1.17	.82
1973	2.91	3.66	4.64	2.78	2.67	2.03	1.30
1974	3.08	4.09	5.04	3.05	4.16	2.58	1.68
1975	2.69	2.92	4.46	2.67	3.52	2.38	1.66
1976	2.26	2.91	3.49	2.25	3.13	2.35	1.74
1977	2.28	3.30	3.54	2.13	2.27	1.68	1.27
1978	2.56	2.93	4.00	2.32	2.38	1.80	1.43
1979	2.72	4.70	4.65	2.53	2.87	2.16	1.57
1980	3.29	4.96	5.36	3.13	3.64	2.60	2.04

  

Crop year <sup>2</sup>	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains Sorghum, No. 2 Yellow <sup>4</sup>	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	Sorghum, No. 2 Yellow	
	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cut</i>	<i>Dollars per bushel</i>	<i>Dollars per bushel</i>	<i>Dollars per cut</i>	<i>Dollars per bushel</i>
1965	1.27	1.32	2.27	1.62	1.32	2.45	1.37
1966	1.29	1.36	2.40	1.60	1.37	2.56	1.41
1967	1.16	1.14	2.27	1.50	1.22	2.45	1.16
1968	1.21	1.22	2.31	1.56	1.29	2.53	1.23
1969	1.24	1.31	2.42	1.62	1.29	2.64	1.33
1970	1.39	1.47	2.73	1.79	1.42	2.99	1.45
1971	1.23	1.23	2.12	1.71	1.47	2.82	1.19
1972	1.80	1.91	3.34	2.39	1.76	4.16	1.85
1973	2.79	2.95	4.78	3.43	2.70	5.64	2.87
1974	3.05	3.12	5.08	3.66	3.14	6.12	3.07
1975	2.66	2.75	4.47	3.34	2.81	5.63	2.70
1976	2.15	2.30	3.64	2.86	2.61	4.68	2.25
1977	2.08	2.26	3.88	2.99	2.35	4.82	2.23
1978	2.28	2.54	4.40	3.39	2.53	5.44	2.51
1979	2.49	2.81	4.97	3.74	2.96	6.32	2.73
1980	3.13	3.38	5.86	4.48	3.57	7.31	3.35

<sup>1</sup>Simple average of daily prices.<sup>2</sup>Crop year begins October for corn and sorghum. For barley and oats, crop year began in July from 1965-72 and June for 1973-80.<sup>3</sup>Barley No. 3 or better for 1965-72.<sup>4</sup>Fort Worth for 1965-70.

Agricultural Marketing Service.

Table 81.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1965-80

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish-meal	Wheat bran
	44% protein	49-50% protein	24% protein	41% protein	34% protein	20% protein	45% protein	50% protein	60% protein	60% protein	
	Decatur	Decatur	Fort Worth	Memphis	Minneapolis	Los Angeles	S.E. mills	Chicago	Chicago	Los Angeles	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1965.....	81.50	89.60	73.40	72.40	74.50	84.80	79.50	105.30	111.00	152.20	39.80
1966.....	78.80	86.30	81.30	77.50	74.40	80.80	82.50	94.00	98.10	129.00	45.70
1967.....	76.90	84.30	77.50	77.40	76.50	82.80	81.10	88.80	92.50	117.10	39.70
1968.....	74.10	82.50	67.60	65.20	78.40	76.70	80.00	91.60	94.90	132.20	40.20
1969.....	78.40	86.60	79.40	71.40	78.30	77.70	80.40	107.00	109.50	175.50	42.50
1970.....	78.50	84.30	81.60	72.30	62.60	80.00	77.70	95.60	99.60	145.50	45.00
1971.....	90.20	98.20	83.40	75.60	72.50	80.00	85.50	111.25	112.50	145.20	41.90
1972.....	229.00	253.40	165.70	161.20	159.20	.....	.....	262.90	269.40	333.50	70.40
1973.....	146.40	160.60	138.90	130.70	128.00	.....	.....	187.90	202.40	339.10	90.80
1974.....	130.90	141.25	127.60	119.00	126.70	.....	129.30	149.30	159.90	245.60	86.60
1975.....	147.80	157.70	152.90	145.00	134.60	.....	150.90	174.10	184.10	247.90	88.60
1976.....	199.80	218.70	179.50	173.60	156.90	.....	207.40	220.70	230.90	.....	81.80
1977.....	164.20	179.40	147.20	139.70	137.75	.....	164.40	198.40	208.50	.....	70.00
1978.....	190.10	206.20	171.60	164.80	152.20	.....	198.50	237.70	247.90	.....	87.00
1979.....	181.90	197.00	177.40	164.10	154.40	.....	186.10	227.25	.....	.....	95.60
1980.....	218.20	235.10	206.60	197.10	160.50	.....	236.00	232.20	.....	.....	103.40

  

Year beginning October	Wheat middlings	Wheat shorts or middlings	Wheat mill-run	Gluten feed	Hominy feed	Distillers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses	Index numbers Jan.-Dec. 1967 = 100 <sup>1</sup>
	Minneapolis	Kansas City	Portland	Chicago	Chicago	Cincinnati	Milwaukee	Dehydrated, 17% protein	Sun-cured		
								Kansas City	Kansas City		
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1965.....	41.90	41.70	47.70	47.40	44.20	59.90	46.00	49.70	40.00	19.90	103.6
1966.....	45.30	45.90	46.00	50.10	46.00	64.50	50.70	53.40	43.90	29.29	103.2
1967.....	39.80	39.70	41.80	44.90	39.00	52.70	45.90	39.10	37.20	25.60	97.3
1968.....	39.90	40.20	41.60	43.70	41.10	55.30	45.00	42.40	38.30	20.20	95.1
1969.....	42.30	42.50	42.60	47.80	43.20	57.90	48.90	45.30	40.00	24.80	103.7
1970.....	43.90	45.00	49.80	45.70	45.70	64.40	51.50	48.10	44.80	25.10	110.9
1971.....	40.40	41.90	46.90	47.10	39.20	61.30	51.10	48.40	45.10	26.10	112.7
1972.....	68.50	70.40	75.70	75.20	60.90	102.00	87.25	77.60	63.30	48.30	246.6
1973.....	88.30	90.80	107.00	90.20	92.50	114.30	99.30	91.40	79.40	68.70	197.7
1974.....	84.00	85.60	107.30	88.20	90.50	117.00	90.75	81.00	73.70	51.50	174.6
1975.....	86.20	89.00	103.00	93.80	85.40	112.40	97.60	101.70	91.10	48.60	193.1
1976.....	82.40	81.80	90.40	107.25	74.30	132.40	112.75	95.40	84.30	44.80	239.4
1977.....	64.80	70.00	84.80	91.30	70.20	121.20	89.90	76.00	67.50	42.70	202.8
1978.....	80.20	87.70	97.80	120.80	80.40	127.80	106.20	100.75	86.70	79.10	242.0
1979.....	83.00	95.60	116.00	125.25	87.60	137.80	110.40	109.60	92.40	90.70	244.7
1980.....	92.80	103.40	129.60	120.20	105.40	161.90	116.00	122.40	108.70	98.90	257.8

<sup>1</sup>Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean, cottonseed, meat meal, tankage, fishmeal, wheat meals; bran, middlings, and millrun; gluten feed and meal; hominy feed, brewers' and distillers' dried grains; alfalfa meal; rice bran and feeding molasses.

Agricultural Marketing Service.

## CHAPTER II

# STATISTICS OF COTTON, TOBACCO, SUGAR CROPS, AND HONEY

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

**Table 82.—Cotton: Area, yield, production, and value, United States, 1965-81**

Year	Area		Yield per harvested acre	Production	Season average price per pound received by farmers <sup>1</sup>	Value of production <sup>1</sup>
	Planted	Harvested				
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 bales</i> <sup>2</sup>	<i>Cents</i>	<i>1,000 dollars</i>
1965.....	14,152.3	13,612.7	527	14,937.9	29.37	2,106,088
1966.....	10,349.4	9,552.6	480	9,556.8	21.75	997,467
1967.....	9,449.6	7,997.3	447	7,443.4	26.70	953,820
1968.....	10,912.9	10,159.3	516	10,925.7	23.11	1,212,021
1969.....	11,882.5	11,051.1	434	9,990.2	22.00	1,054,981
1970.....	11,945.2	11,155.0	438	10,192.1	21.98	1,121,622
1971.....	12,354.9	11,470.9	438	10,477.0	28.23	1,419,624
1972.....	14,001.3	12,983.8	507	13,704.1	27.3	1,798,960
1973.....	12,479.7	11,970.2	520	12,974.0	44.6	2,779,504
1974.....	13,679.4	12,546.6	442	11,540.1	42.9	2,374,064
1975.....	9,477.6	8,796.0	453	8,301.6	51.3	2,043,678
1976.....	11,635.5	10,913.5	465	10,580.6	64.1	3,254,954
1977.....	13,679.5	13,275.3	520	14,389.2	52.3	3,614,938
1978.....	13,375.1	12,400.0	420	10,855.8	58.4	3,044,991
1979.....	13,977.5	12,830.9	547	14,629.3	62.5	4,391,378
1980.....	14,533.8	13,214.8	404	11,122.1	74.7	3,986,678
1981 <sup>3</sup> .....	14,330.1	13,841.2	543	15,645.7	<sup>4</sup> 54.7	4,109,069

<sup>1</sup> Net weight price. Includes allowance for unredeemed loans. Does not include Government program payments.

<sup>2</sup> 480-pound net weight bales.

<sup>3</sup> Preliminary.

<sup>4</sup> Average to Apr. 1, 1982, with no allowance for unredeemed loans.

Statistical Reporting Service. Production figures conform with The Bureau of the Census annual ginning enumerations.

Table 83.—Cotton: Area, yield, and production, by States, 1979–81

State	Area planted			Area harvested			Yield per harvested acre			Production <sup>1</sup>		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <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 bales	1,000 bales	1,000 bales
Upland:												
Ala.....	310.0	325.0	377.0	305.0	321.0	372.0	510	411	545	324.0	275.0	422.0
Ariz.....	580.0	550.0	600.0	575.0	549.0	599.0	1,069	1,184	1,247	1,280.0	1,354.0	1,556.0
Ark.....	610.0	700.0	610.0	530.0	645.0	560.0	549	330	518	606.0	444.0	604.0
Calif.....	1,650.0	1,550.0	1,540.0	1,635.0	1,540.0	1,530.0	1,000	969	1,109	3,408.0	3,109.0	3,535.0
Fla.....	3.4	6.0	18.0	3.4	5.9	17.0	565	610	601	4.0	7.5	21.3
Ga.....	155.0	170.0	180.0	150.0	160.0	175.0	486	258	436	152.0	86.0	159.0
La.....	470.0	570.0	700.0	465.0	560.0	695.0	712	394	512	690.0	460.0	742.0
Miss.....	1,090.0	1,150.0	1,230.0	1,050.0	1,125.0	1,200.0	657	488	626	1,437.0	1,143.0	1,565.0
Mo.....	157.0	245.0	242.0	137.0	241.0	183.0	550	353	441	157.0	177.0	168.0
Nev.....	1.1	1.0	1.1	1.1	.9	.9	655	640	800	1.5	1.2	1.5
N. Mex.....	154.0	151.0	136.0	126.0	120.0	106.0	396	428	602	104.0	107.0	133.0
N.C.....	46.0	66.0	83.0	45.0	65.0	82.0	455	381	558	43.0	52.0	95.0
Okla.....	600.0	715.0	650.0	580.0	565.0	640.0	432	174	330	522.0	205.0	440.0
S.C.....	11.0	122.0	119.0	109.0	120.0	118.0	510	309	667	116.0	77.0	164.0
Tenn.....	250.0	290.0	325.0	230.0	275.0	305.0	357	349	496	171.0	200.0	315.0
Tex.....	7,700.0	7,850.0	7,460.0	6,800.0	6,850.0	7,200.0	389	233	376	5,515.0	3,320.0	5,645.0
Va.....	.3	.3	.4	.3	.3	.3	320	320	480	.2	.2	.3
U.S.....	13,886.8	14,461.3	14,271.5	12,741.8	13,143.1	13,783.2	547	402	542	14,530.7	11,017.9	15,566.1
American-Pima:												
Ariz.....	43.5	42.3	33.8	43.3	42.1	33.6	743	824	767	67.0	72.3	53.7
Calif.....	.1	.1	.0	.1	.1	.0	480	480	0	.1	.1	.0
N. Mex.....	16.0	7.1	7.1	14.8	7.0	6.8	246	464	558	7.5	6.8	7.9
Tex.....	31.1	23.0	17.7	30.9	22.5	17.6	373	533	491	24.0	25.0	18.0
U.S.....	90.7	72.5	58.6	89.1	71.7	58.0	531	698	659	98.6	104.2	79.6
U.S., all..	13,977.5	14,533.8	14,330.1	12,830.9	13,214.8	13,841.2	547	404	543	14,629.3	11,122.1	15,645.7

<sup>1</sup> Production ginned and to be ginned.<sup>2</sup> Preliminary.<sup>3</sup> 480-pound, net weight bales.

Statistical Reporting Service.

Table 84.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1974–81

State	Crop of—								
	1974	1975	1976	1977	1978	1979	1980	1981	
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Ala.....	11	4	70	9	15	26	32	32	6
Ariz.....	40	23	77	45	35	30	46	46	7
Ark.....	30	17	86	18	38	27	62	62	16
Calif.....	55	34	65	29	62	30	45	45	12
Ga.....	4	1	33	1	( <sup>1</sup> )	8	14	14	10
La.....	21	2	72	6	29	23	41	41	8
Miss.....	37	17	70	30	48	50	80	80	28
Mo.....	36	12	84	23	46	40	79	79	26
N. Mex.....	13	( <sup>1</sup> )	68	17	13	10	7	7	1
N.C.....	8	4	42	16	26	18	43	43	8
Okla.....	( <sup>1</sup> )	( <sup>1</sup> )	23	18	26	23	4	4	2
S.C.....	17	16	42	33	31	34	57	57	24
Tenn.....	17	1	65	2	17	13	46	46	9
Tex.....	7	1	26	18	9	15	22	22	8
U.S.....	21	10	50	20	25	22	35	35	10

<sup>1</sup> Less than 0.5 percent.

Agricultural Marketing Service.

**Table 85.—Cotton: Production, season average price per pound, and value, by States, 1979-81**

State	Production <sup>1</sup>			Price for crop of—			Value of production		
	1979	1980	1981 <sup>2</sup>	1979 <sup>3</sup>	1980 <sup>3</sup>	1981 <sup>4</sup>	1979 <sup>3</sup>	1980 <sup>3</sup>	1981 <sup>2,4</sup>
	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Upland:									
Ala.....	324.0	275.0	422.0	65.3	79.2	57.0	101,555	104,544	115,459
Ariz.....	1,280.0	1,354.0	1,556.0	68.1	74.2	55.7	416,406	482,241	416,012
Ark.....	606.0	444.0	604.0	65.3	76.7	57.0	189,945	163,463	165,254
Calif.....	3,408.0	3,109.0	3,535.0	68.9	77.8	63.4	1,127,094	1,161,025	1,075,771
Fla.....	4.0	7.5	21.3	65.0	85.0	57.0	1,248	3,060	5,828
Ga.....	152.0	86.0	159.0	65.5	77.9	55.7	47,789	32,157	42,510
La.....	690.0	460.0	742.0	64.0	77.8	55.4	211,968	171,782	197,313
Miss.....	1,437.0	1,143.0	1,565.0	63.5	76.4	57.0	437,998	419,161	428,184
Mo.....	157.0	177.0	168.0	62.4	72.7	56.0	47,025	61,766	45,158
Nev.....	1.5	1.2	1.5	68.0	80.0	63.0	490	461	454
N. Mex.....	104.0	107.0	133.0	68.5	81.0	58.0	34,195	41,602	37,027
N.C.....	43.0	52.0	95.0	64.7	79.5	58.0	13,354	19,843	26,448
Okla.....	522.0	205.0	440.0	59.7	76.6	41.9	149,584	15,374	88,493
S.C.....	116.0	77.0	164.0	66.2	79.6	57.9	36,860	29,420	45,579
Tenn.....	171.0	200.0	315.0	62.9	78.3	54.3	51,628	75,168	82,102
Tex.....	5,515.0	3,320.0	5,645.0	55.7	68.5	48.0	1,474,490	1,091,616	1,300,608
Va.....	.2	.2	.3	66.0	79.5	58.0	63	76	84
U.S.....	14,530.7	11,017.9	15,566.1	62.3	74.4	54.5	4,343,692	3,932,759	4,072,284
American-Pima:									
Ariz.....	67.0	72.3	53.7	101.0	108.0	94.0	32,482	37,480	24,229
Calif.....	.1	.1	.0	101.0	108.0	.....	48	52	.....
N. Mex.....	7.5	6.8	7.9	101.0	105.0	101.0	3,636	3,927	3,830
Tex.....	24.0	25.0	18.0	100.0	108.0	101.0	11,520	12,960	8,726
U.S.....	98.6	104.2	79.6	101.0	108.0	96.3	47,686	53,919	36,785
U.S., all.....	14,629.3	11,122.1	15,645.7	62.5	74.7	54.7	4,391,378	3,986,678	4,109,069

<sup>1</sup>Production ginned and to be ginned. <sup>2</sup>Preliminary. <sup>3</sup>Includes allowance for unredeemed loans. <sup>4</sup>Aver-  
age to Apr. 1, 1982 with no allowance for unredeemed loans. <sup>5</sup>480-pound net weight bales.  
Statistical Reporting Service.

**Table 86.—Cotton, American upland: Price-support operations, United States, 1965-81**

Year beginning August	Support price <sup>1,2</sup>		Put under support <sup>4</sup>		Acquired by CCC under support <sup>5</sup>	Owned by CCC July 31
	Per pound	Percentage of parity <sup>3</sup>	Quantity	Percentage of production		
	Cents	Percent	1,000 bales <sup>6</sup>	Percent	1,000 bales <sup>6</sup>	1,000 bales <sup>6</sup>
1965.....	32.60	71	6,926	46.7	5,306	9,715
1966.....	29.63	73	3,094	32.6	1,415	6,677
1967.....	31.00	74	1,483	20.1	32	552
1968.....	31.93	.....	4,415	40.7	2,775	24
1969.....	34.44	.....	3,670	37.2	1,066	1,890
1970.....	36.95	.....	2,386	23.7	10	262
1971.....	35.00	.....	1,210	11.9	(?)	1
1972.....	35.85	65	1,910	14.5	(?)	0
1973.....	41.52	65	1,736	13.9	(?)	0
1974.....	*38.00	.....	2,420	21.5	(?)	0
1975.....	*38.00	.....	691	8.5	(?)	0
1976.....	*43.20	.....	941	9.2	(?)	0
1977.....	*47.80	.....	4,518	31.6	2	(?)
1978.....	*52.00	.....	1,524	14.2	(?)	(?)
1979.....	*57.70	.....	1,720	11.8	(?)	(?)
1980.....	*58.40	.....	2,276	20.7	(?)	(?)
1981.....	*70.87	.....	*6,000	*39.0	(?)	(?)

<sup>1</sup>Average of the crop from 1966 through 1970; Middling 1-inch, micronaire 3.5-4.9, net weight for 1971 through 1973, established "target" price for 1974 and succeeding years. <sup>2</sup>Includes price-support payments as follows: To program participants on projected production from farm's domestic allotment, 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; and, on production from area planted within the farm base area allotment, 15 cents in 1971, 1972, and 1973. <sup>3</sup>Percentage of parity price as of the beginning of the marketing year. <sup>4</sup>Includes loans made. <sup>5</sup>Acquisitions from crop harvested in the year indicated and not acquisitions during that year. <sup>6</sup>Running bales. <sup>7</sup>Less than 500 bales. <sup>8</sup>Established price or "target" price. If the average market price is below the target price, eligible producers will receive payment at a rate equal to the difference between the target price and the higher of the loan level or the average market price. No payments were made on the 1973-80 crops. <sup>9</sup>Estimated.

Agricultural Stabilization and Conservation Service.

Table 87.—Cotton: Area, yield, and production in specified countries, 1979-81 <sup>1</sup>

Continent and country	Area			Yield per acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	kilo- grams	kilo- grams	kilo- grams	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
<b>North America:</b>									
United States .....	5,193	5,348	5,593	613	453	612	14,629	11,122	15,733
El Salvador .....	77	58	45	840	747	687	297	199	142
Guatemala .....	126	102	84	1,177	1,238	1,247	681	580	481
Honduras .....	11	9	8	792	774	871	40	32	32
Mexico .....	380	360	355	859	965	843	1,500	1,595	1,375
Nicaragua .....	45	94	95	494	788	791	102	340	345
Other N. America .....	37	37	37	247	247	247	42	42	42
<b>Total <sup>4</sup> .....</b>	<b>5,869</b>	<b>6,008</b>	<b>6,217</b>	<b>642</b>	<b>504</b>	<b>636</b>	<b>17,291</b>	<b>13,910</b>	<b>18,150</b>
<b>South America:</b>									
Argentina .....	565	300	405	283	283	333	735	390	620
Brazil .....	1,975	2,006	2,040	293	310	281	2,659	2,848	2,630
Colombia .....	219	211	151	571	548	557	574	531	386
Ecuador .....	17	23	18	717	606	702	56	64	58
Paraguay .....	220	290	300	340	360	345	344	480	475
Peru .....	140	143	137	694	679	618	446	446	389
Venezuela .....	41	16	18	457	490	484	86	36	40
Other South America .....	26	15	12	285	363	453	34	25	25
<b>Total <sup>4</sup> .....</b>	<b>3,203</b>	<b>2,998</b>	<b>3,081</b>	<b>335</b>	<b>350</b>	<b>327</b>	<b>4,934</b>	<b>4,820</b>	<b>4,623</b>
<b>Europe:</b>									
Greece .....	142	141	129	754	816	930	491	528	550
Italy .....	3	3	3	218	218	3	3	3	3
Spain .....	50	62	68	823	917	919	189	261	287
Bulgaria .....	16	16	16	327	299	272	24	22	20
Yugoslavia .....	2	1	2	218	435	327	2	2	3
Other Europe .....	30	30	28	267	267	286	37	37	35
<b>Total <sup>4</sup> .....</b>	<b>243</b>	<b>253</b>	<b>243</b>	<b>667</b>	<b>735</b>	<b>802</b>	<b>746</b>	<b>853</b>	<b>895</b>
<b>Soviet Union .....</b>	<b>3,090</b>	<b>3,147</b>	<b>3,139</b>	<b>925</b>	<b>988</b>	<b>957</b>	<b>13,126</b>	<b>14,275</b>	<b>13,800</b>
<b>Africa:</b>									
Angola .....	18	24	25	181	181	174	15	20	20
Cameroon .....	57	65	100	542	496	305	142	148	140
Central African Empire .....	87	78	90	123	126	109	49	45	45
Chad .....	188	166	250	176	189	174	152	144	200
Zaire .....	185	200	200	34	51	49	29	47	45
Kenya .....	130	140	145	84	86	90	50	55	60
Malawi .....	32	35	35	184	218	218	27	35	35
Morocco .....	9	13	11	556	536	594	23	32	30
Mozambique .....	110	110	110	139	119	139	70	60	70
Nigeria .....	240	225	215	124	119	091	137	123	90
Zimbabwe .....	125	134	112	517	523	428	297	322	220
South Africa .....	120	123	112	543	469	455	299	265	234
Sudan .....	411	429	425	282	207	225	533	407	440
Tanzania .....	496	390	480	122	130	125	278	233	275
Uganda .....	100	150	150	87	58	44	40	40	30
Egypt .....	502	523	495	963	1,011	1,045	2,220	2,428	2,375
Other Africa .....	662	619	665	319	300	290	969	852	887
<b>Total <sup>4</sup> .....</b>	<b>3,472</b>	<b>3,424</b>	<b>3,620</b>	<b>334</b>	<b>334</b>	<b>312</b>	<b>5,330</b>	<b>5,256</b>	<b>5,196</b>
<b>Asia and Oceania:</b>									
Afghanistan .....	60	50	50	635	435	435	175	100	100
Australia .....	70	84	95	1,160	1,140	1,116	373	440	487
Burma .....	194	228	247	83	126	153	74	132	174
China .....	4,500	4,900	5,100	491	552	576	10,140	12,430	13,500
India .....	8,078	8,100	8,300	162	165	167	6,011	6,129	6,360
Iran .....	220	145	150	455	360	363	460	240	250
Iraq .....	65	65	65	234	218	218	70	65	65
Israel .....	63	62	64	1,192	1,276	1,429	345	363	420
Korea, Rep. of .....	8	9	8	381	339	381	14	14	14
Pakistan .....	2,081	2,089	2,068	345	342	362	3,299	3,284	3,450
Yemen (Aden) .....	16	16	16	340	340	340	25	25	25
Syria .....	154	139	147	813	847	892	575	541	602
Thailand .....	120	155	168	394	444	456	217	316	352
Turkey .....	612	673	654	778	743	745	2,186	2,296	2,239
Other Asia .....	68	97	108	265	216	250	82	98	124
<b>Total <sup>4</sup> .....</b>	<b>16,309</b>	<b>16,812</b>	<b>17,240</b>	<b>321</b>	<b>343</b>	<b>356</b>	<b>24,046</b>	<b>26,473</b>	<b>28,162</b>
<b>World total <sup>4</sup> .....</b>	<b>32,186</b>	<b>32,642</b>	<b>33,540</b>	<b>443</b>	<b>437</b>	<b>460</b>	<b>65,473</b>	<b>65,587</b>	<b>70,826</b>

See footnotes on page 65.



Table 88.—Cotton: Supply and distribution, United States, 1965-81

Year beginning August	Supply					Distribution				
	Beginning of season		Ginnings in season <sup>1</sup>	Im-ports <sup>2</sup>	Total supply	Consumption		Ex-ports <sup>4</sup>	Carryover, end of season	
	Foreign	Total				Foreign	Total <sup>3</sup>		Foreign	Total
	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>	
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	31	6,521	9,903	49	16,473	41	7,991	2,768	27	5,760
1970	27	5,760	10,269	36	16,065	31	8,068	3,740	15	4,252
1971	15	4,252	10,187	72	14,511	37	8,039	3,229	24	3,234
1972	24	3,234	13,240	30	16,504	36	7,470	5,000	13	3,929
1973	13	3,929	12,773	48	16,750	33	7,172	5,746	11	3,743
1974	11	3,743	11,224	34	15,000	21	5,629	3,746	17	5,481
1975	17	5,481	8,174	92	13,746	23	6,986	3,178	48	3,594
1976	48	3,594	10,395	38	14,027	35	6,478	4,565	13	2,920
1977	13	2,920	14,076	5	17,002	12	6,236	5,219	6	5,326
1978	6	5,326	10,478	4	15,808	4	6,098	5,850	4	3,782
1979	4	3,782	14,389	5	18,177	3	6,261	8,779	2	3,027
1980	2	3,027	10,671	27	13,726	2	5,664	5,639	1	2,595
1981 <sup>6</sup>	1	2,595								

<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>Adjusted to marketing year. <sup>4</sup>Total exports minus re-exports. <sup>5</sup>Domestic in running bales, and foreign in equivalent bales of 500 pounds. <sup>6</sup>Preliminary.

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

Table 89.—Cotton: Mill consumption, by growths, United States, 1965-80

Year beginning August	Domestic			Foreign				All growths
	Upland <sup>1</sup>	American Pima	Total	Egyptian	Indian	Other	Total	
	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>	Bales <sup>2</sup>
1965	9,337,728	67,687	9,405,415	47,319	18,201	25,863	91,383	9,496,798
1966	9,297,954	64,077	9,362,031	44,626	16,304	25,872	86,802	9,448,833
1967	8,923,073	52,571	8,975,644	55,692	19,281	20,509	95,482	9,071,126
1968	8,066,550	73,392	8,139,942	38,699	22,218	13,748	74,665	8,214,607
1969	7,837,622	86,154	7,923,776	13,988	15,765	11,113	40,866	7,964,642
1970	7,958,398	78,765	8,037,163	15,401	11,608	3,596	30,605	8,067,768
1971	7,904,112	68,708	7,972,820	18,416	12,430	6,049	36,895	8,009,715
1972	7,453,068	78,831	7,531,899	11,611	18,026	6,699	36,336	7,568,235
1973	7,047,207	69,894	7,117,101	12,905	16,534	3,347	32,786	7,149,887
1974	5,534,413	48,519	5,582,932	8,857	7,808	4,192	20,857	5,603,789
1975	6,867,407	74,137	6,941,544	12,317	9,966	702	22,985	6,964,529
1976	6,394,441	48,395	6,442,836	18,194	6,593	10,101	34,888	6,477,724
1977	6,151,101	54,004	6,205,105	8,192	110	3,396	11,698	6,216,803
1978	6,114,150	62,146	6,176,296	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	4,143	6,180,439
1979	6,144,814	61,843	6,206,657	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,717	6,209,374
1980	5,579,743	59,375	5,639,118	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2,375	5,641,493

<sup>1</sup>Includes Sea Island cotton. <sup>2</sup>Domestic in running bales, counting round as half bales and foreign equivalent bales of 500 pounds. <sup>3</sup>Not reported separately.

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

## FOOTNOTES FOR TABLE 87

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

<sup>2</sup>Preliminary.

<sup>3</sup>480-pound net weight.

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

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

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1965-81

Year beginning August	White <sup>1</sup>				Light Spotted			All spotted	Other colored <sup>2</sup>	All grades <sup>3</sup>
	Strict Mid-ling and higher	Mid-ling	Strict Low Mid-ling	Low Mid-ling and lower	Strict Mid-ling and higher	Mid-ling	Strict low Mid-ling and lower			
	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>
<b>Carryover:</b>										
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
1970.....	105	1,127	1,977	738	66	576	815	144	87	5,635
1971.....	87	867	1,461	500	76	592	434	129	37	4,183
1972.....	55	525	981	545	18	121	464	351	90	3,150
1973.....	33	297	1,131	921	6	115	611	468	281	3,863
1974.....	31	529	1,287	656	15	500	490	134	45	3,687
1975.....	28	527	2,166	1,090	13	312	997	208	73	5,414
1976.....	25	525	1,176	761	4	176	551	227	68	3,513
1977.....	27	336	999	563	3	162	416	281	80	2,867
1978.....	74	716	1,806	955	20	584	856	174	73	5,258
1979.....	21	259	1,416	691	7	288	835	151	62	3,730
1980.....	109	463	950	534	3	280	409	194	48	2,990
1981.....	31	392	878	443	1	86	485	179	47	2,542
<b>Ginnings:</b>										
1965.....	119	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
1969.....	54	1,416	3,905	1,422	6	498	1,908	371	280	9,860
1970.....	47	1,448	3,510	1,881	5	912	1,833	314	105	10,055
1971.....	34	1,291	3,499	1,738	5	418	2,422	550	176	10,133
1972.....	25	1,078	4,469	3,384	3	481	2,621	699	416	13,176
1973.....	60	2,252	5,048	2,112	5	958	1,797	213	88	12,533
1974.....	23	1,370	4,632	2,517	3	290	2,045	255	105	11,240
1975.....	40	1,470	2,845	1,279	4	435	1,568	374	83	8,098
1976.....	25	1,402	4,168	1,301	6	587	1,664	917	214	10,284
1977.....	137	2,943	4,970	1,812	22	1,390	2,235	311	89	13,909
1978.....	31	1,265	4,096	1,711	4	527	2,357	227	97	10,315
1979.....	224	3,152	4,487	1,598	13	1,579	2,393	555	92	14,093
1980.....	83	2,578	2,933	1,249	2	377	2,627	625	149	10,523
1981.....	147	2,576	3,581	1,708	5	721	5,205	770	315	15,028
<b>Supply: <sup>5</sup></b>										
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	3,658	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
1969.....	176	2,654	6,098	2,265	41	1,150	2,674	745	404	16,207
1970.....	152	2,574	5,489	2,619	71	1,488	2,648	458	192	15,691
1971.....	121	2,158	4,961	2,238	81	1,010	2,857	679	212	14,317
1972.....	80	1,602	5,452	3,929	21	601	3,085	1,050	505	16,325
1973.....	93	2,550	6,176	3,034	11	1,073	2,408	681	370	16,396
1974.....	54	1,899	5,919	3,173	18	790	2,535	389	150	14,927
1975.....	68	1,997	5,010	2,369	17	747	2,565	582	156	13,511
1976.....	50	1,927	5,344	2,062	10	763	2,215	1,144	282	13,797
1977.....	164	3,279	5,969	2,375	25	1,552	2,651	592	169	16,776
1978.....	105	1,981	5,902	2,666	24	1,111	3,213	401	170	15,573
1979.....	245	3,411	5,903	2,289	20	1,867	3,228	706	154	17,823
1980.....	192	3,041	3,883	1,783	5	657	2,936	819	197	13,513
1981.....	178	2,968	4,459	2,151	6	807	5,690	949	362	17,570
<b>Disappearance: <sup>7</sup></b>										
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
1969.....	71	1,527	4,121	1,527	-24	574	1,859	600	317	10,572
1970.....	65	1,707	4,027	2,119	-5	896	2,214	329	155	11,507
1971.....	66	1,634	3,978	1,693	63	890	2,392	328	123	11,167
1972.....	47	1,305	4,322	3,007	15	486	2,474	582	224	12,462
1973.....	62	2,021	4,889	2,378	-4	573	1,918	547	325	12,709
1974.....	26	1,372	3,753	2,083	5	478	1,538	181	77	9,513
1975.....	42	1,471	3,834	1,608	14	572	2,014	355	88	9,998
1976.....	23	1,591	4,345	1,499	7	601	1,799	863	202	10,930
1977.....	90	2,563	4,163	1,420	5	968	1,795	418	96	11,518
1978.....	84	1,722	4,486	1,975	17	823	2,378	250	108	11,843
1979.....	136	2,948	4,953	1,755	17	1,587	2,819	512	106	14,833
1980.....	161	2,649	3,005	1,340	4	571	2,451	640	150	10,971

See footnotes on page 68.

Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by staple lengths, United States, 1965-81

Year beginning August	1/8 inch and shorter	3/8 inch	1/2 inch and 3/4 inch	1 and 1 1/2 inches	1 1/2 and 1 3/4 inches	1 3/4 and 1 7/8 inches	1 7/8 and 1 7/8 inches	1 7/8 inches and longer	All staple lengths <sup>1</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>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
<b>Carryover:</b>									
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
1970.....	2	58	269	1,001	3,742	530	29	4	5,635
1971.....	0	44	244	496	2,966	410	18	5	4,183
1972.....	1	189	509	422	1,703	307	12	7	3,150
1973.....	0	116	716	811	1,966	237	15	1	3,863
1974.....	0	113	821	832	1,634	275	9	3	3,687
1975.....	0	70	572	789	3,335	639	6	3	5,414
1976.....	1	87	415	570	2,068	357	12	3	3,513
1977.....	0	20	285	639	1,650	257	9	7	2,867
1978.....	( <sup>3</sup> )	33	646	1,458	2,752	357	8	4	5,258
1979.....	( <sup>3</sup> )	20	321	1,240	1,900	235	9	5	3,730
1980.....	1	39	312	788	1,520	325	4	1	2,990
1981.....	1	25	205	553	1,395	348	14	1	2,542
<b>Ginnings:</b>									
1965.....	9	1,042	2,947	3,555	6,859	418	7	10	14,849
1966.....	8	725	1,814	1,642	4,888	346	38	20	9,491
1967.....	2	382	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
1969.....	7	549	1,128	1,590	5,894	678	13	1	9,860
1970.....	2	386	1,634	1,541	5,773	707	7	5	10,055
1971.....	7	398	1,440	843	5,855	1,568	21	1	10,133
1972.....	0	168	1,990	2,464	7,556	993	5	0	13,176
1973.....	2	273	2,743	1,945	6,811	758	1	0	12,533
1974.....	1	82	1,108	1,126	7,510	1,403	8	2	11,240
1975.....	4	356	1,314	905	4,496	1,021	1	1	8,098
1976.....	1	86	1,551	1,950	5,477	1,214	3	2	10,284
1977.....	0	69	2,301	3,058	6,960	1,515	3	3	13,909
1978.....	1	98	1,309	2,369	5,522	1,012	2	2	10,315
1979.....	4	150	2,102	2,975	5,806	3,047	8	1	14,093
1980.....	7	203	1,201	1,834	4,957	2,288	33	( <sup>3</sup> )	10,523
1981.....	2	177	2,708	2,826	7,080	2,206	28	1	15,028
<b>Supply:</b> <sup>5</sup>									
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
1969.....	7	622	1,876	2,871	9,211	1,576	39	5	16,207
1970.....	3	444	1,903	2,542	9,515	1,238	37	9	15,691
1971.....	8	442	1,684	1,339	8,222	1,978	38	6	14,317
1972.....	1	357	2,499	2,887	9,257	1,300	17	7	16,325
1973.....	4	389	3,459	2,756	8,776	995	16	1	16,396
1974.....	1	195	1,929	1,958	9,144	1,678	17	5	14,927
1975.....	4	427	1,887	1,694	7,828	1,660	7	4	13,511
1976.....	2	173	1,966	2,520	7,545	1,571	15	5	13,797
1977.....	0	89	2,586	3,697	8,610	1,772	12	10	16,776
1978.....	1	131	1,955	3,827	8,274	1,369	10	6	15,573
1979.....	4	170	2,423	4,215	7,706	3,282	17	6	17,823
1980.....	8	242	1,513	2,622	6,477	2,613	37	1	13,513
1981.....	3	202	2,913	3,379	8,475	2,554	42	2	17,570
<b>Disappearance:</b> <sup>6</sup>									
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	13,394
1968.....	9	542	2,452	2,067	4,363	1,245	44	16	10,738
1969.....	6	564	1,607	1,870	5,468	1,046	10	1	10,572
1970.....	3	400	1,659	2,047	6,547	828	19	4	11,507
1971.....	7	253	1,175	916	7,118	1,672	26	0	11,167
1972.....	0	241	1,783	2,075	7,291	1,063	3	6	12,462
1973.....	4	276	2,638	1,924	7,142	720	7	-2	12,709
1974.....	1	125	1,357	1,169	5,809	1,039	1	2	9,513
1975.....	3	340	1,472	1,124	5,758	1,304	-4	1	9,998
1976.....	2	153	1,681	1,881	5,895	1,314	6	-2	10,930
1977.....	0	56	1,940	2,239	5,858	1,415	4	6	11,518
1978.....	1	111	1,634	2,587	6,374	1,134	1	1	11,843
1979.....	3	131	2,111	3,427	6,186	2,957	13	5	14,833
1980.....	7	217	1,308	2,069	5,082	2,265	23	0	10,971

<sup>1</sup> U.S. Department of Commerce.<sup>2</sup> Running bales.<sup>3</sup> Less than 500 bales.<sup>4</sup> Preliminary.<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.

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Table 92.—Cotton, American Pima: Carryover and ginnings, by grade and staple length, United States, 1965-81

Year beginning August	Grade					Staple length (inches)					All grades and all lengths ( <sup>1</sup> )
	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1½ and shorter	1%	1½	1%	1½ and longer	
Carryover:	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>	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>
1965	30.8	146.4	21.5	4.8	1.6	7.2	179.7	16.3	1.4	0.5	205.1
1966	10.6	132.2	81.4	9.5	1.8	20.9	162.4	45.6	6.6	( <sup>3</sup> )	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	( <sup>3</sup> )	142.5
1970	9.1	55.0	27.5	5.2	.9	4.5	80.2	8.8	4.1	.1	97.7
1971	6.1	32.0	12.3	3.0	.2	1.4	43.3	8.0	.8	.1	53.6
1972	2.2	42.9	12.0	2.9	.5	3.3	46.3	10.6	.3		60.5
1973	4.6	25.3	18.2	4.0	.4	3.0	40.9	7.8	.1	.7	52.5
1974	3.6	31.8	5.3	3.1	1.1	3.1	38.0	3.7	.1		44.9
1975	1.3	35.2	9.9	3.0	.8	3.6	41.7	4.8	.1		50.2
1976	1.6	19.5	8.8	2.1	.3	.6	26.1	5.0		.6	32.3
1977	3.4	31.5	4.0	1.0	.4	.4	27.1	12.4	.4		40.3
1978	3.4	41.2	14.3	3.0	.6	1.4	31.8	29.0	.3		62.5
1979	2.1	23.2	18.3	1.7	2.0	1.7	17.2	28.4		( <sup>3</sup> )	47.3
1980	3.2	27.5	3.0	1.0	.9	1.7	19.1	14.8			35.6
1981	1.2	43.4	6.1	1.3	.5	.9	11.8	39.0	.8		52.5
Ginnings:											
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	4.4	45.6	21.5	3.8	1.5	4.3	60.6	11.9			76.8
1970	2.6	43.0	8.4	2.4	.7	4.0	40.0	13.1			57.1
1971	.9	71.5	16.1	4.1	3.3	8.1	69.8	18.0			95.9
1972	.2	41.5	44.4	5.5	2.3	6.0	84.5	3.4			93.9
1973	2.2	63.0	6.0	5.4	1.5	7.2	67.5	3.4			78.1
1974	( <sup>3</sup> )	57.7	27.2	3.3	.5	3.5	74.5	10.7			88.7
1975	1.8	43.5	5.8	2.1	.5	2.9	44.5	6.3			53.7
1976	1.2	51.4	9.0	1.1	.3	1.3	38.1	23.6			63.0
1977	.1	86.0	19.8	2.4	.5	1.9	51.0	55.9	( <sup>3</sup> )		108.8
1978	.2	47.3	35.8	5.1	1.6	1.5	19.5	69.0			90.0
1979	2.7	87.0	5.2	.9	.5	1.2	15.6	79.5	( <sup>3</sup> )		96.3
1980	2.7	87.3	9.9	1.5	.5	.6	4.2	95.1	2.1		102.0
1981	1.2	67.9	7.4	.6	.3	.3	4.5	71.1	1.5		77.4

<sup>1</sup> U.S. Department of Commerce. Totals include small quantities of Sealand and Sea Island cotton.

<sup>2</sup> Running bales.

<sup>3</sup> Less than 50 bales.

<sup>4</sup> Preliminary.

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#### FOOTNOTES FOR TABLE 90

<sup>1</sup> "Plus" grades included.

<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> Preliminary.

<sup>6</sup> Carryover at beginning of the season, plus ginnings.

<sup>7</sup> Supply minus carryover at the end of the season.

<sup>8</sup> Negative disappearance reflected in total.

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**Table 93.—Cotton, upland: Average staple length of upland cotton ginned, by States, 1976-81**

State	Average staple length (32ds of an inch) <sup>1</sup>					
	1976	1977	1978	1979	1980	1981 <sup>2</sup>
Ala.....	33.8	33.6	34.1	34.8	34.3	34.0
Ariz.....	34.7	34.5	34.5	34.8	34.7	34.3
Ark.....	34.2	34.8	34.6	35.4	34.6	35.1
Calif.....	35.3	35.3	35.3	35.3	35.6	35.3
Ga.....	34.6	34.0	34.5	34.4	33.7	34.6
La.....	34.1	34.7	34.3	35.2	34.2	34.3
Miss.....	34.1	34.8	34.4	34.4	34.8	34.5
Mo.....	34.3	34.4	34.7	35.6	35.2	35.4
N. Mex.....	35.3	35.5	35.8	34.9	35.9	36.0
N.C.....	35.3	34.9	35.3	35.0	34.1	34.9
Okla.....	31.2	32.5	32.2	32.6	32.5	31.5
S.C.....	35.1	35.3	35.3	35.5	34.1	35.5
Tenn.....	33.6	33.6	33.7	34.8	33.9	34.4
Tex.....	31.8	31.9	32.0	32.0	31.8	31.8
All other.....	34.5	34.6	34.8	35.1	34.6	34.8
U.S.....	33.7	33.6	33.7	33.9	34.0	33.6

<sup>1</sup>Average calculated on numerical equivalents of the staple-length designations. For example,  $\frac{3}{8}$ -inch = 28,  $\frac{7}{16}$ -inch = 29, etc. <sup>2</sup>Preliminary.

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**Table 94.—Cotton: International trade, 1975-80 <sup>1</sup>**

Country	1975	1976	1977	1978	1979	1980 <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>
<b>Principal exporting countries:</b>						
Mexico.....	536	542	597	910	913	818
Nicaragua.....	520	529	528	500	90	323
United States.....	3,311	4,784	5,484	6,180	9,229	5,926
Brazil.....	356	54	192	141	0	41
Peru.....	154	150	87	95	128	189
Greece.....	168	76	98	127	77	61
Soviet Union.....	3,890	4,300	4,160	3,756	3,770	4,300
Iran.....	642	327	336	317	125	20
Pakistan.....	418	65	471	246	1,177	1,510
Syria.....	467	675	510	551	457	328
Turkey.....	2,163	580	1,218	962	617	1,000
Egypt.....	775	606	686	690	876	749
Sudan.....	1,097	607	689	814	431	350
Tanzania.....	181	265	135	210	228	194
Uganda.....	103	62	45	34	36	5
Total.....	14,781	13,622	15,236	15,533	18,154	15,814
<b>Principal importing countries:</b>						
Canada.....	254	215	239	255	289	276
Austria.....	102	101	105	99	115	95
Belgium.....	171	147	142	156	181	130
France.....	1,111	956	979	801	922	784
Germany, Fed. Rep. of.....	1,040	887	967	815	888	724
Italy.....	886	875	860	1,020	1,118	940
Netherlands.....	155	140	120	120	106	100
Poland.....	695	718	730	735	741	792
Portugal.....	489	459	545	471	592	605
Spain.....	424	396	232	328	324	190
Sweden.....	32	22	27	24	22	12
Switzerland.....	215	200	247	222	240	236
United Kingdom.....	582	461	504	430	404	140
Hong Kong.....	1,321	994	1,000	828	1,198	702
India.....	162	387	461	20	0	0
Japan.....	3,220	3,037	3,150	3,382	3,336	3,207
China.....	900	650	1,600	2,200	3,900	3,300
Total.....	11,759	10,645	11,908	11,906	14,376	12,233

<sup>1</sup>Crop year beginning Aug. 1. <sup>2</sup>Preliminary. <sup>3</sup>480-pound net weight.

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

Table 95.—Cotton: United States exports, by country of destination, 1978-80

Country of destination	Year beginning August			Country of destination	Year beginning August		
	1978	1979	1980		1978	1979	1980
	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>		<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>	<i>1,000 bales</i> <sup>1</sup>
Austria.....	(?)	1	5	Australia.....	(?)	1	(?)
Belgium and Luxembourg.....	15	26	7	Canada.....	222	272	267
Denmark.....	1	1	1	Chile.....	0	(?)	3
Finland.....	8	14	3	Colombia.....	27	23	0
France.....	63	92	42	Cuba.....	0	0	0
Germany, Fed. Rep. of.....	96	204	112	Ethiopia.....	0	0	0
Italy.....	146	185	54	Hong Kong.....	427	636	205
Netherlands.....	18	11	1	India.....	(?)	0	(?)
Norway.....	4	7	7	Indonesia.....	236	297	238
Poland.....	74	27	36	Israel.....	(?)	16	49
Portugal.....	27	66	33	Japan.....	1,342	1,588	1,139
Spain.....	65	131	60	Korea, Rep. of.....	1,278	1,484	1,303
Sweden.....	23	21	10	Pakistan.....	1	1,065	1
Switzerland.....	91	117	46	Philippines.....	124	145	85
United Kingdom.....	72	72	38	South Africa.....	0	0	(?)
Yugoslavia.....	0	6	0	Taiwan.....	454	728	351
Other Europe.....	82	302	134	Thailand.....	243	260	207
Total Europe.....	785	1,283	589	Uruguay.....	0	(?)	0
				Other countries.....	1,041	1,431	1,489
				Total.....	6,180	9,229	5,926

<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 96.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1978-80

Country of origin	Year beginning August			Country of origin	Year beginning August		
	1978	1979	1980		1978	1979	1980
	<i>Bales</i> <sup>1</sup>	<i>Bales</i> <sup>1</sup>	<i>Bales</i> <sup>1</sup>		<i>Bales</i> <sup>1</sup>	<i>Bales</i> <sup>1</sup>	<i>Bales</i> <sup>1</sup>
Cotton, raw:				Cotton linters:			
Egypt.....	526	539	714	El Salvador.....	0	0	0
India.....	1,279	0	0	Guatemala.....	4,045	0	0
Mexico.....	242	4,094	25,631	Mexico.....	39,875	38,772	22,730
Pakistan.....	441	81	81	Nicaragua.....	68	0	0
Peru.....	0	625	22	Soviet Union.....	0	0	0
Other countries.....	1,799	2	1,049	Other countries.....	26,558	47,831	21,492
Total.....	4,287	5,341	27,497	Total.....	70,546	86,603	44,222

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

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

## FOOTNOTES FOR TABLE 98

<sup>1</sup>Averages for the designated spot markets.<sup>2</sup>Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 99

<sup>1</sup>Averages for the designated spot markets.<sup>2</sup>Net weight basis beginning 1971. Prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

**Table 97.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1965–81**

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
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1965.....	1.7	4.0	6.4	4.3	73.6	7.5	2.5
1966.....	2.2	4.5	6.6	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.....	.8	1.5	3.0	2.5	76.9	11.5	3.8
1970.....	.3	1.1	2.9	2.8	83.7	7.5	1.7
1971.....	2.4	5.6	6.5	3.7	76.6	4.1	1.1
1972.....	1.5	3.8	6.3	3.9	77.9	5.6	1.0
1973.....	.4	1.1	2.5	2.4	83.5	8.4	1.7
1974.....	2.6	3.7	5.4	4.0	76.5	6.1	1.7
1975.....	3.3	7.9	9.5	5.3	68.7	4.3	1.0
1976.....	1.3	2.8	5.0	4.5	77.2	7.0	2.2
1977.....	.1	.6	1.9	2.2	80.2	11.4	3.6
1978.....	.2	1.4	4.6	4.7	76.7	9.5	2.9
1979.....	1.8	9.1	11.3	5.6	66.6	4.5	1.1
1980.....	.3	1.7	4.0	3.7	80.3	8.3	1.7
1981 <sup>1</sup> .....	.9	3.4	7.5	5.6	74.2	6.7	1.7

<sup>1</sup> Preliminary.

Agricultural Marketing Service.

**Table 98.—Cotton, American upland: Spot prices in cents per pound for specified grades of 1½-inch staple, 1965–80<sup>1</sup>**

Year beginning August	White				Light Spotted			Spotted	
	Middling	Strict Low Middling	Low Middling	Strict Good Ordinary	Middling	Strict Low Middling	Low Middling	Middling	Strict Low Middling
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1965.....	31.46	29.50	27.32	25.01	29.26	27.31	25.31	26.54	24.99
1966.....	24.73	22.82	20.31	17.64	22.35	20.31	17.93	19.12	17.59
1967.....	30.60	28.75	25.65	21.51	28.33	25.52	21.77	22.83	20.75
1968.....	26.93	24.52	21.65	18.12	24.34	21.80	18.56	20.15	18.10
1969.....	25.10	23.12	20.67	18.03	23.03	20.94	18.62	19.67	18.35
1970.....	25.66	24.32	22.69	21.06	24.38	22.93	21.44	22.14	21.33
1971 <sup>2</sup> .....	33.91	32.96	31.65	29.54	32.88	31.50	29.69	30.37	29.28
1972.....	37.86	35.59	32.51	27.68	35.45	32.28	28.08	29.77	27.01
1973.....	69.37	67.10	63.24	54.61	66.74	62.47	55.28	56.29	52.37
1974.....	43.85	41.69	38.48	32.32	41.59	38.51	33.13	34.65	31.48
1975.....	59.37	57.99	55.47	49.90	58.04	55.58	50.98	52.50	49.71
1976.....	72.28	70.88	68.23	63.11	70.94	68.41	63.98	65.04	62.12
1977.....	54.19	52.74	49.73	45.89	52.76	49.89	46.40	47.57	45.03
1978.....	63.23	61.58	57.98	53.39	61.57	58.15	53.91	55.19	52.63
1979.....	72.69	71.48	68.44	61.90	71.42	68.44	62.54	64.14	60.90
1980.....	84.12	82.99	79.20	71.17	82.89	79.27	72.17	74.11	69.94

See footnotes on page 70.

**Table 99.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Strict Low Middling, 1965–80<sup>1</sup>**

Year beginning August	¾ inch	¾ inch	¾ inch	¾ inch	1 inch	1 ½ inch	1 ½ inch	1 ½ inch
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1965.....	25.95	26.41	26.81	27.29	27.94	28.74	29.50	30.03
1966.....	17.89	18.32	18.75	19.24	20.25	21.46	22.82	23.32
1967.....	17.91	18.38	19.10	20.48	22.97	26.57	28.75	29.48
1968.....	17.47	18.00	18.78	19.66	20.73	22.81	24.52	25.03
1969.....	18.13	18.60	20.29	19.86	20.45	21.65	23.12	23.47
1970.....	20.75	21.21	21.75	22.14	22.44	23.34	24.32	24.61
1971 <sup>2</sup> .....	29.21	29.61	29.98	30.29	30.79	31.97	32.96	33.16
1972.....	28.08	28.48	29.03	29.84	31.26	33.68	35.59	35.77
1973.....	48.50	49.69	51.27	53.96	57.17	64.59	67.10	67.31
1974.....	33.22	34.17	35.52	36.91	38.05	40.02	41.69	41.89
1975.....	50.14	50.87	52.09	53.14	54.29	56.44	57.99	58.18
1976.....	62.54	63.36	64.55	65.34	66.67	69.34	70.88	71.08
1977.....	46.20	46.85	47.90	48.41	49.37	51.27	52.74	52.95
1978.....	53.56	54.14	55.08	55.87	56.88	59.92	61.58	61.89
1979.....	60.89	61.40	62.40	63.94	65.28	69.53	71.48	71.87
1980.....	67.41	68.15	70.63	74.85	76.59	80.95	82.99	83.39

See footnotes on page 70.

**Table 100.—Cotton, American upland; High, low, and season average spot price per pound for the base quality, 1965–80<sup>1</sup>**

Season beginning August	Middling 1-inch <sup>2</sup>			Season beginning August	Middling 1-inch <sup>2</sup>		
	Average	High	Low		Average	High	Low
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1965 .....	29.60	30.27	29.41	1973 .....	67.10	84.48	51.69
1966 .....	22.08	22.65	21.82	1974 .....	41.69	53.42	34.93
1967 .....	24.83	27.13	22.64	1975 .....	57.99	86.84	46.74
1968 .....	22.90	25.11	21.87	1976 .....	70.88	79.36	55.21
1969 .....	22.15	23.01	21.39	1977 .....	52.74	59.28	47.02
1970 .....	23.55	25.45	22.54	1978 .....	61.58	67.57	56.46
1971 <sup>3</sup> .....	31.52	35.78	26.56	1979 .....	71.48	84.82	60.62
1972 .....	33.14	49.92	24.74	1980 .....	82.99	92.29	72.65

<sup>1</sup> Averages for the designated spot markets.<sup>2</sup> Base quality changed to "Strict Low Middling 1<sup>1</sup>/<sub>16</sub> inches" in 1973.<sup>3</sup> Net weight basis beginning 1971; prices prior to August 1971 are on gross weight terms. The factor to convert prices from gross to net weight is 1.0438.

Agricultural Marketing Service.

**Table 101.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1975–80<sup>1</sup>**

Market	Strict Low Middling 1 <sup>1</sup> / <sub>16</sub> inches					
	1975	1976	1977	1978	1979	1980
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Greenville .....	59.19	71.85	53.33	62.09	73.24	84.54
Augusta .....	60.22	72.70	53.81	62.50	73.92	85.21
Montgomery .....	58.93	71.54	53.24	61.92	72.57	84.28
Memphis .....	58.48	71.28	52.75	61.68	72.55	83.81
Greenwood .....	58.54	71.21	52.75	61.84	72.73	84.30
Dallas .....	55.84	69.43	50.53	58.33	66.91	80.65
Houston .....	57.65	70.94	51.58	59.45		
Lubbock .....	55.06	67.79	50.04	58.27	66.43	79.66
Phoenix .....	57.20	70.12	52.71	61.98	71.98	81.70
Fresno .....	58.72	71.93	56.67	67.66	73.76	82.80
Average .....	57.99	70.88	52.74	61.58	71.48	82.99

<sup>1</sup> Year beginning August. Average of monthly averages.

Agricultural Marketing Service.



**Table 102.—Cotton: Average cost per 480-pound net weight bale to farmers for ginning cotton (including bagging and ties), by States, 1975-80<sup>1</sup>**

Kind of cotton and State	1975	1976	1977	1978	1979	1980
Upland:	<i>Dollar</i>	<i>Dollar</i>	<i>Dollar</i>	<i>Dollar</i>	<i>Dollar</i>	<i>Dollar</i>
Ala.....	23.47	25.94	27.03	31.21	31.81	32.53
Ariz.....	29.35	30.42	33.26	33.93	33.91	36.60
Ark.....	30.39	31.96	30.70	35.53	36.40	37.83
Cal.....	29.00	32.19	35.13	37.28	39.57	44.38
Ga.....	24.40	27.66	27.74	30.36	32.69	41.01
La.....	29.08	28.98	30.35	30.21	30.57	36.70
Miss.....	27.81	29.48	29.79	31.07	31.45	34.76
Mo.....	32.32	37.73	37.53	40.55	40.87	45.82
N. Mex.....	35.06	36.49	39.50	40.30	47.34	50.21
N.C.....	30.02	31.94	32.74	32.83	36.82	34.03
Okla.....	32.50	27.81	32.78	32.23	37.88	37.67
S.C.....	30.64	29.79	31.85	33.60	33.06	32.42
Tenn.....	28.86	31.20	27.40	32.16	35.41	34.89
Tex.....	39.92	37.29	38.37	39.82	44.65	52.18
All upland cotton.....	32.13	32.87	34.73	36.16	39.31	43.77
American Pima.....	41.16	38.18	42.23	39.04	44.33	52.23

<sup>1</sup> Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners. Agricultural Marketing Service and Economic Research Service.

**Table 103.—Cotton linters: Supply, distribution, season average price, United States, 1965-81**

Year beginning August	Supply				Distribution		Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Con- sumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
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.....	432	1,176	142	1,750	1,128	184	6.68	4.55	2.78
1970.....	342	1,147	67	1,556	920	171	7.32	5.01	2.75
1971.....	413	1,145	49	1,607	1,017	152	8.11	6.01	2.33
1972.....	363	1,341	30	1,734	1,111	259	7.17	4.49	2.92
1973.....	290	1,332	32	1,654	964	374	11.39	9.04	9.58
1974.....	295	1,270	23	1,588	888	217	9.34	6.27	8.83
1975.....	487	847	25	1,360	838	182	9.30	6.56	4.25
1976.....	445	983	70	1,498	999	210	10.26	7.36	3.75-7.25
1977.....	279	1,174	50	1,504	970	239	9.85	7.12	5.25-6.87
1978.....	282	1,077	60	1,419	980	263	11.92	9.70	7.00-8.60
1979.....	229	1,129	80	1,438	897	276	15.34	12.63	11.56-13.36
1980.....	316	1,097	40	1,452	832	261	14.46	9.52	9.00-11.82
1981 <sup>3</sup> .....	356								

<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 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.

<sup>3</sup> Preliminary.

Agricultural Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce.

Table 104.—Cotton: Supply and distribution, by countries, 1980-81

Country	Begin- ning stocks Aug. 1 <sup>1</sup>	Produc- tion	Imports	Total supply	Consump- tion <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribu- tion
	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>
Exporting countries:								
Mexico.....	102	1,595	1	1,698	735	818	145	1,698
Nicaragua.....	39	340		379	17	323	39	379
El Salvador.....	47	199	4	250	58	128	64	250
Guatemala.....	10	580		590	57	526	7	590
Argentina.....	299	390	58	747	406	150	191	747
Brazil.....	1,458	2,848	14	4,320	2,411	41	1,868	4,320
Colombia.....	24	531		555	283	243	29	555
Paraguay.....	202	480		682	25	346	311	682
Peru.....	695	446		1,142	272	189	680	1,142
Other Western Hemisphere.....	48	121	14	183	87	39	57	183
Angola.....	17	20		37	20		17	37
Chad.....	47	144		191	10	150	31	191
Central African Empire.....	8	45		53	10	40	3	53
Cameroon.....	97	148		245	46	100	99	245
Malawi.....	8	35		43	18	12	13	43
Zimbabwe.....	37	322		359	69	252	38	359
Sudan.....	561	407		968	100	350	518	968
Uganda.....	17	40		57	15	5	37	57
Egypt.....	547	2,428		2,975	1,389	749	837	2,975
Tanzania.....	226	233		459	65	194	200	459
Mozambique.....	55	60		115	25	40	50	115
Other Africa.....	257	690	5	952	207	521	224	952
Afghanistan.....	159	100		259	50	100	109	259
Iran.....	131	240		371	260	20	91	371
Israel.....	69	363	50	482	110	296	76	482
Pakistan.....	446	3,284	2	3,732	1,843	1,510	379	3,732
Syria.....	96	541		637	211	328	98	637
Turkey.....	584	2,296		2,880	1,378	1,000	502	2,880
Other Asia.....	12	65		77	21	44	12	77
Australia.....	169	440	7	616	103	290	223	616
United States <sup>4</sup> .....	3,000	11,122	27	14,149	5,555	5,926	2,668	14,149
Soviet Union.....	2,402	14,275	250	16,927	9,300	4,300	3,327	16,927
Total exporting countries.....	11,869	44,828	432	57,129	25,156	19,030	12,943	57,129

See footnotes at end of table.

Table 104.—Cotton: Supply and distribution, by countries, 1980-81—Continued

Country	Begin- ning stocks Aug. 1 <sup>1</sup>	Produc- tion	Imports	Total supply	Consump- tion <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribu- tion
	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>
Importing countries:								
Canada .....	35		276	311	275		36	311
Chile .....	23		62	85	67		18	85
Other Western Hemisphere .....	114	78	203	395	308	17	70	395
Austria .....	32		95	127	100		27	127
Belgium .....	27		129	156	140		16	156
Finland .....	26		56	82	61		21	82
France .....	186		784	970	765	85	120	970
Germany, Fed. Rep. of .....	402		724	1,126	734	40	352	1,126
Greece .....	222	528	266	1,016	687	61	268	1,016
Italy .....	410	3	940	1,353	990		363	1,353
Netherlands .....	16		100	116	95		21	116
Portugal .....	182		605	787	605		182	787
Spain .....	271	261	190	722	424	20	278	722
Sweden .....	25		12	37	23		14	37
Switzerland .....	145		236	381	240	1	140	381
United Kingdom .....	165		140	305	230	9	66	305
Yugoslavia .....	40	2	505	547	460		87	547
Other Europe .....	768	59	2,321	3,148	2,311		837	3,148
China .....	2,590	12,430	3,300	18,320	15,400		2,920	18,320
Hong Kong .....	320		702	1,022	700	65	257	1,022
India .....	1,664	6,129		7,793	6,000	449	1,344	7,793
Japan .....	794		3,207	4,001	3,295		706	4,001
Korea, Rep. of .....	549	14	1,527	2,090	1,453		637	2,090
Philippines .....	27	21	126	174	135		39	174
Taiwan .....	517		981	1,498	938		560	1,498
Other Asia .....	318	550	1,647	2,515	2,076	95	344	2,515
Ethiopia .....	41	100		141	95	5	41	141
Nigeria .....	103	123		226	152		74	226
South Africa .....	254	265	35	554	316		238	554
Other Africa .....	106	196	144	446	331	33	77	446
Total importing countries .....	10,372	20,759	19,313	50,444	39,406	885	10,153	50,444
World total .....	22,242	65,587	19,744	107,573	64,562	19,915	23,096	107,573
Foreign (all countries) .....	19,242	54,465	19,717	93,424	59,007	13,989	20,428	93,424

<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>Includes pre-season ginnings.<sup>6</sup>Imports for consumptions.

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

Table 105.—Silk and vegetable fibers (except cotton): United States imports for consumption, by country of origin, 1980 and 1981

Commodity imported and country of origin	1980	1981 <sup>1</sup>	Commodity imported and country of origin	1980	1981 <sup>1</sup>
	1,000 pounds	1,000 pounds		Tons	Tons
Raw silk: <sup>2</sup>			Abaca or manila:		
Brazil.....	139	176	Ecuador.....	6,611	7,294
China.....	312	534	Philippines.....	19,056	13,275
Hong Kong.....	5	29	Other countries.....	473	18
Other countries.....	1	34	Total.....	26,140	20,587
Total.....	457	773	Sisal and henequen:		
Waste and advanced waste: <sup>3</sup>			Brazil.....	1,524	1,775
Japan.....	108	175	Haiti.....	1,449	157
Italy.....	0	223	Kenya.....	1,085	1,279
China.....	401	746	Mexico.....	197	85
Korea, Rep. of.....	71	0	Tanzania.....	626	223
Other countries.....	16	66	Other countries.....	39	5
Total.....	596	1,210	Total.....	4,920	3,524
	Tons	Tons	Istle or tampico, unmanufactured:		
Flax unmanufactured: <sup>4</sup>			Mexico.....	2,591	2,226
Belgium and Luxembourg.....	288	1,288	Other countries.....	0	22
Other countries.....	2	45	Total.....	2,591	2,248
Total.....	290	1,333	Coir, unmanufactured:		
Hemp, unmanufactured:			India.....	803	646
Philippines.....	741	0	Mexico.....	555	266
Thailand.....	0	26	Sri Lanka.....	9,756	8,274
Total.....	741	26	Other countries.....	67	30
Broomcorn:			Total.....	11,181	9,216
Mexico.....	8,991	8,274	Other vegetable fibers: <sup>5</sup>		
Other countries.....	0	68	Bangladesh.....	0	305
Total.....	8,991	8,342	India.....	5	26
Jute and jute butts, unmanufactured:			Thailand.....	1,839	1,611
Bangladesh.....	2,875	5,912	Other countries.....	21	63
India.....	754	1,776	Total.....	1,865	2,005
Thailand.....	5,289	6,416			
Other countries.....	558	3,433			
Total.....	9,476	17,537			
Kapok:					
Indonesia.....	17	0			
Thailand.....	2,885	2,310			
Other Asia.....	155	75			
Total.....	3,057	2,385			

<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> TSUSA Number 3045600.

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

Table 106.—Silk and vegetable fibers (except cotton): Imports for consumption, United States, 1965-81

Year	Silk		Vegetable fibers, unmanufactured							
	Raw <sup>1</sup>	Waste <sup>2</sup>	Flax <sup>3</sup>	Hemp <sup>3</sup>	Jute and jute butts	Abaca or manila	Sisal and henequen	Istle or tampico	Kapok	Other fibers <sup>4</sup>
	1,000 pounds	1,000 pounds	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965	3,639	2,665	2,577	65	42,143	35,292	88,250	1,280	13,399	10,151
1966	3,510	1,113	4,567	89	51,875	33,940	80,198	346	13,191	13,131
1967	2,506	294	3,758	60	43,785	27,898	68,085	503	14,538	14,215
1968	2,194	1,789	3,734	110	50,566	22,016	75,173	591	18,060	17,658
1969	1,906	1,408	1,563	70	34,294	21,732	54,811	406	9,955	16,566
1970	919	927	1,581	0	29,625	21,492	59,577	629	11,703	16,587
1971	290	1,408	1,306	46	17,435	16,433	61,853	180	12,332	16,450
1972	553	1,586	1,145	35	13,393	21,338	49,993	153	11,214	20,216
1973	562	2,780	1,092	18	31,352	20,856	32,382	164	13,784	23,559
1974	423	2,165	988	0	28,311	37,094	10,278	364	10,281	25,905
1975	561	407	1,921	18	21,260	18,566	8,841	729	6,333	25,350
1976	725	1,928	243	0	20,953	22,239	14,465	96	7,499	23,972
1977	381	1,240	57	38	12,859	26,662	12,038	236	5,794	28,289
1978	690	1,299	454	149	16,999	22,085	10,642	4,027	6,280	23,850
1979	773	792	429	36	21,961	24,702	8,283	7,886	5,033	21,543
1980	457	596	290	741	9,476	26,140	4,920	2,591	3,057	22,398
1981 <sup>5</sup>	773	1,210	1,333	26	17,537	20,587	3,524	2,248	2,305	29,208

<sup>1</sup> Includes wild or tussah, and raw silk in skeins.<sup>2</sup> Silk waste, noils, and cocoons.<sup>3</sup> Includes weights of all classes added without conversion to an equivalent fiber basis.<sup>4</sup> Includes broomcorn, crin vegetal, coir, crude straw, flax straw, ramie, sunn, and other vegetable fibers.<sup>5</sup> Preliminary.

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

Table 107.—Sugarbeets: Area, yield, production, season average price per ton received by farmers, value, and sugar production, United States, 1965-81<sup>1</sup>

Year	Area		Yield per harvested acre	Production	Price <sup>2</sup>	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis <sup>3</sup>
	1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1965	1,314.4	1,248.5	16.8	20,918	11.90	249,875	2,894	2,705
1966	1,240.1	1,161.1	17.5	20,342	12.80	260,355	2,828	2,643
1967	1,197.2	1,122.1	17.1	19,197	13.50	260,115	2,636	2,464
1968	1,476.1	1,410.1	18.0	25,363	13.80	350,207	3,483	3,255
1969	1,647.1	1,540.5	18.0	27,736	12.70	352,868	3,330	3,112
1970	1,478.4	1,413.3	18.7	26,378	14.80	391,567	3,401	3,179
1971	1,406.3	1,341.9	20.2	27,096	15.40	416,279	3,552	3,320
1972	1,419.7	1,328.7	21.4	28,410	16.00	455,830	3,624	3,387
1973	1,280.1	1,217.5	20.1	24,499	29.60	725,661	3,200	2,990
1974	1,251.5	1,212.6	18.2	22,123	46.80	1,035,567	2,916	2,725
1975	1,595.0	1,516.6	19.6	29,704	27.60	820,743	4,019	3,756
1976	1,525.4	1,478.8	19.9	29,386	21.00	616,813	3,895	3,640
1977	1,272.6	1,216.2	20.6	25,007	24.20	604,399	3,108	2,905
1978	1,305.4	1,269.2	20.3	25,798	25.20	649,846	3,289	3,074
1979	1,160.7	1,119.7	19.6	21,996	33.90	745,273	2,879	2,691
1980	1,231.3	1,189.5	19.8	23,502	47.20	1,108,974	3,149	2,943
1981 <sup>4</sup>	1,258.0	1,229.8	22.2	27,271	( <sup>5</sup> )	( <sup>6</sup> )	3,349	3,130

<sup>1</sup> Relates to year of intended harvest except for overwintered spring planted beets in California.<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.<sup>5</sup> Not available.

Statistical Reporting Service.

Table 108.—Sugarbeets: Area, yield, and production, by States, 1979-81 <sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz.....	11.7	9.4	13.0	11.3	9.1	12.6	19.2	22.9	23.8	217	208	300
Calif.....	224.0	234.0	270.0	215.0	229.0	260.0	26.6	25.7	27.0	5,719	5,885	7,020
Colo.....	76.0	94.0	80.0	73.0	91.0	77.0	18.6	19.0	22.5	1,358	1,729	1,733
Idaho.....	131.3	139.4	148.0	125.9	137.9	145.0	22.4	23.9	25.8	2,820	3,296	3,741
Kans.....	13.0	16.0	14.8	12.0	14.5	14.0	17.8	13.8	20.3	213	200	284
Mich.....	93.0	99.0	102.0	88.0	97.0	99.0	17.6	19.5	20.5	1,550	1,892	2,030
Minn.....	249.0	260.0	260.0	244.0	243.0	257.0	15.5	14.9	17.2	3,782	3,621	4,420
Mont.....	44.1	44.2	44.8	43.4	43.3	44.5	19.1	20.3	20.8	829	879	926
Nebr.....	77.1	87.0	79.6	72.4	85.0	78.3	20.2	20.9	24.1	1,462	1,777	1,887
N. Mex.....	2.2	1.6	2.2	2.0	1.6	2.1	15.0	23.1	20.3	30	37	43
N. Dak.....	145.3	147.6	145.6	143.1	142.7	144.9	16.1	14.1	18.3	2,304	2,017	2,652
Ohio.....	15.3	18.3	15.5	13.7	17.8	14.4	19.4	19.1	19.0	266	339	274
Oreg.....	6.9	7.3	11.3	6.7	7.2	10.9	26.6	27.4	28.3	178	197	308
Tex.....	21.4	27.2	26.0	19.5	24.4	25.2	17.0	15.8	22.8	332	386	575
Utah.....	1.5	.7	0	1.5	.7	0	19.9	21.4	0	30	15	0
Wyo.....	48.9	45.6	45.2	48.2	45.3	44.9	18.8	22.6	24.0	906	1,024	1,078
U.S.....	1,160.7	1,231.3	1,258.0	1,119.7	1,189.5	1,229.8	19.6	19.8	22.2	21,996	23,502	27,271

<sup>1</sup>Relates to year of intended harvest except for overwintered spring planted beets in California.<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 109.—Sugarbeets: Production and value, by States, crop of 1980 (preliminary) <sup>1</sup>

State	Production	Season average price per ton received by farmers	Value of production	State	Production	Season average price per ton received by farmers	Value of production
	1,000 tons	Dollars	1,000 dollars		1,000 tons	Dollars	1,000 dollars
Ariz.....	208	53.30	11,086	N. Mex.....	37	47.30	1,750
Calif.....	5,885	51.20	301,312	N. Dak.....	2,017	46.30	93,387
Colo.....	1,729	47.50	82,128	Ohio.....	339	46.20	15,662
Idaho.....	3,296	46.20	152,275	Oreg.....	197	42.30	8,333
Kans.....	200	41.70	8,340	Tex.....	386	42.70	16,482
Mich.....	1,892	40.70	77,004	Utah.....	15	47.10	707
Minn.....	3,621	44.10	159,686	Wyo.....	1,024	50.90	52,122
Mont.....	879	51.40	45,181	U.S.....	23,502	47.20	1,108,974
Nebr.....	1,777	47.00	83,519				

<sup>1</sup>Relates to year of intended harvest except for overwintered spring planted beets in California.

Statistical Reporting Service.

Table 110.—Sugarbeet seed: Area, yield, production, average price per pound received by farmers, and value, United States, 1965-81

Year	Area harvested	Yield per acre	Production	Average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965.....	3,296	2,833	93,363	18.13	1,693
1966.....	4,741	2,932	139,020	18.34	2,549
1967.....	3,503	2,438	85,412	18.38	1,570
1968.....	3,100	2,244	69,553	18.68	1,299
1969.....	5,550	2,548	141,427	18.47	2,612
1970.....	5,907	2,575	152,076	18.59	2,828
1971.....	4,016	2,620	105,224	19.34	2,035
1972.....	3,318	2,446	81,166	19.07	1,548
1973.....	2,832	2,968	84,059	20.28	1,705
1974.....	1,983	2,556	50,685	21.67	1,099
1975.....	4,625	2,437	112,729	34.46	3,885
1976.....	6,748	2,630	177,494	38.55	6,842
1977.....	4,915	2,726	133,985	38.26	5,126
1978.....	3,153	2,266	71,443	37.12	2,652
1979.....	3,074	2,374	72,964	36.00	2,627
1980.....	3,329	2,439	81,218	38.00	3,086
1981.....	6,442	2,675	172,324	41.36	7,128

Science and Education Administration. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries, and by others engaged in sugarbeet seed production.

Table 111.—Sugarbeets: Area, yield, and production in specified countries, 1979-81

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada .....	24	27	27	35.9	36.8	38.2	862	993	1,032
United States .....	453	481	497	44.0	44.1	49.7	19,954	21,321	24,740
<b>Total .....</b>	<b>477</b>	<b>508</b>	<b>524</b>	<b>43.6</b>	<b>43.9</b>	<b>49.2</b>	<b>20,816</b>	<b>22,314</b>	<b>25,772</b>
<b>South America:</b>									
Chile .....	11	37	23	41.1	44.5	41.3	452	1,645	950
Uruguay .....	14	12	13	28.6	31.3	29.2	400	375	380
<b>Total .....</b>	<b>25</b>	<b>49</b>	<b>36</b>	<b>34.1</b>	<b>41.2</b>	<b>36.9</b>	<b>852</b>	<b>2,020</b>	<b>1,330</b>
<b>Europe:</b>									
Belgium and Luxem- bourg .....	116	117	135	55.7	47.2	59.3	6,461	5,526	8,000
Denmark .....	78	77	76	39.7	39.7	42.8	3,099	3,056	3,250
France .....	520	526	615	47.5	48.2	51.5	24,700	25,248	31,673
Germany, Fed. Rep. of .....	405	414	457	45.2	46.2	48.1	18,300	19,100	22,000
Greece .....	44	28	43	60.6	55.9	62.8	2,667	1,564	2,700
Ireland .....	35	35	36	37.8	33.0	37.3	1,322	1,154	1,344
Italy .....	275	290	314	48.1	45.7	51.0	13,236	13,241	16,000
Netherlands .....	124	122	130	44.3	50.6	54.6	5,491	6,175	7,100
United Kingdom .....	214	212	209	33.0	34.2	32.8	7,100	7,250	6,855
<b>Total EC .....</b>	<b>1,811</b>	<b>1,821</b>	<b>2,015</b>	<b>45.5</b>	<b>45.2</b>	<b>49.1</b>	<b>82,376</b>	<b>82,314</b>	<b>98,922</b>
Austria .....	44	51	59	48.8	50.7	44.7	2,145	2,587	2,640
Finland .....	32	31	31	21.8	29.0	24.0	697	900	750
Spain .....	166	168	221	32.0	41.3	34.7	5,124	6,943	7,673
Sweden .....	52	51	52	42.4	44.3	46.8	2,206	2,258	2,431
Switzerland .....	14	13	14	47.1	48.3	60.7	660	628	850
<b>Total Western Europe .....</b>	<b>2,119</b>	<b>2,135</b>	<b>2,392</b>	<b>44.0</b>	<b>44.8</b>	<b>47.4</b>	<b>93,208</b>	<b>95,630</b>	<b>113,266</b>
Bulgaria .....	65	65	53	27.0	23.1	26.7	1,755	1,500	1,414
Czechoslovakia .....	220	225	230	36.4	32.4	29.8	8,000	7,300	6,852
German Dem. Rep. .....	254	255	266	26.4	27.8	30.8	6,695	7,094	8,215
Hungary .....	120	125	130	33.3	30.4	38.5	4,000	3,800	5,000
Poland .....	455	459	468	31.1	22.6	32.3	14,154	10,370	15,100
Romania .....	259	238	275	23.6	23.4	23.6	6,109	5,561	6,500
Yugoslavia .....	140	128	146	42.3	40.7	40.4	5,925	5,213	5,900
<b>Total Eastern Europe ..</b>	<b>1,513</b>	<b>1,495</b>	<b>1,568</b>	<b>30.8</b>	<b>27.3</b>	<b>31.2</b>	<b>46,638</b>	<b>40,838</b>	<b>48,981</b>
<b>Total Europe .....</b>	<b>3,632</b>	<b>3,630</b>	<b>3,960</b>	<b>38.5</b>	<b>37.6</b>	<b>41.0</b>	<b>139,846</b>	<b>136,468</b>	<b>162,247</b>
<b>Soviet Union .....</b>	<b>3,700</b>	<b>3,710</b>	<b>3,600</b>	<b>20.5</b>	<b>21.4</b>	<b>21.5</b>	<b>76,200</b>	<b>79,559</b>	<b>77,500</b>
<b>Asia:</b>									
Japan .....	59	65	74	56.7	54.6	45.3	3,344	3,550	3,350
Turkey .....	268	263	358	32.7	25.7	29.3	8,760	6,766	10,500
<b>Total .....</b>	<b>327</b>	<b>328</b>	<b>432</b>	<b>37.0</b>	<b>31.5</b>	<b>32.1</b>	<b>12,104</b>	<b>10,316</b>	<b>13,850</b>
<b>Grand total .....</b>	<b>8,161</b>	<b>8,225</b>	<b>8,552</b>	<b>30.6</b>	<b>30.5</b>	<b>32.8</b>	<b>249,818</b>	<b>250,677</b>	<b>280,699</b>

<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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



Table 112.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1965-81 <sup>1</sup>

Year <sup>2</sup>	Area harvested			Yield of cane per acre			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
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	502.8	32.8	535.6	43.2	27.5	42.2	21,714	901	22,615
1970	551.1	32.8	583.9	41.8	28.7	41.1	23,055	941	23,996
1971	606.7	41.4	648.1	38.1	24.8	37.3	23,145	1,027	24,172
1972	664.3	37.5	701.8	41.0	29.1	40.4	27,239	1,093	28,332
1973	703.0	38.0	741.0	35.5	23.8	34.9	24,924	903	25,827
1974	689.9	44.2	734.1	34.8	25.1	34.2	24,031	1,109	25,140
1975	734.7	39.3	774.0	37.2	26.4	36.6	27,306	1,038	28,344
1976	704.0	43.0	747.0	38.2	27.9	37.6	26,919	1,201	28,120
1977	719.3	40.1	759.4	35.8	27.4	35.3	25,730	1,100	26,830
1978	699.8	43.9	743.7	35.5	26.8	35.0	24,821	1,176	25,997
1979	689.7	43.0	732.7	36.8	26.1	36.2	25,410	1,122	26,532
1980	683.6	49.1	732.7	37.4	28.1	36.8	25,582	1,381	26,963
1981 <sup>3</sup>	716.3	37.2	753.5	40.1	30.6	39.6	28,706	1,140	29,846

  

Year <sup>2</sup>	Season average price received by farmers per ton of sugar <sup>4</sup>	Value of production		Sugar production			Molasses
		Of cane used for sugar	Of cane used for sugar and seed <sup>5</sup>	Raw value <sup>6</sup>		Refined basis <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
1965	7.82	94,329	99,665	2,322	204	2,170	145,674
1966	8.74	110,470	116,793	2,448	208	2,287	145,201
1967	9.38	137,610	144,639	2,648	206	2,475	161,091
1968	9.37	119,435	125,198	2,447	204	2,286	152,589
1969	9.97	108,380	115,534	2,254	208	2,107	134,458
1970	10.50	132,045	139,688	2,416	210	2,258	141,193
1971	11.10	138,617	147,834	2,436	211	2,277	144,812
1972	11.60	201,639	211,724	2,740	201	2,561	180,553
1973	20.90	319,503	333,061	2,549	205	2,383	167,486
1974	48.60	1,166,809	1,221,232	2,512	212	2,347	156,355
1975	21.50	586,622	607,895	2,934	214	2,743	178,988
1976	15.20	408,403	425,342	2,724	202	2,545	180,730
1977	17.70	454,217	474,257	2,684	209	2,508	164,894
1978	19.50	488,905	507,069	2,612	210	2,441	161,810
1979	26.00	661,212	690,544	2,700	213	2,524	164,581
1980	38.50	984,559	1,035,990	2,728	213	2,550	163,341
1981	(*)	(*)	(*)	3,012	210	2,815	174,935

<sup>1</sup> Includes Hawaii except for prices and values for 1973 and earlier years.<sup>2</sup> In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins.<sup>3</sup> Preliminary.<sup>4</sup> Prices do not include Government payments under the Sugar Act.<sup>5</sup> Price per ton of cane for sugar used in evaluating value of production for seed.<sup>6</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.<sup>7</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

\* Not available.

Statistical Reporting Service.

Table 113.—Sugarcane for sugar and seed: Area, yield, production, and production of cane sugar and molasses, by States, 1979-81

State	Sugarcane for sugar and seed <sup>1</sup>								
	Area harvested			Yield of cane per acre			Cane production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
For sugar:									
Fla.....	318.2	320.7	334.0	31.3	31.1	34.0	9,975	9,985	11,356
Hawaii.....	100.6	97.4	98.6	95.7	94.6	96.7	9,632	9,214	9,535
La.....	240.0	232.0	247.0	20.6	23.3	27.0	4,950	5,414	6,669
Tex.....	30.9	33.5	36.7	27.6	28.9	31.2	853	969	1,146
U.S.....	689.7	683.6	716.3	36.8	37.4	40.1	25,410	25,582	28,706
For seed:									
Fla.....	12.6	18.5	11.0	32.7	32.8	35.0	412	607	385
Hawaii.....	7.3	7.1	7.4	31.1	32.7	33.6	227	232	249
La.....	22.0	22.0	18.0	20.6	23.3	27.0	453	513	486
Tex.....	1.1	1.5	.8	27.3	19.3	25.0	30	29	20
U.S.....	43.0	49.1	37.2	26.1	28.1	30.6	1,122	1,381	1,140
For sugar and seed:									
Fla.....	330.8	339.0	345.0	31.4	31.2	34.0	10,387	10,592	11,741
Hawaii.....	107.9	104.5	106.0	91.4	90.4	92.3	9,859	9,446	9,784
La.....	262.0	254.0	265.0	20.6	23.3	27.0	5,403	5,927	7,155
Tex.....	32.0	35.0	37.5	27.6	28.5	31.1	883	998	1,166
U.S.....	732.7	732.7	753.5	36.2	36.8	39.6	26,532	26,963	29,846

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value <sup>3</sup> )			Sugar produced (raw value <sup>3</sup> )			Equivalent refined <sup>4</sup>			Molasses <sup>5</sup>		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
Fla., La., and Tex.....	208	208	206	1,640	1,705	1,975	1,533	1,594	1,846	107,389	109,678	122,800
Hawaii.....	220	222	218	1,060	1,023	1,037	991	956	969	*57,192	*53,663	*52,135
U.S.....	213	213	210	2,700	2,728	3,012	2,524	2,550	2,815	164,581	163,341	174,935

<sup>1</sup>In Hawaii, harvest continues throughout the year and production statistics are on a calendar year basis. In other states, harvest is seasonal and the production statistics year relates to the year in which the season begins. <sup>2</sup>Preliminary. <sup>3</sup>Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948. <sup>4</sup>Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar. <sup>5</sup>Blackstrap (80° Brix) high-test molasses from frozen cane and edible molasses. <sup>6</sup>85° brix.

Statistical Reporting Service.

Table 114.—Sugarcane for sugar and seed: Production and value, by States, crop of 1980 (preliminary)

State	Sugar			Sugar and seed: Value of production <sup>1</sup>
	Production	Price per ton	Value of production	
	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Fla.....	10,592	39.40	393,409	417,325
Hawaii.....	9,446	41.80	385,145	394,843
La.....	5,927	33.20	179,745	196,776
Tex.....	998	27.10	26,260	27,046
Total.....	26,963	38.50	984,559	1,035,990

<sup>1</sup>Price per ton of cane for sugar used in evaluating value of production for seed.

Statistical Reporting Service.

Table 115.—Sugarcane, sugar, and molasses: Area, yield, and production in Republic of the Philippines, 1966–82

Crop year <sup>1</sup>	Sugarcane				Sugar produced			Molasses production
	Area		Production for centrifugal sugar		Centrifugal	Muscovado and panocha <sup>5</sup>	Centrifugal sugar made per ton sugarcane	
	Total <sup>2</sup>	Harvested for centrifugal sugar	Yield per hectare <sup>3</sup>	Total <sup>4</sup>				
	1,000 hectares	1,000 hectares	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	Kilograms	Metric tons
1966.....	320	293	45.33	13,281	1,442	56	109	450,000
1967.....	313	288	53.05	15,278	1,558	56	102	443,430
1968.....	308	286	54.24	15,512	1,595	57	103	502,875
1969.....	343	321	51.24	16,448	1,596	59	97	566,670
1970.....	388	366	58.57	21,437	1,927	60	90	809,863
1971.....	461	442	52.69	23,287	2,058	46	88	881,034
1972.....	459	440	44.30	19,491	1,869	49	96	680,874
1973.....	461	441	51.42	22,676	2,424	54	107	836,000
1974.....	465	445	58.62	26,085	2,643	54	101	955,000
1975.....	530	510	48.27	24,616	2,466	54	100	890,000
1976.....	543	525	55.29	29,025	2,875	54	99	1,050,000
1977.....	508	492	55.33	27,220	2,753	53	101	940,000
1978.....	520	503	44.71	22,487	2,397	54	107	808,000
1979.....	450	429	52.45	22,500	2,347	63	104	818,000
1980.....	428	408	57.55	23,482	2,325	26	99	827,000
1981.....		411	56.04	23,034	2,373	25	103	835,000
1982 <sup>6</sup> .....		415	55.90	23,200	2,450	25	106	860,000

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

<sup>2</sup> Total harvested area includes area for both centrifugal and non-centrifugal sugar.

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

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

<sup>5</sup> Beginning 1980 includes only muscovado.

<sup>6</sup> Forecast.

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 116.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1965–81

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments <sup>2</sup>	Domestic disappearance		
			Foreign sources	Territories <sup>1</sup>		Livestock feed and alcohol <sup>3</sup>	Military and civilian use <sup>4</sup>	Per capita consumption (refined) <sup>4</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1965.....	5,370	2,794	4,027	834	89	41	10,080	97.0
1966.....	5,279	2,805	4,495	717	65	79	10,235	97.3
1967.....	5,297	2,758	4,804	705	72	199	10,474	98.5
1968.....	5,627	2,941	5,130	504	79	82	10,656	99.2
1969.....	5,482	3,043	4,886	342	82	68	10,950	101.0
1970.....	5,874	2,869	5,296	353	66	83	11,163	101.7
1971.....	5,815	2,835	5,587	144	89	61	11,345	102.1
1972.....	6,015	2,823	5,459	149	50	62	11,487	102.3
1973.....	6,061	2,823	5,329	79	26	31	11,429	100.8
1974.....	5,662	2,646	5,770	157	72	8	10,945	95.6
1975.....	6,300	2,854	3,882	96	216	6	10,302	89.1
1976.....	6,798	2,856	4,658	203	76	0	10,893	93.4
1977.....	6,089	3,498	6,138	102	22	0	11,099	94.2
1978.....	5,602	4,491	4,683	52	16	4	10,889	91.4
1979.....	5,793	3,754	5,027	47	18	0	10,756	89.3
1980.....	5,736	3,701	4,495	178	650	0	10,189	86.3
1981 <sup>5</sup> .....	6,206	3,082	5,014	48	1,048	0	9,770	79.5

<sup>1</sup> Includes inshipments from Puerto Rico (and from Virgin Islands 1966).

<sup>2</sup> Includes sugar used in manufacture of exported commodities.

<sup>3</sup> Includes use for alcohol, beginning 1966.

<sup>4</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers.

<sup>5</sup> Estimated.

Economic Research Service.

Table 117.—Sugar: Production in specified countries, 1979-81<sup>1</sup>

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <sup>2</sup>
<b>CENTRIFUGAL SUGAR (raw value)<sup>3</sup></b>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<b>CENTRIFUGAL SUGAR (raw value)<sup>3</sup></b>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>North America (cane):</b>				Switzerland.....	105	116	103
Barbados.....	117	135	96	<b>Total Western Europe</b>	<b>2,022</b>	<b>1,717</b>	<b>1,994</b>
Belize.....	100	105	99	Albania.....	21	21	20
Canada (beet).....	125	109	125	Bulgaria.....	240	305	215
Costa Rica.....	195	191	189	Czechoslovakia.....	875	950	900
Cuba.....	7,500	6,500	6,400	German Dem. Rep.....	820	792	767
Dominican Republic.....	1,203	1,013	1,043	Hungary.....	490	468	443
El Salvador.....	277	179	174	Poland.....	1,763	1,582	1,128
Guadeloupe.....	109	96	58	Romania.....	555	571	553
Guatemala.....	376	398	448	Yugoslavia.....	777	814	709
Haiti.....	61	55	47	<b>Total Eastern Europe</b>	<b>5,541</b>	<b>5,503</b>	<b>4,735</b>
Honduras.....	167	187	212	<b>Total Europe</b> .....	<b>20,133</b>	<b>20,278</b>	<b>19,556</b>
Jamaica.....	270	251	205	Soviet Union.....	<b>9,300</b>	<b>7,800</b>	<b>6,900</b>
Martinique.....	10	6	6	<b>Africa (cane):</b>			
Mexico.....	3,058	2,765	2,518	Angola.....	39	40	40
Nicaragua.....	212	179	193	Egypt.....	668	662	658
Panama.....	228	200	215	Ethiopia.....	165	163	160
St. Kitts.....	40	35	40	Kenya.....	255	317	429
Trinidad and Tobago.....	144	116	93	Madagascar.....	112	116	115
United States:				Mauritius.....	705	730	504
Continental (beet and cane).....	5,382	5,028	5,311	Morocco.....	375	339	330
Hawaii.....				Mozambique.....	175	175	170
Puerto Rico.....	175	159	137	Reunion.....	2,209	2,274	2,709
<b>Total North America</b>	<b>19,749</b>	<b>17,717</b>	<b>17,609</b>	South Africa.....	2,209	2,206	1,709
<b>South America (cane unless otherwise indicated):</b>				Swaziland.....	258	328	387
Argentina.....	1,387	1,395	1,715	Tanzania.....	129	120	125
Bolivia.....	286	287	260	Uganda.....	10	12	10
Brazil.....	7,740	6,968	8,100	Zaire.....	51	51	50
Chile (beet).....	103	58	231	Zimbabwe.....	309	300	358
Colombia.....	1,019	1,193	1,200	Other Africa <sup>4</sup> .....	688	795	1,074
Ecuador.....	353	357	366	<b>Total Africa</b> .....	<b>6,435</b>	<b>6,628</b>	<b>6,358</b>
Guyana.....	304	294	280	<b>Asia (cane unless otherwise indicated):</b>			
Paraguay.....	68	69	78	Burma.....	130	135	135
Peru.....	715	552	500	China (cane and beet).....	2,675	2,507	3,052
Surinam.....	11	12	12	Taiwan.....	891	874	760
Uruguay (beet and cane).....	93	71	76	India.....	7,071	5,170	6,534
Venezuela.....	325	315	253	Indonesia.....	1,385	1,313	1,370
<b>Total South America</b>	<b>12,404</b>	<b>11,571</b>	<b>13,071</b>	Iran (beet and cane).....	650	630	600
<b>Europe (beet unless otherwise indicated):</b>				Japan (beet and cane) <sup>5</sup> .....	693	762	822
Belgium and Luxembourg.....	844	975	370	Pakistan.....	653	574	854
Denmark.....	442	492	471	Philippines.....	2,347	2,325	2,373
France.....	4,000	4,257	4,187	Thailand.....	1,851	1,087	1,639
Germany, Fed. Rep. of.....	2,997	3,095	2,982	Turkey (Europe and Asia) (beet).....	1,079	1,052	930
Ireland.....	204	190	160	Other Asia (cane and beet) <sup>6</sup> .....	388	352	411
Italy.....	1,605	1,669	1,933	<b>Total Asia</b> .....	<b>19,813</b>	<b>16,781</b>	<b>19,480</b>
Netherlands.....	1,019	913	936	<b>Oceania (cane):</b>			
United Kingdom.....	1,111	1,154	1,106	Australia.....	2,978	2,967	3,387
Greece.....	348	313	182	Fiji.....	347	473	460
<b>Total EC</b> .....	<b>12,570</b>	<b>13,058</b>	<b>12,827</b>	<b>Total Oceania</b> .....	<b>3,325</b>	<b>3,440</b>	<b>3,847</b>
Austria.....	375	429	480	<b>World total (cane and beet)</b> .....	<b>91,159</b>	<b>84,215</b>	<b>86,821</b>
Finland.....	104	100	114				
Portugal:							
Azores and Madeira.....	10	4	3				
Spain (cane and beet).....	1,106	718	982				
Sweden.....	322	350	312				

See footnotes at end of table.

Table 117.—Sugar: Production in specified countries, 1979-81 —Continued

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <sup>2</sup>
<b>NON-CENTRIFUGAL SUGAR (as produced)<sup>7</sup></b>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<b>NON-CENTRIFUGAL SUGAR (as produced)<sup>7</sup></b>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Asia:			
Costa Rica.....	48	45	45	Burma.....	140	140	138
El Salvador.....	12	14	15	China.....	860	800	800
Guatemala.....	35	36	38	Taiwan.....	40	39	40
Mexico.....	55	70	80	India.....	6,500	5,900	6,600
Nicaragua.....	10	10	10	Indonesia.....	225	200	250
Panama.....	3	3	3	Japan <sup>8</sup> .....	11	12	12
Total.....	163	178	191	Pakistan.....	1,550	1,350	1,400
South America:				Philippines.....	68	75	40
Brazil.....	200	200	200	Thailand.....	650	750	800
Colombia.....	910	800	750	Vietnam.....	10		
Ecuador.....	50	55	55	Bangladesh.....	460	470	490
Peru.....	15	14	15	Total.....	10,514	9,736	10,570
Venezuela.....	42	44	45	Total of above coun- tries.....	11,894	11,027	11,826
Total.....	1,217	1,113	1,065				

<sup>1</sup> Crop years are on a September/August basis, (year shown is the beginning year) but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September.

<sup>2</sup> Preliminary.

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

<sup>4</sup> "Other Africa" includes Afars-Issas, Algeria, Cameroon, Congo, Ghana, Ivory Coast, Mali, Malawi, Nigeria, Senegal, Somali Republic, Sudan, Tunisia, and Zambia.

<sup>5</sup> Since Jan. 1, 1972, includes Ryukyu Islands.

<sup>6</sup> "Other Asia" includes Afghanistan, Bangladesh, Iraq, Israel, Lebanon, Malaysia, Nepal, Sri Lanka, Syria, and Vietnam.

<sup>7</sup> Non-centrifugal 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, repadura, 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 Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 118.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1979-81<sup>1</sup>

Country or area of supply	1979	1980	1981 <sup>2</sup>	Country or area of supply	1979	1980	1981 <sup>2</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>
Argentina.....	235	197	444	Philippines.....	413	409	239
Australia.....	108	351	715	South Africa.....	89	164	
Brazil.....	1,262	846	1,099	Taiwan.....	28		
Belize.....	58	72	56	Other countries.....	828	884	919
Colombia.....	26	214	166	Total foreign countries.....	5,027	4,495	5,014
Costa Rica.....	80	68	82	Domestic areas:			
Dominican Republic.....	817	615	761	Mainland (beet).....	3,191	2,971	3,192
Ecuador.....	82	73	55	Mainland (cane).....	1,162	2,035	1,629
El Salvador.....	161	52	46	Hawaii.....	945	1,003	1,096
Fiji Islands.....	130	50	24	Puerto Rico.....	47	178	48
Guatemala.....	171	219	224	Texas (cane).....	70	75	93
Haiti.....	11	10		Total domestic areas.....	5,415	6,262	6,058
India.....				Grand total.....	10,442	10,757	11,072
Mexico.....	60						
Nicaragua.....	122	63	80				
Panama.....	157	156	104				
Peru.....	189	52					

<sup>1</sup> Raw value is the equivalent in terms of 96° sugar.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 119.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1965–82 <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
JAN. 1 STOCKS <sup>5</sup>	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
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.....	251	1,321	9		1,581
1971.....	237	1,266	4		1,507
1972.....	255	1,258	1		1,514
1973.....	233	1,280	3		1,516
1974.....	257	1,130	1		1,388
1975.....	276	1,314	1		1,591
1976.....	233	1,490	0		1,723
1977.....	261	1,661	0		1,922
1978.....	312	1,580	85		1,977
1979.....	267	1,458	0		1,725
1980.....	240	1,126	0		1,366
1981.....	294	1,202	0		1,496
1982.....	254	1,194	0		1,448
PRODUCTION OR RECEIPTS					
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.....	6,874	3,034	147		10,055
1970.....	7,143	3,281	139		10,563
1971.....	7,324	3,205	108		10,639
1972.....	7,304	3,303	89		10,696
1973.....	7,358	3,133	73		10,564
1974.....	7,608	3,010	56		10,674
1975.....	6,183	3,246	82		9,511
1976.....	6,561	3,741	76		10,378
1977.....	7,078	3,199	258		10,535
1978.....	6,942	2,867	95		9,904
1979.....	6,958	2,650	84		9,692
1980.....	7,155	2,852	7		10,014
1981.....	7,143	2,975	17		10,135
DELIVERIES <sup>6</sup>					
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.....	6,879	3,005	148	49	10,081
1970.....	7,158	3,336	144	57	10,695
1971.....	7,306	3,213	111	51	10,681
1972.....	7,326	3,281	87	70	10,764
1973.....	7,334	3,282	75	81	10,772
1974.....	7,590	2,826	56	54	10,526
1975.....	6,237	3,068	83	65	9,453
1976.....	6,534	3,572	76	15	10,197
1977.....	7,026	3,280	172	17	10,495
1978.....	6,987	2,989	180	18	10,174
1979.....	6,985	2,982	84	18	10,069
1980.....	7,104	2,777	7	45	9,933
1981.....	7,183	2,983	17	24	10,207

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

Statistical Reporting Service.

Table 120.—Sugar, cane (raw <sup>1</sup>): Refiners' raw stocks, receipts, meltings, and direct consumption deliveries, continental United States, 1965-82

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>
1965.....	598	6,696	6,830	15
1966.....	513	7,254	7,183	15
1967.....	569	7,635	7,376	17
1968.....	812	7,759	7,720	17
1969.....	834	7,251	7,373	17
1970.....	695	7,780	7,655	16
1971.....	804	7,856	7,865	10
1972.....	785	8,041	7,844	10
1973.....	972	7,948	7,910	12
1974.....	998	8,063	8,161	11
1975.....	886	6,206	6,639	11
1976.....	428	7,430	7,071	13
1977.....	776	8,315	7,564	12
1978.....	1,678	6,789	7,578	13
1979.....	964	7,057	7,539	14
1980.....	541	7,892	7,735	4
1981 <sup>3</sup> .....	691	7,843	7,693	
1982 <sup>3</sup> .....	832			

<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> Receipts include 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.

Statistical Reporting Service.

Table 121.—Sugar, centrifugal (raw value): Stocks in specified countries, 1979-81 <sup>1</sup>

Country	Sugar-making season			Country	Sugar-making season		
	1979	1980	1981 <sup>2</sup>		1979	1980	1981 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Chile.....	49	96	57	Iran.....	354	469	569
Colombia.....	4	52	122	Ireland.....	30	13	6
South Africa.....	474	406	252	Japan.....	421	497	196
Argentina.....	149	223	265	Netherlands.....	222	196	175
Australia.....	687	555	517	Philippines.....	1,214	727	446
Brazil.....	3,008	1,937	1,937	Sweden.....	108	93	76
Mauritius.....	171	195	166	Switzerland.....	95	94	64
Ecuador.....	42	37	39	United States and insular areas.....	3,549	2,903	2,491
Spain.....	739	366	130	Uruguay.....	43	37	28
Greece.....	173	132	( <sup>3</sup> )	El Salvador.....	69	12	9
Finland.....	117	129	99	Guatemala.....	82	33	57
Guyana.....	81	41	6	India.....	1,934	386	699
Italy.....	758	833	821	Mexico.....	138	192	220
Turkey.....	116	213	184	Thailand.....	414		277
Canada.....	178	167	182	Egypt.....	226	227	237
United Kingdom.....	455	524	460	Dominican Republic.....	208	201	199
Venezuela.....	76	41	( <sup>3</sup> )	Barbados.....	18	13	9
Yugoslavia.....	463	271	273	Haiti.....	1	( <sup>3</sup> )	( <sup>3</sup> )
Austria.....	191	111	27	Jamaica.....	27	5	6
Belgium.....	284	290	247	Nicaragua.....	23	9	32
Costa Rica.....	31	16	7	Peru.....	54	( <sup>3</sup> )	110
Denmark.....	136	147	143	Trinidad and Tobago.....	11	21	3
France.....	962	899	683	Total.....	19,122	14,344	12,770
Germany, Fed. Rep. of.....	537	535	244				

<sup>1</sup> Estimated stocks as of September 1 of year shown.

<sup>2</sup> Preliminary.

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

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 122.—Sugar, centrifugal (raw value): International trade, 1978–80

Continent and country	1978		1979		1980 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>						
Belize.....	117		100		99	
Canada.....	134	1,030	120	1,009	13	859
Costa Rica.....	70		69		82	
El Salvador.....	133		178		35	
Guatemala.....	153		195		256	
Honduras.....	23		54		81	
Mexico.....	74		80			742
Nicaragua.....	99		97	5	69	
Panama.....	119		175		145	
United States.....	13	3,616	15	4,437	587	3,802
<b>Caribbean:</b>						
Barbados.....	89		101		122	
Cuba.....	7,231		7,269		6,191	
Dominican Republic.....	901		986		794	
Haiti.....	5	5	10	11	9	21
Jamaica.....	203	28	194		135	
St. Kitts.....	39		39		33	
Trinidad and Tobago.....	103	7	88	5	64	21
<b>Total North America.....</b>	<b>9,506</b>	<b>4,686</b>	<b>9,770</b>	<b>5,467</b>	<b>8,715</b>	<b>5,445</b>
<b>South America:</b>						
Argentina.....	369		351	2	491	
Brazil.....	2,005		1,860		2,604	
Chile.....	17	317	20	285	50	433
Colombia.....	132	35	241		293	
Ecuador.....	40		77		72	
Guyana.....	285		280		263	
Peru.....	275		187		53	50
Venezuela.....		336		350		333
<b>Total South America.....</b>	<b>3,123</b>	<b>688</b>	<b>3,016</b>	<b>637</b>	<b>3,826</b>	<b>816</b>
<b>Europe:</b>						
Belgium and Luxembourg.....	509	61	654	135	609	28
Denmark.....	309	16	210	28	235	
France <sup>2</sup> .....	2,357	117	2,347	103	2,750	69
Germany, Fed. Rep. of.....	802	152	749	146	964	150
Ireland.....	27	24	53	22	62	49
Italy.....		210	5	302	94	311
Netherlands.....	252	48	270	68	198	34
United Kingdom.....	93	1,689	76	1,424	100	1,404
<b>Total EC.....</b>	<b>4,346</b>	<b>2,317</b>	<b>4,364</b>	<b>2,228</b>	<b>5,012</b>	<b>2,045</b>
Austria.....	29		56		136	
Finland.....	23	155	32	125	59	184
Greece.....	21		39			
Iceland.....		12		30		12
Malta.....		18		18		16
Norway.....		178		190		174
Portugal.....	8	288	34	225	53	322
Spain.....		31		80		4
Sweden.....	17	13	38	46	42	42
Switzerland.....	5	176	2	162	1	138
<b>Total Western Europe.....</b>	<b>103</b>	<b>871</b>	<b>201</b>	<b>876</b>	<b>291</b>	<b>892</b>
Albania.....		21		29		17
Bulgaria.....	2	215		60		238
Czechoslovakia.....	306	80	280	40	186	99
German Dem. Rep.....	81	212	77	223	94	188
Hungary.....	12	59	35	50	106	40
Poland.....	282	60	102	100	48	146
Romania.....	92		7	147		120
Yugoslavia.....			77		317	
<b>Total Eastern Europe.....</b>	<b>775</b>	<b>647</b>	<b>578</b>	<b>649</b>	<b>751</b>	<b>848</b>
<b>Total Europe.....</b>	<b>5,224</b>	<b>3,835</b>	<b>5,143</b>	<b>3,753</b>	<b>6,054</b>	<b>3,785</b>

See footnotes at end of table.



Table 122.—Sugar, centrifugal (raw value): International trade, 1978-80—Continued

Continent and country	1978		1979		1980 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Soviet Union.....	174	3,993	244	4,080	164	4,981
<b>Africa:</b>						
Algeria.....		437		482		569
Angola.....		74		73		67
Egypt.....	49	404	31	362	10	463
Ethiopia <sup>2</sup> .....			15		14	
Ghana.....		39		56		19
Ivory Coast.....		33		5	33	10
Kenya.....		50	17	11	51	13
Libya.....		126		160		112
Madagascar.....	24		21		31	
Mauritius.....	579		612		655	
Morocco.....		294		279		332
Mozambique.....	36		80		64	
Nigeria.....		595		530		709
Reunion <sup>4</sup> .....	47		50		55	
Senegal.....		56		48		30
Sierra Leone.....		28		73		15
South Africa.....	719	55	724	42	784	36
Sudan.....		245		227		180
Swaziland.....	226		236		317	
Tanzania.....	12	36	13	11	19	28
Tunisia.....	31	182	35	185	13	153
Zaire.....		12		12		76
Zimbabwe.....	139		248		258	
<b>Total Africa.....</b>	<b>1,862</b>	<b>2,666</b>	<b>2,082</b>	<b>2,556</b>	<b>2,304</b>	<b>2,812</b>
<b>Asia:</b>						
Yemen (Aden).....		222		76		71
Afghanistan.....		52		87		62
China.....	39	1,438	115	985	235	946
Taiwan.....	365		424	387		403
Cyprus.....		18		19		15
Hong Kong.....	4	111	4	117	29	105
India.....	687		543		69	
Indonesia.....		460		313		425
Iran <sup>5</sup> .....		875		746		785
Iraq.....		431		571		737
Israel.....		195	1	256		179
Japan.....	1	2,284	2	2,605	1	2,265
Jordan.....	2	86		99		144
Korea, Rep. of.....	106	566	122	678	331	690
Kuwait.....	1	41		49		38
Lebanon.....		78		37		36
Malaysia, West.....	17	398	16	427	15	508
Philippines.....	1,142		1,150		1,793	
Singapore.....	8	110	15	121	16	107
Sri Lanka.....		176		263		199
Syria.....		182		285		182
Thailand.....	1,040		1,190		460	
Turkey (Europe and Asia).....	4		4		4	217
Vietnam.....	8	94	6	124	2	54
<b>Total Asia.....</b>	<b>3,424</b>	<b>7,817</b>	<b>3,592</b>	<b>8,245</b>	<b>2,955</b>	<b>8,168</b>
<b>Oceania:</b>						
Australia.....	2,482		1,842		2,410	
Fiji.....	293		428			449
New Zealand.....		158		157		184
<b>Total Oceania.....</b>	<b>2,775</b>	<b>158</b>	<b>2,270</b>	<b>157</b>	<b>2,410</b>	<b>633</b>
<b>World total.....</b>	<b>26,088</b>	<b>23,843</b>	<b>26,117</b>	<b>24,895</b>	<b>26,428</b>	<b>26,640</b>

<sup>1</sup> Preliminary. <sup>2</sup> Excludes trade with French Territories. <sup>3</sup> Ethiopian calendar year. <sup>4</sup> Excludes trade with France and French Territories. <sup>5</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 Counselors, Attaches and Foreign Service Officers, results of office research, and related information.

**Table 123.—Sugar (raw and refined): Average price per pound at specified markets, 1965-81**

Year	Wholesale price, cane sugar			Retail price, granulated: United States <sup>4</sup>	Year	Wholesale price, cane sugar			Retail price, granulated: United States <sup>4</sup>
	Raw, 96° centrifugal		Refined: New York <sup>3</sup>			Raw, 96° centrifugal		Refined: New York <sup>3</sup>	
	Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>				Caribbean ports, f.o.b. and stowed <sup>1</sup>	New York, c.i.f. duty paid <sup>2</sup>		
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1965	2.12	6.8	10.22	11.8	1973	9.61	10.3	14.07	15.1
1966	1.86	7.0	10.36	12.0	1974	29.99	29.5	34.35	32.3
1967	1.99	7.3	10.62	12.1	1975	20.49	22.5	31.42	37.2
1968	1.98	7.5	10.84	12.2	1976	11.58	13.3	19.20	24.0
1969	3.37	7.8	11.44	12.4	1977	8.11	11.0	17.28	21.6
1970	3.75	8.1	11.97	13.0	1978	7.82	13.9	20.87	23.7
1971	4.52	8.5	12.48	13.6	1979	9.66	15.6	23.20	24.9
1972	7.43	9.1	13.09	13.9	1980	29.02	30.1	40.99	42.7
					1981	16.93	19.7	30.68	40.0

<sup>1</sup> For 4th quarter 1977 through 3rd quarter, 1979, derived by converting the London spot for sugar to a Caribbean basis in U.S. dollars.

<sup>2</sup> For 4th quarter 1977 through 3rd quarter 1979, derived by converting the London spot to a Caribbean basis in U.S. dollars, and adding freight, insurance, and applicable U.S. duties and fees.

<sup>3</sup> F.o.b.-basis list prices in 100 pound bags, not delivered prices. To obtain delivered prices, add "freight prepay" and deduct discounts and allowances.

<sup>4</sup> Calendar 1978 and 1979 only, derived by using the Bureau of Labor Statistics consumer price index (all-urban, unadjusted) for Sugar and Artificial Sweeteners.

Economic Research Service. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; Lam-born Sugar Market Report; and U.S. Department of Labor, Bureau of Labor Statistics.

**Table 124.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1975-77 <sup>1</sup>**

Country of origin	1979	1980	1981 <sup>2</sup>	Country of origin	1979	1980	1981 <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
North and South America, including Caribbean area:				Africa:			
Argentina	192	141	404	Malawi	51	22	68
Barbados	43	55	10	Mauritius	76	75	( <sup>3</sup> )
Brazil	1,173	759	970	Mozambique	79	109	46
Colombia	13	177	195	South Africa	118	125	( <sup>3</sup> )
Costa Rica	69	73	57	Swaziland	80	89	152
Dominican Republic	724	520	678	Zimbabwe	0	13	87
Ecuador	85	55	38	Other Africa	10	45	17
El Salvador	138	51	26	Total	414	478	370
Guatemala	146	188	193	Asia and Oceania:			
Guyana	42	55	69	Australia	74	237	799
Mexico	66	( <sup>3</sup> )	( <sup>3</sup> )	Philippines	334	348	231
Nicaragua	99	68	63	Thailand	0	59	229
Panama	139	144	106	Other Pacific Is.			
Peru	174	48	0	NEC	120	61	39
Other America	362	280	167	Other Asia and Oceania	26	4	2
Total	3,465	2,614	2,976	Total	554	709	1,300
				Europe	3	( <sup>3</sup> )	( <sup>3</sup> )
				World total	4,436	3,801	4,646

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

<sup>2</sup> Preliminary.

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

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

Table 125.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1979-81 <sup>1</sup>

Country of destination	1979	1980	1981 <sup>2</sup>	Country of destination	1979	1980	1981 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North American, including Caribbean areas:				Soviet Union	0	8,180	38,560
Bahamas.....	1,516	4,481	3,958	Africa:			
Canada.....	3,767	13,121	10,121	Algeria.....	0	23,631	0
Haiti.....	2	34	7,256	Egypt.....	3	23,687	23,042
Jamaica.....	1,366	3,265	12,885	Guinea.....	246	0	1
Leeward & Windward Islands.....	682	3,355	4,399	Nigeria.....	0	6	362
Mexico.....	211	209,267	289,206	Western Africa.....	0	0	588
Netherlands Antilles.....	3,901	5,191	5,483	Other.....	39	113	96
Trinidad and Tobago.....	1	20,852	1,932	Total.....	288	47,431	24,089
Other.....	364	713	23,496	Asia and Oceania:			
Total.....	11,810	260,279	358,736	Japan.....	5	5	8,048
South America:				Jordan.....	0	14,011	26,026
Chile.....	0	69,149	19,080	India.....	0	1	69,100
Peru.....	0	48,697	123,733	Indonesia.....	18	3	25,689
Venezuela.....	4	85,056	111,503	Iraq.....	0	12,359	14,309
Other.....	15	22	254	Iran.....	0	0	15,516
Total.....	19	202,924	254,570	Israel.....	0	19	4,567
Europe:				Saudia Arabia.....	440	240	205
Iceland.....	1	53	426	Syria.....	0	14,876	12,305
Netherlands.....	40	2	19	Trust Ter. of Pac. Is.....	999	1,249	1,544
Portugal.....	35	13,083	13,650	Turkey.....	0	11,799	80,128
Sweden.....	193	169	21	Other.....	263	222	620
Other.....	197	143	380	Total.....	1,725	54,784	258,057
Total.....	466	13,450	14,496	World totals.....	14,308	587,048	948,508

<sup>1</sup> Includes raw sugar exports and refined sugar exports converted to raw basis.<sup>2</sup> Preliminary.

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

Table 126.—Maple sirup and sugar: Production, farm disposition, season average price received by farmers, and value, United States, 1965-81 <sup>1</sup>

Year	Production		Disposition on farms where produced		Season average price per gallon of sirup	Value of production
	Sirup	In terms of sugar <sup>2</sup>	Home use	Sold		
	<i>1,000 gallons</i>	<i>1,000 pounds</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965.....	1,266	10,128	84	1,182	5.04	6,389
1966.....	1,476	11,808	84	1,392	4.96	7,319
1967.....	979	7,832	65	914	5.33	5,215
1968.....	983	7,864	62	921	5.48	5,391
1969.....	1,032	8,256	64	968	6.15	6,350
1970.....	1,110	8,880	71	1,039	6.83	7,575
1971.....	962	7,696	60	902	7.10	6,825
1972.....	1,099	8,792	57	1,042	8.79	9,670
1973.....	857	6,856	47	810	9.35	8,018
1974.....	1,087	8,696	70	1,017	9.90	10,768
1975.....	1,201	9,608	91	1,110	10.60	12,728
1976.....	927	7,416	84	843	11.50	10,638
1977.....	1,221	9,768	73	1,148	12.00	14,661
1978.....	1,154	9,232	77	1,077	12.90	14,854
1979.....	1,219	9,752	67	1,152	14.10	17,239
1980.....	973	7,784	80	893	16.20	15,779
1981.....	1,410	11,280	( <sup>3</sup> )	( <sup>3</sup> )	17.90	25,265

<sup>1</sup> Includes sirup later made into sugar. Does not include production on non-farm lands in Somerset County, Maine.<sup>2</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.<sup>3</sup> Series discontinued.

Statistical Reporting Service.

Table 127.—Maple sirup: Production, by States, 1979-81 <sup>1</sup>

State	Sirup made			State	Sirup made		
	1979	1980	1981		1979	1980	1981
	<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>
Maine .....	9	5	12	Pa.....	57	56	62
Mass.....	30	18	40	Vt.....	465	315	545
Mich.....	85	83	91	Wis.....	92	110	125
N.H.....	76	55	104	U.S.....	1,219	973	1,410
N.Y.....	315	243	331				
Ohio.....	90	88	100				

<sup>1</sup>Includes sirup later made into sugar. Does not include production on non-farm lands in Somerset County, Maine. Statistical Reporting Service.

Table 128.—Maple sirup: Production, farm disposition, and value, by States, crop of 1981 (preliminary) <sup>1</sup>

State	Production	Disposition on farms where grown		Season average price per gallon	Value of—	
		Home use	Sold		Production	Sales
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Maine .....	12	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Mass.....	40	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Mich.....	91	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
N.H.....	104	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
N.Y.....	331	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Ohio.....	100	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Pa.....	62	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Vt.....	545	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Wis.....	125	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
U.S.....	1,410	( <sup>2</sup> )	( <sup>2</sup> )	17.90	25,265	( <sup>2</sup> )

<sup>1</sup>Includes sirup later made into sugar. Does not include quantities produced on non-farm lands in Somerset County, Maine.

<sup>2</sup>Series discontinued.

Statistical Reporting Service.

**Table 129.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, and average price per pound received by beekeepers, United States, 1965-81**

Year	Number of colonies	Honey yield per colony	Production		Prices	
			Honey	Beeswax	All honey	Beeswax
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>
1965.....	4,718	51.3	241,849	4,697	0.178	0.449
1966.....	4,646	52.0	241,576	4,615	.174	.465
1967.....	4,635	46.6	215,780	4,386	.156	.588
1968.....	4,539	42.2	191,391	3,797	.169	.616
1969.....	4,433	60.3	267,485	5,171	.175	.611
1970.....	4,285	51.7	221,712	4,374	.174	.602
1971.....	4,107	48.2	197,826	3,597	.218	.613
1972.....	4,085	52.8	215,607	3,997	.302	.621
1973.....	4,124	58.0	239,089	4,251	.444	.744
1974.....	4,210	44.6	187,855	3,450	.510	1.14
1975.....	4,206	47.4	199,179	3,405	.505	1.03
1976.....	4,269	46.4	198,000	3,346	.499	1.12
1977.....	4,323	41.2	178,091	3,091	.529	1.58
1978.....	4,090	56.6	231,457	3,965	.546	1.74
1979.....	4,163	57.3	238,690	3,788	.593	1.75
1980.....	4,141	48.2	199,756	3,905	.615	1.83
1981.....	4,213	44.1	185,927	3,712	.632	1.91

Statistical Reporting Service.

**Table 130.—Honey: United States imports for consumption, by country of origin, 1979-81**

Continent and country of origin	1979	1980	1981 <sup>1</sup>	Continent and country of origin	1979	1980	1981 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>				<b>Europe:</b>			
Canada.....	4,314	7,889	5,066	Germany, Fed. Rep. of.....	19	19	19
Dominican Republic.....	581	438	533	Greece.....	14	11	9
El Salvador.....	300	38	505	Hungary.....	2	13	68
Guatemala.....	293	1	344	Netherlands.....	1	2	2
Honduras.....	242	59	315	United Kingdom.....	16	23	18
Mexico.....	3,222	3,822	11,308	Other countries.....	22	33	18
Other countries.....	37	4	87	<b>Total.....</b>	<b>74</b>	<b>101</b>	<b>134</b>
<b>Total.....</b>	<b>14,989</b>	<b>12,251</b>	<b>18,158</b>	<b>Asia and Oceania:</b>			
<b>South America:</b>				Australia.....	242	22	857
Argentina.....	400	623	5,531	China.....	8,182	7,919	8,636
Brazil.....	2,110	826	807	Taiwan.....	46	159	256
Chile.....	25	0	377	Hong Kong.....	127	103	171
Colombia.....	225	33	15	Japan.....	0	96	97
Venezuela.....	15	0	0	New Zealand.....	9	36	18
Other countries.....	116	59	12	Other countries.....	10	19	1
<b>Total.....</b>	<b>2,891</b>	<b>1,541</b>	<b>6,742</b>	<b>Total.....</b>	<b>8,616</b>	<b>8,354</b>	<b>10,036</b>
				<b>Total.....</b>	<b>26,570</b>	<b>22,247</b>	<b>35,070</b>

<sup>1</sup> Preliminary.

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

Table 131.—Honey: Colonies of bees, yield per colony, production and price of honey and beeswax, by States, 1980

State	1980					
	Number of colonies <sup>1</sup>	Honey yield per colony	Production		Price per pound	
			Honey	Beeswax	All honey	Beeswax
	<i>Thou-</i> <i>sands</i>	<i>Pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	44	36	1,584	32	0.670	1.76
Ariz.....	67	67	3,819	76	.543	1.72
Ark.....	32	49	1,568	30	.560	1.81
Calif.....	504	46	23,184	556	.500	1.68
Colo.....	45	52	2,340	47	.640	1.81
Conn.....	8	24	192	5	1.030	1.84
Del.....	4	25	100	3	1.020	2.10
Fla.....	350	58	20,300	345	.520	1.82
Ga.....	161	26	4,186	59	.560	1.86
Hawaii.....	7	123	861	20	.496	1.72
Idaho.....	109	36	3,924	71	.540	1.87
Ill.....	38	49	1,862	43	.860	1.89
Ind.....	76	38	2,888	69	.844	1.79
Iowa.....	85	74	6,290	113	.600	1.85
Kans.....	43	50	2,150	39	.577	1.82
Ky.....	52	27	1,404	35	.953	1.58
La.....	31	55	1,705	34	.500	1.84
Maine.....	7	19	133	3	.831	1.84
Md.....	14	30	420	10	.832	2.06
Mass.....	12	24	288	6	1.020	1.85
Mich.....	102	43	4,386	101	.613	1.84
Minn.....	180	76	13,680	246	.530	1.90
Miss.....	45	35	1,575	30	.700	1.85
Mo.....	124	53	6,572	112	.830	1.78
Mont.....	103	104	10,712	214	.560	1.90
Nebr.....	120	64	7,680	108	.550	1.90
Nev.....	11	60	660	13	.720	1.67
N.H.....	4	17	68	2	1.010	1.84
N.J.....	43	33	1,419	34	1.070	2.16
N. Mex.....	17	32	544	10	.578	1.70
N.Y.....	117	43	5,081	101	.636	1.93
N.C.....	170	30	5,100	133	.900	1.86
N. Dak.....	220	65	14,300	257	.528	1.95
Ohio.....	82	30	2,460	49	.782	1.66
Okla.....	44	45	1,980	40	1.050	1.69
Oreg.....	58	34	1,972	34	.610	1.80
Pa.....	80	41	3,280	62	.700	1.95
R.I.....	1	26	26	1	1.140	1.85
S.C.....	55	24	1,320	30	.980	1.91
S. Dak.....	184	44	8,096	162	.520	1.89
Tenn.....	140	35	4,900	98	.940	1.83
Tex.....	198	35	6,930	125	.560	1.82
Utah.....	46	33	1,518	38	.581	1.73
Vt.....	9	28	252	3	.963	1.84
Va.....	77	19	1,463	31	.964	1.78
Wash.....	90	42	3,780	72	.570	1.97
W. Va.....	67	29	1,943	31	1.150	2.10
Wis.....	125	48	6,000	114	.580	1.86
Wyo.....	41	71	2,911	58	.550	1.97
U.S.....	4,141	48.2	199,756	3,905	.615	1.83

<sup>1</sup>Sum of State totals exceed the U.S. total because of duplication of colonies between States. Statistical Reporting Service.

Table 132.—Honey: Colonies of bees, yield per colony, production and price of honey and beeswax, by States, 1981

State	1981					
	Number of colonies <sup>1</sup>	Honey yield per colony	Production		Price per pound	
			Honey	Beeswax	All honey	Beeswax
			<i>Thou-</i> <i>sands</i>	<i>Pounds</i>	<i>1,000</i> <i>pounds</i>	<i>1,000</i> <i>pounds</i>
Ala.....	42	43	1,806	43	0.662	1.86
Ariz.....	64	53	3,392	58	.560	1.88
Ark.....	31	44	1,364	31	.650	1.90
Calif.....	500	18	9,000	234	.522	1.91
Colo.....	41	62	2,542	61	.670	1.86
Conn.....	8	24	192	4	1.040	2.10
Del.....	4	23	92	2	1.100	2.40
Fla.....	360	67	24,120	362	.537	1.97
Ga.....	145	37	5,365	64	.610	1.90
Hawaii.....	7	125	875	16	.533	1.86
Idaho.....	108	37	3,996	96	.551	1.93
Ill.....	41	26	1,066	23	.868	1.99
Ind.....	76	22	1,672	42	.894	1.86
Iowa.....	88	39	3,432	89	.584	1.95
Kans.....	40	49	1,960	43	.745	1.79
Ky.....	56	21	1,176	32	1.100	1.84
La.....	30	65	1,950	35	.520	1.90
Maine.....	8	28	224	5	.891	1.99
Md.....	15	26	390	9	1.150	2.08
Mass.....	11	23	253	4	1.040	1.93
Mich.....	98	50	4,900	103	.627	1.91
Minn.....	190	43	8,170	188	.581	1.92
Miss.....	41	45	1,845	35	.586	2.00
Mo.....	128	36	4,608	101	.870	1.84
Mont.....	108	100	10,800	184	.570	1.98
Nebr.....	122	40	4,880	122	.558	2.00
Nev.....	12	35	420	7	.750	1.90
N.H.....	4	23	92	2	1.050	2.00
N.J.....	38	35	1,330	32	1.010	1.89
N. Mex.....	18	39	702	12	.649	1.96
N.Y.....	116	34	3,944	91	.632	2.00
N.C.....	187	29	5,423	141	.869	1.70
N. Dak.....	265	87	23,055	369	.550	1.99
Ohio.....	85	22	1,870	39	.829	1.96
Okla.....	48	36	1,728	38	.910	1.64
Oreg.....	59	33	1,947	39	.749	1.95
Pa.....	85	30	2,550	64	.831	1.82
R.I.....	1	24	24	1	1.240	2.25
S.C.....	52	22	1,144	24	.974	1.80
S. Dak.....	180	51	9,180	220	.538	1.90
Tenn.....	150	34	5,100	107	.930	1.85
Tex.....	190	60	11,400	239	.584	1.85
Utah.....	46	37	1,702	41	.592	1.92
Vt.....	9	45	405	6	.950	1.95
Va.....	73	31	2,263	38	.950	1.93
Wash.....	87	35	3,045	52	.570	1.98
W. Va.....	62	20	1,240	10	.887	2.00
Wis.....	125	33	4,125	87	.640	1.94
Wyo.....	44	72	3,168	67	.560	1.88
U.S.....	4,213	44.1	185,927	3,712	.632	1.91

<sup>1</sup> Sum of State totals exceed the U.S. total because of duplication of colonies between States.

Statistical Reporting Service.

**Table 133.—Honey and beeswax: Average wholesale prices for specified types and locations, 1972-81<sup>1</sup>**

Item and location	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
EXTRACTED HONEY, PER POUND <sup>2</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>	<i>Cents</i>	<i>Cents</i>
Florida: Extra Light Amber, to Water White, Orange <sup>3</sup> .....	31.2	36.0	40.0	40.5	39.3	40.6	45.1	50.2	49.7	52.7
California: Extra Light Amber to Water White, Orange <sup>4</sup> .....	30.7	36.5	42.1	41.2	41.0	43.5	44.1	49.5	47.3	55.1
Light Amber to Extra Light Amber, Alfalfa.....	28.9	43.0	41.4	39.8	37.3	39.4	45.3	47.9	47.1	49.2
Western States: White to Water White, Clover and Alfalfa.....	29.8	45.3	48.3	44.2	44.3	44.3	45.5	51.6	53.3	56.1
New York and North Central States: White to Water White, Clover and Alfalfa.....	31.2	40.8	47.1	45.8	44.2	44.5	45.8	51.2	52.4	54.1

<sup>1</sup> Simple average of average monthly prices, 1972-74; weighted average of monthly prices, 1975-81.

<sup>2</sup> Except where otherwise stated, price to beekeepers for bulk unprocessed honey, f.o.b. shipping point or delivered nearby market.

<sup>3</sup> Extra Light Amber to White 1971-79.

<sup>4</sup> White to Water White 1971-79.

Agricultural Marketing Service.

**Table 134.—Beeswax, crude: United States imports for consumption, by country of origin, 1979-81**

Continent and country of origin	1979	1980	1981 <sup>1</sup>	Continent and country of origin	1979	1980	1981 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Europe:			
Canada.....	78	111	230	France.....	5	( <sup>2</sup> )	( <sup>2</sup> )
Dominican Republic.....	174	159	192	Other countries.....	( <sup>2</sup> )	( <sup>2</sup> )	7
Haiti.....	16	15	27	Asia and Oceania:			
Mexico.....	160	234	84	Australia.....	3	5	0
South America:				China.....	10	2	0
Brazil.....	122	149	190	New Zealand.....	0	0	20
Chile.....	152	193	120	Other countries.....	2	1	0
Other countries.....	0	0	8	Total.....	836	988	1,087
Africa:							
Egypt.....	0	3	41				
Ethiopia.....	114	86	77				
Tanzania.....	0	25	85				
Other countries.....	0	5	6				

<sup>1</sup> Preliminary.

<sup>2</sup> Less than 1 metric ton.

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



Table 135.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1965-81

Year	Production <sup>1</sup>						Imports				
	Sirups					Honey	Total	Maple sirup	Edible molasses and cane sirup <sup>3</sup>	Honey	Total
	Corn	Cane	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	
1965.....	243,682	2,989	1,266	2,994	2,648	20,427	274,006	879	3,349	1,127	5,355
1966.....	252,337	2,923	1,476	2,493	2,563	20,403	282,195	938	3,061	806	4,305
1967.....	255,860	2,121	979	2,402	2,477	18,225	282,064	1,147	1,065	1,416	3,628
1968.....	274,000	2,346	983	2,561	2,466	16,165	298,521	988	3,693	1,427	6,108
1969.....	282,000	2,661	1,032	2,235	2,532	22,591	313,051	1,185	2,201	1,244	4,630
1970.....	292,000	.....	1,110	1,695	2,121	18,726	315,652	956	2,052	749	3,757
1971.....	304,000	.....	962	1,883	2,517	16,708	326,070	577	2,333	967	3,877
1972.....	387,880	.....	1,099	2,077	2,290	18,210	411,556	710	1,623	3,291	5,624
1973.....	451,264	.....	857	2,309	1,926	20,193	476,549	803	2,857	900	4,560
1974.....	498,313	.....	1,087	2,564	1,559	15,866	519,389	801	2,469	2,196	5,466
1975.....	561,215	.....	1,207	2,482	2,114	16,823	583,841	607	2,483	3,917	7,007
1976.....	615,498	.....	927	2,403	2,574	16,756	638,158	886	3,188	5,608	9,682
1977.....	695,196	.....	1,221	2,197	2,538	15,076	716,228	867	1,773	5,396	8,036
1978.....	751,809	.....	1,154	2,571	2,750	19,466	777,750	811	2,077	4,727	7,615
1979.....	845,741	.....	1,219	2,524	2,900	20,160	872,544	857	2,944	4,948	8,749
1980.....	941,056	.....	973	1,983	1,900	16,871	962,783	855	3,422	4,143	8,420
1981 <sup>5</sup> .....	1,073,933	.....	1,410	1,446	1,982	15,703	1,094,474	1,046	2,040	6,530	9,616

  

Year	Exports			Indicated domestic consumption				
	Corn sirup	Honey	Total	Sirups			Honey	Total
				Corn	Maple	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
1965.....	1,003	1,166	2,169	242,679	2,145	11,980	20,388	277,192
1966.....	1,038	1,219	2,257	251,299	2,414	11,040	19,990	284,743
1967.....	1,113	986	2,099	254,747	2,126	8,065	18,655	283,593
1968.....	1,541	684	2,225	272,459	1,971	11,105	16,908	302,443
1969.....	2,169	833	3,002	279,831	2,217	9,694	23,002	314,744
1970.....	1,824	689	2,013	290,676	2,066	5,981	18,717	317,510
1971.....	1,324	639	1,963	302,676	1,539	6,870	17,035	328,120
1972.....	1,205	346	1,551	386,675	1,809	6,061	21,155	415,700
1973.....	1,377	1,485	2,861	449,887	1,660	7,170	19,609	478,326
1974.....	1,736	386	2,122	496,577	1,888	6,631	17,676	522,772
1975.....	1,070	337	1,407	560,145	1,814	7,079	20,403	588,441
1976.....	1,674	396	2,070	613,824	1,813	8,165	21,968	645,770
1977.....	1,543	466	2,009	693,653	2,088	6,508	20,006	722,255
1978.....	1,694	679	2,373	750,115	1,965	7,398	23,514	782,992
1979.....	1,207	747	1,954	844,534	2,076	8,368	24,361	879,339
1980.....	3,498	722	4,220	937,558	1,828	7,620	20,292	967,298
1981 <sup>5</sup> .....	2,926	777	3,703	1,071,009	2,456	5,468	21,456	1,100,389

<sup>1</sup> Production of cane sirup and edible molasses is of the fall of the preceding year. Cane sirup discontinued beginning 1970.

<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.

<sup>4</sup> Unofficial estimates, 1968-71 and 1978-79; estimates for 1972-1977 from U.S. International Trade Commission Publication 881, April 1978. Corn sirup production includes high-fructose corn sirup beginning 1972.

<sup>5</sup> Preliminary.

Economic Research Service.

**Table 136.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1965–81**

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Mainland cane	Domestic beet	Refiners' black-strap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	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
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	97,206	99,826	37,936	17,291	20,400	272,659	55,662	5,619	61,281
1968	87,121	136,694	46,113	9,063	21,000	299,991	66,157	7,008	73,165
1969	74,139	155,700	42,700	13,732	21,000	307,271	48,430	4,778	53,208
1970	86,037	160,100	46,600	11,808	22,000	326,645	56,937	3,193	60,130
1971	88,609	161,159	43,474	10,215	22,000	325,457	50,111	1,452	51,563
1972	125,593	166,584	39,142	8,308	22,500	362,127	55,759	6,785	62,544
1973	112,360	158,138	44,900	9,837	23,000	348,235	51,025		51,025
1974	102,078	155,916	45,000	10,588	23,500	337,082	44,163	2,374	46,537
1975	125,430	188,175	45,000	10,178	24,500	393,283	49,349		49,349
1976	131,746	157,996	50,312	5,802	37,000	382,856	46,808	82	46,890
1977	111,330	167,079	50,668	5,183	39,700	376,960	42,144		42,144
1978	106,730	140,231	44,558	4,250	41,688	337,457	51,589		51,589
1979	107,389	164,581	39,049	3,463	40,318	354,800	57,537		57,537
1980	109,678	113,306	34,655	6,322	39,726	303,687	48,402		48,402
1981 <sup>1</sup>	122,800	148,657	41,361	6,134	19,466	338,418	55,139		55,139

  

Year	United States imports from foreign countries						Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total	Mainland imports <sup>2</sup>	
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
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	19,935	40,171	130,705	159,737	350,548	996	683,492
1968	17,862	28,914	94,335	226,980	368,091	3,077	738,170
1969	20,136	44,363	112,481	184,683	361,663	2,992	719,150
1970	32,633	34,325	81,387	233,514	381,859	1,447	767,087
1971	37,071	27,293	105,878	229,522	399,764	1,718	775,066
1972	42,944	45,871	116,437	201,594	406,846	3,082	828,435
1973	52,733	45,007	119,232	186,342	403,314	4,680	797,894
1974	62,061	31,395	110,726	180,095	384,277	12,645	755,251
1975	31,148	24,389	74,445	173,304	303,286	6,310	739,608
1976	45,798	27,513	79,810	258,073	411,194	11,215	829,725
1977	30,937	10,667	88,857	217,187	347,648	22,892	743,860
1978	9,220	12,895	97,606	151,289	271,010	20,290	639,766
1979	9,612	16,362	64,761	140,979	231,714	19,287	624,764
1980	5,214	23,791	33,867	77,467	140,339	23,656	468,772
1981 <sup>1</sup>	19,345	26,502	6,527	96,641	149,015	17,779	524,793

<sup>1</sup> Preliminary.

<sup>2</sup> Does not include exports from Hawaii and Puerto Rico.

Agricultural Marketing Service.

Table 137.—Tobacco: Area, yield, production, and value, United States, 1965–81

Year	Area harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Value of production
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965.....	976,930	1,898	1,854,568	65.1	1,207,735
1966.....	971,890	1,939	1,884,627	70.9	1,252,351
1967.....	959,770	2,050	1,967,911	66.8	1,315,500
1968.....	879,280	1,945	1,710,348	69.5	1,188,610
1969.....	918,320	1,964	1,803,272	71.8	1,295,535
1970.....	898,330	2,122	1,906,453	72.9	1,389,311
1971.....	837,590	2,035	1,704,884	78.6	1,339,644
1972.....	842,420	2,076	1,749,085	83.0	1,451,275
1973.....	886,590	1,965	1,742,105	90.1	1,569,440
1974.....	962,620	2,067	1,989,728	108.6	2,159,875
1975.....	1,086,650	2,008	2,182,304	102.6	2,238,288
1976.....	1,046,920	2,041	2,136,674	112.5	2,404,337
1977.....	965,800	1,982	1,914,129	118.6	2,270,360
1978.....	963,730	2,101	2,024,820	132.4	2,679,967
1979.....	827,200	1,845	1,526,549	141.1	2,153,958
1980.....	920,520	1,940	1,786,192	152.3	2,720,652
1981 <sup>2</sup> .....	973,680	2,116	2,060,236	170.6	3,514,259

<sup>1</sup> Production figures are on farm-sales-weight basis.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 138.—Tobacco: Area, yield, and production, by States, 1979–81

State	Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<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>
Ala. <sup>2</sup> .....	500	510		1,650	1,620		825	826	
Conn.....	3,200	3,300	3,200	1,539	1,595	1,764	4,925	5,262	5,645
Fla.....	10,300	9,600	9,600	2,250	2,130	2,380	23,175	20,448	22,848
Ga.....	53,000	55,000	55,000	1,905	2,010	2,200	100,965	110,550	121,000
Ind.....	6,100	7,300	8,300	1,950	2,300	2,265	11,895	16,790	18,800
Ky.....	173,700	200,900	234,600	1,976	2,094	2,172	343,145	420,662	509,576
La.....	80	80	50	700	700	900	56	56	45
Md.....	19,500	23,000	23,000	1,130	1,100	1,300	22,035	25,300	29,900
Mass.....	990	1,190	1,140	1,500	1,586	1,728	1,485	1,887	1,970
Mo.....	2,500	2,500	2,800	2,405	2,105	2,170	6,013	5,263	6,076
N.C.....	337,800	383,700	373,700	1,840	1,987	2,132	621,426	762,407	796,840
Ohio.....	9,800	11,200	13,100	1,435	1,788	1,745	14,063	20,020	22,854
Pa.....	11,200	13,000	13,300	1,580	1,900	2,050	17,696	24,700	27,265
S.C.....	57,000	65,000	69,000	2,065	1,930	2,168	117,705	125,450	149,580
Tenn.....	60,090	64,760	78,650	1,745	1,728	2,053	104,829	111,931	161,463
Va.....	67,240	65,380	73,340	1,630	1,635	2,153	109,603	106,875	157,873
W. Va.....	1,300	1,200	1,500	1,275	1,500	1,620	1,658	1,800	2,430
Wis.....	12,900	12,900	13,400	1,942	2,013	1,946	25,050	25,965	26,077
U.S.....	827,200	920,520	973,680	1,845	1,940	2,116	1,526,549	1,786,192	2,060,236

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued after 1980 crop.

Statistical Reporting Service.

Table 139.—Tobacco: Area, yield, and production in specified countries, 1979-81

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Hec-tares	Hec-tares	Hec-tares	Kilo-grams	Kilo-grams	Kilo-grams	Metric tons	Metric tons	Metric tons
<b>North America:</b>									
Canada	36,354	46,383	47,480	2,169	2,327	2,316	78,851	107,912	109,950
Costa Rica	1,967	1,630	1,584	1,213	1,277	1,104	2,385	2,082	1,749
Cuba	48,000	40,000	60,000	625	125	833	30,000	5,000	50,000
Dominican Republic	36,525	30,205	32,755	1,448	1,615	1,235	52,900	48,780	40,450
El Salvador	2,023	2,275	2,300	1,573	1,446	1,515	3,183	3,289	3,485
Guatemala	5,130	5,913	3,712	1,517	1,573	1,876	7,784	9,300	6,965
Haiti	384	455	455	727	846	747	279	385	340
Honduras	5,460	5,530	6,020	1,389	1,358	1,326	7,585	7,512	7,984
Jamaica	798	892	1,050	1,559	1,340	1,368	1,244	1,195	1,436
Mexico	45,000	51,000	42,284	1,689	1,546	1,666	76,000	78,870	70,450
Nicaragua	1,678	1,518	2,192	1,636	2,032	2,020	2,745	3,084	4,427
Panama	1,100	870	850	1,537	1,799	1,793	1,691	1,565	1,524
Trinidad-Tobago	95	90	100	1,684	1,556	1,700	160	140	170
United States (incl. Puerto Rico)	335,285	373,217	391,425	2,068	2,174	2,375	693,320	811,312	929,784
<b>Total</b>	<b>519,799</b>	<b>559,978</b>	<b>592,207</b>	<b>1,843</b>	<b>1,929</b>	<b>2,075</b>	<b>958,127</b>	<b>1,080,426</b>	<b>1,228,714</b>
<b>South America:</b>									
Argentina	64,970	50,910	47,870	1,054	1,215	1,059	68,450	61,839	50,683
Brazil	251,000	250,000	239,000	1,598	1,400	1,318	401,000	350,000	315,000
Bolivia	2,100	2,100	2,100	1,143	1,143	1,143	2,400	2,400	2,400
Chile	2,981	2,171	2,199	2,519	2,421	2,550	7,508	5,256	5,608
Colombia	26,398	23,927	26,338	1,538	1,407	1,413	40,600	33,656	37,212
Ecuador	1,497	1,455	1,601	1,706	1,973	1,998	2,554	2,871	3,198
Guyana	95	100	100	947	1,000	1,000	90	100	100
Paraguay	23,260	11,800	8,600	1,058	1,356	1,047	24,600	16,000	9,000
Peru	2,600	3,700	4,400	1,297	1,216	1,205	3,371	4,500	5,300
Uruguay	945	914	875	1,679	1,627	1,600	1,587	1,487	1,400
Venezuela	15,000	16,000	13,750	1,433	1,438	1,143	21,500	23,000	15,716
<b>Total</b>	<b>390,846</b>	<b>363,077</b>	<b>346,833</b>	<b>1,468</b>	<b>1,380</b>	<b>1,285</b>	<b>573,660</b>	<b>501,109</b>	<b>445,617</b>
<b>Europe:</b>									
Belgium	524	436	400	3,430	2,430	3,300	1,797	1,059	1,320
France	19,788	18,639	16,966	2,560	2,490	2,620	50,640	46,498	44,390
Germany, Fed. Rep. of	3,390	3,374	3,192	2,520	2,040	2,440	8,536	6,894	7,802
Greece	93,313	89,307	89,852	1,360	1,310	1,360	127,223	116,842	122,380
Italy	59,995	60,984	59,500	2,280	2,060	2,070	136,571	125,541	123,400
<b>Total EC</b>	<b>177,010</b>	<b>172,740</b>	<b>169,910</b>	<b>1,835</b>	<b>1,718</b>	<b>1,761</b>	<b>324,767</b>	<b>296,834</b>	<b>299,292</b>
Austria	258	256	255	1,306	1,953	2,157	337	500	550
Portugal (incl. Azores)	835	938	1,175	1,737	1,715	1,877	1,450	1,609	2,206
Spain (incl. Canary Is.)	18,392	19,513	19,977	1,896	1,891	1,896	34,872	36,899	37,885
Switzerland	730	766	770	2,434	1,775	1,948	1,777	1,360	1,500
<b>Total Western Europe</b>	<b>197,225</b>	<b>194,213</b>	<b>192,087</b>	<b>1,842</b>	<b>1,736</b>	<b>1,777</b>	<b>363,203</b>	<b>337,202</b>	<b>341,433</b>
Albania	24,000	24,000	24,000	542	542	542	13,000	13,000	13,000
Bulgaria	115,410	115,000	110,960	1,363	1,348	1,118	157,300	155,000	124,105
Czechoslovakia	3,700	3,889	3,700	1,189	1,373	1,405	4,400	5,339	5,200
Germany, Dem. Rep. of	2,900	2,900	3,000	1,483	1,414	1,567	4,300	4,100	4,700
Hungary	16,294	14,442	15,000	1,489	955	1,333	24,266	13,785	20,000
Poland	42,976	51,680	48,590	1,726	1,089	1,672	74,156	56,257	81,250
Romania	44,300	44,000	38,721	885	841	826	39,200	37,000	32,000
Yugoslavia	54,400	57,300	64,000	1,285	995	1,094	69,900	57,000	70,000
<b>Total Eastern Europe</b>	<b>303,980</b>	<b>313,211</b>	<b>307,971</b>	<b>1,272</b>	<b>1,090</b>	<b>1,137</b>	<b>386,522</b>	<b>341,481</b>	<b>350,255</b>
<b>Total Europe</b>	<b>501,205</b>	<b>507,424</b>	<b>500,058</b>	<b>1,496</b>	<b>1,338</b>	<b>1,383</b>	<b>749,725</b>	<b>678,683</b>	<b>691,688</b>
<b>Soviet Union</b>	<b>178,000</b>	<b>177,000</b>	<b>183,000</b>	<b>1,691</b>	<b>1,633</b>	<b>1,612</b>	<b>301,000</b>	<b>289,000</b>	<b>295,000</b>
<b>Africa:</b>									
Algeria	9,100	9,200	9,200	451	457	457	4,100	4,200	4,200
Angola	3,750	3,950	3,950	987	987	987	3,700	3,900	3,900
Burundi Rwanda	2,000	2,000	2,000	800	800	800	1,600	1,600	1,600
Cameroon	6,900	6,900	6,900	870	870	870	6,000	6,000	6,000
Congo, Republic of	4,100	4,100	4,100	439	439	439	1,800	1,800	1,800
Ghana	1,550	1,295	1,295	495	347	355	768	449	460
Ivory Coast	230	195	200	1,000	877	1,000	230	171	200
Kenya	3,008	3,280	3,300	959	915	909	2,886	3,000	3,000
Libya	900	900	900	1,600	1,600	1,600	1,440	1,440	1,440
Madagascar	5,900	5,900	5,900	898	898	898	5,300	5,300	5,300

See footnotes at end of table.

Table 139.—Tobacco: Area, yield, and production in specified countries, 1979-81—  
Continued

Continent and country	Area harvested			Yield per hectare			Production <sup>2</sup>		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Hec- tares	Hec- tares	Hec- tares	Kilo- grams	Kilo- grams	Kilo- grams	Metric tons	Metric tons	Metric tons
<b>Africa—Continued</b>									
Malawi.....	81,000	68,834	68,880	792	808	760	64,185	55,643	52,326
Mauritius.....	600	600	600	1,400	1,098	1,098	840	659	659
Morocco.....	5,237	5,751	6,211	1,598	1,569	1,203	8,370	9,024	7,471
Mozambique.....	2,600	2,600	2,700	1,077	1,077	1,074	2,800	2,800	2,900
Nigeria.....	20,530	20,680	20,280	601	887	876	12,340	18,339	17,760
Sierra Leone.....	431	450	587	1,121	1,071	1,053	483	482	618
South Africa.....	39,681	37,691	37,500	1,238	946	934	49,141	35,638	35,020
Tanzania.....	28,000	27,000	24,500	619	628	665	17,331	16,969	16,300
Tunisia.....	3,647	3,735	5,068	1,500	1,280	1,238	5,469	4,779	6,272
Uganda.....	3,000	3,000	3,000	833	833	833	2,500	2,500	2,500
Zambia.....	5,500	5,500	4,500	818	909	1,000	4,500	5,000	4,500
Zaire.....	2,484	2,400	2,400	693	1,055	1,063	1,722	2,532	2,550
Zimbabwe.....	62,184	65,936	39,756	1,841	1,653	1,746	114,488	109,025	69,410
<b>Total.....</b>	<b>292,332</b>	<b>281,897</b>	<b>253,727</b>	<b>1,067</b>	<b>1,033</b>	<b>970</b>	<b>311,993</b>	<b>291,250</b>	<b>246,186</b>
<b>Asia:</b>									
Bangladesh.....	49,796	45,090	50,342	878	877	866	43,744	39,526	43,612
Burma.....	65,000	64,000	64,000	1,180	1,172	1,172	76,700	75,000	75,000
China.....	633,267	800,000	987,000	1,487	1,123	1,317	941,400	898,000	1,300,000
Taiwan.....	8,515	8,433	8,739	2,522	2,342	2,600	21,476	19,747	22,718
Cyprus.....	1,336	420	456	564	964	829	753	405	378
India.....	409,300	425,400	428,200	1,109	1,031	1,064	453,800	438,800	455,600
Indonesia.....	232,131	214,500	185,500	608	638	671	141,194	136,775	124,540
Iran.....	15,000	19,000	19,000	1,133	1,256	1,263	17,000	23,867	24,000
Iraq.....	16,500	16,500	16,500	576	576	576	9,500	9,500	9,500
Israel.....	1,150	1,200	1,200	609	583	583	700	700	700
Japan.....	62,329	60,755	58,988	2,459	2,327	2,419	153,262	141,393	142,700
Jordan.....	4,930	6,287	6,310	264	532	531	1,301	3,345	3,350
Kampuchea.....	14,000	12,000	12,000	629	608	608	8,800	7,300	7,300
Korea, Dem. Peo. Rep. of.....	30,000	28,000	27,100	833	821	738	25,000	23,000	20,000
Korea, Rep. of.....	55,700	45,873	40,512	2,004	2,017	2,142	111,600	92,506	86,765
Laos.....	7,000	7,000	7,000	586	586	586	4,100	4,100	4,100
Lebanon.....	3,500	3,400	4,200	1,143	1,176	1,190	4,000	4,000	5,000
Malaysia.....	12,495	13,588	13,600	603	773	734	7,535	10,497	9,980
Pakistan.....	45,087	45,485	32,747	1,550	1,562	1,870	69,870	71,046	61,235
Philippines.....	96,433	82,765	87,730	885	912	927	85,322	75,492	81,326
Singapore.....	372	134	34	1,285	1,493	1,471	478	200	50
Sri Lanka.....	16,900	15,400	14,000	857	844	857	14,477	13,000	12,000
Syria.....	13,153	13,491	13,750	883	971	945	11,617	13,103	13,000
Thailand.....	151,520	152,500	152,000	548	570	572	83,000	87,000	87,000
Turkey.....	223,253	260,000	208,000	960	962	962	214,317	250,000	200,000
Vietnam.....	16,000	16,000	16,000	1,438	1,438	1,438	23,000	23,000	23,000
<b>Total.....</b>	<b>2,184,667</b>	<b>2,357,221</b>	<b>2,454,908</b>	<b>1,155</b>	<b>1,044</b>	<b>1,146</b>	<b>2,523,946</b>	<b>2,461,002</b>	<b>2,812,854</b>
<b>Oceania:</b>									
Australia.....	8,061	7,526	7,532	1,861	2,006	1,977	15,004	15,095	14,893
New Zealand.....	1,709	1,483	980	2,194	2,154	2,195	3,750	3,194	2,151
<b>Total.....</b>	<b>9,770</b>	<b>9,009</b>	<b>8,512</b>	<b>1,920</b>	<b>2,030</b>	<b>2,002</b>	<b>18,754</b>	<b>18,289</b>	<b>17,044</b>
<b>World total.....</b>	<b>4,076,623</b>	<b>4,255,612</b>	<b>4,339,246</b>	<b>1,334</b>	<b>1,250</b>	<b>1,322</b>	<b>5,437,209</b>	<b>5,319,767</b>	<b>5,737,104</b>

<sup>1</sup> Preliminary.<sup>2</sup> Production figures on farm-sales-weight basis, which is about 10 percent above dry-weight figures normally reported in trade statistics.

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

**Table 140.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1973-81 (farm-sales-weight basis)**

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total flue-cured, types 11-14:</b>	<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>
1973.....	575,130	2,011	1,156,659	1,749,294	2,908,286	<sup>3</sup> 1,301,002	598,048	702,954	88.1
1974.....	616,330	2,014	1,241,327	1,607,284	2,905,953	<sup>3</sup> 1,200,428	548,293	652,135	105.0
1975.....	717,200	1,973	1,415,035	1,651,965	3,067,000	<sup>3</sup> 1,193,078	522,454	670,624	99.8
1976.....	666,640	1,974	1,316,257	1,898,281	3,214,538	<sup>3</sup> 1,148,233	514,228	634,005	110.4
1977.....	595,250	1,899	1,130,460	2,074,975	3,205,435	<sup>3</sup> 1,147,254	539,069	608,185	117.6
1978.....	602,090	2,046	1,231,643	2,051,906	3,283,549	<sup>3</sup> 1,182,955	598,669	584,286	135.0
1979.....	502,800	1,881	945,775	2,074,828	3,020,603	<sup>3</sup> 1,083,205	520,000	563,205	140.0
1980.....	555,110	1,957	1,086,099	1,965,386	3,051,485	1,038,513	490,000	548,515	144.5
1981 <sup>4</sup> .....	539,800	2,161	1,166,389	2,012,570	3,178,959				
<b>Total fire-cured, types 21-23:</b>									
1973.....	21,320	1,566	33,385	64,885	98,270	46,070	28,661	17,409	72.3
1974.....	21,190	1,504	31,867	52,200	84,067	35,990	20,791	15,199	91.2
1975.....	23,380	1,601	37,435	48,077	85,512	35,489	21,927	13,562	103.2
1976.....	26,500	1,453	38,516	50,023	88,539	40,646	27,503	13,143	138.9
1977.....	32,760	1,598	52,366	47,893	100,259	40,581	20,433	20,148	127.3
1978.....	33,200	1,755	58,260	59,678	117,938	41,937	25,820	16,117	110.4
1979.....	26,890	1,674	45,005	76,001	121,006	43,728	22,463	21,265	114.3
1980.....	23,260	1,559	36,260	77,278	113,538	42,200	19,865	22,335	138.3
1981 <sup>4</sup> .....	24,870	1,685	41,914	71,348	113,262				
<b>Virginia fire-cured, type 21:</b>									
1973.....	4,700	1,205	5,664	7,628	13,292	6,191	4,455	1,736	75.5
1974.....	5,000	1,185	5,925	7,101	13,026	5,697	4,986	711	81.7
1975.....	5,000	975	4,875	7,329	12,204	4,766	3,381	1,385	93.0
1976.....	5,300	1,000	5,300	7,438	12,738	6,080	4,095	1,985	118.0
1977.....	7,200	1,000	7,200	6,658	13,858	5,189	2,409	2,780	96.3
1978.....	6,100	1,120	6,832	8,669	15,501	4,604	3,648	956	94.5
1979.....	4,800	1,135	5,448	10,897	16,345	7,082	3,788	3,294	107.9
1980.....	3,900	935	3,647	9,263	12,910	4,642	2,033	2,609	128.1
1981 <sup>4</sup> .....	4,100	1,200	4,920	8,278	13,198				
<b>Kentucky and Tennessee fire-cured, types 22-23:</b>									
1973.....	16,620	1,668	27,721	57,257	84,978	39,879	24,206	15,673	71.7
1974.....	16,190	1,734	25,942	45,099	71,041	30,293	15,805	14,488	93.4
1975.....	16,380	1,772	32,560	40,748	73,308	30,723	18,546	12,177	104.7
1976.....	21,200	1,567	33,216	42,585	75,801	34,566	23,408	11,158	142.2
1977.....	25,560	1,767	45,166	41,235	86,401	35,392	18,024	17,368	132.3
1978.....	27,100	1,898	51,428	51,009	102,437	37,333	22,172	15,161	113.6
1979.....	22,090	1,791	39,557	65,104	104,661	36,646	18,675	17,971	115.2
1980.....	19,360	1,685	32,613	68,015	100,628	37,558	17,832	19,726	139.4
1981 <sup>4</sup> .....	20,770	1,781	36,994	63,070	100,064				
<b>Burley type 31:</b>									
1973.....	222,100	2,028	450,416	1,229,175	1,679,591	<sup>6</sup> 619,223	86,759	532,464	92.9
1974.....	260,750	2,350	612,649	1,070,665	1,683,314	<sup>6</sup> 586,718	67,902	518,816	113.7
1975.....	282,150	2,265	639,056	1,094,385	1,733,441	<sup>6</sup> 602,271	92,422	509,849	105.5
1976.....	285,800	2,376	678,976	1,160,102	1,839,078	<sup>6</sup> 617,428	116,833	500,593	114.1
1977.....	268,600	2,298	617,280	1,217,225	1,834,505	<sup>6</sup> 611,318	116,489	494,829	120.0
1978.....	261,000	2,396	626,273	1,218,439	1,844,702	<sup>6</sup> 624,304	121,471	502,833	131.2
1979.....	238,100	1,873	445,845	1,211,735	1,657,580	<sup>6</sup> 631,750	133,283	498,467	145.2
1980.....	276,600	2,027	560,783	1,025,812	1,586,595	583,124	105,494	477,630	165.9
1981 <sup>4</sup> .....	323,700	2,214	716,805	1,000,221	1,717,026				
<b>Maryland type 32:</b>									
1973.....	25,800	1,260	35,027	52,682	87,709	25,998	12,345	13,653	90.5
1974.....	24,000	1,260	30,240	61,711	91,951	30,945	8,474	24,471	95.6
1975.....	23,000	955	21,965	61,006	82,971	34,342	9,677	24,665	109.0
1976.....	25,000	1,205	30,125	48,629	78,754	29,988	12,669	17,519	110.0
1977.....	25,000	1,230	30,750	48,766	79,516	28,910	9,408	19,502	114.9
1978.....	24,000	1,275	30,600	50,606	81,206	31,156	10,144	21,012	123.1
1979.....	19,500	1,130	22,035	50,500	72,085	33,556	9,987	23,569	139.7
1980.....	23,990	1,091	26,176	38,529	64,705	27,315	8,739	18,576	( <sup>5</sup> )
1981 <sup>4</sup> .....	34,230	1,294	44,285	37,410	81,695				

See footnotes at end of table.

Table 140.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1973-81 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total dark air-cured, types 35-37:</b>	<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>
1973.....	8,250	1,619	13,358	47,919	61,277	21,414	3,098	18,316	62.4
1974.....	7,680	1,623	12,465	39,863	52,328	17,203	3,106	14,097	77.2
1975.....	8,680	1,690	14,670	35,125	49,795	19,511	2,775	16,736	89.6
1976.....	9,930	1,595	15,836	30,284	46,120	18,294	2,381	15,913	116.1
1977.....	11,950	1,772	21,180	27,826	49,006	16,812	2,569	14,243	117.0
1978.....	11,980	1,923	23,034	32,194	55,228	18,901	2,894	16,007	98.7
1979.....	10,240	1,633	16,717	36,327	53,044	16,832	2,035	14,797	111.0
1980.....	9,690	1,716	16,624	36,192	52,816	14,752	2,440	12,312	126.5
1981 *.....	10,330	1,742	17,999	38,064	56,063				
<b>One Sucker type 35:</b>									
1973.....	5,300	1,633	8,654	28,030	36,684	13,567	2,643	10,924	61.2
1974.....	4,850	1,588	7,701	23,117	30,818	11,741	2,576	9,165	75.2
1975.....	5,550	1,732	9,611	19,077	28,688	13,144	2,457	10,687	90.5
1976.....	6,600	1,590	10,493	15,544	26,037	11,836	2,062	9,774	115.8
1977.....	7,900	1,844	14,571	14,201	28,772	12,467	1,999	10,468	117.7
1978.....	8,100	2,000	16,200	16,305	32,505	13,065	2,329	10,736	98.3
1979.....	7,100	1,661	11,792	19,440	31,232	11,460	1,816	9,644	114.1
1980.....	7,100	1,747	12,402	19,772	32,174	8,867	2,278	6,589	126.5
1981 *.....	7,500	1,761	13,210	23,307	36,517				
<b>Green River, type 36:</b>									
1973.....	2,250	1,680	3,780	16,685	20,465	6,693	220	6,473	63.5
1974.....	2,150	1,800	3,870	13,772	17,642	3,885	268	3,617	80.1
1975.....	2,400	1,825	4,380	13,757	18,137	5,469	140	5,329	88.3
1976.....	2,650	1,730	4,585	12,668	17,253	5,395	65	5,330	118.5
1977.....	3,250	1,760	5,785	11,858	17,643	3,588	443	3,145	117.8
1978.....	3,150	1,890	5,954	14,055	20,009	5,300	373	4,927	101.1
1979.....	2,600	1,675	4,355	14,709	19,064	4,648	20	4,628	105.3
1980.....	2,200	1,740	3,822	14,396	18,224	5,093	55	5,038	126.5
1981 *.....	2,300	1,800	4,140	13,131	17,271				
<b>Virginia sun-cured, type 37:</b>									
1973.....	700	1,320	924	3,204	4,128	1,154	235	919	69.2
1974.....	680	1,315	894	2,974	3,868	1,577	262	1,315	82.1
1975.....	750	1,150	679	2,291	2,970	898	188	710	85.5
1976.....	680	1,115	758	2,072	2,830	1,063	254	809	105.0
1977.....	800	1,030	824	1,767	2,591	757	127	630	100.0
1978.....	730	1,205	880	1,834	2,714	536	192	344	88.8
1979.....	540	1,055	570	2,178	2,748	724	199	525	90.8
1980.....	390	1,010	394	2,024	2,418	792	107	685	127.1
1981 *.....	530	1,225	649	1,626	2,275				
<b>Total continental cigar filler, types 41-44:</b>									
1973.....	15,200	1,659	25,224	60,550	85,774	32,407	759	31,648	51.9
1974.....	15,000	1,937	29,060	53,367	82,427	27,344	277	27,067	58.1
1975.....	14,100	1,646	23,202	55,083	78,285	25,801	385	25,416	58.3
1976.....	15,700	1,722	27,035	52,484	79,519	23,804	377	23,427	59.9
1977.....	15,300	1,950	29,835	55,715	85,543	24,469	276	24,193	60.2
1978.....	14,600	1,930	28,180	61,081	89,261	27,328	145	27,183	62.2
1979.....	12,500	1,572	19,646	61,933	81,579	28,684	266	28,418	89.0
1980.....	14,400	1,881	27,080	52,895	79,975				89.0
1981 *.....	15,300	1,811	27,710						
<b>Pennsylvania seedleaf filler, type 41:</b>									
1973.....	13,000	1,700	22,100	53,720	75,820	28,307	759	27,548	52.0
1974.....	13,000	2,000	26,000	47,513	73,513	24,302	277	24,025	58.0
1975.....	12,000	1,650	19,800	49,211	69,011	22,223	385	21,838	58.0
1976.....	13,500	1,750	23,625	46,788	70,413	20,672	377	20,295	60.0
1977.....	13,500	1,940	26,190	49,741	75,981	21,846	276	21,570	60.0
1978.....	13,000	1,940	25,220	54,085	79,305	23,633	145	23,488	62.0
1979.....	11,200	1,580	17,696	55,672	73,368	24,273	266	24,007	72.0
1980.....	13,000	1,900	24,700	49,095	73,795				87.0
1981 *.....	13,600	1,850	25,160						

See footnote at end of table.

Table 140.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1973-81 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
Miami Valley (Ohio) filler, types 42-44:	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
1973.....	2,200	1,420	3,124	6,830	9,954	4,100		4,100	51.0
1974.....	2,000	1,530	3,060	5,854	8,914	3,042		3,042	59.0
1975.....	2,100	1,620	3,402	5,872	9,274	3,578		3,578	60.0
1976.....	2,200	1,550	3,410	5,696	9,106	3,132		3,132	59.0
1977.....	1,800	2,025	3,645	5,974	9,612	2,623		2,623	62.0
1978.....	1,600	1,850	2,960	6,996	9,956	3,695		3,695	64.0
1979.....	1,300	1,500	1,950	6,261	8,211	4,411		4,411	87.0
1980.....	1,400	1,700	2,380	3,800	6,180	4,120		4,120	107.0
1981 <sup>4</sup> .....	1,700	1,500	2,550	2,060	4,610				
Puerto Rican filler type 46: <sup>4</sup>									
1973.....	4,500	1,444	6,500	9,192	15,692	5,646		5,646	41.2
1974.....	2,650	1,477	3,914	10,046	13,960	7,861		7,861	45.5
1975.....	3,225	1,343	4,330	6,099	10,429	3,207		3,207	50.7
1976.....	3,200	1,272	4,069	7,222	11,291	4,911		4,911	57.6
1977.....	2,300	1,705	3,922	6,380	10,302	3,870		3,870	60.2
1978.....	2,300	1,400	3,107	6,432	9,539	2,594		2,594	57.0
1979.....	2,000	1,000	2,019	6,945	8,964	886		886	69.1
1980.....	1,800	1,400	2,500	8,078	10,578				(7)
1981 <sup>4</sup> .....									
Total cigar binder, types 51-55:									
1973.....	11,760	1,841	21,647	46,478	68,125	25,282	101	25,181	62.2
1974.....	10,860	1,934	21,007	42,843	63,850	22,044	207	21,837	76.0
1975.....	12,520	1,851	23,175	41,806	64,981	21,460	274	21,186	76.9
1976.....	12,610	1,795	22,633	43,521	66,154	21,814	159	21,655	76.5
1977.....	13,380	2,007	26,847	44,340	71,187	21,169	144	21,025	88.4
1978.....	13,620	1,684	22,940	50,018	72,958	22,195	88	22,107	105.6
1979.....	14,370	1,911	27,457	50,763	78,220	23,651	168	23,483	120.9
1980.....	14,400	1,985	28,590	54,569	83,159	22,018	168	21,850	131.0
1981 <sup>4</sup> .....	15,140	1,926	29,164	61,822	90,986				
Connecticut Valley binder, types 51-52:									
1973.....	1,560	1,721	2,684	7,485	10,169	3,171	98	3,073	72.8
1974.....	1,460	1,737	2,536	6,998	9,534	3,368	205	3,155	82.0
1975.....	1,520	1,562	2,374	6,166	8,540	4,281	176	4,105	92.7
1976.....	1,510	1,605	2,424	4,259	6,683	2,339	149	2,190	89.6
1977.....	1,380	1,784	2,462	4,344	6,806	1,886	36	1,850	121.3
1978.....	1,520	1,734	2,635	4,920	7,555	2,071	79	1,992	144.9
1979.....	1,470	1,637	2,407	5,484	7,891	2,227	167	2,060	161.5
1980.....	1,500	1,750	2,625	5,664	8,298	2,206	167	2,039	180.0
1981 <sup>4</sup> .....	1,740	1,778	3,093	6,092	9,185				
Wisconsin binder, types 54-55:									
1973.....	10,200	1,859	18,963	38,993	57,956	22,111	3	22,108	60.6
1974.....	9,400	1,965	18,471	35,845	54,316	18,676	1	18,675	75.1
1975.....	11,000	1,891	20,801	35,640	56,441	17,179	98	17,081	75.1
1976.....	11,100	1,821	20,209	39,262	59,471	19,475	10	19,465	75.0
1977.....	12,000	2,032	24,385	39,996	64,381	19,283	108	19,175	85.0
1978.....	12,100	1,678	20,305	45,098	65,403	20,124	9	20,115	100.5
1979.....	12,900	1,942	25,050	45,279	70,923	22,018	1	22,017	117.0
1980.....	12,900	2,013	25,965	48,905	74,870	19,140	1	19,139	125.0
1981 <sup>4</sup> .....	13,400	1,946	26,071	55,730	81,801				
Southern Wisconsin, type 54:									
1973.....	4,900	1,950	9,555	19,447	29,002	10,078		10,078	60.5
1974.....	4,700	2,060	9,622	18,924	28,606	8,795		8,795	74.9
1975.....	5,600	1,945	10,892	19,811	30,703	7,454		7,454	75.1
1976.....	5,600	1,890	10,584	23,249	33,833	10,066		10,066	74.7
1977.....	6,200	2,020	12,524	23,767	36,281	10,244		10,244	84.6
1978.....	6,200	1,800	11,160	26,047	37,207	11,361		11,361	100.5
1979.....	6,300	2,080	13,104	25,846	38,950				117.0
1980.....	6,300	2,110	13,293						125.0
1981 <sup>4</sup> .....	6,300	2,025	12,758						

See footnotes at end of table.



Table 140.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1973-81 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Av. price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
Northern Wisconsin type 55:	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
1973.....	5,300	1,775	9,408	19,546	28,954	12,033	3	12,030	60.7
1974.....	4,700	1,870	8,789	16,921	25,710	9,881	1	9,880	75.4
1975.....	5,400	1,835	9,909	15,829	25,738	9,725	98	9,627	75.1
1976.....	5,500	1,750	9,625	16,013	25,638	9,409	10	9,399	75.2
1977.....	5,800	2,045	11,861	16,229	28,090	9,039	108	8,931	85.5
1978.....	5,900	1,550	9,145	19,051	28,196	8,763	9	8,754	100.5
1979.....	6,600	1,810	11,946	19,433	31,379				117.0
1980.....	6,600	1,920	12,672						125.0
1981 <sup>4</sup> .....	7,100	1,875	15,313						
Total cigar wrapper, types 61-62:									
1973.....	7,630	1,280	9,799	17,727	27,493	12,456	2,383	10,073	452.2
1974.....	6,650	1,652	10,988	15,037	26,025	10,383	4,354	6,029	536.1
1975.....	5,470	1,409	7,706	15,642	23,348	9,796	4,227	5,569	585.7
1976.....	4,600	1,565	7,198	13,552	20,750	7,602	3,759	3,843	528.2
1977.....	3,420	1,547	5,292	13,148	18,440	5,736	4,753	983	591.4
1978.....	2,710	1,392	3,773	12,704	16,477	6,237	5,294	943	750.0
1979.....	2,720	1,472	4,003	10,240	14,243	6,456	5,389	1,067	850.0
1980.....	2,990	1,513	4,524	7,787	12,311	6,139	3,900	2,239	980.0
1981 <sup>4</sup> .....	2,600	1,500	3,900	6,172	10,072				
Connecticut Valley shadegrown, type 61:									
1973.....	5,000	1,210	6,050	10,745	16,795	8,292	1,853	6,439	515.0
1974.....	4,800	1,625	7,798	8,503	16,301	6,831	3,904	2,927	600.0
1975.....	4,350	1,371	5,963	9,470	15,433	7,889	3,783	4,106	640.0
1976.....	4,250	1,555	6,610	7,544	14,154	5,236	3,336	1,900	540.0
1977.....	3,280	1,544	5,064	8,918	13,982	4,707	4,213	494	600.0
1978.....	2,710	1,392	3,773	9,275	13,048	4,927	4,884	43	750.0
1979.....	2,720	1,472	4,003	8,121	12,124	5,380	4,915	465	850.0
1980.....	2,990	1,513	4,524	6,744	11,268	6,342	3,600	2,742	980.0
1981 <sup>4</sup> .....	2,600	1,500	3,900	4,926	8,826				
Georgia-Florida shadegrown type 62:									
1973.....	2,630	1,413	3,716	6,982	10,698	4,164	530	3,634	350.0
1974.....	1,850	1,724	3,190	6,534	9,724	3,552	450	3,102	380.0
1975.....	1,120	1,556	1,743	6,172	7,915	1,907	444	1,463	400.0
1976.....	350	1,680	588	6,008	6,596	2,366	423	1,943	395.0
1977.....	140	1,630	228	4,230	4,458	1,029	540	489	400.0
1978.....	0	0	0	3,429	3,429	1,310	410	900	
1979.....				2,119	2,119	1,076	474	602	
1980.....				1,043	1,043				
1981 <sup>4</sup> .....				839	839				
Total tobacco, types 11-72: <sup>5</sup>									
1973.....	893,367	1,958	1,752,132	3,278,565	5,030,697	<sup>3</sup> 2,089,788	732,351	1,357,437	90.1
1974.....	965,270	2,065	1,993,642	2,953,539	4,947,181	<sup>3</sup> 1,939,082	653,388	1,285,496	108.4
1975.....	1,089,875	2,006	2,186,634	3,009,670	5,196,304	<sup>3</sup> 1,945,038	654,245	1,290,793	102.5
1976.....	1,050,120	2,039	2,140,743	3,304,557	5,445,300	<sup>3</sup> 1,912,746	677,816	1,234,930	112.4
1977.....	968,100	1,981	1,918,051	3,525,843	5,443,894	<sup>3</sup> 1,900,214	693,236	1,206,978	118.5
1978.....	965,930	2,099	2,027,927	3,543,603	5,571,530	<sup>3</sup> 1,957,837	764,755	1,193,082	132.2
1979.....	829,200	1,843	1,528,568	3,579,264	5,107,832	<sup>3</sup> 1,868,044	689,269	1,179,775	141.0
1980.....	920,440	1,941	1,786,136	3,258,448	5,044,584	1,738,181	630,606	1,103,457	152.0
1981 <sup>4</sup> .....	965,970	2,120	2,048,166	3,229,667	5,277,833				

<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>Exports by rehanding trade included in totals of types from which they are made.

<sup>3</sup>Disappearance adjusted for tobacco still on farms at end of marketing year.

<sup>4</sup>Preliminary.

<sup>5</sup>Evaluated at 169.8 cents per pound.

<sup>6</sup>Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

<sup>7</sup>Evaluated at 69.1 cents per pound.

<sup>8</sup>Includes Perique.

Economic Research Service. Basic export data from the official reports of the Department of Commerce.

**Table 141.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States 1978-82 (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
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Flue-cured, types 11-14:</b>					<b>Miami Valley (Ohio) filler, types 42-44:</b>				
1978	2,578,694	2,276,212	2,051,906	2,529,503	1978	5,415	8,166	7,786	6,996
1979	2,599,609	2,305,855	2,074,828	2,629,850	1979	6,586	8,318	6,981	6,261
1980	2,456,544	2,199,177	1,965,386	2,430,260	1980	5,460	5,400	4,286	3,800
1981	2,519,505	2,231,075	2,012,510	2,569,530	1981	3,322	3,010	2,506	2,060
1982	2,587,880				1982	1,551			
<b>Virginia fire-cured, type 21:</b>					<b>Puerto Rican filler, type 46:</b>				
1978	8,746	12,644	10,529	8,669	1978	4,556	4,695	5,675	6,432
1979	9,728	12,713	12,138	10,897	1979	3,721	5,984	6,698	6,945
1980	11,335	12,036	12,092	9,263	1980	6,820	6,935	8,298	8,078
1981	8,632	10,293	9,777	8,278	1981	7,889	7,519	8,721	7,968
1982	10,660				1982	7,965			
<b>Kentucky and Tennessee fire-cured, types 22-23:</b>					<b>Connecticut Valley types 51-52:</b>				
1978	33,027	64,165	64,184	51,009	1978	5,052	5,286	5,454	4,920
1979	37,729	71,893	73,426	65,109	1979	5,305	5,473	6,028	5,489
1980	57,439	84,945	75,672	68,015	1980	5,755	6,179	6,400	5,664
1981	66,949	81,595	71,542	63,070	1981	5,903	6,011	6,416	6,092
1982	56,173				1982	6,540			
<b>Burley, type 31:</b>					<b>Wisconsin, types 54-55:</b>				
1978	1,494,960	1,491,317	1,353,189	1,218,439	1978	38,975	53,756	50,351	45,098
1979	1,489,696	1,518,555	1,332,516	1,211,735	1979	43,830	55,758	51,135	45,283
1980	1,373,659	1,313,200	1,162,170	1,025,812	1980	46,953	58,665	53,222	48,905
1981	1,298,543	1,297,073	1,141,075	1,000,221	1981	45,971	64,905	61,394	55,730
1982	1,366,392				1982	51,958			
<b>Maryland, type 32:</b>					<b>Connecticut Valley shade-grown, type 61:</b>				
1978	45,325	40,756	63,353	50,606	1978	8,455	9,915	9,275	7,747
1979	41,877	37,568	55,913	50,050	1979	8,535	8,873	8,121	7,345
1980	41,339	36,624	47,568	38,529	1980	8,167	6,819	6,744	5,721
1981	32,597	27,705	41,769	37,410	1981	6,376	5,236	5,333	4,926
1982	36,957				1982	5,500			
<b>One Sucker, type 35:</b>					<b>Georgia and Florida shade-grown, type 62:</b>				
1978	16,557	19,966	18,391	16,305	1978	3,962	3,655	3,429	3,114
1979	16,777	24,249	22,183	19,440	1979	2,566	2,178	2,119	1,798
1980	19,799	24,134	21,828	19,772	1980	1,544	1,145	1,043	1,069
1981	20,943	27,816	25,711	23,307	1981	1,078			
1982	25,039				1982				
<b>Green River, type 36:</b>					<b>Perique, type 72:</b>				
1978	12,776	19,876	18,297	14,055	1978	545	593	558	555
1979	14,171	16,353	16,042	14,709	1979	511	648	468	442
1980	15,872	18,265	15,047	14,396	1980	420	394	414	272
1981	17,275	16,363	15,135	13,131	1981	294	610	839	839
1982	13,729				1982	817			
<b>Virginia sun-cured, type 37:</b>					<b>Other miscellaneous domestic, type 73:</b>				
1978	1,944	2,047	1,947	1,834	1978	5,063	4,709	4,273	5,890
1979	2,319	2,423	2,278	2,128	1979	6,073	4,139	4,301	4,064
1980	2,295	2,385	2,185	2,024	1980	5,831	6,289	5,898	6,016
1981	2,351	2,105	1,873	1,676	1981	5,495	5,007	4,905	4,654
1982	1,852				1982	4,134			
<b>Pennsylvania seedleaf, type 41:</b>									
1978	45,648	64,991	57,037	54,085					
1979	53,158	68,827	62,616	55,672					
1980	49,079	59,541	54,423	49,095					
1981	44,337	52,090	56,458	62,389					
1982	48,424								

See footnotes at end of table.

**Table 141.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1978-82 (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 types 91-98:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1978.....	100,315	101,019	97,197	91,548	1978	598,403	603,675	627,713	610,591
1979.....	92,598	100,312	96,847	95,005	1979	636,196	654,745	684,015	696,174
1980.....	91,024	91,065	95,360	93,075	1980	683,465	682,511	745,501	718,538
1981.....	87,100	91,161	89,277	93,968	1981	675,599	663,959	729,429	752,239
1982.....	94,269				1982	760,302			

<sup>1</sup> Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by grower—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.

Agricultural Marketing Service.

**Table 142.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1965-81**

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	Loose-leaf			
	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
1965.....	7,899	441	( <sup>3</sup> )	556,806	24,651	2,850	3,710	33,918	71,781	29,710	166,621
1966.....	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> )	576,188	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.....	6,987	743	1.0	557,647	23,349	2,466	4,480	39,494	63,865	27,585	161,239
1970.....	7,095	933	1.1	583,250	21,987	2,439	4,824	39,539	69,370	26,522	164,681
1971.....	6,722	1,135	.5	576,425	20,588	2,359	5,149	43,314	60,519	26,425	158,354
1972.....	6,033	4,022	.7	599,070	19,569	2,240	5,233	45,583	55,845	25,490	153,960
1973.....	5,664	4,415	1.1	644,245	18,575	2,138	5,702	47,596	53,007	25,297	152,315
1974.....	5,284	3,099	1.9	635,017	18,009	2,188	6,174	52,878	48,985	24,995	153,229
1975.....	4,524	2,942	2.0	651,211	18,145	2,285	7,327	53,742	46,194	24,381	152,074
1976.....	4,178	2,246	1.4	693,389	16,674	2,312	8,358	56,302	44,584	24,848	153,078
1977.....	3,922	1,828	1.3	665,864	16,437	2,180	10,119	61,251	40,711	24,613	155,311
1978.....	3,795	1,645	1.0	695,991	15,895	2,101	11,969	64,591	36,406	25,086	156,048
1979.....	3,601	1,539	1.5	704,243	15,291	2,001	13,318	71,659	32,789	23,700	158,758
1980 <sup>4</sup> .....	3,430	1,408	.6	714,254	17,345	1,878	14,747	72,071	32,184	24,296	162,521
1981 <sup>4</sup> .....	2,652	1,117	.6	524,730	17,426	1,820	15,150	71,935	30,344	26,040	162,715

<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> Preliminary.

Agricultural Marketing Service.

**Table 143.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1965-81<sup>1</sup>**

Year	Cigarettes			Large 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	Million pounds	Number	Billions	Million pounds <sup>4</sup>	Number	Million pounds	Pounds	Million pounds	Pounds
1965.....	529	1,163	4,258	8.6	157	70	110	0.88	1,429	11.51
1966.....	541	1,147	4,287	8.3	147	66	108	.86	1,404	11.12
1967.....	549	1,136	4,280	8.1	141	63	107	.83	1,385	10.79
1968.....	546	1,133	4,186	7.9	135	61	108	.83	1,380	10.59
1969.....	529	1,082	3,992	8.0	134	60	110	.83	1,330	10.04
1970.....	536	1,050	3,985	8.1	135	60	113	.83	1,301	9.68
1971.....	550	1,066	4,037	7.9	128	57	112	.82	1,310	9.52
1972.....	567	1,111	4,043	7.3	117	52	110	.79	1,350	9.65
1973.....	590	1,126	4,148	7.0	109	49	106	.75	1,362	9.53
1974.....	599	1,142	4,141	6.4	102	44	109	.75	1,361	9.41
1975.....	607	1,138	4,123	5.8	93	39	106	.72	1,346	9.14
1976.....	614	1,102	4,092	5.4	86	36	109	.73	1,291	8.61
1977.....	617	1,101	4,051	5.0	82	33	107	.70	1,296	8.49
1978.....	616	1,086	3,967	4.7	78	30	107	.69	1,258	8.10
1979.....	622	1,126	3,850	4.3	71	27	109	.69	1,311	8.18
1980.....	632	1,129	3,845	4.0	66	24	111	.69	1,311	7.92
1981 <sup>5</sup> .....	640	1,152	3,840	3.9	64	23	112	.67	1,334	8.00

<sup>1</sup>Includes consumption by overseas forces.<sup>2</sup>Weighing over 3 pounds per 1,000.<sup>3</sup>Unstemmed-processing weight equivalent.<sup>4</sup>Includes weight of small cigars.<sup>5</sup>Preliminary.

Economic Research Service. No adjustment made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals.

**Table 144.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1965-81**

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
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	8,257	7,827	169	66
1969.....	557.6	510.5	47.1	25.0	8,023	7,868	169	65
1970.....	583.2	518.2	51.2	29.2	8,379	8,009	152	54
1971.....	576.4	540.4	49.2	31.8	7,928	7,776	131	46
1972.....	599.1	554.4	49.0	34.6	7,464	7,225	139	75
1973.....	644.2	577.3	55.9	41.5	6,959	6,972	143	103
1974.....	635.0	588.6	59.2	46.9	6,462	6,356	136	86
1975.....	651.2	596.4	62.3	49.9	5,743	5,804	125	92
1976.....	693.4	604.7	72.1	61.4	5,403	5,373	144	124
1977.....	665.9	606.8	78.1	66.8	5,031	4,988	134	117
1978.....	695.9	605.4	85.1	74.4	4,781	4,702	164	166
1979.....	704.4	607.8	93.2	79.7	4,443	4,304	179	177
1980.....	714.1	631.5	94.2	82.0	4,044	4,001	201	200
1981 <sup>5</sup> .....	736.5	640.0	92.0	82.6	3,962	3,893	160	181

<sup>1</sup>As indicated by taxable removals and imports, and estimated inventory changes.<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.

Table 145.—Tobacco: Price-support operations, United States, 1965-81<sup>1</sup>

Year	Flue-cured, types 11-14			Burley, type 31		
	Support price per pound	Put under support <sup>2</sup>		Support price per pound	Put under support <sup>2</sup>	
		Quantity	Percentage of production		Quantity	Percentage of production
	Cents	Million pounds	Percent	Cents	Million pounds	Percent
1965.....	57.7	71	6.8	59.5	42	7.2
1966.....	58.8	75	6.7	60.6	63	10.6
1967.....	59.9	282	22.6	61.8	64	11.9
1968.....	61.6	128	12.9	63.5	56	10.0
1969.....	63.8	97	9.2	65.8	158	26.7
1970.....	66.6	144	12.2	68.6	47	8.5
1971.....	69.4	56	5.2	71.5	( <sup>3</sup> )	
1972.....	72.7	24	2.4	74.9	23	3.9
1973.....	76.6	31	2.7	78.9	1	1
1974.....	83.3	25	2.0	85.8	3	.5
1975.....	93.2	259	18.2	96.1	51	7.5
1976.....	106.0	277	21.1	109.3	46	7.1
1977.....	113.8	196	17.4	117.3	56	9.2
1978.....	121.0	64	5.3	124.7	67	10.9
1979.....	129.3	70	7.1	133.3	7	1.4
1980.....	141.5	138	12.7	145.9	( <sup>3</sup> )	
1981.....	158.7	107	9.4	163.6	*1	*1

<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>Less than 500,000 pounds.

\*Preliminary.

Agricultural Stabilization and Conservation Service.

Table 146.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1979-81

Classification and country of origin	1979	1980	1981 <sup>1</sup>	Classification and country of origin	1979	1980	1981 <sup>1</sup>
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Cigarette leaf:				Cigar wrapper:			
Brazil.....	878	3,292	5,270	Honduras.....	189	209	258
Greece.....	12,242	11,361	14,204	Nicaragua.....	275	256	162
Yugoslavia.....	6,349	5,936	6,192	Cameroon.....	151	160	116
Lebanon.....	2,169	2,970	3,907	Other countries.....	54	145	129
Italy.....	5,524	6,511	8,522	Total.....	669	770	665
Turkey.....	40,518	48,174	45,591	Scrap:			
Korea, Rep. of.....	0	460	870	Dominican Republic.....	2,617	3,073	3,054
Other countries.....	19,121	18,552	19,441	Brazil.....	15,063	10,978	2,769
Total.....	86,801	97,256	103,993	Korea, Rep. of.....	8,974	4,244	49
Cigar filler:				Turkey.....	4,905	3,652	3,125
Unstemmed:				Philippines.....	5,921	5,993	4,711
Dominican Republic.....	60	84	256	Other countries.....	33,708	26,057	13,617
Nicaragua.....	149	149	190	Total.....	71,188	53,997	27,325
Philippines.....	176	0	18	Stems:			
Indonesia.....	0	1	2	Dominican Republic.....	540	403	485
Other countries.....	971	954	1,502	Brazil.....	2,250	3,947	4,679
Stemmed:				Argentina.....	456	327	897
Honduras.....	192	176	158	Other countries.....	5,818	6,962	11,281
Mexico.....	316	135	161	Total.....	9,064	11,639	17,342
Dominican Republic.....	486	475	391	Grand total <sup>2</sup> .....	171,099	165,846	152,374
Other countries.....	158	188	217				
Total.....	2,507	2,162	2,002				

<sup>1</sup>Preliminary.

<sup>2</sup>Total includes mixed filler and wrapper which is not shown separately.

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

Table 147.—Tobacco, Unmanufactured: International Trade, 1978-80

Continent and country	1978		1979		1980 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>						
Canada.....	32,647	6,065	38,684	2,940	19,491	7,565
Costa Rica.....	75	70	75	50	210	121
Cuba.....	17,500		15,000		2,000	
Dominican Republic.....	36,900	1,570	42,600	1,600	22,500	1,000
El Salvador.....	100	665		600	100	500
Guatemala.....	4,832	799	5,000	800	5,846	941
Haiti.....		544		635		816
Honduras.....	4,522	680	4,489	319	4,566	281
Jamaica.....	101	1,253	392	1,364	181	592
Mexico.....	26,054	42	29,000		27,000	
Nicaragua.....	1,106	93	1,400		1,400	
Panama.....	372	171	385	100	261	627
Trinidad-Tobago.....	150	950	14	843	100	1,000
United States (incl. Puerto Rico).....	320,861	166,499	259,380	184,908	273,477	183,629
<b>Total.....</b>	<b>445,220</b>	<b>179,401</b>	<b>396,419</b>	<b>194,159</b>	<b>357,132</b>	<b>197,072</b>
<b>South America:</b>						
Argentina.....	23,243	72	21,635	266	17,402	1,094
Brazil.....	109,420	500	140,188	100	128,396	
Bolivia.....		1,000		1,000		1,000
Chile.....		1,210		1,357		2,281
Colombia.....	19,573	213	12,478	286	15,000	150
Ecuador.....	174	3,000	373	2,197	215	1,900
Guyana.....		300		310		310
Paraguay.....	14,767		12,483		14,858	
Peru.....	425	465	450	572	200	900
Surinam.....		230		200		200
Uruguay.....		3,500		3,500		3,500
Venezuela.....		300		300		300
<b>Total.....</b>	<b>167,602</b>	<b>10,791</b>	<b>187,607</b>	<b>10,088</b>	<b>176,071</b>	<b>11,635</b>
<b>Europe:</b>						
Belgium-Luxembourg.....	3,031	35,998	3,096	37,074	3,072	39,084
Denmark.....	1,981	19,917	1,487	17,100	1,309	15,424
France.....	3,595	248,615	3,327	249,593	4,017	333,899
Germany, Fed. Rep. of.....	333,650	193,337	330,211	183,407	39,943	156,785
Ireland.....	134	7,181	506	7,782	77	7,395
Italy.....	43,915	20,270	57,616	31,322	46,449	30,113
Netherlands.....		66,300	2,800	65,800		65,000
United Kingdom.....	44,815	232,980	50,315	183,649	5,000	124,000
<b>Total EC.....</b>	<b>131,121</b>	<b>623,598</b>	<b>149,358</b>	<b>575,727</b>	<b>69,867</b>	<b>471,700</b>
Austria.....	548	13,290	853	13,627	850	14,000
Canary Islands.....						
Finland.....		8,707		8,818		128
Greece.....	70,466	1,356	55,279	2,084	69,633	2,772
Malta-Gaza.....	30	425	30	400	30	400
Norway.....		5,351		5,319		6,373
Portugal (incl. Azores).....		9,562	254	9,311		10,402
Spain.....	419	60,284	2,687	73,436	7,487	77,088
Sweden.....	89	12,997	170	10,575	41	12,567
Switzerland.....	5,944	27,416	5,674	28,661	8,470	25,307
<b>Total Western Europe.....</b>	<b>208,617</b>	<b>762,986</b>	<b>214,305</b>	<b>727,958</b>	<b>156,506</b>	<b>629,666</b>
Albania.....	5,500		5,000		4,000	
Bulgaria.....	61,540	3,500	71,941	3,500	60,000	3,500
Czechoslovakia.....	1,000	29,000	1,000	16,000	1,000	18,000
Germany, Dem. Rep. of.....	2,097	19,100	1,998	19,900	1,900	20,000
Hungary.....	1,000	6,000	1,000	9,000	1,000	14,000
Poland.....	8,837	7,856	8,776	13,558	8,894	23,090
Romania.....	9,000	7,000	10,000	5,000	9,000	6,000
Yugoslavia.....	27,413	2,936	25,734	4,367	23,500	4,000
<b>Total Eastern Europe.....</b>	<b>116,387</b>	<b>75,392</b>	<b>125,449</b>	<b>71,325</b>	<b>109,294</b>	<b>88,590</b>
<b>Total Europe.....</b>	<b>325,004</b>	<b>838,378</b>	<b>339,754</b>	<b>799,283</b>	<b>265,800</b>	<b>718,256</b>
<b>Soviet Union.....</b>	<b>1,000</b>	<b>64,759</b>	<b>1,000</b>	<b>66,500</b>	<b>1,000</b>	<b>70,000</b>
<b>Africa:</b>						
Algeria.....		10,000		8,000		6,500
Angola.....		150		150		150
Burundi-Rwanda.....						

See footnotes at end of table.

Table 147.—Tobacco, unmanufactured: International trade, 1978-80—Continued

Continent and country	1978		1979		1980 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Africa—Continued</b>						
Cameroon.....	2,350	1,400	2,073	1,200	2,000	1,200
Congo, Republic of.....	100	1,000		1,000		1,000
Egypt.....		29,453		30,260		37,940
Ghana.....		750	2	1,200		917
Ivory Coast.....	100	3,200		2,425		2,500
Kenya.....		1,000		1,000		1,000
Liberia.....		394		350		300
Libya.....		1,600		2,000		2,200
Madagascar.....	500	250	500	250	500	250
Malawi.....	41,571	500	57,156		63,772	
Mauritius.....		120		120		120
Morocco.....		8,956		14,388		9,199
Mozambique.....	200	600	100	600	100	600
Nigeria.....		1,500		2,000		461
Senegal.....		2,500		2,500		800
Sierra Leone.....		1,334		812		600
South Africa.....	9,984	4,390	5,790	4,140	4,100	5,500
Tanzania.....	11,000	25	13,800	25	13,270	
Tunisia.....	1,588	3,116	1,200	4,003	1,548	3,753
Uganda.....	500	50		50		50
Zaire.....		2,257		762		800
Zambia.....	2,500		3,105		4,000	
Zimbabwe.....	75,939		60,623		107,809	
<b>Total.....</b>	<b>146,332</b>	<b>74,545</b>	<b>144,349</b>	<b>77,235</b>	<b>197,099</b>	<b>75,840</b>
<b>Asia:</b>						
Bangladesh.....		500		204		204
Burma.....						
China.....	15,000		10,000		5,000	50,000
Taiwan.....	3,685	16,832	3,700	18,974	4,000	13,865
Cyprus.....	289	2,310	140	2,746	91	3,378
Hong Kong.....	3,196	6,015	4,238	8,704	4,200	9,363
India.....	69,392	200	66,039		73,000	
Indonesia.....	25,600	11,903	23,500	13,098	28,339	19,369
Iran <sup>6</sup> .....				1,000		1,000
Iraq.....		3,500		3,700		4,000
Israel.....		4,523		4,688		5,681
Japan <sup>6</sup> .....	23	81,374	6	67,796	5	71,419
Jordan.....		2,213		2,550		2,215
Kampuchea.....		2,200		2,200		2,200
Korea, Dem. Peo. Rep. of.....	5,000		7,000		7,000	
Korea, Rep. of.....	49,584	10,145	33,774	12,924	33,648	14,410
Kuwait.....	120	350	130	375	130	400
Laos.....		1,500		1,500		1,500
Lebanon.....	3,284	180	3,993	710	4,000	800
Malaysia.....	3	6,459	1	4,183	69	4,181
Pakistan.....	9,074	218	5,445	145	2,722	239
Philippines.....	23,914	10,208	26,955	10,965	20,369	13,936
Singapore.....	79	7,304	102	8,813	100	9,000
Sri Lanka.....	725		876		230	
Syria.....	1,861		2,136		2,454	
Thailand.....	34,814	8,644	33,797	9,252	39,562	10,618
Turkey.....	77,335		69,554		83,727	
Vietnam.....		4,000		4,000		4,000
Yemen (Aden).....	1,000	3,400	1,000	3,500	800	3,500
<b>Total.....</b>	<b>323,978</b>	<b>184,478</b>	<b>292,386</b>	<b>182,027</b>	<b>309,446</b>	<b>245,278</b>
<b>Oceania:</b>						
Australia <sup>7</sup> .....	270	11,480	173	10,072	533	11,831
New Zealand <sup>7</sup> .....		4,371		2,765		3,483
<b>Total.....</b>	<b>270</b>	<b>15,851</b>	<b>173</b>	<b>12,837</b>	<b>533</b>	<b>15,314</b>
<b>World total.....</b>	<b>1,409,406</b>	<b>1,368,203</b>	<b>1,361,688</b>	<b>1,342,129</b>	<b>1,307,081</b>	<b>1,333,395</b>

<sup>1</sup>Preliminary. <sup>2</sup>Seita purchases. <sup>3</sup>Actual shipments. <sup>4</sup>Actual arrivals. <sup>5</sup>Purchases by manufacturers.

<sup>6</sup>April—March year. <sup>7</sup>June 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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 148.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1979-81

Type and country of destination	1979	1980	1981 <sup>1</sup>	Type and country of destination	1979	1980	1981 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Total unmanufactured:</b>				<b>Thailand</b> .....	6,416	6,813	6,709
Canada.....	2,061	7,670	1,372	Australia.....	4,313	4,256	4,248
Panama.....	267	310	396	Italy.....	1,239	1,272	1,122
Jamaica.....	577	407	376	New Zealand.....	16,734	22,856	18,555
Dominican Republic.....	2,201	1,995	1,920	Other countries.....			
Chile.....	1,182	1,741	2,674	<b>Total</b> .....	168,123	177,381	175,191
Ecuador.....	2,371	931	1,047	<b>Burley:</b>			
Belgium and Luxembourg.....	2,472	3,583	4,309	Chile.....	426	422	744
France.....	5,228	2,040	2,786	Belgium and Luxembourg.....	283	377	346
Germany, Fed. Rep. of.....	30,709	45,666	37,719	France.....	104	139	385
Italy.....	15,769	13,906	12,015	Germany, Fed. Rep. of.....	5,086	10,923	7,985
Netherlands.....	13,277	20,376	12,976	Italy.....	7,458	4,709	5,218
Austria.....	1,654	1,425	1,472	Netherlands.....	2,859	4,171	235
Denmark.....	7,430	7,920	5,043	Austria.....	68	110	40
Finland.....	3,177	4,303	4,979	Denmark.....	487	1,937	394
Ireland.....	3,109	1,651	1,776	Finland.....	499	620	811
Norway.....	2,564	3,076	1,893	Norway.....	173	125	96
Portugal.....	0	96	24	Portugal.....	0	0	0
Spain.....	459	13,007	15,145	Sweden.....	861	1,110	823
Sweden.....	6,216	6,998	4,485	Switzerland.....	2,463	1,051	3,149
Switzerland.....	8,756	9,116	18,081	Syria.....	0	0	0
United Kingdom.....	30,914	14,728	17,884	Hong Kong.....	444	383	137
Libya.....	1,918	663	247	Japan.....	6,729	4,370	6,166
Egypt.....	1,727	7,895	7,300	Philippines.....	2,634	1,489	1,675
Canary Islands.....	2,003	5,906	5,702	Thailand.....	2,108	3,443	1,646
Cameroon.....	836	470	822	Other countries.....	4,541	5,808	3,786
Ghana.....	439	350	247	<b>Total</b> .....	37,223	41,187	33,636
Nigeria.....	537	421	417	<b>Dark-fired Kentucky-Tennessee:</b>			
Zaire.....	1,047	37	159	Belgium and Luxembourg.....	175	341	217
Israel.....	405	433	487	France.....	1,767	452	903
Taiwan.....	18,814	6,403	10,100	Germany, Fed. Rep. of.....	173	196	125
Hong Kong.....	2,084	2,423	1,932	Italy.....	285	76	41
Korea, Rep. of.....	5,939	6,155	4,862	Netherlands.....	2,254	4,317	4,527
Japan.....	43,513	37,258	53,063	Denmark.....	119	81	32
Malaysia.....	3,823	3,819	3,118	Ireland.....	3	3	2
Philippines.....	5,195	5,227	5,084	Norway.....	20	95	184
Singapore.....	1,054	799	895	Canary Islands.....	3	0	1
Thailand.....	8,528	10,257	8,355	Sweden.....	294	207	105
Syria.....	0	0	0	Switzerland.....	152	105	204
Australia.....	5,605	6,062	5,707	United Kingdom.....	1	2	0
New Zealand.....	1,797	1,689	1,585	Morocco.....	0	0	0
Other countries.....	11,728	14,349	6,689	Tunisia.....	100	0	0
<b>Total</b> .....	257,385	271,561	265,143	Cameroon.....	153	190	222
<b>Flue-cured:</b>				Zaire.....	250	10	0
Panama.....	213	225	307	Other countries.....	458	530	822
Jamaica.....	497	253	287	<b>Total</b> .....	6,207	6,605	7,385
Chile.....	741	2,027	1,502	<b>Black Fat:</b>			
Ecuador.....	1,198	840	703	Cameroon.....	175	14	0
Belgium and Luxembourg.....	1,613	2,034	2,771	Benin.....	818	478	755
France.....	1,865	856	762	Nigeria.....	102	30	166
Germany, Fed. Rep. of.....	19,234	28,616	23,213	Togo.....	206	111	0
Italy.....	7,656	8,939	6,656	Other countries.....	165	556	228
Netherlands.....	6,664	11,042	7,397	<b>Total</b> .....	1,466	1,189	1,149
Austria.....	1,446	1,213	1,259	<b>Dark-fired Virginia and sun-cured:</b>			
Denmark.....	3,529	3,826	3,748	Germany, Fed. Rep. of.....	138	189	39
Finland.....	1,886	3,022	3,366	Egypt.....	0	0	25
Ireland.....	2,455	1,188	1,151	Austria.....	73	86	39
Norway.....	1,512	1,988	1,307	Yugoslavia.....	0	0	60
Portugal.....	0	44	15	Norway.....	813	669	286
Spain.....	306	10,513	12,740	Sweden.....	36	185	102
Sweden.....	3,425	3,425	1,874	Switzerland.....	216	49	29
Switzerland.....	2,125	4,111	4,148	United Kingdom.....	25	20	38
United Kingdom.....	23,389	11,294	13,742	Czechoslovakia.....	0	0	0
Libya.....	1,629	473	198	Other countries.....	126	130	76
Egypt.....	1,018	5,545	5,592	<b>Total</b> .....	1,427	1,328	694
Syria.....	0	0	0				
Taiwan.....	18,736	6,385	10,100				
Hong Kong.....	1,554	1,768	1,486				
Indonesia.....	167	1,029	911				
Japan.....	30,064	23,894	33,430				
Malaysia.....	3,541	3,644	2,945				
Pakistan.....	145	293	334				
Philippines.....	2,185	3,294	2,065				
Singapore.....	628	403	548				

See footnotes at end of table.



Table 148.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1979-81—Continued

Type and country of destination	1979	1980	1981 <sup>1</sup>	Type and country of destination	1979	1980	1981 <sup>1</sup>
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
Maryland:				Cigar filler:			
Belgium and Luxembourg	259	274	374	France	53	23	70
Germany, Fed. Rep. of	486	552	648	Germany, Fed. Rep. of	0	0	0
Netherlands	156	107	170	Other countries	18	85	151
Norway	17	11	13	Total	71	108	221
Egypt	0	110	60	Perique:			
Spain	0	0	0	Canada	0	0	0
Switzerland	1,302	2,056	1,836	Germany, Fed. Rep. of	9	2	2
Other countries	520	100	207	France	0	0	0
Total	2,740	3,210	3,308	United Kingdom	6	0	7
One sucker:				Australia	8	22	10
Belgium and Luxembourg	0	47	49	Other countries	8	28	18
Zaire	0	0	0	Total	31	52	37
Other countries	3	5	8	Trimmings, stems, and scrap:			
Total	3	52	57	Canada	1,523	3,317	879
Green River:				Italy	73	183	100
Belgium and Luxembourg	0	0	0	Jamaica	1	0	0
United Kingdom	19	6	19	Guyana	0	0	0
Zaire	0	0	0	Peru	1	0	0
Other countries	69	0	2	Surinam	55	33	32
Total	88	6	21	Belgium and Luxembourg	111	327	396
Cigar wrapper:				France	1,302	349	538
Canada	23	7	18	Germany, Fed. Rep. of	5,176	4,745	5,520
Jamaica	22	23	1	Netherlands	872	418	488
Dominican Republic	1,713	1,253	718	Austria	15	0	73
Belgium and Luxembourg	31	20	8	Denmark	3,292	2,073	857
Germany, Fed. Rep. of	22	39	9	Finland	462	601	653
Netherlands	237	169	136	Ireland	646	461	617
Canary Islands	13	16	1	Norway	20	189	0
Nigeria	0	10	0	Sweden	1,600	2,070	1,579
United Kingdom	239	321	118	Switzerland	2,496	1,658	610
France	11	1	3	United Kingdom	5,738	2,480	3,589
New Zealand	22	17	2	Libya	256	100	50
Other countries	68	28	150	Ghana	63	35	30
Total	2,396	1,920	1,153	Poland	348	150	322
Cigar binder:				Hong Kong	86	272	305
Canada	7	49	51	Japan	6,689	8,993	13,468
Venezuela	0	1	0	Malaysia	279	145	169
Dominican Republic	24	47	11	Egypt	224	1,528	1,451
Switzerland	0	0	0	Singapore	425	396	347
Other countries	1	7	4	Australia	1,067	1,152	992
Total	32	104	66	New Zealand	469	369	417
				Other countries	1,718	3,124	4,536
				Total	35,007	35,168	38,018

<sup>1</sup> Preliminary.

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, 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.

**Table 149.—Cottonseed: Cotton area and cottonseed production, farm disposition, season average price per ton received by farmers, and value, United States, 1965-81**

Year	Harvested area of cotton	Cottonseed				
		Production	Total sales to oil mills	Other <sup>1</sup>	Price	Value of production
	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1965	13,612.7	6,087	5,836	251	46.70	284,412
1966	9,552.6	3,960	3,743	217	65.90	261,008
1967	7,997.3	3,210	3,017	193	55.20	177,406
1968	10,159.3	4,640	4,441	199	50.50	234,492
1969	11,051.1	4,068	3,863	205	41.10	167,254
1970	11,155.0	4,068	3,832	236	56.40	229,607
1971	11,470.9	4,240	4,007	233	56.80	240,930
1972	12,983.8	5,393	5,153	240	49.50	267,136
1973	11,970.2	5,016	4,720.7	295.3	100.00	501,191
1974	12,546.6	4,509.9	4,290.6	219.3	136.00	611,217
1975	8,796.0	3,218.0	2,863.6	354.4	97.00	312,264
1976	10,913.5	4,122.0	3,768.1	353.9	103.00	425,411
1977	13,275.3	5,521.4	4,832.1	689.3	70.30	388,035
1978	12,400.0	4,269.2	3,878.0	391.2	114.00	485,613
1979	12,830.9	5,778.3	4,779.2	999.1	121.00	697,617
1980	13,214.8	4,470.5	3,957.2	513.3	128.00	508,055
1981 <sup>2</sup>	13,841.2	6,396.9	5,582.5	814.4	87.50	487,243

<sup>1</sup>Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>2</sup>Preliminary. Statistical Reporting Service.

**Table 150.—Cottonseed: Production, farm disposition, and season average price per ton received by farmers, by States, 1979-81**

State	Production			Total sales to oil mills			Other <sup>2</sup>			Price for crop of—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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
Ala.....	122	99	148	115	94	109	7	5	39	116.00	118.00	81.50
Ariz.....	530	583	631	326	449	511	204	134	120	110.00	121.00	( <sup>3</sup> )
Ark.....	215	181	235	200	171	223	15	10	12	133.00	128.00	88.00
Calif.....	1,335	1,270	1,445	930	1,105	1,170	405	165	275	125.00	143.00	90.50
Fla.....	1.6	2.9	8.2	1.5	2.7	7.9	.1	.2	.3	120.00	125.00	80.00
Ga.....	54	30	62	50	25	40	4	5	22	105.00	125.00	98.50
La.....	260	176	287	253	168	273	7	8	14	133.00	125.00	75.50
Miss.....	553	439	602	530	420	572	23	19	30	133.00	132.00	81.50
Mo.....	62	70	68	57	65	63	5	5	5	129.00	124.00	79.00
Nev.....	.6	.5	.6	.6	.4	.5	0	1	.1	110.00	128.00	95.00
N. Mex.....	44	45	66	40	40	57	4	5	9	115.00	124.00	87.00
N.C.....	15	19	34	13	17	29	2	2	5	124.00	117.00	83.00
Okla.....	209	82	183	201	74	175	8	8	8	114.00	125.00	84.50
S.C.....	42	30	62	39	28	59	3	2	3	118.00	120.00	88.50
Tenn.....	71	82	127	66	76	118	5	6	9	131.00	128.00	78.50
Tex.....	2,264	1,361	2,438	1,957	1,222	2,175	307	139	263	116.00	119.00	89.50
Va.....	.1	.1	.1	.1	.1	.1				128.00	117.00	83.00
U.S.....	5,778.3	4,470.5	6,396.9	4,779.2	3,957.2	5,582.5	999.1	513.3	814.4	121.00	128.00	*87.50

<sup>1</sup>Preliminary. <sup>2</sup>Includes planting seed, exports, inter-farm sales, shrinkage, losses, and other uses. <sup>3</sup>Not available because prices for a substantial portion of production remains unsettled. <sup>4</sup>U.S. average price used for Ariz. to determine U.S. values. Statistical Reporting Service.

Table 151.—Cottonseed: Crushings, output of products and product prices, United States, 1965-80

Year beginning August	Quantity crushed	Cottonseed products and prices				Year beginning August	Quantity crushed	Cottonseed products and prices			
		Crude oil		Cake and meal				Crude oil		Cake and meal	
		Quantity	Price <sup>1</sup>	Quantity	Price <sup>2</sup>			Quantity	Price <sup>1</sup>	Quantity	Price <sup>2</sup>
	1,000 tons	Mil-lion pounds	Cents per pound	1,000 tons	Dollars per ton		1,000 tons	Mil-lion pounds	Cents per pound	1,000 tons	Dollars per ton
1965.....	5,734	1,896	12.83	2,695	.....	1973.....	4,792	1,551	30.71	2,176	137.97
1966.....	3,791	1,261	12.89	1,801	78.38	1974.....	4,226	1,347	33.87	1,885	120.58
1967.....	3,107	1,036	12.67	1,450	75.14	1975.....	2,952	986	24.59	1,315	138.26
1968.....	4,363	1,425	11.56	1,985	65.36	1976.....	3,499	1,141	25.29	1,570	183.12
1969.....	3,925	1,282	12.05	1,835	70.10	1977.....	4,313	1,391	23.69	1,976	133.88
1970.....	3,728	1,211	14.71	1,729	72.46	1978.....	4,127	1,328	31.21	1,955	160.98
1971.....	3,960	1,275	13.23	1,794	73.02	1979.....	4,230	1,364	26.23	1,951	158.62
1972.....	4,880	1,535	13.72	2,224	144.76	1980.....	4,076	1,269	26.79	1,909	203.17

<sup>1</sup>Tanks, f.o.b. Valley Points. <sup>2</sup>41 percent protein, solvent, Memphis.

Economic Research Service. Compiled from annual reports of the U.S. Department of Commerce.

Table 152.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1965-80<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
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	.9	1.3	101.84	98.8	101.0	71,072
1967.....	18.4	3.89	10.7	10.1	.9	1.3	101.97	98.5	100.5	45,838
1968.....	18.0	3.91	11.2	10.6	.7	1.2	100.91	98.9	100.0	67,254
1969.....	17.9	3.97	11.1	10.6	.9	1.3	101.03	98.3	99.5	62,522
1970.....	17.8	3.92	11.3	10.8	1.6	1.3	100.52	97.1	98.0	60,118
1971.....	17.7	3.84	11.0	11.1	1.5	1.5	99.29	96.2	95.5	57,960
1972.....	17.3	3.92	.....	11.9	1.6	1.6	97.67	95.7	94.0	71,210
1973.....	18.0	3.94	.....	11.0	1.3	1.4	100.81	96.7	98.0	62,504
1974.....	17.7	3.82	.....	11.0	1.6	1.6	98.42	96.5	95.5	61,114
1975.....	18.0	3.75	.....	10.6	1.4	1.6	99.50	97.0	96.5	44,250
1976.....	17.7	3.88	.....	10.6	.7	1.8	98.93	98.4	97.5	52,048
1977.....	17.5	3.99	.....	10.8	1.8	1.4	98.85	95.6	94.5	61,466
1978.....	17.4	4.08	.....	10.5	.9	1.5	98.97	98.5	98.0	50,418
1979.....	17.6	3.92	.....	10.3	1.0	1.7	98.92	97.7	97.0	56,792
1980.....	16.9	4.08	.....	10.4	.9	1.7	97.17	98.0	98.5	38,224

<sup>1</sup>U.S. 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 and free fatty acids. <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. <sup>7</sup>The linters factor was eliminated from official grade standards effective Sept. 4, 1972.

Agricultural Marketing Service.

**Table 153.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination, years beginning October, 1978-80**

Continent and country of destination	Cottonseed oil <sup>1</sup>			Cottonseed cake and meal		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>North America:</b>						
Bermuda.....	10	2	0	0	0	0
Canada.....	5,961	5,333	2,497	1,764	2,640	593
Panama Canal Zone.....	0	0	0	0	0	0
Costa Rica.....	6	1,898	1,000	0	0	0
Dominican Republic.....	37,586	28,414	33,188	0	0	63
Guatemala.....	0	0	0	0	0	0
Haiti.....	0	197	0	0	0	0
Jamaica.....	81	18	216	0	0	0
Mexico.....	2	182	122	1,191	35,049	77,671
Netherlands Antilles.....	4	4	1	8	0	0
Panama.....	0	0	0	0	0	0
Other countries.....	161	24,622	14,314	0	0	0
<b>Total <sup>3</sup>.....</b>	<b>43,811</b>	<b>60,670</b>	<b>51,338</b>	<b>2,963</b>	<b>37,689</b>	<b>78,327</b>
<b>South America:</b>						
Brazil.....	0	0	0	45	116	0
Colombia.....	6	2	1	0	0	0
Ecuador.....	41	20	0	0	0	0
Peru.....	6	0	35	0	0	0
Surinam.....	387	0	0	0	0	0
Venezuela.....	30,209	72,301	109,084	0	0	0
Other countries.....	6	6	3	0	0	0
<b>Total <sup>3</sup>.....</b>	<b>30,655</b>	<b>72,329</b>	<b>109,123</b>	<b>45</b>	<b>116</b>	<b>0</b>
<b>Europe:</b>						
Austria.....	0	0	1	200	200	0
Belgium and Luxembourg.....	603	1	3	344	1,196	0
Denmark.....	15	6	3	109,589	84,196	36,451
France.....	47	109	1	624	263	0
Germany, Fed. Rep. of.....	1,250	1	36	80	9,293	0
Ireland.....	0	0	0	142	21	0
Italy.....	4	4	0	315	343	0
Netherlands.....	4,041	5,225	5,757	455	2,866	140
Norway.....	0	0	0	8,636	4,120	0
Poland.....	0	0	0	10,471	17,472	0
Sweden.....	0	0	0	449	205	0
Switzerland.....	2	0	1	0	0	0
United Kingdom.....	2,101	479	1,501	0	0	0
Yugoslavia.....	0	0	0	0	0	0
Other countries.....	13	3,872	7,482	605	238	0
<b>Total <sup>3</sup>.....</b>	<b>8,076</b>	<b>9,697</b>	<b>14,785</b>	<b>131,910</b>	<b>120,413</b>	<b>36,591</b>
<b>Africa:</b>						
Morocco.....	0	0	0	0	0	0
Egypt.....	135,098	157,085	75,568	0	0	0
Other countries.....	13	39	143	10	0	0
<b>Total <sup>3</sup>.....</b>	<b>135,111</b>	<b>157,124</b>	<b>75,711</b>	<b>10</b>	<b>0</b>	<b>0</b>
<b>Asia:</b>						
Hong Kong.....	162	92	63	0	0	0
India.....	0	0	27,216	178	180	0
Iran.....	40,794	2	0	0	4	0
Israel.....	1	0	5	0	0	0
Japan.....	37,269	23,008	40,189	566	342	0
Korea, Rep. of.....	1,340	1,944	2,484	0	0	0
Ryukyu Islands.....	0	0	0	0	0	0
Pakistan.....	0	0	0	0	0	0
Philippines.....	5	2	0	0	52	0
Saudi Arabia.....	17	14	0	0	0	200
Turkey.....	0	2,999	0	5	55	0
Other countries.....	25	1,012	16	0	10	0
<b>Total <sup>3</sup>.....</b>	<b>79,613</b>	<b>29,073</b>	<b>69,973</b>	<b>749</b>	<b>643</b>	<b>200</b>
<b>Oceania.....</b>	<b>2,415</b>	<b>1,296</b>	<b>982</b>	<b>5</b>	<b>0</b>	<b>0</b>
<b>Grand total <sup>3</sup>.....</b>	<b>299,679</b>	<b>330,189</b>	<b>321,910</b>	<b>135,681</b>	<b>158,859</b>	<b>115,118</b>

<sup>1</sup>Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Bureau of the Census. <sup>2</sup>Preliminary. <sup>3</sup>May not add due to rounding.

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

Table 154.—Flaxseed: Area, yield, production, disposition, and value, United States, 1965-81

Year	Area planted <sup>1</sup>	Area harvested	Yield per harvested acre	Production	Used on farms where produced	Sold	Season average price per bushel received by farmers <sup>2</sup>	Value of production <sup>3</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965.....	2,868	2,775	12.8	35,402	1,162	34,240	2.80	99,169
1966.....	2,679	2,576	9.1	23,390	937	22,453	2.89	67,620
1967.....	2,061	1,975	10.1	20,036	919	19,117	2.95	59,099
1968.....	2,177	2,092	12.9	26,983	1,130	25,853	2.81	75,694
1969.....	2,661	2,605	13.4	34,929	1,356	33,573	2.65	92,564
1970.....	2,950	2,836	10.4	29,416	839	28,577	2.40	70,506
1971.....	1,627	1,545	11.8	18,198	604	17,594	2.38	43,228
1972.....	1,189	1,149	12.1	13,883	768	13,115	3.10	43,019
1973.....	1,749	1,700	9.7	16,408	828	15,580	7.56	124,117
1974.....	1,742	1,659	8.5	14,083	759	13,324	9.67	136,196
1975.....	1,621	1,511	10.3	15,553	532	15,021	6.57	102,132
1976.....	1,045	955	7.9	7,580	633	6,947	7.08	53,754
1977.....	1,330	1,239	11.5	14,280	639	13,641	4.54	64,885
1978.....	710	687	12.5	8,614	476	8,138	5.74	49,435
1979.....	922	878	13.7	12,014	551	11,463	5.97	71,627
1980.....	779	683	11.6	7,928	( <sup>3</sup> )	( <sup>3</sup> )	7.20	57,051
1981 <sup>4</sup> .....	645	617	12.6	7,799	( <sup>3</sup> )	( <sup>3</sup> )	6.74	52,521

<sup>1</sup>Includes area planted in preceding fall.<sup>2</sup>Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.<sup>3</sup>Series discontinued.<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 155.—Flaxseed: Stocks on and off farms, United States, 1965-81

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	June 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
1965.....	20,488	13,953	10,809	3,449	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.....	14,764	9,041	5,978	2,085	12,442	12,449	9,945	7,706
1969.....	18,320	12,967	10,429	4,481	20,918	18,693	17,491	17,343
1970.....	14,991	11,213	8,927	3,148	28,270	28,152	25,025	23,605
1971.....	9,020	6,903	4,999	2,502	31,353	28,150	23,028	17,630
1972.....	7,055	3,875	1,936	395	15,447	9,948	7,485	3,103
1973.....	6,806	3,974	2,616	667	7,571	6,395	4,363	1,885
1974.....	7,984	4,022	2,751	1,150	4,599	3,745	1,907	1,100
1975.....	7,552	4,220	3,009	1,830	6,228	5,533	4,164	3,060
1976.....	3,948	2,745	1,998	1,027	4,971	4,375	2,879	1,934
1977.....	8,787	5,461	4,241	2,709	4,307	5,168	3,905	2,606
1978.....	5,171	3,446	2,349	977	3,390	4,027	3,039	1,609
1979.....	7,449	4,909	3,967	2,681	2,999	4,723	3,249	2,337
1980.....	5,383	3,132	2,086	1,178	3,200	3,423	2,252	1,597
1981 <sup>3</sup> .....	4,575	3,232	2,035	.....	1,902	1,864	1,521	.....

<sup>1</sup>Old crop only. Prior to June 1, 1976 (1975 crop year), estimates are for July 1.<sup>2</sup>Stocks at mills, elevators, warehouses, 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.

Table 156.—Flaxseed: Supply and disappearance, United States, 1965–80

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings <sup>1</sup>	Total domestic disappearance <sup>2</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
1965.....	12,866	35,402		48,268	1,895	5,302	22,058	30,386
1966.....	17,882	23,320		41,272	1,469	6,837	20,196	29,367
1967.....	11,905	20,035	3	31,944	1,559	5,438	16,511	23,313
1968.....	8,631	26,893	1	35,615	1,968	9,531	14,436	23,993
1969.....	11,622	34,929		46,551	2,265	6,505	14,289	23,511
1970.....	23,040	29,416	1	52,457	1,262	3,220	18,155	23,559
1971.....	28,898	18,198	74	47,170	933	910	21,022	23,967
1972.....	23,203	13,883	3	37,089	1,398	9,881	19,932	31,604
1973.....	5,485	16,408	399	22,292	1,360	630	17,203	18,240
1974.....	4,052	14,083	130	18,265	1,231	372	13,386	15,234
1975.....	3,031	15,553	148	18,732	1,054	953	11,791	12,889
1976.....	4,890	7,580	2,168	14,606	1,043	196	10,667	11,449
1977.....	2,961	14,280	859	18,100	557	1,001	11,615	11,784
1978.....	5,315	8,614	1,557	15,486	724	91	13,009	12,809
1979.....	2,586	12,014	1,916	16,516	650	174	12,425	11,324
1980 <sup>3</sup> .....	5,018	7,928	2,510	15,456	547	76	11,927	12,605

<sup>1</sup> From domestic and imported seed.<sup>2</sup> Total supply minus exports and stocks June 1 of following year.<sup>3</sup> Preliminary.

Economic Research Service.

Table 157.—Flaxseed: Area, yield, and production, by States, 1979–81

State	Area planted <sup>1</sup>			Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els
Minn.....	160	140	115	153	125	104	14.5	12.5	12.5	2,219	1,563	1,300
N. Dak.....	480	350	350	460	290	340	13.0	10.0	12.5	5,980	2,900	4,250
S. Dak.....	270	285	180	260	265	173	14.5	13.0	13.0	3,770	3,445	2,249
Tex. <sup>3</sup> .....	12	4		5	3		9.0	6.7		45	20	
U.S.....	922	779	645	878	683	617	13.7	11.6	12.6	12,014	7,928	7,799

<sup>1</sup> Includes area planted in preceding fall.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1980 crop.

Statistical Reporting Service.

Table 158.—Flaxseed:<sup>1</sup> Area, yield, and production in specified countries and the world, 1979-81

Continent and country	Harvested area			Yield per hectare			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 hectare	1,000 hectare	1,000 hectare	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	526	931	575	1.087	0.975	0.809	572	815	465
United States.....	412	355	276	.532	.859	.728	219	305	201
Mexico.....	11	8	6	1.364	1.250	1.333	15	10	8
Total.....	949	1,294	857	.849	.873	.787	806	1,130	674
<b>South America:</b>									
Argentina.....	817	976	720	.734	.761	.813	600	743	585
Uruguay <sup>3</sup> .....	61	98	36	.508	.663	.583	31	65	21
Total <sup>4</sup> .....	878	1,074	756	.719	.752	.802	631	808	606
<b>Europe:</b>									
Belgium <sup>5</sup> .....	7	7	7	1.000	1.000	.857	7	7	6
France <sup>6</sup> .....	54	47	47	.574	.394	.851	31	42	40
Italy <sup>5</sup> .....	10	7	5	.300	.429	.600	3	3	3
Netherlands <sup>5</sup> .....	5	4	4	1.000	1.000	1.000	5	4	4
Other countries.....	0	0	0				0	0	0
Total Western Europe <sup>4</sup> .....	76	65	63	.605	.362	.841	46	56	53
Czechoslovakia <sup>5</sup> .....	33	30	31	.303	.400	.484	10	12	15
Hungary.....	20	15	12	.600	.600	1.333	12	9	16
Poland <sup>5</sup> .....	84	101	83	.619	.347	.542	52	35	45
Other countries.....	0	0	0				0	0	0
Total Eastern Europe.....	137	146	126	.540	.384	.603	74	56	76
Total Europe <sup>4</sup> .....	213	211	189	.563	.531	.683	120	112	129
<b>Soviet Union<sup>5</sup>.....</b>	<b>1,339</b>	<b>1,212</b>	<b>1,266</b>	<b>.187</b>	<b>.210</b>	<b>.155</b>	<b>250</b>	<b>254</b>	<b>196</b>
<b>Africa:</b>									
Egypt <sup>5</sup> .....	25	29	29	1.240	1.172	1.207	31	34	35
Total <sup>4</sup> .....	25	29	29	1.240	1.172	1.207	31	34	35
<b>Asia:</b>									
Iran.....	3	3	3	1.000	1.000	1.000	3	3	3
Turkey (Europe and Asia) <sup>5</sup> .....	5	5	5	.600	.600	.600	3	3	3
India <sup>5</sup> .....	2,092	1,614	1,710	.256	.167	.250	535	269	428
Pakistan <sup>7</sup> .....	11	11	11	.636	.545	.636	7	6	7
Other countries.....	15	15	15	.467	.467	.467	7	7	7
Total <sup>4</sup> .....	2,126	1,648	1,744	.261	.175	.257	555	288	448
<b>Oceania:</b>									
Australia <sup>7</sup> .....	13	17	13	1.077	.824	.615	14	14	8
Total <sup>4</sup> .....	13	17	13	1.077	.824	.615	14	14	8
<b>World total<sup>4</sup>.....</b>	<b>5,543</b>	<b>5,485</b>	<b>4,854</b>	<b>.434</b>	<b>.481</b>	<b>.432</b>	<b>2,407</b>	<b>2,640</b>	<b>2,096</b>

<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 1980 was combined with the Southern Hemisphere harvest which began late in 1980 and ended early in 1981. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons. <sup>2</sup>Preliminary. <sup>3</sup>Seeded area. <sup>4</sup>Includes estimates for the above countries for which data are not available and for minor producing countries. Totals may not add because of rounding. <sup>5</sup>Includes fiber flax area and seed production. <sup>6</sup>Area includes that harvested for seed and that portion of fiber area which is harvested for seed as well as fiber. Production includes seed from fiber flax. <sup>7</sup>Flaxseed from area 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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 159.—Flaxseed: Production, disposition, and value, by States, crop of 1981 (preliminary)**

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Minn.....	1,300	( <sup>1</sup> )	( <sup>1</sup> )	6.80	8,840	( <sup>1</sup> )
N. Dak.....	4,250	( <sup>1</sup> )	( <sup>1</sup> )	6.60	28,050	( <sup>1</sup> )
S. Dak.....	2,249	( <sup>1</sup> )	( <sup>1</sup> )	6.95	15,631	( <sup>1</sup> )
U.S.....	7,799	( <sup>1</sup> )	( <sup>1</sup> )	6.74	52,521	( <sup>1</sup> )

<sup>1</sup>Series discontinued.  
Statistical Reporting Service.

**Table 160.—Flaxseed: Price-support operations, United States, 1965-82**

Year beginning July	Support price		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	1,000 bushels	Percent	1,000 bushels	1,000 bushels
1965.....	2.90	75	11,303	31.9	9,430	12,382
1966.....	2.90	73	2,255	9.6	1,034	4,553
1967.....	2.90	73	2,707	13.5	1,207	2,115
1968.....	2.90	72	6,231	23.0	4,998	6,925
1969.....	2.75	64	13,006	37.2	12,307	16,651
1970.....	2.50	58	13,911	47.1	13,366	26,726
1971.....	2.50	56	6,867	37.7	3,852	18,717
1972.....	2.50	56	673	4.8	157	140
1973.....	2.50	51	137	.9		
1974.....	2.50	41	63	.5		
1975.....	( <sup>4</sup> )					
1976.....	( <sup>4</sup> )					
1977.....	( <sup>4</sup> )					
1978.....	4.50	48				
1979.....	4.50	43				
1980.....	4.50	39				
1981.....	( <sup>4</sup> )					
1982.....	( <sup>4</sup> )					

<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 through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup>Price support not authorized for 1975, 1976, 1977, 1981, and 1982.

Agricultural Stabilization and Conservation Service.

**Table 161.—Flaxseed and linseed oil and meal: Average price Minneapolis 1965-80**

Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Minneapolis		Year <sup>1</sup>	Flaxseed, per bushel: No. 1, Minneapolis	Minneapolis	
		Oil, per pound <sup>2</sup>	Meal, per ton <sup>3</sup>			Oil, per pound <sup>2</sup>	Meal, per ton <sup>3</sup>
	Dollars	Cents	Dollars		Dollars	Cents	Dollars
1965.....	3.08	12.9	70.55	1973.....	8.74	30.2	145.43
1966.....	3.17	12.8	76.36	1974.....	9.20	45.5	125.76
1967.....	3.19	13.1	75.50	1975.....	6.72	30.6	128.61
1968.....	3.09	12.1	71.08	1976.....	7.67	28.6	164.82
1969.....	2.42	11.8	69.05	1977.....	4.96	24.4	134.56
1970.....	2.68	9.6	62.10	1978.....	6.27	24.9	144.53
1971.....	2.68	8.8	67.74	1979.....	6.52	29.8	154.13
1972.....	3.68	10.1	131.48	1980.....	7.83	30.5	164.55

See footnotes on page 123.



**Table 162.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1965-80**

Year beginning June	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	June-Aug.	Sept.-Nov.	Dec.-Feb.	Mar.-May	Total	Stocks June 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
1965	4,229	6,258	5,689	5,882	22,058	205	449	( <sup>1</sup> )	61	387	1	102
1966	4,875	6,235	4,533	4,533	20,196	260	415	( <sup>1</sup> )	136	371	1	121
1967	3,561	5,379	4,007	3,564	16,511	212	343	( <sup>1</sup> )	30	304	6	101
1968	2,651	4,825	3,700	3,260	14,436	205	301	( <sup>1</sup> )	108	263	( <sup>2</sup> )	69
1969	2,464	4,864	3,296	3,665	14,289	152	290	( <sup>1</sup> )	40	256	1	92
1970	3,533	4,689	4,549	5,384	18,155	130	363	( <sup>1</sup> )	47	328	2	83
1971	4,950	5,074	5,390	5,608	21,022	187	428	( <sup>1</sup> )	66	386	2	121
1972	5,642	5,579	4,380	4,331	19,932	275	393	( <sup>1</sup> )	256	370	3	175
1973	5,136	5,462	3,310	3,295	17,203	127	344	( <sup>1</sup> )	142	324	3	117
1974	3,569	4,928	3,071	1,818	13,386	71	263	( <sup>1</sup> )	143	254	( <sup>2</sup> )	140
1975	2,218	4,515	2,352	2,705	11,790	49	231	( <sup>1</sup> )	42	229		141
1976	2,899	2,646	2,745	2,387	10,677	49	217	( <sup>1</sup> )	14	202	( <sup>2</sup> )	89
1977	2,897	2,887	2,638	3,193	11,615	88	232	( <sup>1</sup> )	25	219	4	111
1978	4,310	2,483	2,367	3,869	13,029	70	259	( <sup>1</sup> )	54	244	3	135
1979	3,215	3,383	2,318	3,666	12,582	44	256	( <sup>1</sup> )	38	233	2	161
1980 <sup>3</sup>	2,465	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	11,927	54	251	( <sup>1</sup> )	51	225	2	129

<sup>1</sup>Less than 500,000 pounds. <sup>2</sup>Less than 500 tons. <sup>3</sup>Preliminary. <sup>4</sup>Not included to avoid disclosure. Economic Research Service.

**Table 163.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years 1978-80<sup>1</sup>**

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
North America:									
Canada	0	0	0	118	465	1,479	832	0	0
Mexico	0	43	49	49	288	107	0	7	34
Panama	0	0	0	5	2	8	0	0	0
Other countries	24	0	41	117	30	134	0	0	0
Total <sup>4</sup>	24	43	90	289	785	1,728	832	7	34
South America:									
Peru	0	0	0	0	0	1	0	0	0
Venezuela	0	0	0	61	53	80	0	0	0
Other countries	0	0	0	5	68	68	0	0	0
Total <sup>4</sup>	0	0	0	66	121	149	0	0	0
Europe:									
Belgium and Luxembourg	355	136	94	0	2	0	0	0	0
Denmark	0	0	0	0	0	0	0	0	0
France	0	0	0	7	3	0	0	0	0
Germany, Fed. Rep. of	594	2,478	524	0	0	16	9,508	5,255	10,042
Italy	0	0	0	2	1	16	0	0	0
Netherlands	0	83	136	7,177	7,113	16,925	70,851	88,158	88,126
Poland	1,099	1,171	0	16,789	9,034	4,999	27,488	56,272	30,468
Spain	0	18	0	2	25	4	0	0	0
Sweden	0	0	0	0	17	0	0	0	0
Switzerland	0	0	43	0	0	0	0	0	0
United Kingdom	0	0	0	5	5	18	0	154	0
Other countries	0	0	0	9	5	0	0	0	0
Total <sup>4</sup>	2,048	3,886	797	23,991	16,205	21,978	107,847	149,839	128,636
Soviet Union	0	0	0	7	1	0	0	0	0

See footnotes at end of table.

**Table 163.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, crop years, 1978–80 <sup>1</sup>—Continued**

Continent and country of destination	Flaxseed			Linseed oil <sup>3</sup>			Linseed cake and meal		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Africa.....	0	0	0	2	11	41	0	0	0
Asia:									
Japan.....	15	0	0	4	4	24	0	0	0
Korea, Rep. of.....	0	0	0	208	0	4	0	0	0
Philippines.....	0	3	0	5	0	0	0	0	0
Other countries.....	0	3	2	68	46	2,596	0	0	0
Total <sup>4</sup> .....	15	3	2	285	50	2,624	0	0	0
Oceania:									
Australia.....	0	0	0	31	4	425	0	0	0
Other countries.....	0	0	0	5	4	568	0	0	0
Total <sup>4</sup> .....	0	0	0	36	8	993	0	0	0
Grand total <sup>4</sup> .....	<sup>5</sup> 2,313	<sup>5</sup> 4,408	<sup>5</sup> 1,936	24,677	17,180	27,515	108,677	149,846	128,669

<sup>1</sup> For flaxseed and linseed oil, year begins June 1; for linseed cake and meal, year begins Oct. 1. <sup>2</sup> Preliminary. <sup>3</sup> Crude and refined combined as such. <sup>4</sup> Total may not add due to rounding. <sup>5</sup> Includes 225, 476, and 1,047 metric tons transhipped via Canada to unidentified countries in 1978, 1979, 1980 respectively.

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

**Table 164.—Peanuts: Area, yield, production, disposition, season average price per pound received by farmers, and value, United States, 1965–81**

Crop of—	Area planted	Peanuts for nuts									
		Area harvested	Yield per acre	Production <sup>1</sup>	Used on farms where produced			Sold	Price	Value of production	
					For seed <sup>2</sup>	Fed and lost	Household use				
	1,000 acres	1,000 acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	
1965.....	1,519.5	1,438.3	1,661	2,389,596	31,927	2,825	3,944	2,350,900	11.4	272,391	
1966.....	1,490.1	1,420.7	1,700	2,415,731	27,661	2,675	3,351	2,382,044	11.3	272,861	
1967.....	1,473.8	1,403.5	1,765	2,477,255	26,695	2,740	2,949	2,444,871	11.4	282,107	
1968.....	1,495.9	1,438.4	1,770	2,546,591	22,765	2,281	2,654	2,518,891	11.9	303,726	
1969.....	1,512.1	1,455.7	1,742	2,535,394	22,107	1,922	2,581	2,508,784	12.3	312,358	
1970.....	1,517.6	1,469.2	2,030	2,983,121	20,704	1,963	2,853	2,957,601	12.8	382,967	
1971.....	1,528.9	1,454.5	2,066	3,005,118	18,848	1,830	2,753	2,981,687	13.6	408,371	
1972.....	1,532.8	1,486.4	2,203	3,274,761	17,359	<sup>3</sup> 4,821		3,252,581	14.5	475,367	
1973.....	1,530.2	1,495.7	2,323	3,473,837	18,723		4,705	3,450,409	16.2	562,460	
1974.....	1,519.6	1,472.1	2,491	3,667,604	<sup>4</sup> 24,398			3,643,206	17.9	657,987	
1975.....	1,531.9	1,500.0	2,564	3,846,722	<sup>4</sup> 26,668			3,820,054	19.6	754,491	
1976.....	1,544.6	1,517.5	2,464	3,739,190	26,251			3,712,939	20.0	746,675	
1977.....	1,540.6	1,512.4	2,456	3,715,055	25,231			3,689,824	21.0	780,869	
1978.....	1,540.8	1,509.1	2,619	3,952,384	26,369			3,926,015	21.1	833,885	
1979.....	1,545.9	1,519.7	2,611	3,968,485	26,297			3,942,188	20.6	819,276	
1980.....	1,521.4	1,398.8	1,645	2,301,282	( <sup>5</sup> )			( <sup>5</sup> )	( <sup>5</sup> )	25.1	578,292
1981 <sup>6</sup> .....	1,517.7	1,493.3	2,668	3,984,653	( <sup>5</sup> )	( <sup>5</sup> )		( <sup>5</sup> )	( <sup>5</sup> )	26.8	1,069,592

<sup>1</sup> Net weight basis. <sup>2</sup> Seed used for planting the crop of the following year. <sup>3</sup> Beginning 1972, not estimated separately. <sup>4</sup> Beginning 1974, not estimated separately. <sup>5</sup> Series discontinued. <sup>6</sup> Preliminary.

Statistical Reporting Service.

**Table 165.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1965-81**

Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>3</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1965.....	7,444	2,389,596	2,397,040	2,239,765
1966.....	11,543	2,415,731	2,427,274	2,157,124
1967.....	6,514	2,477,255	2,483,769	2,258,972
1968.....	7,359	2,546,591	2,553,950	2,275,008
1969.....	9,056	2,535,394	2,544,450	2,267,926
1970.....	2,809	2,985,121	2,985,930	2,615,892
1971.....	14,223	3,005,118	3,019,341	2,650,296
1972.....	27,394	3,274,761	3,302,155	2,888,272
1973.....	56,899	3,473,837	3,530,736	3,050,986
1974.....	38,392	3,667,604	3,705,996	2,922,924
1975.....	226,991	3,857,122	4,084,113	3,461,504
1976.....	250,005	3,750,890	4,000,895	3,455,100
1977.....	54,366	3,726,015	3,780,381	3,348,732
1978.....	28,651	3,988,624	4,017,275	3,423,965
1979.....	13,513	3,968,485	3,981,998	3,423,965
1980.....	63,442	2,307,847	2,371,289	3,502,326
1981 <sup>4</sup> .....	28,328	3,987,653	4,015,981	1,887,992

<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.

**Table 166.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1965-81**

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
	<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>
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	47,300	199,205	8	5,752	19,122	266,341
1968.....	491,447	34,500	205,222	37	25,747	9,148	275,210
1969.....	437,127	33,700	181,961	41	35,663	8,876	243,848
1970.....	600,855	25,337	253,544	32	43,999	7,738	340,351
1971.....	612,322	41,784	259,994	15	74,865	21,587	334,428
1972.....	638,755	32,110	268,950	23	104,907	2,979	359,769
1973.....	513,552	37,317	213,896	1,123	60,529	6,962	284,997
1974.....	443,665	33,342	188,365	20	34,681	6,838	245,584
1975.....	1,088,087	34,053	475,961	1,850	97,712	10,374	601,243
1976.....	833,158	136,926	362,611	32	45,878	5,863	466,544
1977.....	366,227	221,545	150,971	25	126,547	11,719	208,144
1978.....	395,951	46,029	164,284	43	40,488	10,933	217,988
1979.....	429,116	53,189	179,695	( <sup>4</sup> )	( <sup>4</sup> )	1,019	236,228
1980.....	335,528	44,076	137,848			8,830	187,204
1981.....						7,335	

<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> Not available.

Statistical Reporting Service and Economic Research Service.

## FOOTNOTES FOR TABLE 161

<sup>1</sup> Year beginning August for flaxseed; July for oil and meal.<sup>2</sup> Raw oil in tank cars.<sup>3</sup> Bulk carlots, 34 percent protein.

Economic Research Service.

**Table 167.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1965-81**

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
1965.....	14,518	93,837	751	109,106	4,553	90,846	0.46
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	107,026	201	122,092	1,530	104,503	.51
1970.....	16,059	119,146	1,269	136,474	6,436	114,072	.55
1971.....	15,966	121,009	1,299	138,274	35,801	81,588	.39
1972.....	20,885	113,341	1,039	135,265	4,369	113,237	.54
1973.....	17,659	149,503	79	167,241	66,094	86,055	.41
1974.....	15,092	132,185	127	147,404	17,703	111,872	.53
1975.....	17,829	154,768	207	172,804	22,708	119,529	.56
1976.....	30,567	150,764	432	181,763	24,765	138,841	.65
1977.....	18,157	198,076	272	216,505	64,284	126,583	.63
1978.....	25,638	233,497	53	259,188	94,612	16,536	.....
1979.....	48,199	183,831	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1980.....	30,591	104,053	.....	.....	.....	.....	.....
1981.....	14,381	.....	.....	.....	.....	.....	.....

<sup>1</sup>Includes shipments to Puerto Rico. <sup>2</sup>Not available.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce.

**Table 168.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1965-81**

Year beginning August	Supply					Exports <sup>1</sup>	Crushed	
	Stocks Aug. 1		Production		Imports			Total
	Edible	Oil stock	Edible	Oil stock		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	
1965.....	225,965	3,961	1,229,627	317,001	383	1,776,937	175,221	373,547
1966.....	249,316	8,960	1,176,829	361,026	577	1,796,708	166,316	418,292
1967.....	245,678	19,096	1,272,713	347,543	557	1,885,587	148,295	483,992
1968.....	219,717	28,617	1,252,042	352,057	769	1,853,202	79,623	491,447
1969.....	226,758	23,434	1,284,838	315,672	335	1,851,037	100,051	437,127
1970.....	238,325	12,677	1,373,076	482,274	204	2,106,556	213,027	600,855
1971.....	290,965	27,081	1,385,585	518,747	859	2,223,237	403,397	612,322
1972.....	224,529	33,783	1,503,124	567,067	443	2,328,946	385,588	638,755
1973.....	240,686	25,586	1,678,534	509,306	444	2,454,556	523,986	513,552
1974.....	359,752	16,126	1,557,098	558,409	466	2,491,851	548,083	443,665
1975.....	279,401	20,734	1,590,916	914,655	290	2,805,996	318,229	1,088,087
1976.....	315,667	83,174	1,757,043	729,842	66	2,885,792	580,496	833,158
1977.....	372,518	29,803	1,881,663	468,753	148	2,752,885	705,032	366,227
1978.....	358,984	37,366	1,943,628	435,972	161	2,776,111	745,593	395,951
1979.....	348,002	46,435	2,003,011	486,981	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	429,116
1980.....	371,658	29,491	993,306	286,868	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	335,528
1981.....	268,276	10,366	.....	.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	.....

<sup>1</sup>Includes shipments to Puerto Rico. <sup>2</sup>Not available.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce.

Table 169.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1965-80

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
<b>Virginia:</b>							
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	
1969	47,355	6,983	177,319	58,679	7,834	298,170	
1970	50,294	7,895	176,816	58,729	5,895	299,629	
1971	40,685	8,211	173,597	52,157	4,550	279,200	
1972	46,435	7,770	167,941	50,597	4,508	277,251	
1973	72,614	3,821	171,695	53,052	4,336	305,518	
1974	67,461	2,978	132,861	51,278	3,180	257,758	
1975	62,244	3,068	147,933	52,335	2,746	268,326	
1976	46,167	4,566	98,992	49,876	2,222	201,823	
1977	49,517	3,994	88,773	44,260	2,164	188,708	
1978	48,824	4,655	91,426	48,424	2,531	195,860	
1979	47,462	7,353	83,755	27,899	2,493	168,962	
1980	26,142	2,487	50,095	18,903	1,137	98,764	
<b>Runner:</b>							
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	
1969	209,676	10,318	6,217	71,252	9,600	307,063	
1970	232,567	9,941	5,820	95,373	7,743	351,444	
1971	250,903	12,004	11,948	109,463	8,431	392,749	
1972	265,938	12,983	29,665	122,164	8,694	439,444	
1973	330,048	16,020	51,555	115,278	10,502	523,398	
1974	415,720	13,781	86,092	101,729	7,435	624,756	
1975	447,182	15,204	94,633	124,423	9,742	691,184	
1976	455,900	17,192	102,603	121,193	11,874	708,762	
1977	492,439	23,020	144,309	126,101	13,735	799,604	
1978	546,001	22,528	158,262	158,258	13,949	898,998	
1979	600,920	22,303	155,469	183,612	14,607	976,911	
1980	529,923	21,289	127,430	177,098	15,327	871,067	
<b>Spanish:</b>							
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	
1969	283,483	4,354	57,375	106,444	3,714	455,370	
1970	257,489	7,481	56,168	89,137	3,933	414,208	
1971	265,259	5,379	56,106	84,426	3,987	415,157	
1972	265,668	4,983	56,824	87,087	4,371	418,863	
1973	257,314	4,041	61,057	83,174	4,457	410,043	
1974	167,803	3,609	59,332	64,028	3,764	298,536	
1975	138,631	2,685	59,069	62,918	3,509	266,812	
1976	115,870	2,460	52,227	63,961	3,726	238,244	
1977	81,870	1,182	41,137	64,858	2,783	191,830	
1978	70,112	884	41,926	61,753	2,625	177,300	
1979	51,643	681	45,650	46,845	2,213	147,032	
1980	32,491	302	27,964	41,889	3,224	105,870	
<b>All types:</b>							
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
1969	540,514	21,655	240,911	236,375	21,148	1,060,603	105,831
1970	540,350	25,317	238,804	243,239	17,571	1,065,281	119,236
1971	556,847	25,594	241,651	246,046	16,968	1,087,106	116,089
1972	578,061	25,646	254,430	259,848	17,573	1,135,558	116,567
1973	659,971	23,882	284,307	251,504	19,295	1,238,959	152,070
1974	650,984	20,368	278,285	217,034	14,379	1,181,050	129,447
1975	648,057	20,957	301,635	239,676	15,997	1,226,322	142,029
1976	617,937	24,218	253,822	235,030	17,822	1,148,829	163,177
1977	628,826	28,196	274,219	235,219	18,682	1,180,142	190,593
1978	664,937	28,067	291,614	268,435	19,105	1,272,158	210,935
1979	700,025	30,337	284,874	258,356	19,313	1,292,905	201,441
1980	588,556	24,078	205,489	237,890	19,688	1,075,701	120,263

<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 and Economic Research Service.

Table 170.—Peanuts: Area, yield, and production, by States, 1979-81

State	Area planted			Peanuts for nuts								
	1979	1980	1981 <sup>1</sup>	Area harvested			Yield per harvested acre			Production <sup>2</sup>		
				1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	
Ala.....	211.0	209.0	224.0	210.0	200.0	222.0	2,785	1,325	2,715	584,850	265,000	602,730
Fla.....	64.0	65.0	69.0	55.0	55.0	60.0	3,270	2,600	2,970	179,850	143,000	178,200
Ga.....	530.0	530.0	570.0	527.0	514.0	565.0	3,235	1,935	2,930	1,704,845	994,590	1,655,450
Miss.....	7.7	7.5	7.0	7.5	6.0	6.7	1,650	1,250	1,900	12,375	7,500	12,730
N. Mex.....	9.2	8.9	9.7	9.2	8.8	9.6	2,750	2,540	2,530	25,300	22,352	24,288
N.C.....	168.0	169.0	179.0	166.0	166.0	177.0	2,280	1,755	3,175	378,480	291,330	561,975
Okla.....	123.0	123.0	95.0	120.0	105.0	91.0	2,200	1,335	2,080	264,000	140,175	189,280
S.C.....	15.0	15.0	15.0	15.0	13.0	15.0	2,150	1,100	2,400	32,250	14,300	36,000
Tex.....	315.0	290.0	244.0	309.0	230.0	242.0	1,725	1,275	1,625	533,025	293,250	393,250
Va.....	103.0	104.0	105.0	101.0	101.0	105.0	2,510	1,285	3,150	253,510	129,785	330,750
U.S.....	1,545.9	1,521.4	1,517.7	1,519.7	1,398.8	1,493.3	2,611	1,645	2,668	3,968,485	2,301,282	3,984,653

<sup>1</sup> Preliminary. <sup>2</sup> Net weight basis.  
Statistical Reporting Service.

Table 171.—Peanuts for nuts: Production, disposition, and value, by States, crop of 1981 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per pound	Value of—	
					Production	Sales
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars
Ala.....	602,730	( <sup>1</sup> )	( <sup>1</sup> )	25.9	156,107	( <sup>1</sup> )
Fla.....	178,200	( <sup>1</sup> )	( <sup>1</sup> )	27.2	48,470	( <sup>1</sup> )
Ga.....	1,655,450	( <sup>1</sup> )	( <sup>1</sup> )	26.8	443,661	( <sup>1</sup> )
Miss.....	12,730	( <sup>1</sup> )	( <sup>1</sup> )	23.0	2,928	( <sup>1</sup> )
N. Mex.....	24,288	( <sup>1</sup> )	( <sup>1</sup> )	27.0	6,558	( <sup>1</sup> )
N.C.....	561,975	( <sup>1</sup> )	( <sup>1</sup> )	28.0	157,353	( <sup>1</sup> )
Okla.....	189,280	( <sup>1</sup> )	( <sup>1</sup> )	24.6	46,563	( <sup>1</sup> )
S.C.....	36,000	( <sup>1</sup> )	( <sup>1</sup> )	30.0	10,800	( <sup>1</sup> )
Tex.....	393,250	( <sup>1</sup> )	( <sup>1</sup> )	26.5	104,211	( <sup>1</sup> )
Va.....	330,750	( <sup>1</sup> )	( <sup>1</sup> )	28.1	92,941	( <sup>1</sup> )
U.S.....	3,984,653	( <sup>1</sup> )	( <sup>1</sup> )	26.8	1,069,592	( <sup>1</sup> )

<sup>1</sup> Series discontinued.  
Statistical Reporting Service.

Table 172.—Peanuts, farmers' stock: Average price per pound to growers, 1965-81<sup>1</sup>

Crop year <sup>2</sup>	Virginia type (Va-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias	Crop year <sup>2</sup>	Virginia type (Va-N.C.)	South-eastern Runner	South-western Spanish	New Mexico Valencias
	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents
1965.....	12.1	11.0	11.3	12.0	1974.....	17.6	18.5	17.4	17.7
1966.....	12.2	10.6	11.3	11.4	1975.....	18.7	19.3	18.2	22.5
1967.....	11.9	11.4	10.9	12.4	1976.....	19.9	20.1	19.0	24.5
1968.....	13.0	11.5	11.8	13.0	1977.....	21.5	22.1	20.8	24.5
1969.....	13.4	12.4	12.4	13.6	1978.....	21.9	21.9	20.4	22.1
1970.....	13.8	13.0	12.5	13.9	1979.....	21.1	22.4	20.4	21.3
1971.....	14.2	14.6	13.6	13.8	1980.....	21.6	22.7	20.8	23.4
1972.....	14.6	15.1	14.2	15.2	1981 <sup>3</sup> .....	22.6	23.0	21.9	22.6
1973.....	16.2	16.0	15.6	16.1					

<sup>1</sup> Prices are based on average quality factors for each crop year as described in the 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 the Southwestern States.

<sup>3</sup> Prices for 1981 based upon Calculated Loan Values shellers paid farmers. Premiums above the support price in all areas.

Agricultural Marketing Service.

Table 173.—Peanuts, farmers' stock: Price-support operations, United States, 1965-81

Year beginning August	Support price		Put under support <sup>2,3</sup>		Owned by CCC July 81 <sup>3</sup>
	Per pound	Percentage of parity <sup>1</sup>	Quantity	Percentage of production	
	Cents	Percent	Million pounds	Percent	Million pounds
1965.....	11.2	77	733	30.7	89
1966.....	11.35	77	814	33.7	114
1967.....	11.35	75	685	27.7	12
1968.....	12.012	78	699	27.4	(9)
1969.....	12.375	76	622	24.5	(9)
1970.....	12.75	75	1,084	36.3	11
1971.....	13.425	75	1,238	41.2	4
1972.....	14.25	75	1,277	39.0	24
1973.....	16.425	75	1,029	29.6	0
1974.....	18.3	75	1,072	29.2	552
1975.....	19.725	75	1,136	29.5	958
1976.....	20.7	75	854	22.8	0
1977.....	21.525	75	535	14.4	2
1978.....	*21.0	67	515	12.9	.....
1979.....	*21.0	59	702	17.7	.....
1980.....	*22.75	57	323	14.1	.....
1981.....	*22.75	55	794	20.1	.....

<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 500,000 pounds.<sup>5</sup>Quota peanuts were supported at 21.0 cents per pound and additional peanuts at 12.5 cents per pound.<sup>6</sup>Quota peanuts were supported at 21.0 cents per pound and additional peanuts at 15.0 cents per pound.<sup>7</sup>Quota peanuts were supported at 22.75 cents per pound and additional peanuts at 12.5 cents per pound.

Agricultural Stabilization and Conservation Service.

Table 174.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1971-80<sup>1</sup>

Classification	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Southeastern area:										
Georgia, Alabama, and Florida:										
Shelled:										
Runner Jumbo.....	Cents 24%	Cents 25%	Cents 29%	Cents 32%	Cents 33%	Cents 34%	Cents 37%	Cents 36%	Cents 37%	Cents 40
Runner Medium.....	.....	.....	.....	29%	31%	33	35%	35	36%	38%
Runner U.S. Splits.....	22%	23%	26	26%	27%	26%	32%	33%	35%	39
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy.....	23%	23%	26%	33%	30%	32%	36%	34	36%	38
Shelled Virginias:										
Extra large.....	27%	32%	34%	40%	39%	39%	40%	42%	47%	45%
Medium.....	26%	29%	32%	34%	36%	37%	38%	37%	39%	41
No. 2 with 70% splits.....	22%	23%	25%	25%	24%	25%	30%	31%	33%	35%
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1.....	23%	24%	30%	30%	34%	36%	40%	38%	38%	42
Spanish U.S. Splits.....	23	23%	26%	27%	27%	27%	33%	34%	36%	39
New Mexico:										
Handpicked unshelled Valencias <sup>2</sup> .....	21%	22	25%	29%	31%	32%	34%	35%	36%	37

<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 shipment within 6 months.<sup>2</sup>No U.S. grade standards apply to Valencia peanuts.

Agricultural Marketing Service.

**Table 175.—Peanuts: <sup>1</sup> Area and production in specified countries and the world, 1978-79/1980-81**

Continent and country	Harvested area <sup>2</sup>			Production		
	1978-79	1979-80	1980-81 <sup>3</sup>	1978-79	1979-80	1980-81 <sup>3</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>						
United States.....	611	615	566	1,793	1,800	1,047
Mexico.....	42	38	40	67	55	60
Dominican Republic.....	40	35	30	47	45	39
Total <sup>4</sup> .....	693	688	636	1,907	1,900	1,146
<b>South America:</b>						
Argentina.....	393	281	195	672	295	240
Brazil <sup>5</sup> .....	286	320	235	465	483	310
Paraguay.....	24	24	25	23	25	25
Venezuela.....	26	25	27	33	37	26
Total.....	729	650	482	1,193	840	601
<b>Europe:</b>						
Total (including Soviet Union).....	2	2	2	3	3	3
<b>Africa:</b>						
Sudan.....	982	988	926	813	852	799
Egypt.....	18	18	18	33	33	32
Cameroon.....	202	202	202	90	90	90
Ghana.....	109	101	80	45	45	23
Zaire.....	270	270	270	295	295	295
Gambia.....	118	100	109	151	75	45
Ivory Coast.....	59	61	52	50	52	59
Madagascar.....	40	37	37	40	34	35
Mali.....	97	97	97	126	116	92
Mozambique <sup>6</sup> .....	200	200	200	80	75	75
Niger.....	195	145	169	97	89	101
Nigeria.....	600	600	600	341	377	400
Zimbabwe.....	253	190	206	114	67	76
Zambia.....	22	35	35	22	27	35
Senegal.....	1,150	1,097	1,056	1,053	600	489
South Africa <sup>5</sup> .....	213	280	243	179	344	307
Other countries.....	987	985	987	759	756	768
Total <sup>4</sup> .....	5,515	5,406	5,287	4,288	3,927	3,721
<b>Asia:</b>						
Turkey (Europe and Asia).....	22	25	23	52	58	53
China.....	1,767	2,074	2,400	2,377	2,822	3,600
Taiwan.....	58	54	53	92	86	86
Burma <sup>5</sup> .....	523	456	525	384	337	484
India.....	7,433	7,165	6,905	6,208	5,768	5,020
Indonesia.....	473	507	521	708	795	857
Japan <sup>5</sup> .....	35	34	33	62	67	59
Pakistan <sup>5</sup> .....	46	41	46	45	50	57
Philippines.....	54	54	59	50	50	55
Thailand.....	100	120	122	102	122	136
Other countries.....	45	43	43	74	72	69
Total <sup>4</sup> .....	10,556	10,573	10,730	10,154	10,227	10,476
<b>Oceania: Australia.....</b>	37	32	29	62	39	40
<b>World total <sup>4</sup>.....</b>	17,532	17,351	17,166	17,607	16,936	15,987

<sup>1</sup> Peanuts in the shell. Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

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

<sup>3</sup> Preliminary.

<sup>4</sup> Includes estimates for the above countries for which data are not available.

<sup>5</sup> Planted area.

<sup>6</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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.



Table 176.—Soybeans: Area, yield, production, disposition, and value, United States, 1965-81

Year	Soybeans for beans								
	Area planted	Area harvested	Yield per acre	Production	Used on farms where produced		Sold	Season average price per bushel received by farmers <sup>1</sup>	Value of production <sup>1</sup>
					For seed	Fed to livestock			
	1,000 acres	1,000 acres	Bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars
1965	35,227	34,449	24.5	845,608	21,970	852	822,786	2.54	2,151,305
1966	37,294	36,546	25.4	928,481	23,322	949	904,210	2.75	2,553,612
1967	40,819	39,805	24.5	976,439	23,092	921	952,426	2.49	2,433,519
1968	42,265	41,391	26.7	1,106,958	21,301	873	1,084,784	2.43	2,688,571
1969	42,534	41,337	27.4	1,133,120	20,260	885	1,111,975	2.35	2,664,204
1970	43,082	42,249	26.7	1,127,100	19,398	1,074	1,106,628	2.85	3,214,710
1971	43,476	42,705	27.5	1,176,101	20,793	1,082	1,154,226	3.03	3,560,022
1972	46,866	45,683	27.8	1,270,608	22,569	1,116	1,246,923	4.37	5,550,074
1973	56,549	55,667	27.8	1,547,543	22,521	1,250	1,523,772	5.68	8,790,042
1974	52,479	51,341	23.7	1,216,287	<sup>2</sup> 25,317		1,190,970	6.64	8,075,943
1975	54,590	53,617	28.9	1,548,344	21,679		1,526,665	4.92	7,622,493
1976	50,269	49,401	26.1	1,288,608	23,894		1,264,714	6.81	8,775,761
1977	58,978	57,830	30.6	1,767,267	25,432		1,741,835	5.88	10,383,377
1978	64,708	63,663	29.4	1,868,754	25,657		1,843,097	6.66	12,449,679
1979	71,632	70,566	32.1	2,267,901	26,543		2,241,358	6.28	14,250,214
1980	70,037	67,856	26.4	1,792,062	( <sup>3</sup> )		( <sup>3</sup> )	7.57	13,559,595
1981 <sup>4</sup>	68,000	66,688	30.4	2,030,452	( <sup>3</sup> )		( <sup>3</sup> )	6.37	12,943,174

<sup>1</sup>Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>2</sup>Beginning 1974, not estimated separately.

<sup>3</sup>Series discontinued.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 177.—Soybeans: Stocks on and off farms, United States, 1965-82

Year	On farms				Off farms <sup>3</sup>			
	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Sept. 1 <sup>2</sup>	Jan. 1	Apr. 1	June 1 <sup>1</sup>	Sept. 1 <sup>2</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
1965	190,728	98,002	22,982	7,568	334,820	249,035	108,465	22,131
1966	284,312	149,747	19,155	4,412	334,554	225,888	114,867	31,227
1967	344,394	217,411	84,611	41,626	377,041	240,500	114,170	48,511
1968	350,816	235,842	120,602	60,709	432,333	301,182	164,389	105,618
1969	410,168	276,930	141,360	71,852	550,329	452,343	316,815	254,992
1970	372,069	209,236	78,711	40,580	683,425	525,001	324,676	189,256
1971	391,960	246,491	90,595	20,554	553,012	369,063	190,832	78,225
1972	397,631	218,618	58,440	11,779	491,387	333,677	174,394	60,183
1973	428,798	145,261	33,847	9,412	437,924	358,372	145,352	50,222
1974	607,233	331,211	150,738	64,414	552,756	405,943	190,865	106,337
1975	484,978	332,096	165,597	78,229	505,392	323,317	191,704	109,922
1976	590,926	411,535	254,029	86,159	665,689	456,283	300,938	158,781
1977	473,405	227,794	92,400	32,756	559,045	390,214	243,335	70,168
1978	674,550	394,405	207,541	59,132	652,400	455,448	298,815	102,044
1979	699,556	412,570	241,255	61,509	692,534	467,646	284,850	112,579
1980	892,934	602,779	396,650	128,888	877,896	580,322	378,152	229,880
1981	730,157	533,082	362,266	159,029	790,300	496,619	317,156	159,276
1982 <sup>4</sup>	901,145	591,073			743,188	459,371		

<sup>1</sup>Prior to 1976, estimates are for July 1.

<sup>2</sup>Old crop only.

<sup>3</sup>Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 178.—Soybeans: Supply and disappearance, United States, 1965-80

Year beginning September	Supply					
	Stocks by position				Production	Total
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	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>	
1965	7,568	22,132		29,700	845,608	875,308
1966	4,412	31,227		35,639	928,481	964,120
1967	41,626	48,511		90,137	976,439	1,066,576
1968	60,709	105,618	29	166,327	1,106,958	1,273,285
1969	71,852	254,992	5,326	326,844	1,133,120	1,459,964
1970	40,580	189,256	8,738	299,836	1,127,100	1,356,936
1971	20,554	78,223	2	98,779	1,176,101	1,274,880
1972	11,779	60,183		71,962	1,270,608	1,342,570
1973	9,412	50,222		59,634	1,547,543	1,607,177
1974	64,414	106,337		170,751	1,216,287	1,387,038
1975	78,229	109,922		188,151	1,548,349	1,736,495
1976	86,159	158,781		244,940	1,288,608	1,533,548
1977	32,756	70,168		102,924	1,767,267	1,870,191
1978	59,132	102,044		161,176	186,754	2,029,930
1979	61,509	112,579		174,088	2,267,901	2,441,989
1980	128,888	229,880		358,768	1,792,062	2,150,830
1981 <sup>2</sup>	159,029	159,276		318,305	2,030,452	2,348,757

  

Year beginning September	Disappearance				
	Seed <sup>3</sup>	Crushed <sup>4</sup>	Feed and residual <sup>3</sup>	Net exports <sup>5</sup>	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>
1965		537,476		250,590	
1966	47,110	559,403	5,879	261,591	873,983
1967	48,563	576,390	8,719	266,577	900,249
1968	47,302	605,920	6,443	286,776	946,441
1969	48,533	737,349	11,644	432,602	1,230,128
1970	48,105	760,129	16,122	433,801	1,258,157
1971	50,986	720,544	14,559	416,829	1,202,918
1972	60,755	721,800	20,940	479,441	1,282,936
1973	56,093	821,313	19,890	539,130	1,436,426
1974	57,226	701,262	19,697	420,702	1,198,887
1975	53,542	865,121	16,845	555,095	1,490,603
1976	65,000	790,204	10,308	564,063	1,429,575
1977		926,661	82,000	700,484	1,709,145
1978		1,017,820	99,000	739,154	1,855,974
1979		1,123,382	85,000	875,173	1,083,555
1980 <sup>2</sup>		1,020,493	89,000	724,295	1,833,788

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

<sup>3</sup> Seed, feed, and residual are combined, beginning 1977.

<sup>4</sup> Reported by the U.S. Department of Commerce.

<sup>5</sup> Imports negligible.

Economic Research Service.

FOOTNOTES FOR TABLE 180

<sup>1</sup> Preliminary.

<sup>2</sup> Exports only 1978 to date.

Economic Research Service. Data from the U.S. Department of Commerce.

Table 179.—Soybeans: Area, yield, and production, by States, 1979-81

State	Area planted			Soybeans for beans								
	1979	1980	1981 <sup>1</sup>	Area harvested			Yield per harvested acre			Production		
				1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bush-els	Bush-els	Bush-els	1,000 bushels	1,000 bushels	1,000 bushels
Ala.....	2,200	2,200	2,100	2,150	2,100	2,050	25.0	15.0	23.0	53,750	31,500	47,150
Ark.....	5,200	4,800	4,550	5,150	4,350	4,500	28.0	15.0	22.0	144,200	65,250	99,000
Del.....	280	265	265	275	260	260	30.0	20.0	27.0	8,250	5,200	7,020
Fla.....	460	475	475	453	460	460	29.0	22.0	24.0	13,137	10,120	11,040
Ga.....	2,150	2,450	2,300	2,100	2,140	2,180	28.0	11.0	19.0	58,800	23,540	41,420
Ill.....	9,800	9,300	9,400	9,720	9,250	9,330	39.0	33.5	38.0	379,080	309,875	354,540
Ind.....	4,500	4,400	4,650	4,420	4,380	4,600	36.0	36.0	33.0	159,120	157,680	151,800
Iowa.....	8,200	8,300	8,200	8,170	8,270	8,150	37.5	38.5	40.5	306,375	318,395	330,075
Kans.....	1,580	1,650	1,540	1,560	1,450	1,510	26.5	16.5	30.0	41,340	23,925	45,300
Ky.....	1,720	1,550	1,750	1,660	1,600	1,700	32.5	22.5	29.5	53,950	36,000	50,150
La.....	3,400	3,450	3,210	3,350	3,350	3,130	28.0	20.0	21.0	93,800	67,000	65,730
Md.....	410	400	375	405	390	370	30.0	24.0	30.0	12,150	9,360	11,100
Mich.....	1,020	960	980	1,010	950	970	30.0	32.0	30.0	30,300	30,400	29,100
Minn.....	5,150	4,800	4,500	5,080	4,760	4,400	32.0	31.5	33.0	162,560	149,940	145,200
Miss.....	4,200	4,000	3,700	4,100	3,850	3,600	29.0	16.0	21.0	118,900	61,600	75,600
Mo.....	5,900	5,700	5,180	5,830	5,530	5,050	31.5	24.5	31.5	183,645	135,485	159,075
Nebr.....	1,630	1,830	2,150	1,610	1,770	2,120	34.0	30.0	39.0	54,740	53,100	82,680
N.J.....	205	200	170	203	194	168	30.0	18.0	29.0	6,090	3,492	4,872
N.Y. <sup>2</sup>	26	20		25	19		26.0	24.0		650	456	
N.C.....	2,000	2,030	1,920	1,950	1,930	1,880	23.5	18.0	25.0	45,825	34,740	47,000
N. Dak.....	210	210	235	206	200	230	27.0	17.5	28.0	5,562	3,500	6,440
Ohio.....	4,100	3,800	3,550	4,080	3,760	3,500	35.5	36.0	28.5	144,840	135,360	99,750
Okla.....	390	350	280	360	300	270	23.0	10.0	24.0	8,280	3,000	6,480
Pa.....	101	112	105	98	103	100	32.0	24.5	31.0	3,136	2,524	3,100
S.C.....	1,700	1,700	1,600	1,660	1,600	1,550	24.0	13.0	21.0	39,840	20,800	32,550
S. Dak.....	700	780	780	685	770	770	33.0	26.0	30.0	22,605	20,020	23,100
Tenn.....	2,700	2,650	2,450	2,620	2,550	2,350	27.0	18.0	26.0	70,740	45,900	61,100
Tex.....	860	700	560	805	630	480	26.0	22.0	22.0	20,930	13,860	10,560
Va.....	540	620	645	536	610	635	28.5	15.0	27.0	15,276	9,150	17,145
Wis.....	300	335	380	295	330	375	34.0	33.0	33.0	10,030	10,890	12,375
U.S.....	71,632	70,037	68,000	70,566	67,856	66,688	32.1	26.4	30.4	2,267,901	1,792,062	2,030,452

<sup>1</sup> Preliminary.

<sup>2</sup> Estimates discontinued after 1980 crop.

Statistical Reporting Service.

Table 180.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1965-81

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 and shipments	Stocks Oct. 1	Production	Exports
	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	1,000 bush-els	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1965.....	141,237	144,717	138,699	117,730	542,383	297	5,800	948	106	12,901	2,604
1966.....	143,653	142,106	145,507	135,054	566,320	462	6,076	1,105	132	13,483	2,657
1967.....	152,600	148,090	140,960	130,777	572,427	596	6,032	993	138	13,660	2,899
1968.....	162,479	149,442	155,465	147,837	615,223	540	6,531	899	145	14,581	3,044
1969.....	186,968	184,637	193,571	177,961	743,137	415	7,904	1,449	157	17,596	4,035
1970.....	200,759	191,422	188,632	180,452	761,265	543	8,265	1,782	137	18,035	4,559
1971.....	183,334	187,975	178,657	168,297	718,263	773	7,992	1,440	146	17,024	3,805
1972.....	206,728	199,750	172,122	132,446	711,046	785	7,501	1,088	192	16,708	4,745
1973.....	207,370	220,861	210,723	194,517	833,471	516	8,995	1,461	183	19,674	5,548
1974.....	182,656	178,196	163,587	179,710	704,149	794	7,375	1,090	507	16,702	4,299
1975.....	220,260	222,106	231,457	203,666	877,489	561	9,630	1,034	358	20,754	5,145
1976.....	219,012	218,168	184,431	151,666	773,277	1,251	8,578	1,608	355	18,488	4,614
1977.....	247,701	247,190	235,108	216,180	946,179	767	10,288	2,137	228	22,317	6,080
1978.....	275,260	261,117	253,009	232,880	1,022,266	729	11,323	<sup>2</sup> 2,334	243	24,354	6,610
1979.....	301,607	308,887	268,460	250,147	1,129,101	776	12,105	2,690	267	27,105	7,932
1980.....	290,378	260,450	241,097	222,398	1,014,323	1,210	11,270	1,629	226	25,312	6,778
1981 <sup>1</sup>	304,502	266,749				1,736			163	25,200	7,500

See footnotes on page 130.

**Table 181.—Soybeans for beans: Production, disposition, and value, by States, crop of 1981 (preliminary)**

State	Production	Used on farms where produced	Sold	Season average price per bushel	Value of—	
					Production	Sales
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	1,000 dollars	1,000 dollars
Ala.....	471,150	( <sup>1</sup> )	( <sup>1</sup> )	6.25	294,688	( <sup>1</sup> )
Ark.....	99,000	( <sup>1</sup> )	( <sup>1</sup> )	6.50	643,500	( <sup>1</sup> )
Del.....	7,020	( <sup>1</sup> )	( <sup>1</sup> )	6.05	42,471	( <sup>1</sup> )
Fla.....	11,040	( <sup>1</sup> )	( <sup>1</sup> )	6.20	68,448	( <sup>1</sup> )
Ga.....	41,420	( <sup>1</sup> )	( <sup>1</sup> )	6.40	265,088	( <sup>1</sup> )
Ill.....	354,540	( <sup>1</sup> )	( <sup>1</sup> )	6.50	2,304,510	( <sup>1</sup> )
Ind.....	151,800	( <sup>1</sup> )	( <sup>1</sup> )	6.35	963,930	( <sup>1</sup> )
Iowa.....	330,075	( <sup>1</sup> )	( <sup>1</sup> )	6.35	2,095,976	( <sup>1</sup> )
Kans.....	45,300	( <sup>1</sup> )	( <sup>1</sup> )	6.10	276,330	( <sup>1</sup> )
Ky.....	50,150	( <sup>1</sup> )	( <sup>1</sup> )	6.70	336,005	( <sup>1</sup> )
La.....	65,730	( <sup>1</sup> )	( <sup>1</sup> )	6.55	430,532	( <sup>1</sup> )
Md.....	11,100	( <sup>1</sup> )	( <sup>1</sup> )	6.00	66,600	( <sup>1</sup> )
Mich.....	29,100	( <sup>1</sup> )	( <sup>1</sup> )	6.35	184,785	( <sup>1</sup> )
Minn.....	145,200	( <sup>1</sup> )	( <sup>1</sup> )	6.30	914,760	( <sup>1</sup> )
Miss.....	75,600	( <sup>1</sup> )	( <sup>1</sup> )	6.50	491,400	( <sup>1</sup> )
Mo.....	159,075	( <sup>1</sup> )	( <sup>1</sup> )	6.30	1,002,173	( <sup>1</sup> )
Nebr.....	82,680	( <sup>1</sup> )	( <sup>1</sup> )	6.15	508,482	( <sup>1</sup> )
N.J.....	4,872	( <sup>1</sup> )	( <sup>1</sup> )	6.10	29,719	( <sup>1</sup> )
N.C.....	47,000	( <sup>1</sup> )	( <sup>1</sup> )	6.35	298,450	( <sup>1</sup> )
N.Dak.....	6,440	( <sup>1</sup> )	( <sup>1</sup> )	6.00	38,640	( <sup>1</sup> )
Ohio.....	99,750	( <sup>1</sup> )	( <sup>1</sup> )	6.50	648,375	( <sup>1</sup> )
Okla.....	6,480	( <sup>1</sup> )	( <sup>1</sup> )	5.80	37,584	( <sup>1</sup> )
Pa.....	3,100	( <sup>1</sup> )	( <sup>1</sup> )	5.75	17,825	( <sup>1</sup> )
S.C.....	32,550	( <sup>1</sup> )	( <sup>1</sup> )	6.45	209,948	( <sup>1</sup> )
S.Dak.....	23,100	( <sup>1</sup> )	( <sup>1</sup> )	6.20	143,220	( <sup>1</sup> )
Tenn.....	61,100	( <sup>1</sup> )	( <sup>1</sup> )	6.25	381,875	( <sup>1</sup> )
Tex.....	10,560	( <sup>1</sup> )	( <sup>1</sup> )	6.00	63,360	( <sup>1</sup> )
Va.....	17,145	( <sup>1</sup> )	( <sup>1</sup> )	6.25	107,156	( <sup>1</sup> )
Wis.....	12,375	( <sup>1</sup> )	( <sup>1</sup> )	6.25	77,344	( <sup>1</sup> )
U.S.....	2,030,452	( <sup>1</sup> )	( <sup>1</sup> )	6.35	12,943,174	( <sup>1</sup> )

<sup>1</sup>Series discontinued.  
Statistical Reporting Service.

**Table 182.—Soybeans: Price-support operations, United States, 1965–82**

Year beginning October	Support price		Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC Sept. 30
	Per bushel	Percentage of parity <sup>1</sup>	Quantity	Percentage of production		
	Dollars	Percent	1,000 bushels	Percent		
1965.....	2.25	74	86,517	10.2	29	9
1966.....	2.50	78	153,521	16.5	26,421	7,340
1967.....	2.50	76	201,371	20.6	84,361	29,435
1968.....	2.50	74	340,271	30.8	170,102	171,423
1969.....	2.25	62	179,499	15.9	232	150,191
1970.....	2.25	60	146,420	13.0	37	2,500
1971.....	2.25	56	168,204	14.3	45	1
1972.....	2.25	54	90,555	7.1	7	
1973.....	2.25	45	124,177	8.0	4	
1974.....	2.25	37	34,554	2.8		
1975.....	( <sup>4</sup> )					
1976.....	2.50	34	22,471	1.7		
1977.....	3.50	46	97,548	5.5		
1978.....	4.50	51	64,173	3.4		
1979.....	4.50	45	122,084	5.4		
1980.....	5.02	43	133,209	7.4		
1981.....	5.02	40	<sup>5</sup> 230,000	11.3		
1982.....	<sup>5</sup> 5.02					

<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 through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup>Price support not authorized for the 1975 crop.

<sup>5</sup>Preliminary.

Agricultural Stabilization and Conservation Service.

Table 183.—Soybeans, soybean meal, and oil: Average price at specified markets, 1965-80

Year <sup>1</sup>	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur	Year <sup>1</sup>	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, fob Decatur	Soybean meal per short ton: 44 percent protein Decatur
	Dollars	Cents	Dollars		Dollars	Cents	Dollars
1965.....	2.97	11.9	81.46	1973.....	6.12	31.5	146.35
1966.....	2.93	10.1	78.83	1974.....	6.34	30.7	130.86
1967.....	2.69	8.4	76.93	1975.....	5.25	18.3	147.78
1968.....	2.63	8.4	74.12	1976.....	7.36	23.9	199.80
1969.....	2.61	11.2	78.45	1977.....	6.11	24.5	163.56
1970.....	3.05	12.8	78.51	1978.....	7.09	27.2	190.06
1971.....	3.29	11.3	90.20	1979.....	6.46	24.3	181.91
1972.....	6.27	16.5	228.99	1980.....	7.59	22.7	218.18

<sup>1</sup>Year beginning September for soybeans and October for oil and meal.  
Economic Research Service.

Table 184.—Soybeans: Area, yield, and production in specified countries and the world, 1978-79/1980-81<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	1978-79	1979-80	1980-81 <sup>3</sup>	1978-79	1979-80	1980-81 <sup>3</sup>	1978-79	1979-80	1980-81 <sup>3</sup>
	1,000 hect-ares	1,000 hect-ares	1,000 hect-ares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	285	283	283	1.81	2.37	2.51	516	671	713
United States <sup>4</sup> .....	25,764	28,557	27,461	1.96	2.16	1.78	50,859	61,722	48,772
Mexico.....	215	380	150	1.53	1.79	1.87	330	680	280
Total.....	26,264	29,220	27,894	1.97	2.16	1.78	51,705	63,073	49,765
<b>South America:</b>									
Argentina.....	1,600	2,030	1,740	2.31	1.80	2.01	3,700	3,650	3,500
Brazil.....	8,255	8,762	8,700	1.24	1.73	1.78	10,236	15,140	15,500
Colombia.....	71	79	44	2.06	1.96	2.02	146	155	89
Paraguay <sup>5</sup> .....	360	400	400	1.53	1.44	1.50	549	575	600
Total.....	10,286	11,271	10,884	1.42	1.73	1.81	14,631	19,520	19,689
<b>Europe:</b>									
Bulgaria.....	99	96	94	1.21	1.64	1.14	120	157	107
Romania.....	202	302	364	1.14	1.27	1.23	230	383	448
Yugoslavia.....	34	31	17	1.85	2.16	2.00	63	67	34
Total.....	335	429	475	1.23	1.41	1.24	413	607	589
<b>Soviet Union (Europe and Asia).....</b>									
	815	838	854	.778	.557	.615	634	467	525
<b>Africa:</b>									
Egypt.....	34	42	35	2.32	2.52	2.63	79	106	92
South Africa <sup>6,6</sup> .....	26	28	22	1.00	1.43	.743	26	40	26
Zimbabwe.....	45	51	38	1.87	1.92	1.79	84	98	68
Total.....	105	121	95	1.80	2.02	1.96	189	244	186
<b>Asia:</b>									
China.....	7,144	7,247	7,320	1.06	1.03	1.08	7,565	7,460	7,880
Taiwan.....	24	19	15	1.71	1.68	1.73	41	32	26
India.....	275	400	500	.800	.750	.900	220	300	450
Indonesia.....	784	726	750	.867	.884	.867	680	642	650
Japan <sup>7</sup> .....	127	130	142	1.50	1.48	1.23	190	192	174
Korea, Rep. of <sup>8</sup> .....	247	207	188	1.19	1.24	1.15	293	257	216
Philippines.....	8	10	13	.750	.900	.769	6	9	10
Thailand.....	140	135	140	.714	.756	.750	100	102	105
Total.....	8,749	8,874	9,068	1.04	1.01	1.05	9,095	8,994	9,511
<b>Other countries.....</b>									
	553	583	535	1.26	1.23	1.24	697	716	664
<b>World total<sup>7</sup>.....</b>	<b>47,107</b>	<b>51,336</b>	<b>49,805</b>	<b>1.64</b>	<b>1.82</b>	<b>1.62</b>	<b>77,364</b>	<b>93,621</b>	<b>80,929</b>

<sup>1</sup>Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year. <sup>2</sup>Harvested area as far as possible. <sup>3</sup>Preliminary. <sup>4</sup>Area harvested for beans. <sup>5</sup>Planted area. <sup>6</sup>European farms only. <sup>7</sup>Includes estimates for 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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 185.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1978-80<sup>1</sup>**

Continent and country of destination	Soybeans			Soybean oil <sup>2</sup>			Soybean oilseed cake and meal		
	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>	1978	1979	1980 <sup>2</sup>
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
<b>North America:</b>									
Barbados.....	21	0	0	546	958	840	5,240	9,975	1,256
Canada.....	352,918	391,985	345,291	20,890	14,801	7,823	415,036	355,869	331,240
Haiti.....	0	0	0	17,222	22,794	22,448	0	163	672
Jamaica.....	46,851	60,699	54,609	4,225	1,728	5,956	12,885	4,837	5,586
Mexico.....	584,605	781,284	963,599	5,118	31,427	21,562	91,160	147,682	177,129
Netherlands Antilles.....	0	0	5	1,281	1,908	1,828	547	1,331	2,663
Panama.....	0	0	0	18,951	17,869	14,659	8,478	11,126	14,625
<b>Total<sup>4</sup></b> .....	<b>1,001,268</b>	<b>1,279,629</b>	<b>1,429,089</b>	<b>115,481</b>	<b>132,684</b>	<b>121,164</b>	<b>640,249</b>	<b>676,251</b>	<b>697,039</b>
<b>South America:</b>									
Bolivia.....	0	16	0	935	1,201	524	0	0	0
Chile.....	0	0	0	22,819	13,237	22,759	2,499	0	0
Colombia.....	0	37,644	0	84,051	82,566	60,310	5,248	3,270	5
Ecuador.....	2,720	62	7,635	22,442	35,341	38,640	0	0	0
Peru.....	22,576	0	11	29,381	36,171	41,214	0	21,817	19,854
Surinam.....	0	0	35	26	38	133	45	45	6,369
Venezuela.....	55,730	47,583	66,344	12,692	9,902	53,425	244,351	328,851	373,591
<b>Total<sup>4</sup></b> .....	<b>159,630</b>	<b>152,104</b>	<b>151,525</b>	<b>175,852</b>	<b>254,629</b>	<b>219,741</b>	<b>257,143</b>	<b>358,915</b>	<b>408,535</b>
<b>Europe:</b>									
Belgium and Luxembourg.....	420,208	584,489	669,537	3	34	6	3,817	13,336	48,934
Czechoslovakia.....	0	1,524	1,270	0	0	0	174,487	213,511	60,321
Denmark.....	341,183	342,261	156,304	5	1	1	65,632	48,467	101
France.....	674,603	799,274	493,289	3,569	2,940	0	355,096	270,214	7,958
Germany, Fed. Rep. of.....	1,485,772	1,318,241	1,790,740	33	103	86	717,575	1,012,670	710,270
Greece.....	110,626	162,625	180,010	0	17	0	37,366	2,523	973
Iceland.....	0	0	0	42	27	0	0	0	0
Ireland.....	0	0	0	5	0	0	117,931	74,099	500
Italy.....	858,497	1,005,153	832,317	0	1	9	691,069	855,716	684,339
Netherlands.....	4,011,594	6,035,390	3,839,139	2	6,903	2,577	748,061	1,490,036	1,501,583
Norway.....	254,109	297,647	234,381	0	0	18	0	0	272
Poland.....	73,725	320,793	156,608	23,792	3,597	15,231	243,043	399,950	312,340
Spain.....	1,474,921	2,203,452	1,382,927	0	1	2	253,542	58,026	21,623
Sweden.....	0	0	0	89	248	58	4,886	0	20
Switzerland.....	90,587	29,123	41,306	0	24	350	25,505	41,220	36,960
United Kingdom.....	670,184	473,709	391,940	9	41	35	66,762	68,995	56,855
Yugoslavia.....	266,171	201,464	226,130	0	0	26,648	57,887	152,943	191,381
<b>Total<sup>4</sup></b> .....	<b>11,109,761</b>	<b>14,222,279</b>	<b>10,694,678</b>	<b>27,553</b>	<b>13,937</b>	<b>45,021</b>	<b>4,543,513</b>	<b>5,633,392</b>	<b>4,752,635</b>
<b>Soviet Union.....</b>	<b>1,177,519</b>	<b>812,527</b>	<b>0</b>	<b>0</b>	<b>24,696</b>	<b>0</b>	<b>26,979</b>	<b>0</b>	<b>0</b>
<b>Africa:</b>									
Algeria.....	0	0	0	155	0	0	0	8,499	7,999
Morocco.....	0	23,110	14,749	5,992	2,257	4,995	0	0	0
South Africa.....	0	0	141	813	1,815	2,261	76	197	144
Egypt.....	19,544	15,216	18,700	13,886	5,964	3,389	0	0	0
<b>Total<sup>4</sup></b> .....	<b>19,544</b>	<b>56,299</b>	<b>33,590</b>	<b>57,669</b>	<b>52,117</b>	<b>56,298</b>	<b>9,704</b>	<b>11,434</b>	<b>19,104</b>
<b>Asia:</b>									
Taiwan.....	1,270,527	779,759	1,063,341	0	37	10	0	10,496	386
India.....	0	0	0	181,082	427,669	61,815	0	0	0
Israel.....	312,602	311,532	276,608	9,812	9,570	5,186	0	0	50
Japan.....	3,864,830	3,868,337	3,815,793	78	150	5,820	204,470	209,979	153,683
Korea, Rep. of.....	432,647	447,556	508,424	11	41	90	92,897	0	16,611
Pakistan.....	0	17	0	163,319	147,422	125,727	0	0	0
Philippines.....	19,122	24,823	16,003	5,875	3,200	4,835	25	41,149	0
Turkey.....	0	0	0	0	0	0	0	0	0
<b>Total<sup>4</sup></b> .....	<b>6,183,501</b>	<b>6,565,467</b>	<b>6,516,924</b>	<b>657,929</b>	<b>718,461</b>	<b>270,453</b>	<b>514,499</b>	<b>476,395</b>	<b>254,468</b>
<b>Oceania:</b>									
Australia.....	151	18,101	36,129	16,205	16,368	16,480	4,240	17,681	4,965
New Zealand.....	0	0	0	5,236	7,347	9,570	536	406	2,711
<b>Total.....</b>	<b>152</b>	<b>18,103</b>	<b>36,256</b>	<b>24,442</b>	<b>23,728</b>	<b>26,061</b>	<b>5,171</b>	<b>18,153</b>	<b>7,730</b>
<b>Grand total<sup>5</sup></b> .....	<b>*20,117,499</b>	<b>*23,818,336</b>	<b>*19,712,083</b>	<b>1,058,928</b>	<b>1,220,254</b>	<b>738,738</b>	<b>5,997,259</b>	<b>7,174,542</b>	<b>6,139,508</b>

See footnotes on page 138.

Table 186.—Sunflowers: Area, yield, production, and value, United States, 1962-81 <sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962.....	13	12.5	980	12,250	5.50	674
1963.....	31	30	970	29,100	4.35	1,266
1964.....	41.5	40	644	25,760	4.12	1,061
1965.....	49.5	46	827	38,050	4.87	1,852
1966.....	76	73	894	65,240	5.63	3,673
1967.....	221	216	1,037	223,960	4.82	10,804
1968.....	156	151	1,031	155,670	4.30	6,699
1969.....	195	185	927	171,430	4.59	7,870
1970.....	219	207	902	186,670	4.91	9,157
1971.....	405	392	1,050	411,680	5.09	20,973
1972.....	719	692	916	633,560	4.86	30,768
1973.....	678	666	1,080	719,070	8.52	61,243
1974.....	572	548	957	524,705	15.90	83,219
1975.....	787	709	1,109	786,010	10.80	84,962
1976.....	834	810	1,058	857,100	11.00	94,229
1977.....	2,321	2,205	1,252	2,760,470	10.20	280,428
1978.....	2,840	2,798	1,365	3,817,920	10.70	409,923
1979.....	5,555	5,410	1,349	7,296,110	9.05	659,962
1980.....	3,910	3,683	1,016	3,741,640	11.10	413,907
1981 <sup>2</sup> .....	3,865	3,811	1,177	4,487,410	11.00	492,492

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota, except 1962-63 North Dakota only.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 187.—Sunflowers, Oil Varieties: Area, yield, production, and value, United States, 1967-81 <sup>1</sup>

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1967.....	95.8	92.8	1,096	101,735	4.65	4,730
1968.....	54	52.8	1,112	58,710	3.79	2,224
1969.....	55.2	52	1,087	56,500	3.93	2,223
1970.....	77	73	945	69,000	4.13	2,850
1971.....	164	159	1,108	176,220	4.49	7,907
1972.....	510	493	939	463,010	4.70	21,779
1973.....	495	486	1,138	553,200	8.06	44,567
1974.....	321	309	1,010	312,025	16.70	51,976
1975.....	573	523	1,117	584,000	10.50	61,137
1976.....	616	600	1,072	643,200	10.70	68,796
1977.....	2,075	1,965	1,258	2,472,120	10.10	249,348
1978.....	2,598	2,559	1,369	3,503,520	10.70	375,975
1979.....	5,331	5,191	1,350	7,008,550	8.93	625,912
1980.....	3,649	3,442	1,019	3,508,710	10.90	383,339
1981 <sup>2</sup> .....	3,545	3,496	1,178	4,118,570	10.70	441,458

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 188.—Sunflowers, Non-Oil Varieties: Area, yield, production, and value, United States, 1967-80<sup>1</sup>

Year	Area		Yield per		Production	Price per cwt.	Value of production
	planted	harvested	harvested	acre			
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Dollars	1,000 dollars	
1967.....	125.2	123.2	992	122,225	4.97	6,074	
1968.....	102	98.2	987	96,960	4.62	4,475	
1969.....	139.8	133	864	114,930	4.91	5,647	
1970.....	142	134	878	117,670	5.36	6,307	
1971.....	241	233	1,011	235,460	5.55	13,068	
1972.....	209	199	857	170,550	5.27	8,989	
1973.....	183	180	922	165,870	8.20	13,609	
1974.....	251	239	890	212,680	14.70	31,243	
1975.....	214	186	1,086	202,010	11.80	23,825	
1976.....	218	210	1,019	213,900	11.90	25,433	
1977.....	246	240	1,201	288,350	10.80	31,080	
1978.....	242	239	1,315	314,400	10.80	33,948	
1979.....	224	219	1,313	287,560	11.80	34,050	
1980.....	261	241	967	232,930	13.10	30,568	
1981 <sup>2</sup> .....	320	315	1,171	368,840	13.80	51,034	

<sup>1</sup> Minnesota, North Dakota, South Dakota, and Texas; prior to 1977, Minnesota and North Dakota.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 189.—Sunflowers: Area, yield, production, and value, by States, 1980-81

State	Area planted		Area harvested		Yield per harvested acre		Production		Season average price per cwt.		Value of production	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	1,000 pounds	1,000 pounds	Dollars	Dollars	1,000 dollars	1,000 dollars
<b>Oil Varieties:</b>												
Minn.....	860	650	835	631	1,190	1,170	993,650	738,270	11.00	11.00	109,302	81,210
N. Dak.....	2,200	2,420	2,050	2,400	980	1,200	2,009,000	2,880,000	10.80	10.80	216,972	311,040
S. Dak.....	524	448	499	440	920	1,070	459,080	470,800	11.10	9.70	50,958	45,668
Tex.....	65	27	58	25	810	1,180	46,980	29,500	13.00	12.00	6,107	3,540
U.S.....	3,649	3,545	3,442	3,496	1,019	1,178	3,508,710	4,118,570	10.90	10.70	383,339	441,458
<b>Non-Oil Varieties:</b>												
Minn.....	60	85	55	82	1,090	1,040	59,950	85,280	12.90	13.70	7,734	11,683
N. Dak.....	200	230	185	228	930	1,220	172,050	278,160	13.20	13.80	22,711	38,386
S. Dak.....	1	2	1	2	930	900	930	1,800	13.20	13.60	123	245
Tex.....	0	3	0	3	0	1,200	0	3,600	20.00	.....	.....	720
U.S.....	261	320	241	315	967	1,171	232,930	368,840	13.10	13.80	30,568	51,034
<b>Total:</b>												
Minn.....	920	735	890	713	1,184	1,155	1,053,600	823,550	11.10	11.30	117,036	92,893
N. Dak.....	2,400	2,650	2,235	2,628	976	1,202	2,181,050	3,158,160	11.00	11.10	239,683	349,426
S. Dak.....	525	450	500	442	920	1,069	460,010	472,600	11.10	9.71	51,081	45,913
Tex.....	65	30	58	28	810	1,182	46,980	33,100	13.00	12.90	6,107	4,260
U.S.....	3,910	3,865	3,683	3,811	1,016	1,177	3,741,640	4,487,410	11.10	11.00	413,907	492,492

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 190.—Peppermint oil: Area, yield, production, and value, United States, 1962-81

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962.....	42.0	41.7	57	2,382	5.04	12,010
1963.....	43.8	43.4	55	2,387	4.74	11,305
1964.....	46.1	45.8	56	2,552	4.64	11,836
1965.....	46.8	43.7	61	2,667	5.46	14,575
1966.....	59.2	58.3	56	3,291	5.56	18,300
1967.....	65.7	64.8	71	4,599	5.55	25,518
1968.....	75.5	74.6	55	4,137	5.17	21,387
1969.....	81.2	80.4	59	4,750	4.83	22,948
1970.....	79.0	78.4	64	5,007	3.68	18,438
1971.....	65.5	64.7	58	3,746	4.10	15,377
1972.....	61.4	57.1	53	3,004	5.25	15,765
1973.....	59.6	58.7	54	3,173	7.89	25,036
1974.....	61.8	61.0	54	3,302	13.80	45,696
1975.....	( <sup>1</sup> )	68.1	55	3,753	12.60	47,120
1976.....		72.2	51	3,700	14.80	54,702
1977.....		86.9	51	4,409	14.30	63,209
1978.....		100.0	56	5,557	10.60	59,081
1979.....		90.9	52	4,713	9.91	46,724
1980.....		81.3	57	4,611	9.40	43,355
1981 <sup>2</sup> .....		69.5	60	4,191	9.41	39,428

<sup>1</sup> Estimates discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 191.—Spearmint oil: Area, yield, production, and value, United States, 1962-81

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1962.....	21.2	21.1	53	1,123	2.83	3,183
1963.....	13.0	12.4	57	707	3.06	2,166
1964.....	9.7	9.5	51	489	3.68	1,799
1965.....	10.8	10.4	55	570	4.99	2,847
1966.....	16.8	16.6	63	1,050	5.73	6,012
1967.....	21.3	21.1	77	1,632	5.50	8,971
1968.....	24.8	24.3	58	1,414	5.70	8,059
1969.....	33.8	33.3	59	1,980	5.12	10,134
1970.....	33.2	32.6	65	2,126	4.64	9,875
1971.....	31.5	30.9	65	2,008	4.18	8,403
1972.....	25.6	24.6	61	1,511	5.14	7,766
1973.....	25.4	25.0	54	35	8.22	11,104
1974.....	26.9	26.4	55	1,463	10.70	15,666
1975.....	( <sup>1</sup> )	28.0	64	1,778	10.40	18,461
1976.....		29.0	58	1,686	12.30	20,778
1977.....		37.1	63	2,329	12.40	28,947
1978.....		46.1	70	3,244	7.46	24,200
1979.....		33.1	58	1,921	8.72	16,757
1980.....		31.3	68	2,139	9.61	20,554
1981 <sup>2</sup> .....		29.0	73	2,129	9.49	20,195

<sup>1</sup> Estimates discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 192—Mint Oil: Production and value, by States, 1979-81

State	Production			Price per pound			Value of production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</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>
Peppermint:									
Idaho.....	502	564	488	8.65	8.15	8.00	4,342	4,597	3,904
Ind.....	302	331	331	14.00	14.00	14.10	4,228	4,634	4,667
Oreg.....	2,754	2,700	2,470	9.50	9.00	8.80	26,163	24,300	21,736
Wash.....	840	800	647	9.10	8.50	8.50	7,644	6,800	5,500
Wis.....	315	216	255	13.80	14.00	14.20	4,347	3,024	3,621
U.S.....	4,713	4,611	4,191	9.91	9.40	9.41	46,724	43,355	39,428
Spearmint:									
Idaho.....	248	233	177	8.00	10.20	11.20	1,984	2,377	1,982
Ind.....	186	143	136	11.50	12.60	14.60	2,139	1,802	1,986
Mich.....	118	107	118	13.00	13.70	15.50	1,584	1,466	1,829
Oreg <sup>2</sup> .....			150			11.50			1,725
Wash.....	1,184	1,504	1,411	8.00	8.70	7.70	9,472	13,085	10,865
Wis.....	185	152	137	8.80	12.00	13.20	1,628	1,824	1,808
U.S.....	1,921	2,139	2,129	8.72	9.61	9.49	16,757	20,554	20,195

<sup>1</sup> Preliminary.<sup>2</sup> Estimates begin with 1981 crop.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 185

<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 Bureau of the Census.<sup>4</sup> Includes quantities exported to countries not shown.<sup>5</sup> Total may not add due to rounding.<sup>6</sup> Includes 598,426 metric tons, 466,122 metric tons, 721,930 metric tons and 850,024 metric tons transshipped via Canada to unidentified countries 1978, 1979, and 1980 respectively.

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

Table 193.—Olive oil:<sup>1</sup> Production in specified countries and the world, 1978-81

Country	1978	1979	1980	1981 <sup>2</sup>	Country	1978	1979	1980	1981 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
Europe:					Turkey .....	60	160	52	165
France .....	2	1	2	2	Total .....	110	239	104	256
Greece .....	234	240	256	321	Africa:				
Italy .....	688	419	475	686	Algeria .....	5	14	10	18
Portugal .....	30	40	57	35	Morocco .....	15	15	30	15
Spain .....	361	500	433	446	Tunisia .....	130	83	85	120
Yugoslavia .....	2	2	2	2	Libya .....	4	5	4	8
Total .....	1,317	1,202	1,225	1,492	Total .....	154	117	129	161
Middle East:					Argentina .....	10	14	11	13
Israel .....	4	0	5	4	Other countries .....	3	5	4	3
Jordan .....	2	7	1	10	World total .....	1,594	1,577	1,473	1,925
Syria .....	38	66	43	70					
Lebanon .....	6	6	3	7					

<sup>1</sup> Production in marketing year beginning Nov. 1; excludes residue oil.<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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 194.—Margarine, actual weight: Supply and disposition, United States, 1965-81

Year	Supply			Disposition		
	Production	Stocks, Jan. 1	Total supply	Exports and shipments	Domestic disappearance	
					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>
1965 .....	1,904	48	1,952	8	1,891	9.9
1966 .....	2,110	42	2,152	14	2,038	10.4
1967 .....	2,114	53	2,167	15	2,046	10.3
1968 .....	2,141	60	2,201	10	2,130	10.6
1969 .....	2,182	49	2,231	12	2,154	10.6
1970 .....	2,230	52	2,282	13	2,223	10.8
1971 .....	2,290	46	2,336	13	2,264	10.9
1972 .....	2,364	57	2,421	13	2,339	11.1
1973 .....	2,359	69	2,428	13	2,354	11.1
1974 .....	2,398	61	2,459	15	2,380	11.1
1975 .....	2,399	64	2,463	17	2,386	11.0
1976 .....	2,628	60	2,688	20	2,601	11.9
1977 .....	2,535	67	2,602	20	2,502	11.4
1978 .....	2,520	80	2,600	31	2,499	11.2
1979 .....	2,553	70	2,623	25	2,517	11.2
1980 .....	2,593	81	2,674	24	2,576	11.3
1981 <sup>2</sup> .....	2,577	74	2,651	17	2,573	11.2

<sup>1</sup> After 1980 includes exports only.<sup>2</sup> Preliminary.

Economic Research Service. Totals and per capita estimates computed from unrounded numbers.

Table 195.—Margarine: Selected reported fats and oils used in manufacture, United States 1965-81

Year	Vegetable oils			Animal fats <sup>1</sup>	Total <sup>2</sup>
	Soybean oil	Cottonseed oil	Corn oil		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965	1,112	114	161	114	1,535
1966	1,294	106	157	87	1,710
1967	1,249	78	176	135	1,703
1968	1,240	70	179	168	1,720
1969	1,332	76	172	99	1,744
1970	1,410	68	185	99	1,742
1971	1,385	63	186	169	1,831
1972	1,461	65	194	138	1,885
1973	1,491	63	213	80	1,889
1974	1,457	58	188	167	1,905
1975	1,568	46	188	52	2,091
1976	1,671	51	218	44	2,094
1977	1,585	44	243	80	2,026
1978	1,593	42	211	74	1,997
1979	1,643	25	222	86	2,016
1980	1,651	25	222	104	2,036
1981	1,685	25	213	78	2,017

<sup>1</sup> Lard and edible tallow.<sup>2</sup> Includes small quantities of nuts, coconut and palm and sunflower oil.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 196.—Shortening: Supply and disposition, United States 1966-81

Year	Supply			Disposition		
	Factory and warehouse stocks, Jan. 1	Production	Total supply	Exports	Domestic disappearance	
					Total	Per capita
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	
1966	117	3,181	3,298	30	3,149	16.0
1967	119	3,226	3,345	23	3,183	16.0
1968	139	3,312	3,451	34	3,274	16.3
1969	143	3,481	3,624	23	3,462	17.1
1970	139	3,588	3,727	25	3,569	17.4
1971	133	3,515	3,648	20	3,500	16.9
1972	128	3,731	3,859	24	3,708	17.8
1973	127	3,636	3,763	25	3,623	17.1
1974	115	3,703	3,818	53	3,631	17.0
1975	134	3,713	3,847	43	3,679	17.0
1976	125	3,929	4,054	51	3,875	17.8
1977	128	3,841	3,969	46	3,810	17.3
1978	113	4,015	4,128	34	3,987	17.9
1979	107	4,206	4,313	25	4,288	19.0
1980	132	4,178	4,310	29	4,150	18.2
1981 <sup>1</sup>	131	4,291	4,422	40	4,262	18.5

<sup>1</sup> Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 197.—Shortening: Fats and oils used in manufacture, United States, 1965-81

Year	Vegetable oils							Animal fats		Total primary and secondary fats and oils <sup>1</sup>
	Cottonseed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Palm oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965.....	403	1,471	20	(?)	(?)	13	6	456	388	2,768
1966.....	370	1,734	38	(?)	(?)	38	8	491	491	3,192
1967.....	273	1,741	40	(?)	(?)	61	10	576	506	3,243
1968.....	248	1,842	41	(?)	(?)	72	4	601	487	3,326
1969.....	248	2,101	47	(?)	(?)	110	13	475	483	3,505
1970.....	276	2,182	45	(?)	(?)	n.a.	7	430	522	3,599
1971.....	168	2,047	56	(?)	(?)	140	11	520	517	3,537
1972.....	168	2,043	77	(?)	(?)	205	20	432	495	4,091
1973.....	199	2,268	86	(?)	(?)	184	29	341	442	3,696
1974.....	194	2,177	61	(?)	(?)	604	35	317	501	3,725
1975.....	154	2,025	106	(?)	(?)	304	69	165	458	3,728
1976.....	128	2,323	128	(?)	(?)	532	8	156	453	3,938
1977.....	160	2,279	78	(?)	(?)	371	9	185	548	3,855
1978.....	189	2,479	75	(?)	(?)	266	4	220	765	4,095
1979.....	169	2,680	93	(?)	(?)	222	3	316	713	4,213
1980.....	189	2,660	103	(?)	(?)	188	(?)	378	673	4,200
1981 <sup>4</sup> .....	136	2,767	125	(?)	(?)	217	(?)	315	724	4,304

<sup>1</sup>Includes small quantities of corn, peanut, safflower, and sunflower oil.<sup>2</sup>Not included to avoid disclosure.\*Not available. <sup>4</sup>Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 198.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1965-81

Year	Supply					Disposition			Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Production	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Use in feed	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1965.....	366	4,303	2	4,671	2,126	2,210	651	717	7.2
1966.....	414	4,467	1	4,882	1,972	2,464	667	893	6.5
1967.....	447	4,753	6	5,206	2,221	2,402	643	972	4.6
1968.....	425	4,745	6	5,170	2,236	2,478	639	1,011	4.2
1969.....	358	4,655	6	5,019	1,985	2,595	635	1,078	6.0
1970.....	348	4,877	7	5,232	2,241	2,554	602	1,098	7.1
1971.....	396	4,968	5	5,369	2,606	2,623	588	1,143	6.6
1972.....	380	4,834	2	5,216	2,349	2,762	640	1,111	6.0
1973.....	341	5,237	10	5,588	2,297	2,540	566	955	12.4
1974.....	356	5,527	12	5,895	2,620	3,029	632	1,148	15.3
1975.....	380	4,655	15	5,050	2,009	2,908	662	1,283	12.0
1976.....	277	5,675	9	5,961	2,331	3,367	764	1,464	13.2
1977.....	355	6,106	4	6,465	2,885	3,180	737	1,330	13.6
1978.....	344	5,815	3	6,162	2,698	3,220	695	1,390	16.0
1979.....	347	5,836		6,183	2,795	3,117	663	1,239	18.8
1980.....	390	5,782		6,172	3,264	2,963	702	1,246	14.3
1981.....	413	5,910		6,323	2,868	2,965	598	1,324	15.3

Economic Research Service.

Table 199.—Fats, oils, and oilseeds (fat or oil equivalent): World production and exports, 1978-79/1981-82

Commodity	World production <sup>1</sup>				World exports		
	1978-79	1979-80	1980-81	1981-82 <sup>2</sup>	1978	1979	1980 <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
<b>Edible vegetable oils:</b>							
Cottonseed.....	3,006	3,209	3,213	3,506	415	374	449
Peanut.....	3,314	3,083	2,802	3,154	694	765	668
Soybean.....	11,693	14,376	12,172	13,154	5,668	6,106	6,590
Sunflower.....	4,706	5,577	4,763	5,075	1,294	1,231	1,525
Rapeseed.....	3,658	3,420	3,863	4,115	937	1,262	1,067
Sesame.....	657	610	589	651	94	90	105
Safflower.....	326	357	292	242	20	19	7
Olive <sup>3</sup> .....	1,577	1,473	1,925	1,269	138	120	118
Corn.....	466	512	518	525	102	131	143
<b>Total.....</b>	<b>29,403</b>	<b>32,617</b>	<b>30,137</b>	<b>31,691<sup>4</sup></b>	<b>9,362</b>	<b>10,098</b>	<b>10,672</b>
<b>Palm oils:<sup>5</sup></b>							
Coconut.....	2,934	3,028	3,283	3,238	1,560	1,282	1,399
Palm kernel.....	626	677	696	735	317	397	432
Palm.....	4,218	4,702	5,041	5,414	2,065	2,453	2,870
Babassu kernel <sup>6</sup> .....	145	128	130	130	9	20	3
<b>Total.....</b>	<b>7,923</b>	<b>8,535</b>	<b>9,150</b>	<b>9,517</b>	<b>3,951</b>	<b>4,152</b>	<b>4,704</b>
<b>Industrial oils:</b>							
Linseed.....	736	808	643	622	522	379	442
Castor.....	392	375	349	393	222	238	169
Oiticica.....	14	14	14	14	10	1	5
Tung.....	101	100	90	90	34	40	38
Olive residue <sup>7</sup> .....	146	134	179	136	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
<b>Total.....</b>	<b>1,389</b>	<b>1,431</b>	<b>1,275</b>	<b>1,245</b>	<b>788</b>	<b>658</b>	<b>654</b>
<b>Animal fats:</b>							
Butter (fat content).....	4,987	4,989	4,927	4,962	841	1,042	1,154
Lard <sup>9</sup> .....	3,941	3,962	3,827	3,804	542	513	510
Tallow and grease <sup>10</sup> .....	5,814	6,063	6,047	6,038	1,953	2,241	2,450
<b>Total.....</b>	<b>14,742</b>	<b>15,014</b>	<b>14,801</b>	<b>14,804</b>	<b>3,336</b>	<b>3,796</b>	<b>4,114</b>
<b>Marine oils:</b>							
Whale.....	10	10	10	10	5	7	9
Sperm whale.....	58	58	58	58	16	12	4
Fish (including liver) <sup>11</sup> .....	1,181	1,249	1,184	1,166	709	795	772
<b>Total.....</b>	<b>1,249</b>	<b>1,317</b>	<b>1,252</b>	<b>1,234</b>	<b>730</b>	<b>814</b>	<b>785</b>
<b>Total all commodities.....</b>	<b>54,706</b>	<b>58,914</b>	<b>56,615</b>	<b>58,491</b>	<b>18,167</b>	<b>19,518</b>	<b>20,929</b>

<sup>1</sup>Split year includes Northern Hemisphere crop harvested in the late months of the first year shown combined with Southern Hemisphere and certain Northern Hemisphere crops harvested in the early months of the following year.

<sup>2</sup>Preliminary.

<sup>3</sup>Excludes olive residue oil.

<sup>4</sup>Net exports.

<sup>5</sup>Production estimated on the basis of exports and information available on consumption in the various producing areas.

<sup>6</sup>Mill production only.

<sup>7</sup>Includes quantities of refined oil for edible purposes.

<sup>8</sup>Not separately classified.

<sup>9</sup>Production relates to rendered lard only in most countries.

<sup>10</sup>Export series revised; figures include edible and inedible tallow and grease. Excludes animal oils.

<sup>11</sup>Export series includes hardened fish oil for a major exporter.

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

Table 200.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1965-81

Year beginning January	Lard	Inedible animal tallow, greases, and oils <sup>1</sup>	Oilseeds and nuts				
			Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965.....	56,889	838,304	4,813	99,689	1,776	76,951	6,179,558
1966.....	71,496	894,500	8,708	169,237	1,083	59,458	6,751,382
1967.....	85,539	1,007,325	4,161	153,151	335	80,396	7,169,055
1968.....	79,501	1,013,317	3,099	258,520	146	56,964	8,014,378
1969.....	118,775	859,441	6,639	207,536	363	28,256	8,468,920
1970.....	165,980	1,016,407	22,084	74,330	1,125	54,099	11,954,519
1971.....	128,044	1,182,051	32,716	10,731	3,522	109,200	11,538,463
1972.....	74,565	1,065,650	3,089	268,168	15,408	181,055	11,995,712
1973.....	51,414	1,041,934	11,952	10,627	11,018	183,393	13,220,591
1974.....	73,204	1,188,267	44,277	9,296	24,060	240,307	13,939,781
1975.....	39,791	911,255	6,770	27,138	11,907	235,059	12,496,246
1976.....	81,900	1,057,206	64,810	10,401	7,393	128,931	15,332,100
1977.....	82,568	1,308,793	14,727	23,812	14,778	299,331	16,195,496
1978.....	54,237	1,218,743	42,908	2,392	40,117	354,736	20,704,536
1979.....	43,507	1,262,858	7,473	3,590	38,053	347,699	20,890,129
1980.....	41,914	1,484,311	189,057	3,912	24,558	297,679	21,778,536
1981 <sup>2</sup> .....	67,901	1,438,017	25,479	534	21,337	140,963	21,830,405

  

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cottonseed oil <sup>3</sup>	Linseed oil	Margarine	Peanut oil	Soybean oil <sup>3</sup>	Soybean	Other
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965.....	76	1,105	256,000	18,931	1,330	27,726	468,700	1,968,788	245,523
1966.....	183	2,414	54,745	57,200	1,998	4,047	393,776	2,271,260	193,852
1967.....	125	1,882	33,521	20,577	2,255	2,695	514,671	2,464,990	123,788
1968.....	147	2,061	27,013	49,797	1,408	1,395	434,206	2,698,022	149,152
1969.....	217	2,541	118,251	17,398	1,713	15,206	403,068	2,995,703	141,688
1970.....	1,139	4,339	169,588	21,895	1,955	14,529	681,182	3,660,321	136,924
1971.....	937	6,658	181,783	21,133	1,374	38,572	242,976	4,086,365	198,674
1972.....	834	4,364	215,780	84,814	1,723	27,533	594,562	3,615,238	233,945
1973.....	1,154	4,611	247,675	96,442	1,426	47,029	438,827	4,414,665	342,274
1974.....	834	2,754	276,673	52,940	1,884	20,786	762,094	4,909,653	241,131
1975.....	405	2,570	297,861	39,542	2,152	12,154	356,338	3,782,761	165,672
1976.....	443	19,890	236,293	9,477	2,893	47,821	510,007	4,862,126	179,298
1977.....	1,130	7,342	331,758	11,570	3,063	45,065	773,791	4,133,659	159,011
1978.....	240	5,230	330,765	24,687	3,430	40,339	929,282	5,914,130	338,577
1979.....	233	4,396	287,130	11,379	3,367	4,870	1,129,334	6,087,713	354,375
1980.....	441	4,863	356,276	24,846	3,647	18,102	1,096,080	7,053,989	373,002
1981 <sup>2</sup> .....	592	11,362	318,564	31,301	7,509	19,752	817,857	6,344,614	466,625

<sup>1</sup> Includes tallow and grease (except wool grease) and choice white grease, lard and tallow oil; lard, oleo, and tallow stearine; unrendered animal fats, and animal fats and oils, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes shipments under P.L. 480 as reported by the Bureau of the Census.

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments.

Table 201.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1965-81

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled <sup>1</sup>	Poppy seed
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965.....	513	278,933	36	446	105	2,824
1966.....	857	243,293	0	706	337	3,108
1967.....	9	276,646	67	775	204	3,023
1968.....	4	291,836	17	357	377	3,662
1969.....	6	272,215	11	64	145	2,461
1970.....	3	197,631	35	127	98	2,990
1971.....	5	190,351	1,876	746	86	2,287
1972.....	5	208,980	11	825	448	3,511
1973.....	4	198,566	134	17	205	2,451
1974.....	4	26,623	13,123	70	175	1,856
1975.....	5	0	3,497	10	241	7,002
1976.....	3	0	32,921	210	69	2,539
1977.....	0	2	38,216	199	49	4,172
1978.....	0	4	28,408	168	64	2,685
1979.....	3	419	54,325	168	47	2,364
1980.....	3	0	30,808	362	80	2,661
1981 <sup>2</sup> .....	0	0	118,063	1,389	137,834	2,842

  

Year beginning January	Oilseeds—continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965.....	555	11,563	6	7,935	58,730	180,021	19
1966.....	280	12,792	15	9,631	47,229	226,212	15
1967.....	354	16,263	24	10,507	44,062	228,522	5
1968.....	955	15,419	7	9,051	48,086	197,027	7
1969.....	630	17,608	4	6,557	64,437	193,902	2
1970.....	240	19,351	28	15,343	48,293	269,753	1
1971.....	206	20,612	25	15,637	34,689	285,148	14
1972.....	524	21,419	61	20,980	44,240	307,073	1
1973.....	15	23,952	310	15,198	45,962	326,703	155
1974.....	59	25,973	34	16,688	55,665	245,969	17
1975.....	4,625	20,248	41	15,515	31,130	394,207	39
1976.....	2,412	28,649	54	23,083	53,613	552,007	3
1977.....	205	28,357	105	17,730	50,452	456,639	19
1978.....	415	32,000	69	24,638	51,947	463,803	15
1979.....	509	32,099	269	30,839	48,676	444,432	9
1980.....	266	31,571	6,000	34,658	42,732	403,388	7
1981 <sup>2</sup> .....	265	37,954	8,498	43,197	40,389	470,330	0

  

Year beginning January	Vegetable oils—Continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965.....	20,607	2,974	37,693	1	1,992	10,544	40,218
1966.....	22,417	34,422	49,605	2	3,398	13,777	60,334
1967.....	25,963	29,149	47,365	2	3,893	9,042	63,313
1968.....	29,110	46,852	54,722	15	4,388	7,565	40,853
1969.....	26,293	72,404	45,097	9	4,269	10,190	23,835
1970.....	28,499	63,897	37,438	20	3,287	8,234	7,835
1971.....	28,079	102,913	43,432	12	5,018	10,988	4,717
1972.....	30,594	195,551	45,823	10	5,172	9,797	15,040
1973.....	27,296	176,994	45,681	14	6,334	9,886	22,423
1974.....	24,364	186,626	66,129	504	7,696	9,542	18,779
1975.....	21,634	436,338	73,176	323	2,624	13,637	4,302
1976.....	28,303	351,889	63,425	528	5,511	15,653	35,232
1977.....	24,633	249,501	69,896	12	6,876	8,537	20,128
1978.....	28,087	146,431	57,233	19	6,451	8,125	8,977
1979.....	27,306	141,599	76,151	24	6,381	9,089	25,263
1980.....	25,553	115,891	83,294	30	6,422	7,366	26,420
1981 <sup>2</sup> .....	27,720	121,893	69,268	38	6,286	6,819	52,671

<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.



Table 202.—Inedible animal tallow, greases, and oils: <sup>1</sup> United States exports by country of destination, 1979-81

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
North America:				Soviet Union .....	100,212	52,162	77,029
Canada.....	4,440	6,292	3,434	Africa:			
Dominican Republic.....	17,055	19,811	16,285	Algeria.....	39,352	40,697	40,941
El Salvador.....	23,115	18,911	17,737	Cameroon.....	3,596	1,961	3,499
Guatemala.....	8,656	13,174	15,803	Ghana.....	6,495	4,982	6,666
Haiti.....	10,809	14,632	14,144	Kenya.....	396	1,000	612
Honduras.....	5,970	9,796	7,049	Madagascar.....	5,124	2,995	
Jamaica.....	10,202	5,752	7,142	Morocco.....	9,613	9,097	9,704
Mexico.....	58,429	81,571	65,948	Nigeria.....	31,471	39,010	32,616
Nicaragua.....	5,502	12,568	10,818	Senegal.....	1,476	3,049	500
Trinidad and Tobago.....	3,166	2,253	2,091	Egypt.....	133,821	187,512	205,056
Other countries.....	4,800	5,604	6,628	South Africa.....	41,647	36,581	23,016
Total.....	152,144	191,264	167,079	Ivory Coast.....	2,007	745	
				Other countries.....	8,128	11,956	26,579
South America:				Total.....	283,126	339,615	343,189
Argentina.....	597	540	509	Asia:			
Brazil.....	7,992	18,126		Afghanistan.....	500		150
Chile.....	3,973	3,745	3,429	Bangladesh.....	9,594	6,184	
Colombia.....	51,685	47,111	42,047	Iran.....	7,509		
Ecuador.....	27,746	30,642	20,236	Iraq.....			
Peru.....	3,080	3,134	2,468	China.....	11,271	31,406	3,552
Venezuela.....	17,136	29,841	15,311	Taiwan.....	20,436	43,911	25,142
Other countries.....	7,468	1,482	2,296	India.....	1,363	7,065	46,330
Total.....	119,682	134,621	86,296	Japan.....	87,450	106,362	87,686
Europe:				Korea, Rep. of.....	101,673	115,663	80,752
Belgium and Luxembourg.....	9,540	16,543	19,136	Lebanon.....	5,779	8,680	13,412
France.....	21,865	14,536	3,852	Pakistan.....	55,231	72,254	93,030
Germany, Fed. Rep. of.....	55,239	71,022	58,854	Philippines.....	4,954	7,522	6,823
Italy.....	2,160	7,259	4,797	Singapore.....	207	294	189
Netherlands.....	76,502	103,656	149,460	Turkey (Europe and Asia).....	309	15,337	10,060
United Kingdom.....	58,004	59,900	53,000	Thailand.....	113	16	11
Greece.....	1,976	3,147	2,155	Other countries.....	1,154	1,303	658
Norway.....	2,269	546	1,046	Total.....	307,543	415,997	367,795
Portugal.....	10,141	7,642	2,705	Oceania.....	58	74	63
Spain.....	44,606	49,493	45,485	Grand total <sup>3</sup> .....	1,262,858	1,476,151	1,422,961
Sweden.....	15		32				
Switzerland.....	3,517	1,232	3,234				
Poland.....	9,946	7,431	15,234				
Other countries.....	4,311	9	2,524				
Total.....	300,091	342,416	361,514				

<sup>1</sup> Includes inedible tallow and choice white grease; inedible lard oil, tallow oil, lard stearine; and animal fats, oils, and greases, n.e.c.

<sup>2</sup> Preliminary.

<sup>3</sup> May not add due to rounding.

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

Table 203.—Fats and Oils: Use in products for civilian consumption, total and per capita, U.S., 1970–80

Calendar year	Food products <sup>1</sup>													
	Butter (actual weight)		Lard (direct use)		Margarine (actual weight)		Baking and frying fats (shortening)		Salad and cooking oils		Other edible use		All food products (fat content)	
	Total	Per capita	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	Million pounds	Pounds
1970 .....	1,100	5.4	939	4.6	2,223	10.8	3,557	17.3	3,153	15.4	480	2.3	10,792	52.6
1971 .....	1,069	5.1	880	4.2	2,266	10.9	3,489	16.8	3,241	15.6	478	2.3	10,756	51.8
1972 .....	1,040	5.0	787	3.7	2,339	11.1	3,699	17.6	3,530	16.8	493	2.3	11,212	53.4
1973 .....	1,008	4.8	705	3.3	2,354	11.1	3,613	17.1	3,747	17.7	546	2.6	11,300	53.3
1974 .....	965	4.5	681	3.2	2,380	11.1	3,623	16.9	3,861	18.1	372	1.7	11,213	52.4
1975 .....	1,021	4.7	615	2.8	2,386	11.0	3,666	17.0	3,860	17.9	428	2.0	11,295	52.3
1976 .....	942	4.3	568	2.6	2,601	11.9	3,861	17.7	4,243	19.5	445	2.0	11,952	54.8
1977 .....	946	4.3	495	2.2	2,502	11.4	3,796	17.2	4,207	19.1	422	1.9	11,679	53.0
1978 .....	1,969	4.4	478	2.2	2,499	11.2	3,971	17.8	4,484	20.1	453	2.0	12,160	54.6
1979 .....	1,011	4.5	548	2.5	2,535	11.2	4,140	18.4	4,690	20.8	364	1.6	12,564	55.8
1980 <sup>2</sup> .....	1,016	4.5	540	2.5	2,593	11.3	4,137	18.3	4,820	21.2	343	1.5	12,722	55.9

  

Calendar year	Industrial products											
	Soap		Fatty acids		Animal feeds		Other industrial products		All industrial products <sup>3</sup>		All products <sup>4</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
1970 .....	769	3.8	1,890	9.2	1,099	5.4	707	3.4	5,175	25.2	15,967	77.8
1971 .....	754	3.7	1,825	8.8	1,143	5.5	719	3.5	5,133	24.7	15,889	76.5
1972 .....	820	3.9	1,958	9.5	1,111	5.3	698	3.3	5,335	25.4	16,547	78.8
1973 .....	846	4.0	2,130	10.1	1,077	5.1	707	3.3	5,492	25.9	16,792	79.2
1974 .....	793	3.7	2,109	9.9	1,149	5.4	757	3.5	5,452	25.5	16,665	77.9
1975 .....	822	3.8	1,662	7.7	1,283	5.9	591	2.7	4,914	22.8	16,209	75.0
1976 .....	957	4.4	1,907	8.7	1,464	6.7	640	2.9	5,700	26.1	17,652	81.0
1977 .....	936	4.3	1,907	8.7	1,492	6.8	695	3.2	5,708	25.9	17,387	79.0
1978 .....	862	3.9	2,109	9.5	1,518	6.8	728	3.3	5,903	26.5	18,063	81.1
1979 .....	837	3.7	2,247	10.0	1,316	5.8	723	3.2	5,764	25.6	18,328	81.4
1980 <sup>2</sup> .....	825	3.6	2,092	9.2	1,337	5.9	690	3.0	5,518	24.2	18,240	80.3

<sup>1</sup> Domestic disappearance data are computed by ERS.<sup>2</sup> Preliminary.<sup>3</sup> Including paint, varnish, resin, plastic, and lubricants.<sup>4</sup> Including only fat content of butter and margarine.

Economic Research Service.

**Table 204.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1965-81**

[1967=100]

Year	Sixteen items, excluding butter	Seventeen 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
1965.....	129.5	112.7	112.5	111.5	109.0	90.5	149.3	115.4	105.5	142.9	109.4	122.8	136.8
1966.....	126.3	115.3	115.1	119.6	92.6	100.3	142.9	121.5	113.9	128.4	106.8	112.4	124.8
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	90.9	94.4	94.6	93.1	118.5	100.1	79.5	93.6	95.6	90.9	94.4	102.2	91.3
1969.....	104.2	103.1	110.4	92.6	102.5	101.0	123.6	94.9	101.2	111.0	91.3	104.1	108.0
1970.....	129.4	119.7	122.2	118.5	127.3	108.9	148.8	122.5	115.7	135.5	102.4	127.2	130.6
1971.....	130.7	119.9	118.2	125.8	108.0	102.3	137.4	129.6	116.4	135.2	95.2	199.9	129.2
1972.....	114.4	110.0	114.0	106.4	88.1	103.0	132.7	109.1	108.8	115.9	94.3	104.7	112.6
1973.....	208.2	168.9	167.8	171.4	188.8	97.1	253.3	178.8	150.3	229.4	168.2	207.5	220.1
1974.....	322.8	238.5	208.2	294.6	386.8	99.6	365.7	295.0	204.2	340.5	322.2	322.9	333.5
1975.....	262.3	207.8	200.2	219.5	166.7	118.0	368.3	215.0	189.2	257.2	270.4	217.0	258.8
1976.....	261.1	226.7	191.7	161.6	169.8	138.6	228.2	166.3	161.8	254.9	186.5	188.9	244.8
1977.....	306.6	263.7	219.4	191.1	228.1	147.4	271.7	202.5	191.0	283.4	194.8	244.1	268.2
1978.....	337.0	290.5	245.9	205.0	267.5	165.5	296.5	219.7	209.9	323.3	176.8	291.1	298.0
1979.....	372.3	327.6	282.0	223.9	372.5	190.7	327.0	231.4	255.3	390.9	219.8	291.5	361.3
1980.....	292.9	263.1	225.5	166.4	269.5	209.6	265.2	182.8	187.4	306.8	200.3	( <sup>1</sup> )	287.1
1981.....	314.3	282.7	257.6	144.8	226.2	222.1	( <sup>2</sup> )	153.1	205.3	311.9	187.8	( <sup>1</sup> )	291.2

<sup>1</sup>Series discontinued.

<sup>2</sup>Not available.

Economic Research Service.

**Table 205.—Fats, oils: Wholesale price per pound, 1977-81**

Item and market	1977	1978	1979	1980	1981 <sup>1</sup>
	Cents	Cents	Cents	Cents	Cents
Butter, creamery, Grade A, (92 and 93-score) bulk, New York.....	101.9	115.4	128.5	145.5	170.0
Castor oil, No. 1, Brazilian, tanks, imported, New York.....	43.4	41.8	44.9	51.3	44.4
Coconut oil, crude, tanks, f.o.b., New York.....	28.4	35.1	49.9	33.6	27.1
Corn oil, crude, tank cars, f.o.b. Decatur.....	30.7	36.0	32.4	26.3	23.8
Cottonseed oil, crude, tank cars, f.o.b. Valley.....	24.5	27.2	31.6	25.1	24.1
Grease, A white, tank cars, delivered Chicago.....	17.1	19.1	21.9	17.2	17.2
Linseed oil, raw, tank cars, Minneapolis.....	26.5	24.2	28.7	28.6	31.5
Margarine, yellow quarters, f.o.b. Chicago.....	39.1	39.8	41.5	38.7	37.3
Olive oil, imported, edible, drums, New York.....	86.7	85.4	83.3	83.3	.....
Palm kernel oil, CIF, bulk, U.S. ports.....	33.3	36.8	42.1	42.8	42.8
Palm oil, U.S. ports.....	24.3	28.7	31.2	28.1	27.1
Peanut oil, crude, tank cars, f.o.b. southeast mills.....	29.8	42.2	37.0	30.9	37.6
Rapeseed oil, refined (denatured), tanks, New York.....	39.0	39.0	39.0	46.6	58.8
Safflower oil, tanks, New York.....	41.5	41.3	41.5	46.5	55.2
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York.....	38.9	40.9	44.9	43.5	44.2
Soybean oil, crude, tank cars, f.o.b. Decatur.....	24.5	27.2	24.3	22.7	.....
Tallow, edible, loose, Chicago.....	21.2	22.8	26.2	21.6	31.1
Tallow, inedible, number delivered Chicago.....	13.6	16.0	18.8	14.3	15.3
Tung oil, imported, drums, f.o.b. New York.....	108.3	91.4	64.2	53.3	63.1

<sup>1</sup>Preliminary.

Economic Research Service. Compiled from the Chemical Marketing Reporter, the National Provisioner, The Journal of Commerce (New York), Wall Street Journal, and the U.S. Department of Labor. Excise taxes and duties are included where applicable.

## 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 area, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, spring, summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of area, production, and value for each of the 4 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 area 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. However, with the vegetable program modifications implemented in 1973, the processed segment of production for asparagus, broccoli, carrots, and cauliflower, which was combined with fresh market production during the year, is published at the end of the season. Annual production, price, and value estimates for the portion processed are published beginning with 1969. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans and spinach were discontinued.

### Seasonal Groups and Marketing Period Prospective Area For Harvest

Winter: January, February, March  
Spring: April, May, June

Summer: July, August, September  
Fall: October, November, December

### Acreage, Yield, Production, and Value January through June July through December

The seasonal patterns of harvest do not correspond precisely in all States to the estimating period or periods designated. In some cases, only one seasonal group is shown for a State, but marketing may be active in earlier or later months. Because of the small volume from this earlier or later area, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Beginning in 1982 commercial vegetables for fresh market include 9 principal vegetables and melon crops in the major producing States. Earlier years include the following fifteen additional crops: asparagus, artichokes, lima beans, snap beans, brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peas, green peppers, spinach, and watermelon. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and non-farm gardens. The bulk of the production of the principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of celery and onions 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. For processed vegetables, value per unit and total value are at processing plant door.

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Table 206.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1965-81

Year	Area <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
	Acres	Acres	Acres	Tons	Tons	Tons	1,000 dollars	1,000 dollars	1,000 dollars
1965.....	1,644,150	1,642,790	3,286,940	10,915,000	3,348,670	19,263,670	1,016,558	405,862	1,422,420
1966.....	1,613,300	1,804,040	3,471,340	10,617,200	8,941,280	19,558,480	1,137,027	433,348	1,570,375
1967.....	1,631,380	1,936,130	3,567,510	11,142,850	9,979,460	21,122,310	1,151,433	530,408	1,681,841
1968.....	1,624,820	2,012,230	3,637,050	11,290,050	12,105,707	23,395,920	1,184,587	600,690	1,785,277
1969 <sup>6</sup> .....	1,699,810	1,629,630	3,329,440	11,175,950	9,297,350	20,473,300	1,282,087	415,551	1,697,638
1970.....	1,673,870	1,531,160	3,204,830	11,357,800	9,297,200	20,655,000	1,239,222	410,189	1,643,411
1971.....	1,609,960	1,558,460	3,168,420	11,361,050	9,922,550	21,283,600	1,438,946	439,980	1,878,926
1972.....	1,648,110	1,584,490	3,232,600	11,578,050	10,241,600	21,819,650	1,607,022	466,633	2,073,655
1973.....	1,636,610	1,727,010	3,363,620	11,907,200	10,661,650	22,568,850	1,857,859	550,632	2,408,491
1974.....	1,557,570	1,775,810	3,333,380	12,016,750	11,794,050	23,810,800	1,885,149	929,785	2,814,934
1975.....	1,542,110	1,874,480	3,416,590	11,993,700	13,533,250	25,526,950	2,159,168	1,036,635	3,195,803
1976.....	1,577,350	1,624,640	3,201,990	12,509,950	11,048,850	23,558,800	2,260,078	786,606	3,046,684
1977.....	1,578,830	1,638,120	3,216,950	12,741,050	12,612,450	25,353,500	2,351,737	945,180	3,296,917
1978.....	1,643,650	1,611,660	3,255,310	13,140,000	11,323,490	24,463,490	2,786,530	874,768	3,661,298
1979.....	1,636,540	1,652,480	3,289,020	13,421,900	12,576,010	25,997,910	2,919,656	1,030,239	3,949,895
1980.....	1,609,570	1,429,130	3,038,700	13,248,150	10,806,650	24,054,800	3,182,975	864,451	4,047,426
1981 <sup>7</sup> .....	902,070	1,166,300	2,068,370	9,612,700	9,201,540	18,814,240	2,549,127	733,435	3,282,562

<sup>1</sup> Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested.

<sup>2</sup> Area, production, and farm value of the following 27 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, lima beans, snap beans, beets, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole-endive, garlic, honeydew melons, kale, lettuce, onions, green peas, green peppers, shallots, spinach, tomatoes, and watermelons. Lima beans, beets, kale, green peas, and shallots discontinued in 1968.

<sup>3</sup> Area, 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 excludes some quantities not marketed because of low prices or other economic factors.

<sup>5</sup> Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door.

<sup>6</sup> Beginning 1969, asparagus for processing included in fresh market segment.

<sup>7</sup> Preliminary. Beginning with crop year 1981, acreage, yield, production, price and value estimates have been discontinued for the following crops—fresh market vegetables: Artichokes, asparagus, snap beans, brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, green peppers, spinach, and watermelons; processing vegetables: Lima beans, beets, cabbage (sauerkraut), cucumbers (pickles), spinach, and asparagus. Estimates for these crops are not in the 1982 *Agricultural Statistics*.

Statistical Reporting Service.

Table 207.—Vegetables, commercial: Area of principal crops, by States, 1979-81<sup>1</sup>

State	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>	1979	1980	1981 <sup>3</sup>
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala.....	9,200	7,100	9,150	4,500	860	1,300	13,700	7,960	10,450
Ariz.....	54,100	49,150	40,900				54,100	49,150	40,900
Ark.....	3,100	2,700	2,900	4,600	2,700	4,100	7,700	5,400	7,000
Calif.....	410,500	413,800	410,700	267,600	218,700	212,000	678,100	632,000	622,700
Colo.....	18,000	17,100	17,900	2,630	1,240	1,690	20,630	18,340	19,590
Conn.....	4,500	4,500	3,700				4,500	4,500	3,700
Del.....				18,120	14,830	13,800	18,120	14,830	13,800
Fla.....	117,200	122,200	118,200	15,700	8,800	3,500	132,900	131,000	121,700
Ga.....	2,300	2,100	1,900	790	800	600	3,090	2,900	2,500
Hawaii.....	920	930	1,010				920	930	1,010
Idaho.....	4,500	4,500	4,800	33,700	29,500	27,100	38,200	34,000	31,900
Ill.....	4,300	4,050	3,700	86,300	66,700	62,800	90,600	70,750	66,500
Ind.....	1,900	1,560	1,300	19,200	17,200	8,500	21,100	18,760	9,800
Iowa.....				5,650	3,760	4,390	5,650	3,760	4,390
Ky.....				120			120		
La.....	420	350	370				420	350	370
Maine.....				8,010	7,550	8,230	8,010	7,550	8,230
Md.....	2,500	2,700	2,800	29,300	22,900	19,500	31,800	25,600	22,300
Mass.....	8,210	8,880	9,560				8,210	8,880	9,560
Mich.....	34,500	33,000	33,200	25,550	22,300	22,900	60,050	55,300	56,100
Minn.....	2,180	2,060	2,050	176,100	172,400	167,100	178,280	174,460	169,150
Miss.....									
Mo.....				470	1,500	900	470	1,500	900
Nebr.....									
N.J.....	20,590	19,980	20,950	13,800	11,800	12,800	34,390	31,780	33,750
N. Mex.....	7,400	7,400	7,010	300	400	190	7,700	7,800	7,200
N. Y.....	47,600	47,910	48,780	73,700	70,700	69,800	121,300	118,610	118,580
N. C.....	6,900	6,400	6,800	4,140	3,030	2,490	11,040	9,430	9,290
Ohio.....	18,070	18,420	18,520	18,860	16,880	14,230	36,930	35,300	32,750
Okla.....				860	1,600	1,900	860	1,600	1,900
Oreg.....	15,700	14,900	15,400	118,200	97,400	99,600	133,900	112,300	115,000
Pa.....	20,200	19,900	19,400	14,300	14,400	15,800	34,500	34,300	35,200
S. C.....	8,000	7,200	8,500	30	530	450	8,030	7,730	8,950
S. Dak.....									
Tenn.....	3,700	3,700	4,300	9,900	12,100	7,600	13,600	15,800	11,900
Tex.....	67,650	59,820	61,220	7,200	4,400	4,300	74,850	64,220	65,520
Utah.....	2,000	1,900	2,100	4,670	4,890	4,500	6,670	6,790	6,600
Va.....	4,900	4,500	5,100	8,840	5,000	3,200	13,740	9,500	8,300
Wash.....	13,550	12,230	13,000	123,900	96,900	103,200	137,450	109,130	116,200
W. Va.....				70	10	30	70	10	30
Wis.....	7,100	5,600	6,850	310,300	286,000	267,800	317,400	291,600	274,650
U.S.....	921,690	906,040	902,070	1,407,410	1,217,780	1,166,300	2,329,100	2,123,820	2,063,370

<sup>1</sup> Area for fresh market is area for harvest. Area for processing is area harvested.<sup>2</sup> Area of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.<sup>3</sup> Preliminary.<sup>4</sup> Area of the following 4 crops in all States: Snap beans, sweet corn, green peas, and tomatoes. Other vegetables processed included in fresh market series of estimates.

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Table 208.—Vegetables, commercial: Production of principal crops, by States, 1979-81

State	For fresh market <sup>1</sup>			For processing <sup>3</sup>			Total		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Ala.....	33,900	26,050	33,150	6,480	890	3,370	40,380	26,940	36,520
Ariz.....	512,050	522,000	513,950				512,050	522,000	513,950
Ark.....	20,100	12,050	14,600	10,300	4,080	12,630	30,400	16,130	27,230
Calif.....	4,897,450	4,895,150	5,054,550	6,384,130	5,562,630	4,920,190	11,281,580	10,457,780	9,974,740
Colo.....	221,000	198,550	238,500	13,900	8,440	13,910	234,900	206,990	252,410
Conn.....	17,100	19,800	11,100				17,100	19,800	11,100
Del.....				42,890	39,590	34,390	42,890	39,590	34,390
Fla.....	1,110,950	1,213,400	1,085,150	54,940	30,590	26,000	1,165,890	1,243,990	1,111,150
Ga.....	9,300	8,100	9,300	1,580	2,000	780	10,880	10,100	10,080
Hawaii.....	7,800	8,800	9,200				7,800	8,800	9,200
Idaho.....	114,750	122,650	122,400	205,060	164,770	165,650	319,810	287,420	288,050
Ill.....	22,050	17,050	15,000	366,210	241,740	287,620	388,260	258,790	302,620
Ind.....	13,300	10,000	8,800	182,350	127,750	93,480	195,650	137,750	102,280
Iowa.....				37,030	24,680	27,260	37,030	24,680	27,260
Ky.....				1,210			1,210		
La.....	2,000	1,400	2,050				2,000	1,400	2,050
Maine.....				11,780	8,380	13,950	11,780	8,380	13,950
Md.....	11,250	11,600	13,800	111,950	77,870	100,920	123,200	89,470	114,220
Mass.....	37,200	43,250	45,550				37,200	43,250	45,550
Mich.....	349,200	298,700	330,750	141,720	116,360	157,960	490,920	415,060	488,710
Minn.....	38,550	34,750	30,750	687,790	641,190	676,520	726,340	675,940	707,270
Miss.....									
Mo.....				1,000	2,070	3,700	1,000	2,070	3,200
Nebr.....									
N.J.....	101,650	104,150	128,150	112,420	78,890	117,480	214,070	183,040	245,630
N. Mex.....	87,500	88,750	99,150	2,800	4,000	2,280	90,300	92,750	101,430
N.Y.....	410,450	413,400	388,350	251,330	226,880	236,480	661,780	640,280	624,830
N.C.....	24,650	26,400	30,600	9,960	6,790	7,700	34,610	33,190	38,300
Ohio.....	101,400	91,850	96,850	349,720	252,200	253,360	451,120	344,050	350,210
Okla.....				1,440	3,070	6,080	1,440	3,070	6,080
Oreg.....	301,850	294,750	291,100	539,790	507,120	510,300	841,640	801,870	801,400
Pa.....	62,850	61,450	72,250	96,530	65,170	108,000	159,380	126,620	180,250
S.C.....	48,000	54,500	76,500	40	1,140	700	48,040	55,640	77,200
S. Dak.....									
Tenn.....	18,500	20,350	25,800	15,940	12,710	19,300	34,440	33,060	45,100
Tex.....	486,450	487,850	463,100	30,710	15,880	14,400	517,160	503,730	477,500
Utah.....	41,500	32,800	38,850	23,270	19,900	20,200	64,770	52,700	59,050
Va.....	27,750	21,450	37,750	53,280	22,370	22,410	81,030	43,820	60,160
Wash.....	226,100	198,950	198,900	463,240	408,420	411,650	689,340	608,370	610,550
W. Va.....				850	160	480	850	160	480
Wis.....	127,500	79,950	127,250	964,290	878,370	922,790	1,091,790	952,320	1,061,040
U.S.....	9,484,100	9,419,900	9,612,700	11,175,930	9,557,100	9,201,540	20,660,030	18,977,000	18,814,240

<sup>1</sup> Production of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

<sup>2</sup> Preliminary.

<sup>3</sup> Production of the following 4 crops in all States: Snap beans, sweet corn, green peas, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.

Table 209.—Vegetables, commercial: Value of principal crops, by States, 1979-81

State	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <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
Ala.....	18,157	21,833	12,865	1,225	173	799	19,382	22,006	13,664
Ariz.....	108,536	108,998	109,696				108,536	108,998	109,696
Ark.....	11,798	7,897	7,122	1,730	677	2,071	13,528	8,574	9,193
Calif.....	984,477	1,060,267	1,246,942	436,524	335,894	307,239	1,421,001	1,396,161	1,554,181
Colo.....	25,336	37,053	50,832	1,326	740	1,323	26,662	37,793	52,155
Conn.....	2,736	3,568	2,708				2,736	3,568	2,708
Del.....				5,875	5,617	5,167	5,875	5,617	5,167
Fla.....	389,873	374,736	385,084	6,151	3,772	2,530	396,024	378,508	387,614
Ga.....	4,241	4,180	3,348	291	420	179	4,532	4,600	3,527
Hawaii.....	4,153	4,337	5,183				4,153	4,337	5,183
Idaho.....	8,365	29,696	30,349	13,235	11,888	12,942	21,600	41,584	43,291
Ill.....	3,618	3,577	2,997	31,911	24,524	30,029	35,529	28,101	33,026
Ind.....	4,469	3,023	3,221	13,399	9,471	8,374	17,868	12,494	11,595
Iowa.....				1,949	1,385	1,481	1,949	1,385	1,481
Ky.....				103			103		
La.....	1,252	1,000	1,054				1,252	1,000	1,054
Maine.....				2,069	1,617	2,179	2,069	1,617	2,179
Md.....	4,230	3,318	3,165	9,946	7,429	10,281	14,176	10,747	13,446
Mass.....	8,203	9,666	12,028				8,203	9,666	12,028
Mich.....	58,947	69,802	77,955	13,472	11,865	16,631	72,419	81,667	94,586
Minn.....	3,642	5,794	4,628	52,765	48,436	55,091	56,407	54,230	59,719
Miss.....									
Mo.....				138	329	512	138	329	512
N.J.....	28,416	24,848	40,449	9,360	7,828	12,601	37,776	32,676	53,050
N. Mex.....	17,635	17,045	27,815	210	340	194	17,845	17,385	28,009
N.Y.....	73,382	113,258	119,084	26,634	27,412	30,638	100,016	140,670	149,722
N.C.....	7,096	7,772	8,494	1,469	968	1,080	8,565	8,740	9,574
Ohio.....	22,210	20,102	24,892	23,724	17,942	21,642	45,934	38,044	46,534
Okla.....				181	387	973	181	387	973
Oreg.....	25,909	66,737	67,584	54,191	52,461	52,911	80,100	119,198	120,495
Pa.....	18,015	15,000	19,243	7,409	5,541	10,243	25,424	20,541	29,486
S.C.....	18,293	18,737	20,655	10	211	118	18,303	18,948	20,773
S. Dak.....									
Tenn.....	8,584	8,628	12,126	2,917	2,682	4,072	11,501	11,310	16,198
Tex.....	109,062	111,535	175,161	3,309	1,930	2,405	112,371	113,465	177,566
Utah.....	2,900	7,366	7,071	2,308	2,245	2,479	5,208	9,611	9,550
Va.....	7,832	7,131	16,098	4,655	2,111	2,266	12,487	9,242	18,364
Wash.....	21,265	31,047	37,768	53,335	38,274	40,625	74,600	69,321	78,393
W. Va.....				60	11	37	60	11	37
Wis.....	9,931	9,483	13,510	86,993	81,525	94,323	96,924	91,008	107,833
U.S.....	2,012,563	2,207,434	2,549,127	868,874	706,105	733,435	2,881,437	2,913,539	3,282,562

<sup>1</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Broccoli, carrots, cauliflower, celery, sweet corn, honeydew melons, lettuce, onions, and tomatoes.

<sup>2</sup> Preliminary.

<sup>3</sup> Value of the following 4 crops in all States: Snap beans, sweet corn, green peas, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.



**Table 210.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1965-81**

Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>		Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>	
				Per ton	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>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965	230,660	2.34	540,530	96.60	52,231	1974	291,080	2.57	748,350	157.00	117,654
1966	245,070	2.13	521,330	101.00	52,544	1975	273,580	2.43	665,200	153.00	102,096
1967	273,590	2.32	635,920	102.00	64,621	1976	237,170	2.49	590,700	139.00	81,895
1968	267,070	2.35	626,630	99.80	62,556	1977	257,640	2.62	675,450	145.00	98,170
1969	238,290	2.39	568,450	99.50	56,565	1978	280,250	2.56	716,600	146.00	104,630
1970	227,770	2.50	570,150	95.60	54,480	1979	285,420	2.69	769,130	153.00	117,869
1971	240,200	2.48	596,650	92.60	55,264	1980	255,690	2.75	704,230	156.00	110,094
1972	255,440	2.40	613,400	100.00	61,538	1981 <sup>2</sup>	218,200	3.08	671,640	167.00	112,320
1973	392,180	2.54	741,650	103.00	76,241						

<sup>1</sup>Price and value at processing plant door.<sup>2</sup>Preliminary.

Statistical Reporting Service.

**Table 211.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1979-81**

State	Area			Production			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<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>
Calif.....	7,300	4,500		13,940	12,060		206.00	237.00	
Colo.....	1,500	770	990	5,300	2,330	4,000	126.00	142.00	152.00
Del.....	4,900	6,100		12,200 <sup>7</sup>	12,400		169.00	159.00	
Fla.....	13,500	7,300	1,500	32,940	14,090	3,000	148.00	198.00	230.00
Ga.....	790	800		1,580	2,000		184.00	210.00	
Ill.....	9,500	6,600		28,410	20,060		139.00	152.00	
Ind.....	2,700	2,400 <sup>7</sup>		6,530	5,540		182.00	144.00	
Md.....	8,600	4,900	3,900	15,650	8,620	10,060	169.00	169.00	191.00
Mich.....	17,300	13,700	14,300	35,980	38,360	36,180	162.00	156.00	160.00
N.J.....	6,800	6,400	7,400	14,420	16,900	20,500	172.00	191.00	205.00
N.Y.....	45,600	46,400	38,900	106,250	113,220	96,080	161.00	169.00	185.00
N.C.....	4,000	2,800	2,200	8,320	4,510	4,400	161.00	179.00	187.00
Oreg.....	38,400	31,100	27,400	172,420	160,480	144,400	153.00	155.00	165.00
Pa.....	4,700	5,900	5,500	9,920	9,150	12,380	167.00	175.00	191.00
Tenn.....	9,900	12,100	7,600	15,940	12,710	19,300	183.00	211.00	211.00
Va.....	4,000	2,900	1,800	7,800	4,410	4,210	167.00	179.00	183.00
Wash.....	2,300	2,400		9,060	9,070		159.00	156.00	167.00
Wis.....	79,300	78,800	70,200	212,520	211,180	214,110	137.00	134.00	146.00
Other States <sup>2</sup> .....	24,330	19,820	36,510	59,950	47,140	103,020	163.00	159.00	177.00
Total.....	285,420	255,690	218,200	769,130	704,230	671,640	153.00	156.00	167.00

<sup>1</sup>Preliminary.<sup>2</sup>1979—Alabama, Arkansas, Idaho, Maine, Minnesota, Missouri, Ohio, Oklahoma, South Carolina, Texas, Utah, and West Virginia. 1980—Alabama, Arkansas, Idaho, Maine, Minnesota, Missouri, Ohio, Oklahoma, Texas, and Utah. 1981—Alabama, Arkansas, California, Delaware, Georgia, Idaho, Illinois, Indiana, Maine, Minnesota, Missouri, Ohio, Oklahoma, South Carolina, Texas, Utah, and Washington.

Statistical Reporting Service.

## VEGETABLES AND MELONS, 1982

**Table 212.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-81<sup>1</sup>**

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>4</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1965.....	37,470	59	2,211	8.31	18,369						
1966.....	39,280	68	2,677	8.68	23,247						
1967.....	43,360	64	2,782	8.88	24,696						
1968.....	42,950	72	3,080	8.93	27,497						
1969.....	37,360	67	2,487	10.10	25,153	811	13.00	10,575	83,800	174.00	14,578
1970.....	41,140	76	3,138	9.71	30,482	977	13.40	13,072	108,050	161.00	17,410
1971.....	42,770	74	3,171	11.20	35,577	1,286	14.80	19,002	94,250	176.00	16,575
1972.....	47,300	77	3,644	10.80	39,451	1,375	14.10	19,436	113,450	176.00	20,015
1973.....	53,940	65	3,502	12.10	42,476	1,497	15.70	23,517	100,250	189.00	18,959
1974.....	49,400	80	3,933	14.20	55,912	1,590	17.10	27,264	117,150	245.00	28,648
1975.....	49,650	79	3,940	15.10	59,444	2,035	17.40	35,376	95,250	253.00	24,068
1976.....	52,800	81	4,289	15.90	68,204	2,234	19.00	42,495	102,750	250.00	25,709
1977.....	70,890	80	5,694	16.30	92,748	2,572	19.70	50,562	156,100	270.00	42,186
1978.....	68,300	79	5,399	18.10	97,619	2,647	21.70	57,330	137,600	293.00	40,289
1979.....	70,900	89	6,301	19.20	120,913	3,255	22.20	72,286	152,300	319.00	48,627
1980.....	77,850	87	6,753	21.40	144,613	3,795	23.50	89,327	147,900	374.00	55,286
1981 <sup>5</sup> .....	81,100	92	7,470	23.20	173,542	4,534	25.90	117,453	146,820	382.00	56,089

<sup>1</sup>Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.<sup>2</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 46 in 1970 and 22 in 1973.<sup>3</sup>Price and value on f.o.b. basis.<sup>4</sup>Price and value at processing plant door.<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 213.—Broccoli, commercial crop: Area, production, and value per hundredweight, by States, 1979-81<sup>1</sup>**

Season and State	Area			Production			Value per unit					
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>			
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.			
Jan.-June:												
Ariz.....	800	400	400	48	25	29	27.40	30.20	28.50			
Calif.....	35,500	37,100	37,900	3,158	3,285	3,525	18.80	21.80	22.50			
Tex.....	450	1,700	3,300	21	94	284	24.20	26.40	25.70			
Total.....	36,750	39,200	41,600	3,227	3,404	3,838	19.00	22.00	22.80			
July-Dec.:												
Ariz.....	250	350	400	19	21	24	28.00	27.40	30.00			
Calif.....	32,500	35,500	36,000	2,937	3,139	3,312	19.30	20.60	23.30			
Oreg.....	900	1,000	1,100	90	99	108	16.90	18.70	19.40			
Tex.....	500	1,800	2,000	28	90	188	27.40	30.30	32.30			
Total.....	34,150	38,650	39,500	3,074	3,349	3,632	19.40	20.80	23.70			
U.S.....	70,900	77,850	81,100	6,301	6,753	7,470	19.20	21.40	23.20			
State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.	Tons	Tons	Tons	Dollars per tons	Dollars per tons	Dollars per tons
Calif.....	3,135	3,567	4,013	22.00	23.10	25.50	148,000	142,850	141,200	320.00	376.00	384.00
Other States <sup>3</sup> .....	120	228	521	28.10	29.90	29.10	4,300	5,050	5,620	295.00	312.00	332.00
U.S.....	3,255	3,795	4,534	22.20	23.50	25.90	152,300	147,900	146,820	319.00	374.00	382.00

<sup>1</sup>Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.<sup>2</sup>Preliminary.<sup>3</sup>Includes Arizona, Oregon, and Texas in "For fresh market;" includes Oregon and Texas in "For processing." Statistical Reporting Service.

Table 214.—Carrots, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1979-81

Season and State	Area			Production			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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>
Jan.-June:									
Ariz.....	1,900	1,800	1,600	228	252	216	11.00	8.03	12.60
Calif.:									
Desert.....	10,200	11,100	8,300	2,358	2,490	2,407	8.70	9.09	9.86
Other.....	10,300	10,600	10,400	3,159	3,333	3,120	8.85	7.90	10.90
Tex.....	11,700	9,100	11,700	1,508	1,371	1,814	9.76	6.22	9.90
Total.....	34,100	32,600	32,000	7,253	7,446	7,557	9.06	7.99	10.40
July-Dec.:									
Ariz.....	200	300	200	23	42	24	9.20	16.30	15.00
Calif.:									
Desert.....	1,000	600	700	210	114	147	9.67	16.00	13.00
Other.....	15,500	14,300	15,200	4,563	4,448	4,408	7.02	9.75	9.90
Colo.....	1,000	1,100	1,100	245	264	385	9.60	9.40	8.70
Ill.....	300	250	( <sup>2</sup> )	93	64	( <sup>2</sup> )	8.03	10.40	( <sup>2</sup> )
Mich.....	6,600	5,600	5,600	1,713	1,340	1,316	7.82	11.70	9.43
Minn.....	1,700	1,300	1,300	646	494	416	5.08	7.88	7.73
N.Y.....	1,100	1,000	1,100	319	365	385	4.55	8.56	9.62
Oreg.....	1,400	1,500	1,800	616	698	909	3.24	5.70	5.04
Tex.....	4,400	4,500	4,800	668	678	936	8.39	14.10	12.30
Wash.....	5,000	4,150	4,400	2,237	1,938	1,694	3.74	5.74	5.90
Wis.....	4,500	3,800	4,500	1,878	1,125	1,890	3.39	4.11	4.07
Other States <sup>3</sup> .....	1,360	1,500	1,800	550	523	710	2.74	3.10	3.16
Total.....	44,060	39,900	42,500	13,761	12,093	13,220	5.77	8.47	7.91
U.S.....	78,160	72,500	74,500	21,014	19,539	20,777	6.90	8.29	8.81

  

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<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>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ariz.....	251	294	240	10.80	9.21	12.80						
Calif.....	7,167	7,973	7,932	10.40	11.00	12.10	156,150	120,600	107,500	49.60	55.60	65.00
Colo.....	245	264	385	9.60	9.40	8.70						
Mich.....	1,129	880	830	10.70	16.30	13.50	29,200	22,680	24,310	44.50	58.00	49.50
Minn.....	293	248	200	8.55	12.00	13.50	17,660	12,300	10,800	44.00	54.30	47.80
N.Y.....	77	159	165	11.00	15.80	18.40	12,080	10,300	11,020	50.00	59.30	60.70
Oreg.....	65	157	167	14.00	17.70	17.30	27,560	27,050	37,120	39.40	44.30	45.70
Tex.....	1,794	1,673	2,287	10.90	10.30	12.40	19,100	18,790	23,150	36.40	42.00	42.60
Wash.....	437	596	519	13.10	14.80	14.80	90,000	67,100	58,740	29.30	34.40	39.50
Other States <sup>4</sup> .....	177	111	168	8.96	13.20	9.93	117,200	80,050	121,600	60.10	68.00	68.00
U.S.....	11,635	12,355	12,893	10.60	11.60	12.40	468,950	359,170	394,240	46.70	53.00	57.50

See footnotes on page 157.

Table 215.—Carrots, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-81

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production	Value <sup>2</sup>		Production	Value <sup>3</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1965.....	79,680	219	17,469	3.50	61,176						
1966.....	79,680	216	17,215	4.02	69,176						
1967.....	81,290	215	17,501	4.16	72,873						
1968.....	72,200	265	19,142	4.31	82,516						
1969.....	79,000	233	18,380	4.37	80,260	11,168	6.22	69,504	360,600	29.80	10,756
1970.....	77,570	234	18,156	3.63	65,953	10,952	5.09	55,783	360,200	28.20	10,170
1971.....	72,330	261	18,866	5.02	94,738	11,671	7.18	83,753	359,750	30.50	10,985
1972.....	75,800	259	19,605	5.14	100,749	12,571	7.21	90,651	351,700	28.70	10,098
1973.....	83,800	266	22,284	4.76	106,034	12,857	7.20	92,532	471,350	28.60	13,502
1974.....	78,550	292	22,924	5.28	121,145	13,289	7.66	101,811	481,750	40.10	19,334
1975.....	70,080	271	19,016	6.88	130,891	12,423	9.38	116,516	329,650	43.60	14,375
1976.....	73,460	262	19,278	5.88	113,371	12,353	8.08	99,785	346,250	39.20	13,586
1977.....	69,630	277	19,271	7.20	138,664	10,735	11.20	120,026	426,800	43.70	18,638
1978.....	76,770	258	19,824	6.74	133,603	11,374	10.00	114,275	422,520	45.70	19,328
1979.....	78,160	269	21,014	6.90	145,052	11,635	10.60	123,168	468,950	46.70	21,884
1980.....	72,500	270	19,539	8.29	161,905	12,355	11.60	142,853	359,170	58.00	19,052
1981 <sup>4</sup> .....	74,500	279	20,777	8.81	183,011	12,893	12.40	160,361	394,240	57.50	22,650

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 170 in 1975, 243 in 1976, 5 in 1977, and 37 in 1978. <sup>2</sup>Price and value on f.o.b. basis. <sup>3</sup>Price and value at processing plant door. <sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 216.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1965-81<sup>1</sup>

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Production	Value <sup>3</sup>		Production	Value <sup>4</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1965.....	24,800	100	2,473	8.22	20,333						
1966.....	25,950	97	2,526	8.62	21,786						
1967.....	26,250	93	2,445	8.77	21,447						
1968.....	27,350	100	2,737	8.77	24,015						
1969.....	27,300	96	2,615	9.47	24,775	1,650	11.80	19,533	48,250	109.00	5,242
1970.....	24,060	96	2,298	9.48	21,786	1,354	12.40	16,776	47,200	106.00	5,010
1971.....	24,960	98	2,456	10.20	25,107	1,274	14.50	18,420	59,100	113.00	6,687
1972.....	28,080	106	2,989	10.60	31,537	1,611	14.60	23,529	68,900	116.00	8,008
1973.....	31,780	93	2,940	11.50	33,902	1,442	16.40	23,625	74,900	137.00	10,277
1974.....	32,220	94	3,033	13.10	39,594	1,553	17.80	27,653	74,000	161.00	11,941
1975.....	31,880	94	2,987	15.20	45,320	1,744	20.00	34,816	62,150	169.00	10,504
1976.....	33,500	92	3,071	16.80	51,714	1,989	21.30	42,381	54,100	173.00	9,333
1977.....	37,210	99	3,674	17.50	64,434	2,113	23.20	49,119	78,050	196.00	15,315
1978.....	41,450	92	3,808	18.20	69,154	1,817	26.40	47,983	99,550	213.00	21,171
1979.....	42,750	96	4,117	19.70	81,121	2,627	25.20	66,137	74,530	201.00	14,984
1980.....	43,320	98	4,255	22.50	95,762	2,801	28.20	79,043	72,720	230.00	16,719
1981 <sup>5</sup> .....	44,120	111	4,902	24.20	118,570	3,254	29.90	97,379	82,390	257.00	21,191

<sup>1</sup>Includes heading (cauliflower) broccoli.

<sup>2</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight); 42 in 1970, 27 in 1973.

<sup>3</sup>Price and value on f.o.b. basis.

<sup>4</sup>Price and value at processing plant door.

<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 217.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1979-81 <sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <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>
<b>Jan.-June:</b>									
Ariz.....	1,800	1,600	1,800	160	176	207	29.70	40.30	36.20
Calif.....	12,800	11,800	12,800	1,156	1,112	1,472	24.70	29.20	28.80
Tex.....	400	720	380	7	56	29	21.40	27.30	25.90
<b>Total.....</b>	<b>15,000</b>	<b>14,120</b>	<b>14,980</b>	<b>1,323</b>	<b>1,344</b>	<b>1,708</b>	<b>25.30</b>	<b>30.60</b>	<b>29.60</b>
<b>July-Dec.:</b>									
Ariz.....	350	600	400	29	63	36	31.80	30.40	35.00
Calif.....	20,900	22,100	21,700	2,031	2,056	2,279	17.50	19.30	22.00
Mich.....	1,100	1,000	1,000	77	50	62	27.70	36.50	37.90
N.Y.....									
Long Island.....	1,500	1,500	1,800	135	156	180	18.70	20.20	24.70
Upstate.....	1,500	1,700	1,700	153	170	204	15.70	19.50	20.00
Oreg.....	2,100	2,000	2,000	357	390	390	10.20	10.60	11.80
Tex.....	300	300	540	12	26	43	35.00	26.10	22.70
<b>Total.....</b>	<b>27,750</b>	<b>29,200</b>	<b>29,140</b>	<b>2,794</b>	<b>2,911</b>	<b>3,194</b>	<b>17.00</b>	<b>18.80</b>	<b>21.30</b>
<b>U.S.....</b>	<b>42,750</b>	<b>43,320</b>	<b>44,120</b>	<b>4,117</b>	<b>4,255</b>	<b>4,902</b>	<b>19.70</b>	<b>22.50</b>	<b>24.20</b>

State	For fresh market						For processing					
	Production			Production			Production			Value per unit		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	<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>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per tons</i>	<i>Dollars per tons</i>	<i>Dollars per tons</i>
Ariz.....	189	239	243	30.00	37.70	36.00						
Calif.....	1,991	2,068	2,443	25.80	28.30	30.60	59,800	55,000	65,400	214.00	248.00	274.00
Other States <sup>3</sup> .....	447	494	568	20.30	23.40	24.60	14,730	17,720	16,990	148.00	174.00	193.00
<b>U.S.....</b>	<b>2,627</b>	<b>2,801</b>	<b>3,254</b>	<b>25.20</b>	<b>28.20</b>	<b>29.90</b>	<b>74,530</b>	<b>72,720</b>	<b>82,390</b>	<b>201.00</b>	<b>230.00</b>	<b>257.00</b>

<sup>1</sup>Includes heading (cauliflower) broccoli.

<sup>2</sup>Preliminary.

<sup>3</sup>Michigan, New York, Oregon, and Texas.

Statistical Reporting Service.

FOOTNOTES FOR TABLE 214

<sup>1</sup>Preliminary.

<sup>2</sup>Estimates discontinued.

<sup>3</sup>Indiana, New Jersey, and Ohio.

<sup>4</sup>Illinois, Indiana, New Jersey, Ohio, and Wisconsin.

Statistical Reporting Service.

**Table 218.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1979-81<sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <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>
Jan.-June:									
Calif.:									
Southern Coast.....	9,300	9,300	10,100	4,934	5,159	5,858	9.49	8.29	10.70
Central Coast.....	600	550	700	396	349	431	15.00	10.20	12.50
Fla.....	9,300	10,400	8,700	4,029	4,431	3,350	11.50	9.42	11.30
Total.....	19,200	20,250	19,500	9,359	9,939	9,639	10.60	8.86	11.00
July-Dec.:									
Calif.:									
Southern Coast.....	1,900	1,900	2,000	1,083	1,112	1,160	7.80	12.90	11.70
Central Coast.....	9,300	9,200	9,500	5,075	5,318	5,083	6.67	8.20	10.70
Fla.....	1,800	1,700	1,200	495	425	360	10.20	15.90	17.20
Mich.....	2,600	3,100	3,200	1,153	1,387	1,440	9.52	9.29	10.90
N.Y.....	600	710	680	281	302	316	9.03	9.32	13.20
Ohio.....	320	390	440	157	172	158	7.70	8.40	12.50
Total.....	16,520	17,000	17,020	8,244	8,716	8,517	7.53	9.39	11.20
U.S.....	35,720	37,250	36,520	17,603	18,655	18,156	9.15	9.11	11.10

<sup>1</sup>Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup>Preliminary. Statistical Reporting Service.

**Table 219.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-81<sup>1</sup>**

Year	Area for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Area 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>
1965.....	30,790	454	13,977	4.43	61,940	1974.....	32,690	504	16,476	5.70	93,956
1966.....	32,710	449	14,680	4.88	71,659	1975.....	31,750	498	15,826	7.46	118,122
1967.....	32,660	450	14,684	4.75	69,719	1976.....	33,660	502	16,904	7.89	133,336
1968.....	32,910	470	15,465	4.65	71,940	1977.....	33,760	491	16,561	8.51	140,978
1969.....	33,180	476	15,790	5.61	88,601	1978.....	36,830	467	17,201	11.90	204,941
1970.....	33,080	469	15,531	5.39	83,642	1979.....	35,720	493	17,603	9.15	161,042
1971.....	33,540	474	15,909	5.46	86,908	1980.....	37,250	501	18,655	9.11	169,896
1972.....	33,220	482	16,021	6.42	102,794	1981 <sup>4</sup> .....	36,520	497	18,156	11.10	201,424
1973.....	33,480	501	16,784	6.04	101,352						

<sup>1</sup>Mostly for fresh market use, but includes quantities used for processing.

<sup>2</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 134 in 1965, 297 in 1966, 823 in 1967, 351 in 1968, 128 in 1969, 22 in 1970, 70 in 1971, 56 in 1973, and 109 in 1974.

<sup>3</sup>Price and value on f.o.b. basis.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

**Table 220.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965–81**

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area for harvest	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>
1965.....	199,480	66	13,198	4.38	57,795	376,690	4.28	1,613,600	22.40	36,159
1966.....	194,860	63	12,204	5.06	61,749	445,650	4.40	1,962,400	22.70	44,637
1967.....	190,100	70	13,219	4.83	63,852	470,550	4.47	2,101,900	25.00	52,541
1968.....	182,880	69	12,670	5.21	66,038	519,160	4.78	2,479,300	25.60	63,405
1969.....	189,100	69	12,996	4.93	64,061	448,700	4.70	2,109,350	25.10	52,983
1970.....	190,000	69	13,102	5.27	69,029	413,650	4.56	1,888,200	23.90	45,134
1971.....	184,800	68	12,654	5.83	73,745	424,600	4.84	2,054,200	24.20	49,781
1972.....	182,400	73	13,284	6.28	83,358	429,830	4.93	2,119,500	25.80	54,754
1973.....	179,800	78	14,008	6.77	94,844	456,100	4.80	2,190,450	29.80	65,163
1974.....	177,400	78	13,909	7.80	108,542	462,150	4.48	2,069,450	54.30	112,306
1975.....	179,400	80	14,398	8.41	121,117	508,700	4.70	2,393,100	53.60	128,227
1976.....	184,100	81	14,921	8.16	121,812	460,980	4.84	2,233,100	48.20	107,703
1977.....	176,800	81	14,343	8.07	115,775	453,980	5.23	2,376,200	49.60	117,879
1978.....	181,100	78	14,061	8.84	124,239	429,610	5.67	2,434,700	49.90	121,445
1979.....	178,400	78	13,929	9.88	137,687	417,640	5.90	2,463,940	51.30	126,439
1980.....	175,450	79	13,911	10.70	149,267	377,400	5.72	2,158,040	53.70	115,826
1981 <sup>4</sup> .....	176,800	78	13,805	11.50	159,302	399,300	5.90	2,354,210	63.10	148,531

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 46 in 1965, 89 in 1966, 30 in 1967, 49 in 1969, 120 in 1970, 349 in 1971, 77 in 1972, and 56 in 1978.

<sup>2</sup>Price and value on f.o.b. basis.

<sup>3</sup>Price and value at processing plant door.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 221.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1979-81

Utilization, season, and State	Area			Production			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
<b>FOR FRESH MARKET</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>
Jan.-June:									
Ala.....	1,400	1,000	2,000	112	50	72	9.80	7.40	7.50
Calif.....	5,100	5,000	5,700	459	525	599	11.30	13.20	13.00
Fla.....	41,500	39,700	38,700	4,177	3,912	3,831	10.20	12.20	11.30
Tex.....	2,500	1,800	2,100	138	117	147	8.00	8.50	14.30
Total.....	50,500	47,500	48,500	4,886	4,604	4,649	10.30	12.10	11.60
July-Dec.:									
Ala.....	2,100	1,300	2,900	122	56	100	13.30	7.90	7.50
Calif.....	8,000	8,150	7,900	925	875	869	9.59	9.37	13.40
Colo.....	3,200	3,200	3,200	320	304	310	7.29	6.50	6.70
Conn.....	4,500	4,500	3,700	342	396	222	8.00	9.01	12.20
Fla.....	12,100	13,200	11,900	774	898	833	11.10	12.20	12.50
Ill.....	4,000	3,800	3,700	348	277	300	8.25	10.50	9.99
Mass.....	7,700	8,200	8,800	647	722	748	8.99	9.09	11.70
Mich.....	11,500	11,500	11,500	667	771	702	8.28	8.92	9.84
N.J.....	9,800	9,500	10,100	686	694	788	10.30	12.10	12.40
N.Y.....	21,700	21,700	22,200	1,411	1,628	1,576	8.43	9.51	10.70
N.C.....	5,200	4,600	4,800	255	258	312	10.00	9.30	10.30
Ohio.....	15,000	15,500	15,000	1,125	1,085	975	11.80	9.88	12.30
Oreg.....	1,800	1,700	1,800	198	170	153	10.80	11.90	13.90
Pa.....	16,300	16,100	15,800	750	773	869	10.50	11.50	12.40
Va.....	2,300	2,200	2,200	230	176	189	8.90	9.90	11.50
Wash.....	2,700	2,800	2,800	243	224	210	9.41	10.20	11.50
Total.....	127,900	127,950	128,300	9,043	9,307	9,156	9.68	10.00	11.50
U.S.....	178,400	175,450	176,800	13,929	13,911	13,805	9.88	10.70	11.50
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons<sup>2</sup></i>	<i>Tons<sup>2</sup></i>	<i>Tons<sup>2</sup></i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Del.....	3,100	2,400	3,000	16,030	11,770	9,420	67.30	85.40	79.50
Idaho.....	23,800	17,800	19,300	189,210	145,780	149,580	52.90	54.70	64.50
Ill.....	44,000	37,800	38,300	251,680	161,030	211,030	51.90	63.50	76.60
Iowa.....	5,000	3,100	3,900	27,000	18,070	22,110	48.50	50.60	47.80
Md.....	10,300	10,600	8,100	47,480	36,150	33,780	57.00	67.60	76.50
Minn.....	98,300	101,200	105,200	562,280	548,500	573,340	46.70	50.00	57.30
N.Y.....	20,500	17,000	21,100	109,260	85,850	98,330	47.00	48.90	62.10
Oreg.....	37,800	33,700	39,900	322,430	292,520	323,590	62.70	62.30	67.00
Pa.....	3,900	4,000	4,100	11,350	14,160	13,160	43.30	49.10	66.10
Wash.....	40,500	36,700	40,100	314,690	304,980	308,770	66.50	60.30	64.70
Wis.....	121,400	106,100	113,400	574,220	513,520	594,220	40.50	44.70	60.10
Other States <sup>3</sup> .....	9,040	7,000	2,900	38,310	25,710	16,880	51.90	53.60	66.90
U.S.....	417,640	377,400	399,300	2,463,940	2,158,040	2,354,210	51.30	53.70	63.10
Grand total.....	596,040	552,850	576,100	3,160,390	2,853,590	3,044,460	83.60	92.90	101.00

<sup>1</sup> Preliminary.<sup>2</sup> Tonnage in husk.<sup>3</sup> 1979—Indiana, Michigan, Texas, Utah, and Virginia; 1980-81—Indiana and Utah.

Statistical Reporting Service.



**Table 222.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-81**

Year	Area for harvest	Yield per acre	Production	Value <sup>1</sup>		Year	Area 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>
1965	10,300	145	1,496	5.62	8411	1974	12,400	176	2,185	8.23	17,993
1966	9,100	134	1,216	6.63	8,062	1975	12,570	191	2,395	9.31	22,286
1967	11,300	140	1,577	5.82	9,186	1976	13,950	168	2,346	10.60	24,916
1968	10,300	134	1,379	6.71	9,249	1977	15,480	167	2,591	9.87	25,561
1969	13,800	143	1,971	5.86	11,544	1978	18,520	184	3,413	9.62	32,846
1970	13,200	146	1,931	5.66	10,936	1979	20,500	170	3,477	10.90	37,761
1971	12,300	166	2,039	6.23	12,712	1980	17,700	180	3,180	13.50	42,864
1972	13,200	175	2,307	6.24	14,390	1981 <sup>2</sup>	19,000	191	3,649	15.40	58,187
1973	14,000	175	2,453	7.47	18,324						

<sup>1</sup>Price and value on f.o.b. basis.    <sup>2</sup>Preliminary.  
Statistical Reporting Service.

**Table 223.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1979-81**

Season and State	Area			Production			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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>
Jan. June:									
Tex.....	6,400	4,200	4,000	800	672	680	13.00	20.40	23.40
Total.....	6,400	4,200	4,000	800	672	680	13.00	20.40	23.40
July-Dec.									
Ariz.....	1,600	1,600	2,300	264	240	345	8.61	9.58	13.30
Calif.....	12,500	1,900	12,800	2,413	2,268	2,624	10.40	11.80	13.30
Total.....	14,100	13,500	15,100	2,677	2,508	2,969	10.20	1.60	13.60
U.S.....	20,500	17,700	19,100	3,477	3,180	3,649	10.90	13.50	15.40

<sup>1</sup>Preliminary.  
Statistical Reporting Service.

**Table 224.—Lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1979-81**

Season and State	Area			Production			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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>Jan-June:</b>									
Ariz.: Yuma.....	19,200	19,700	15,900	3,648	4,374	4,373	12.30	8.35	9.38
Other.....	8,500	4,300	4,800	1,706	1,289	1,560	11.30	14.40	11.80
Calif. <sup>2</sup> .....	68,400	68,000	66,800	18,553	18,456	18,370	9.82	8.13	8.47
Fla.....	10,200	11,300	11,200	2,130	2,350	2,296	19.30	13.70	12.70
N.J.....	1,400	1,300	1,200	231	241	234	9.89	9.66	10.30
N. Mex.....	1,000	700	610	150	126	153	7.66	12.00	11.90
Tex.....	3,600	3,900	3,400	684	702	578	17.00	9.07	9.79
<b>Total.....</b>	<b>112,300</b>	<b>109,200</b>	<b>103,910</b>	<b>27,102</b>	<b>27,538</b>	<b>27,564</b>	<b>11.20</b>	<b>8.98</b>	<b>9.22</b>
<b>July-Dec.</b>									
Ariz.: Yuma.....	13,200	13,100	8,500	2,649	2,413	2,253	7.06	9.23	7.99
Other.....	4,700	4,000	3,500	931	922	700	8.97	11.30	7.99
Calif. <sup>2</sup> .....	92,100	95,600	93,400	26,120	28,478	28,020	7.14	8.29	10.10
Colo.....	6,000	4,600	4,600	1,320	943	1,150	7.74	8.31	10.60
Fla.....	2,600	3,000	2,300	338	375	322	13.80	17.60	18.10
Mich.....	1,400	1,200	1,200	280	252	258	22.00	19.30	28.00
N.J.....	1,300	1,300	1,700	248	273	408	10.10	9.65	11.80
N. Mex.....	3,200	2,800	2,800	640	518	588	9.11	9.90	9.99
N. Y.....	3,600	3,800	3,800	702	798	741	12.00	13.60	18.20
Ohio.....	800	600	550	88	81	61	30.70	34.60	42.90
Tex.....	1,700	900	600	357	158	120	9.42	7.88	13.50
Wash.....	1,200	1,200	1,200	204	240	234	11.70	12.80	13.30
Wis.....	1,100	600	950	237	126	200	8.50	9.60	9.60
<b>Total.....</b>	<b>132,900</b>	<b>132,700</b>	<b>125,100</b>	<b>34,114</b>	<b>35,577</b>	<b>35,055</b>	<b>7.67</b>	<b>8.86</b>	<b>10.40</b>
<b>All groups.....</b>	<b>245,200</b>	<b>241,900</b>	<b>229,010</b>	<b>61,216</b>	<b>63,115</b>	<b>62,619</b>	<b>9.21</b>	<b>8.91</b>	<b>9.89</b>
Hawaii.....	650	660	710	94	99	103	21.10	19.70	22.40
U.S.....	245,850	242,560	229,720	61,310	63,214	62,722	9.23	8.93	9.91

<sup>1</sup>Preliminary.

<sup>2</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1979—Jan.-June, 1,153; July-Dec. 425; 1980—Jan.-June, 235.

Statistical Reporting Service.

Table 225.—Lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1965-81

Year	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Area 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>
1965	214,940	190	40,884	4.61	188,323	1974	228,320	225	51,431	6.93	356,402
1966	216,960	191	41,534	5.31	220,608	1975	228,750	235	53,658	6.71	360,313
1967	221,150	195	42,966	4.99	214,564	1976	225,020	249	55,931	8.26	462,262
1968	220,980	200	44,273	4.51	199,845	1977	231,380	259	59,929	6.94	415,951
1969	228,570	196	44,874	5.41	242,672	1978	239,090	252	60,275	9.90	596,908
1970	234,740	198	46,540	4.75	221,150	1979	245,850	249	61,310	9.23	566,073
1971	216,750	219	47,367	6.31	298,847	1980	242,560	261	63,214	8.93	564,364
1972	220,470	221	48,720	5.73	279,295	1981 <sup>3</sup>	229,720	273	62,722	9.91	621,658
1973	224,950	225	50,535	7.40	374,177						

<sup>1</sup>Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 46 in 1965; 673 in 1966; 124 in 1967; 735 in 1968; 576 in 1969; 915 in 1970; 338 in 1971; 82 in 1972; 1,316 in 1978; 1,578 in 1979, and 235 in 1980.

<sup>2</sup>Price and value on f.o.b. basis.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

Table 226.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1965-82<sup>1</sup>

Year	Stocks in storage Jan. 1			Area for harvest	Yield per acre	Production <sup>3</sup>	Shrinkage and loss	Value <sup>4</sup>	
	In common storage <sup>2</sup>	In cold storage	Total					Per cwt.	Total
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965	4,563	291	4,844	97,170	289	28,078	3,828	3.21	77,945
1966	5,544	250	5,794	93,780	264	24,723	2,247	4.89	107,201
1967	4,079	206	4,285	102,680	278	28,579	2,210	3.95	104,113
1968	4,609	202	4,811	105,920	272	28,769	3,137	3.60	92,390
1969	5,301	214	5,515	100,000	282	28,234	2,239	4.13	107,450
1970	4,351	185	4,536	101,000	302	30,493	3,558	3.67	98,752
1971	5,470	180	5,650	98,800	302	29,803	2,627	3.88	105,330
1972	4,810	170	4,980	94,470	300	28,355	2,457	6.48	167,715
1973	3,961	77	4,038	104,990	283	29,689	2,327	7.57	207,226
1974	4,754	81	4,835	109,730	302	33,151	2,934	4.87	147,182
1975	5,109	80	5,189	103,080	305	31,418	2,944	9.35	266,230
1976	4,430	89	4,519	109,520	322	35,288	3,935	6.93	217,202
1977	5,156	98	5,254	108,550	319	34,583	4,365	6.76	204,313
1978	5,680	63	5,743	121,920	297	36,174	3,958	7.81	254,495
1979	6,556	66	6,622	123,910	312	38,602	4,576	6.98	237,432
1980	7,752	99	7,851	112,960	296	33,476	3,064	11.40	346,539
1981 <sup>5</sup>	6,235	78	6,313	111,630	316	35,242	3,568	14.90	472,106
1982 <sup>5</sup>	5,560	35	5,595						

<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 the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 257 in 1967, 39 in 1970, and 30 in 1976. Includes storage crop onions harvested but not sold because of shrinkage and waste.

<sup>4</sup>Price and value on f.o.b. basis.

<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 227.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1979-81<sup>1</sup>**

Season and State	Area			Production			Shrinkage and loss			Value per unit		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	Acres	Acres	Acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
<b>Spring:</b>												
Ariz.....	1,600	1,400	1,100	536	623	512				8.99	9.43	17.00
Calif.....	5,600	5,100	6,000	1,904	1,683	2,160				10.40	9.77	18.90
Tex.....	21,900	18,300	18,000	3,504	3,569	2,700				9.00	8.63	25.90
<b>Total.....</b>	<b>29,100</b>	<b>24,800</b>	<b>25,100</b>	<b>5,944</b>	<b>5,875</b>	<b>5,372</b>				<b>9.45</b>	<b>9.04</b>	<b>22.20</b>
<b>Summer:</b>												
<b>Non-storage:</b>												
N.J.....	790	680	650	115	75	104				11.90	12.20	15.50
N. Mex.....	3,200	3,900	3,600	960	1,131	1,242				11.10	9.20	16.20
Tex.....	7,600	7,200	6,200	1,520	1,764	1,488				12.70	10.30	19.60
Wash.....	750	780	800	278	257	320				12.70	8.86	16.50
<b>Non-storage total.....</b>	<b>12,340</b>	<b>12,560</b>	<b>11,250</b>	<b>2,873</b>	<b>3,227</b>	<b>3,154</b>				<b>12.10</b>	<b>9.84</b>	<b>17.80</b>
<b>Storage:</b>												
Colo.....	7,800	8,200	9,000	2,535	2,460	2,925	685	570	650	5.64	13.10	14.60
Idaho.....	4,500	4,500	4,800	2,295	2,453	2,448	622	405	490	5.00	14.50	15.50
Mich.....	7,900	7,200	7,300	2,686	1,800	2,446	446	400	411	4.69	13.20	11.70
Minn.....	480	760	750	125	201	199	31	29	35	3.83	12.50	8.61
N.Y.....	14,600	14,300	14,300	4,818	4,433	3,933	458	300	366	7.85	15.10	17.00
Ohio.....	590	540	530	221	165	180	16	14	15	5.31	11.90	11.50
Oreg. (east).....	7,200	6,300	6,200	3,672	3,434	3,162	992	567	632	5.00	14.50	15.50
Oreg. (west).....	2,300	2,400	2,500	1,104	1,104	1,100	209	150	200	3.60	13.80	16.60
Utah.....	2,000	1,900	2,100	830	656	777	133	98	140	4.16	13.20	11.10
Wash.....	3,900	3,300	3,800	1,560	1,320	1,520	574	270	334	4.75	11.70	14.30
Wis.....	1,500	1,200	1,400	435	348	455	50	51	45	4.01	12.30	9.50
<b>Storage total.....</b>	<b>52,770</b>	<b>50,600</b>	<b>52,680</b>	<b>20,281</b>	<b>18,374</b>	<b>19,145</b>	<b>4,216</b>	<b>2,854</b>	<b>3,318</b>	<b>5.65</b>	<b>14.00</b>	<b>14.70</b>
<b>Calif.<sup>3</sup>.....</b>	<b>29,700</b>	<b>25,000</b>	<b>22,600</b>	<b>9,504</b>	<b>6,000</b>	<b>7,571</b>	<b>360</b>	<b>210</b>	<b>250</b>	<b>6.09</b>	<b>7.62</b>	<b>8.62</b>
<b>Total summer.....</b>	<b>94,810</b>	<b>88,160</b>	<b>86,530</b>	<b>32,658</b>	<b>27,601</b>	<b>29,870</b>	<b>4,576</b>	<b>3,064</b>	<b>3,568</b>	<b>6.46</b>	<b>12.00</b>	<b>13.40</b>
<b>U.S.....</b>	<b>123,910</b>	<b>112,960</b>	<b>111,630</b>	<b>38,602</b>	<b>33,476</b>	<b>35,242</b>	<b>4,576</b>	<b>3,064</b>	<b>3,568</b>	<b>6.98</b>	<b>11.40</b>	<b>14.96</b>

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Summer crop—primarily for processing.

Statistical Reporting Service.

**Table 228.—Onions: Foreign trade, United States, 1965-80**

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.
1965.....	550	1,138	1971.....	590	1,269	1977.....	1,345	1,941
1966.....	567	1,675	1972.....	1,458	1,340	1978.....	1,582	2,164
1967.....	921	1,318	1973.....	1,079	1,773	1979.....	1,304	1,851
1968.....	514	1,193	1974.....	909	1,553	1980.....	1,400	2,614
1969.....	837	1,514	1975.....	696	3,169			
1970.....	500	1,398	1976.....	1,403	3,169			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 229.—Peas, green, (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1965-81**

Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>		Year	Area harvested	Yield per acre	Production	Value <sup>1</sup>	
				Per ton	Total					Per ton	Total
	<i>Acres</i>	<i>Tons</i> <sup>2</sup>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Tons</i> <sup>2</sup>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965	441,630	1.37	603,310	99.80	60,199	1974	421,700	1.36	573,150	196.00	112,166
1966	434,080	1.18	510,100	105.00	53,329	1975	437,650	1.30	570,750	218.00	124,604
1967	458,220	1.29	590,750	109.00	64,296	1976	393,020	1.31	513,200	199.00	101,982
1968	452,090	1.29	582,600	107.00	62,370	1977	350,480	1.40	488,950	206.00	100,533
1969	404,150	1.30	524,400	106.00	55,699	1978	355,460	1.30	461,100	206.00	94,853
1970	387,360	1.26	489,550	109.00	53,311	1979	392,320	1.56	613,350	210.00	129,090
1971	386,210	1.37	527,650	107.00	56,676	1980	321,660	1.51	484,240	209.00	101,392
1972	380,670	1.36	516,050	112.00	57,968	1981 <sup>3</sup>	295,090	1.57	463,460	218.00	101,017
1973	423,790	1.20	507,650	119.00	60,530						

<sup>1</sup> Price and value at processing plant door.<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 230.—Peas, green (for processing), commercial crop: Area, production, and value per ton, by States, 1979-81**

State	Area			Production <sup>2</sup>			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<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>
Calif.....	10,300	5,900		20,190	9,790		249.00	230.00	
Colo.....	380			500			270.00		
Del.....	10,000	5,800	7,800	13,200	8,870	12,480	199.00	248.00	238.00
Md.....	7,600	4,000	4,200	12,920	6,200	7,480	187.00	261.00	245.00
Minn.....	73,000	66,300	56,800	111,690	78,230	87,470	220.00	244.00	230.00
N.Y.....	6,200	6,000	7,800	10,420	10,080	14,430	249.00	278.00	317.00
Oreg.....	42,000	32,600	32,300	44,940	54,120	42,310	169.00	173.00	175.00
Wash.....	81,100	57,800	61,600	139,490	95,370	98,560	222.00	193.00	202.00
Wis.....	109,600	101,100	84,200	177,550	153,670	125,460	195.00	197.00	218.00
Other States <sup>3</sup> .....	52,140	42,160	40,390	82,450	67,910	75,270	225.00	227.00	224.00
U.S.....	392,320	321,660	295,090	613,350	484,240	463,460	210.00	209.00	218.00

<sup>1</sup> Preliminary<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> 1979—Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, Utah, and Virginia; 1980—Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, and Utah; 1981—California, Idaho, Illinois, Iowa, Maine, Michigan, Pennsylvania, and Utah.

Statistical Reporting Service.

Table 231.—Potatoes: Production, seed used, and disposition, United States, 1969–80

Year	Production <i>1,000 cwt.</i>	Total used for seed <i>1,000 cwt.</i>	Used on farms where produced		Sold <i>1,000 cwt.</i>
			For seed, feed, and household use <i>1,000 cwt.</i>	Shrinkage and loss <i>1,000 cwt.</i>	
1969	312,578	24,492	9,959	22,657	279,962
1970	325,716	24,555	9,957	23,850	291,909
1971	319,329	22,290	8,927	27,909	282,493
1972	296,359	23,556	7,913	19,996	268,450
1973	300,013	25,257	6,516	18,376	275,121
1974	342,395	23,795	6,472	32,496	303,427
1975	321,978	25,615	6,560	22,177	293,241
1976	357,666	25,566	6,760	26,246	324,660
1977	355,334	25,989	6,718	31,119	317,497
1978	366,314	24,624	6,302	34,439	325,573
1979	342,497	22,436	5,923	30,207	306,367
1980 <sup>1</sup>	302,857	24,061	6,379	23,372	273,106

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 232.—Potatoes: Area, yield, production, and value, United States, 1965–81

Year	Area planted	Area harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per cwt. received by farmers <sup>2</sup>	Value of production
	<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>
1965	1,418.4	1,383.1	210	291,109	2.53	730,527
1966	1,497.6	1,462.6	210	307,242	2.04	622,581
1967	1,499.1	1,459.9	209	305,766	1.87	567,557
1968	1,414.5	1,383.3	214	295,401	2.23	657,202
1969	1,457.6	1,415.5	221	312,578	2.24	697,845
1970	1,449.5	1,421.0	229	325,716	2.21	715,123
1971	1,432.1	1,391.0	230	319,329	1.90	602,907
1972	1,301.1	1,255.6	236	296,359	3.02	895,903
1973	1,329.8	1,306.6	230	300,013	4.90	1,471,942
1974	1,421.6	1,391.6	246	342,395	4.01	1,354,928
1975	1,298.5	1,259.5	256	321,978	4.48	1,442,741
1976	1,404.2	1,371.4	261	357,666	3.59	1,282,521
1977	1,398.9	1,360.2	261	355,334	3.55	1,255,047
1978	1,401.0	1,374.5	267	366,314	3.38	1,224,478
1979	1,310.4	1,270.3	270	342,497	3.43	1,172,123
1980	1,182.0	1,154.4	262	302,857	6.55	1,978,956
1981 <sup>3</sup>	1,257.5	1,231.6	271	333,682	5.40	1,786,281

<sup>1</sup> Excludes 78,000 cwt. not marketed in 1967 and 1,369,000 cwt. in 1971. In 1966 includes 310,000 cwt. unharvested and/or not marketed which were excluded in computing price and value.<sup>2</sup> Obtained by weighing State prices by quantity sold.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 233.—Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1979–1981**

Season and State	Area harvested			Production			Price for crop of—		
	1979 1,000 acres	1980 1,000 acres	1981 1,000 acres	1979 1,000 cwt.	1980 1,000 cwt.	1981 1,000 cwt.	1979 Dollars	1980 Dollars	1981 Dollars
<b>Winter:</b>									
Calif.....	3.3	3.0	3.2	792	705	896	9.80	7.20	12.80
Fla.....	8.6	8.5	8.4	1,591	1,658	1,302	7.15	10.30	20.40
<b>Total.....</b>	<b>11.9</b>	<b>11.5</b>	<b>11.6</b>	<b>2,383</b>	<b>2,363</b>	<b>2,198</b>	<b>8.00</b>	<b>9.40</b>	<b>17.40</b>
<b>Spring:</b>									
Ala.....	7.3	5.0	4.0	1,022	625	720	5.50	6.50	12.60
Ariz.....	6.2	4.4	5.2	1,302	1,276	1,456	4.40	5.25	7.55
Calif.....	28.0	22.5	26.4	11,060	8,775	10,296	4.50	7.30	11.90
<b>Fla:</b>									
Hastings.....	18.5	18.0	20.5	4,255	3,510	5,023	4.15	5.05	8.50
Other.....	.9	.8	1.0	162	136	240	8.65	10.40	15.60
La.....	2.0	1.7	1.6	150	119	128	6.00	8.40	11.70
N.C.....	13.7	13.0	13.3	2,261	1,820	2,062	4.35	5.55	6.75
Tex.....	7.1	6.2	6.0	1,136	806	840	5.30	6.45	8.90
<b>Total.....</b>	<b>83.7</b>	<b>71.6</b>	<b>78.0</b>	<b>21,348</b>	<b>17,067</b>	<b>20,765</b>	<b>4.54</b>	<b>6.46</b>	<b>10.20</b>
<b>Summer:</b>									
Ala.....	9.0	9.5	9.1	1,530	475	1,365	3.90	9.10	10.10
Calif.....	7.7	7.6	8.0	2,695	2,774	2,960	4.75	10.90	11.90
Colo.....	6.9	5.8	6.8	1,898	1,595	1,904	2.95	4.45	5.95
Del.....	5.4	5.1	5.2	1,188	969	1,248	6.70	8.85	9.00
Ill.....	2.0	1.8	2.1	470	414	525	2.80	6.20	4.85
Ind.....	1.8	1.5	1.6	288	240	272	4.00	11.00	7.50
Iowa.....	1.1	1.4	1.5	231	322	270	3.80	7.70	5.60
Md.....	1.7	1.8	1.6	281	306	312	6.40	8.90	8.80
Mich.....	8.6	8.3	8.3	1,548	1,619	1,453	4.40	6.75	7.30
Minn.....	6.3	5.4	6.1	1,796	1,566	1,647	3.55	9.80	7.50
Nebr.....	1.5	1.3	1.1	270	260	220	4.45	8.90	5.85
N.J.....	8.5	8.2	8.1	2,125	1,968	2,066	4.00	8.30	7.00
N. Mex.....	4.4	3.0	4.5	1,210	540	945	3.25	6.85	6.50
N.C.....	3.9	3.7	4.0	468	407	480	5.20	7.80	9.45
Ohio.....	1.4	1.4	1.2	294	308	228	4.85	6.15	7.90
Tenn.....	3.3	2.8	3.1	347	196	279	7.95	7.60	9.80
Tex.....	10.9	7.5	6.7	2,616	1,500	1,541	5.20	15.10	10.00
Va.....	19.2	14.0	16.0	2,592	1,540	2,320	3.85	8.60	9.65
<b>Total.....</b>	<b>103.6</b>	<b>90.1</b>	<b>95.0</b>	<b>21,847</b>	<b>16,999</b>	<b>20,035</b>	<b>4.33</b>	<b>8.96</b>	<b>8.61</b>
<b>Fall:</b>									
Calif.....	17.2	17.4	18.2	6,364	6,438	6,734	5.45	10.80	7.00
Colo.....	39.5	36.5	40.0	11,455	10,950	12,000	2.90	7.05	4.00
Conn.....	2.1	1.8	1.8	462	405	486	5.60	8.20	6.25
<b>Idaho:</b>									
10 S.W. counties.....	30.0	23.0	24.0	10,050	7,820	7,800	<sup>2</sup> 2.95	<sup>2</sup> 5.65	<sup>2</sup> 4.55
Other counties.....	300.0	277.0	301.0	75,000	72,200	72,240			
Ind.....	4.2	3.3	3.0	1,071	726	615	4.80	8.00	5.95
Maine.....	113.0	104.0	104.0	27,685	24,960	26,520	3.25	7.25	4.80
Mass.....	3.4	3.4	3.3	748	748	743	5.60	7.50	6.25
Mich.....	32.0	31.5	30.0	8,000	7,403	7,050	4.45	6.60	6.50
Minn.....	68.0	64.0	70.0	12,920	9,920	13,300	3.05	7.70	5.00
Mont.....	7.5	6.9	7.4	1,800	1,725	1,739	3.60	8.50	8.00
Nebr.....	5.7	6.7	7.9	1,482	1,876	2,252	4.25	6.45	5.70
Nev.....	15.0	13.0	12.0	4,950	4,420	3,480	2.75	5.20	5.20
<b>N.Y.:</b>									
Long Island.....	21.8	18.8	18.5	6,431	4,794	5,365	3.65	10.00	6.20
Upstate.....	23.5	25.0	25.0	6,463	6,250	6,875	4.65	7.95	6.40
N. Dak.....	114.0	112.0	115.0	18,240	15,680	20,125	3.25	6.85	4.50
Ohio.....	10.0	9.5	9.0	2,400	1,995	1,845	4.35	7.90	6.80
<b>Oreg.:</b>									
Malheur County.....	13.0	10.0	10.0	4,810	3,650	3,450	2.95	3.70	4.00
Other counties.....	50.0	37.0	44.0	20,500	16,095	18,260	2.80	4.80	4.45
Pa.....	24.0	22.0	21.0	6,000	4,180	5,250	5.00	7.90	6.50
R.I.....	3.3	3.2	3.2	759	736	800	4.05	6.40	6.00
S. Dak.....	6.5	6.7	5.4	1,203	1,072	702	3.05	3.85	3.60
Utah.....	5.5	5.2	5.8	1,375	1,170	1,276	4.30	5.15	5.00
Vt.....	.7	.6	.7	147	120	147	6.10	8.05	6.10
Wash.....	102.0	87.0	108.0	48,450	43,935	52,380	2.55	4.40	3.80
Wis.....	54.0	50.0	53.5	17,010	16,000	18,190	4.30	10.10	4.40
Wyo.....	5.2	5.7	5.3	1,144	1,340	1,060	4.30	8.20	5.50
<b>Total.....</b>	<b>1,071.1</b>	<b>981.2</b>	<b>1,047.0</b>	<b>296,919</b>	<b>266,428</b>	<b>290,684</b>	<b>3.24</b>	<b>6.36</b>	<b>4.69</b>
<b>U.S.....</b>	<b>1,270.3</b>	<b>1,154.4</b>	<b>1,231.6</b>	<b>342,497</b>	<b>302,857</b>	<b>333,682</b>	<b>3.43</b>	<b>6.55</b>	<b>5.40</b>

See footnotes on page 170.

**Table 234.—Fall Potatoes: Production and total stocks held by growers and local dealers, 15<sup>1</sup> States, 1970–81**

Crop year	Production		Total stocks <sup>1</sup>				
			Dec. 1	Following year			
				Jan. 1	Feb. 1	Mar. 1	Apr. 1
	<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>
1970.....	259,977	171,600	147,550	120,650	98,850		
1971 <sup>2</sup> .....	258,613	172,550	148,600	122,350	97,150		
1972.....	242,390	155,190	132,050	105,690	82,510	57,860	
1973.....	247,686	154,890	131,600	105,360	80,460	55,465	
1974.....	278,679	183,850	160,100	131,480	102,963	75,217	
1975.....	266,422	181,720	156,220	129,710	102,850	70,970	
1976.....	294,978	198,630	172,230	142,030	112,830	81,130	
1977.....	295,421	202,500	175,300	147,930	119,850	88,680	
1978.....	311,981	219,850	193,520	162,980	132,570	99,250	64,830
1979.....	285,060	200,820	176,020	147,910	121,723	92,550	59,535
1980 <sup>3</sup> .....	255,691	171,730	146,610	121,665	97,280	72,460	44,446
1982 <sup>3</sup> .....	285,375	187,790	160,010	132,770	106,735	77,475	46,064

<sup>1</sup> Stocks estimated for the 15 major states (see table 235) starting with the 1980 crop. This table shows stocks and comparable production for the 15 states over the past 11 years. Prior to this year, this table showed data for the 23 major states over a 15 year period.

<sup>2</sup> Beginning 1971, late summer production for New York (Long Island), Wisconsin, and Washington has been classified as "fall."

<sup>3</sup> Preliminary.

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**Table 235.—Fall potatoes: Total stocks held by growers and local dealers, 15<sup>1</sup> States, crop of 1980 and 1981<sup>2</sup>**

State	Crop of 1980						Crop of 1981 <sup>2</sup>					
	Dec. 1, 1980	Jan. 1, 1981	Feb. 1, 1981	Mar. 1, 1981	Apr. 1, 1981	May 1, 1981	Dec. 1, 1981	Jan. 1, 1982	Feb. 1, 1982	Mar. 1, 1982	Apr. 1, 1982	May 1, 1982
	<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>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Calif.....	4,200	3,400	2,600	2,000	1,300	800	4,300	3,600	2,860	2,060	1,455	2,100
Colo.....	7,850	6,700	5,300	4,250	3,100	2,050	8,500	7,250	5,750	4,600	3,300	2,100
Idaho.....	59,00	53,00	46,500	40,000	33,000	21,500	57,500	51,000	44,500	38,000	30,000	19,000
Maine.....	18,900	16,300	13,900	11,300	8,200	4,800	21,300	18,000	15,100	12,400	8,600	5,100
Mich.....	4,500	3,300	2,200	1,400	800	400	5,000	3,900	2,600	1,800	1,200	700
Mont.....	1,630	1,610	1,580	1,300	720	50	1,650	1,630	1,600	1,450	900	300
Nebr.....	1,400	1,250	1,100	900	480	200	1,850	1,600	1,350	1,150	650	200
N.Y.:												
Long Island..	1,850	1,400	900	500	<sup>3</sup> 220	<sup>3</sup> 91	1,860	1,250	750	350	( <sup>4</sup> )	( <sup>4</sup> )
Upstate.....	3,100	2,150	1,300	800	290	155	4,950	2,750	1,900	1,100	<sup>4</sup> 750	<sup>4</sup> 330
N. Dak.....	10,700	8,900	6,500	4,600	2,400	850	14,500	12,200	9,800	7,400	4,600	1,900
Ohio.....	500	300	185	80	( <sup>3</sup> )	( <sup>3</sup> )	680	330	160	75	20	4
Oreg.....	13,300	11,300	9,600	7,500	5,800	3,600	15,200	12,700	10,500	8,300	5,800	4,000
Pa.....	3,300	2,600	1,900	1,250	900	200	4,000	2,300	2,100	1,500	1,050	330
Wash.....	24,500	22,00	18,600	14,600	11,000	7,300	29,200	25,100	21,000	17,000	12,600	8,200
Wis.....	8,600	5,400	3,800	2,800	1,950	1,050	9,100	7,800	5,800	4,150	2,650	1,470
Other States												
15 State total.....	171,730	146,610	121,565	97,280	72,460	44,446	187,790	160,010	132,770	106,735	77,475	46,064

<sup>1</sup> Stocks estimated for the 15 major States starting with the 1980 crop.

<sup>2</sup> Preliminary.

<sup>3</sup> Ohio combined with Long Island to prevent possible disclosure of individual operations.

<sup>4</sup> Long Island combined with upstate New York to prevent possible disclosure of individual operations.

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Table 236.—Potatoes: Area, yield, and production in specified countries, 1979–81 <sup>1</sup>

Continent and country	Area			Yield per hectare			Production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	1,000 hectares	1,000 hectares	1,000 hectares	Metric tons	Metric tons	Metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>									
Canada.....	114	107	108	24.2	23.2	23.6	2,760	2,478	2,541
Mexico.....	85	71	86	11.8	12.6	12.5	1,000	892	1,075
United States.....	514	467	498	30.2	29.4	30.1	15,536	13,737	14,966
<b>Total.....</b>	<b>713</b>	<b>645</b>	<b>692</b>	<b>27.1</b>	<b>26.5</b>	<b>26.9</b>	<b>19,296</b>	<b>17,107</b>	<b>18,582</b>
<b>Europe:</b>									
Belgium-Luxembourg.....	45	47	43	32.4	30.9	33.2	1,460	1,454	1,426
Denmark.....	32	34	34	26.4	25.0	26.8	844	849	910
France <sup>2</sup> .....	225	216	200	26.2	31.8	25.5	5,900	6,864	5,294
Germany, Fed. Rep. of.....	276	258	245	31.6	25.9	31.0	8,716	6,694	7,586
Greece.....	56	55	53	17.0	17.9	18.0	952	984	953
Ireland.....	41	40	34	27.8	28.1	29.4	1,141	1,125	1,000
Italy.....	169	132	123	17.5	18.2	17.9	2,957	2,396	2,204
Netherlands.....	166	172	164	35.8	36.4	39.3	5,937	6,267	6,445
United Kingdom.....	204	206	194	31.8	34.4	32.4	6,485	7,080	6,282
<b>Total EC.....</b>	<b>1,214</b>	<b>1,160</b>	<b>1,090</b>	<b>28.3</b>	<b>29.1</b>	<b>29.4</b>	<b>34,392</b>	<b>33,713</b>	<b>32,100</b>
Austria.....	58	53	50	25.8	23.8	23.5	1,494	1,264	1,176
Cyprus.....	7	8	8	27.1	25.4	24.9	190	203	199
Finland.....	42	41	39	16.0	18.0	12.3	674	736	478
Norway.....	23	23	22	19.8	22.9	24.1	455	527	530
Portugal.....	103	116	118	9.8	9.7	7.2	1,012	1,122	850
Spain.....	351	353	342	15.4	16.3	16.0	5,400	5,742	5,483
Sweden.....	42	42	42	30.6	27.5	29.0	1,284	1,153	1,220
Switzerland.....	23	24	24	41.9	40.8	45.8	964	980	1,100
<b>Total Other Western Europe.....</b>	<b>649</b>	<b>660</b>	<b>645</b>	<b>17.7</b>	<b>17.8</b>	<b>17.1</b>	<b>11,473</b>	<b>11,727</b>	<b>11,036</b>
Bulgaria.....	39	39	37	10.9	11.3	10.0	424	440	370
Czechoslovakia.....	213	190	210	17.5	14.3	16.7	3,725	2,713	3,500
German Dem. Rep.....	549	513	510	22.3	18.0	19.6	12,243	9,214	10,000
Hungary.....	76	65	60	19.9	21.5	15.0	1,512	1,400	900
Poland.....	2,441	2,468	2,258	20.3	10.7	19.1	49,600	26,391	43,074
Romania.....	294	300	256	15.5	13.7	17.7	4,562	4,100	4,540
Yugoslavia.....	296	287	300	9.2	8.5	8.3	2,724	2,440	2,500
<b>Total Eastern Europe.....</b>	<b>3,908</b>	<b>3,862</b>	<b>3,631</b>	<b>19.1</b>	<b>12.1</b>	<b>17.9</b>	<b>74,790</b>	<b>46,698</b>	<b>64,884</b>
<b>Total Europe.....</b>	<b>5,771</b>	<b>5,682</b>	<b>5,366</b>	<b>20.9</b>	<b>16.2</b>	<b>20.1</b>	<b>120,655</b>	<b>92,138</b>	<b>108,020</b>
<b>Soviet Union.....</b>	<b>6,966</b>	<b>6,936</b>	<b>6,856</b>	<b>13.1</b>	<b>9.7</b>	<b>10.5</b>	<b>90,956</b>	<b>67,023</b>	<b>72,000</b>
<b>South America:</b>									
Argentina.....	110	113	117	15.4	13.9	19.2	1,694	1,568	2,247
Bolivia.....	160	131	131	4.5	5.5	5.5	720	720	720
Brazil.....	204	182	10.5	10.7	10.7	10.6	2,149	1,946	1,908
Chile.....	73	89	90	10.6	10.1	11.2	770	903	1,007
Colombia.....	151	164	147	13.7	12.6	12.9	2,066	2,065	1,900
Peru.....	242	194	185	7.0	7.1	8.0	1,695	1,380	1,486
Venezuela.....	17	14	14	13.2	17.6	14.3	225	247	200
<b>Total.....</b>	<b>957</b>	<b>887</b>	<b>864</b>	<b>9.7</b>	<b>10.0</b>	<b>11.0</b>	<b>9,319</b>	<b>8,829</b>	<b>9,468</b>
<b>Africa:</b>									
Egypt.....	60	70	63	17.0	17.3	17.8	1,019	1,214	1,120
Morocco.....	38	28	38	14.3	14.1	14.2	543	396	539
South Africa.....	50	50	50	13.1	13.0	13.0	653	650	650
<b>Total.....</b>	<b>148</b>	<b>148</b>	<b>151</b>	<b>15.0</b>	<b>15.3</b>	<b>15.3</b>	<b>2,215</b>	<b>2,260</b>	<b>2,309</b>
<b>Asia:</b>									
India.....	693	816	825	12.0	12.7	12.8	8,306	10,400	10,600
Israel.....	6	5	6	35.2	34.4	32.5	211	172	195
Japan.....	125	123	126	27.0	27.8	25.8	3,381	3,421	3,250
<b>Total.....</b>	<b>824</b>	<b>944</b>	<b>957</b>	<b>14.4</b>	<b>14.8</b>	<b>14.7</b>	<b>11,898</b>	<b>13,993</b>	<b>14,045</b>
<b>Oceania:</b>									
Australia.....	35	38	36	22.7	24.0	24.9	795	913	896
<b>Grand total.....</b>	<b>15,414</b>	<b>15,280</b>	<b>14,992</b>	<b>16.6</b>	<b>13.2</b>	<b>15.1</b>	<b>255,134</b>	<b>202,263</b>	<b>225,320</b>

See footnotes on page 170.

Table 237.—Potatoes; Utilization, United States, crop years 1974-80

Item	1974	1975	1976	1977	1978	1979	1980 <sup>1</sup>
<b>SALES</b>	<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>
Table stock .....	125,726	114,160	123,091	117,171	112,096	114,957	97,226
For processing:							
Chips and shoestring .....	32,777	34,107	34,583	36,947	37,839	38,276	37,611
Dehydration .....	34,660	33,821	40,354	32,783	33,243	30,784	28,220
Frozen french fries .....	69,206	70,641	79,654	79,949	79,539	74,320	67,222
Other frozen products .....	9,218	9,334	12,872	14,597	15,406	14,420	13,673
Canned potatoes .....	2,561	1,946	1,914	2,797	2,660	2,479	2,052
Other canned products (hash, stews, soups) .....	2,052	2,075	2,557	2,474	2,127	2,251	1,919
Starch and flour .....	3,683	2,182	2,813	2,355	3,460	3,574	2,186
<b>Total</b> .....	<b>154,157</b>	<b>154,106</b>	<b>174,747</b>	<b>171,902</b>	<b>174,274</b>	<b>166,104</b>	<b>152,883</b>
Other sales:							
Livestock feed .....	4,154	4,301	6,325	7,396	7,173	6,636	3,903
Seed .....	19,390	20,674	20,497	21,028	19,990	18,179	19,094
<b>Total diverted</b> <sup>2</sup> .....					12,040	491	0
<b>Total</b> .....	<b>23,544</b>	<b>24,975</b>	<b>26,822</b>	<b>28,424</b>	<b>39,203</b>	<b>25,306</b>	<b>22,997</b>
<b>Total sales</b> .....	<b>303,427</b>	<b>293,241</b>	<b>324,660</b>	<b>317,497</b>	<b>325,573</b>	<b>306,367</b>	<b>273,106</b>
<b>NON-SALES</b>							
Seed used on farms where grown .....	4,405	4,941	5,069	4,961	4,634	4,257	4,967
Household use .....	2,067	1,619	1,691	1,757	1,668	1,666	1,412
Shrinkage and loss .....	32,496	22,177	26,246	31,119	34,439	30,207	23,372
<b>Total non-sales</b> .....	<b>38,968</b>	<b>28,737</b>	<b>33,006</b>	<b>37,837</b>	<b>40,741</b>	<b>36,130</b>	<b>29,751</b>
<b>Total production</b> .....	<b>342,395</b>	<b>321,978</b>	<b>357,666</b>	<b>355,334</b>	<b>366,314</b>	<b>342,497</b>	<b>302,857</b>

<sup>1</sup>Preliminary<sup>2</sup>Quantity of potatoes sold for livestock feed and starch under the USDA Diversion Program. For the 1979 crop, the USDA diversion includes Maine only.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 233

<sup>1</sup>Preliminary.<sup>2</sup>Season average price for all areas.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 236

<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.<sup>3</sup>Excluding home gardens.

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

**Table 238.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1980**

Season and State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
<b>Winter:</b>					
Calif.....	705	54		35	670
Fla.....	1,658	249		10	1,648
<b>Total.....</b>	<b>2,363</b>	<b>303</b>		<b>45</b>	<b>2,318</b>
<b>Spring:</b>					
Ala.....	625	57	1	9	615
Ariz.....	1,276	78	4	26	1,246
Calif.....	8,775	568	21	176	8,578
Fla.....					
Hastings.....	3,510	440	1	13	3,496
Other.....	136	20		1	135
La.....	119	14	4	7	108
N.C.....	1,820	182	61	55	1,704
Tex.....	806	76	28	12	766
<b>Total.....</b>	<b>17,067</b>	<b>1,435</b>	<b>120</b>	<b>299</b>	<b>16,648</b>
<b>Summer:</b>					
Ala.....	475	131	16	19	440
Calif.....	2,774	148	15	55	2,704
Colo.....	1,595	147	10	80	1,505
Del.....	969	80	3	39	927
Ill.....	414	35	12	10	392
Ind.....	240	18	2	5	233
Iowa.....	322	21	16	16	290
Md.....	306	27	7	6	293
Mich.....	1,619	187	87	49	1,483
Minn.....	1,566	96	3	8	1,555
Nebr.....	260	19	16	29	215
N.J.....	1,968	149	8	59	1,901
N. Mex.....	540	72	7	32	501
N.C.....	407	53	84	14	309
Ohio.....	308	22	2	9	297
Tenn.....	196	34	20	7	169
Tex.....	1,500	86	3	53	1,444
Va.....	1,540	200	15	54	1,471
<b>Total.....</b>	<b>16,999</b>	<b>1,525</b>	<b>326</b>	<b>544</b>	<b>16,129</b>
<b>Fall:</b>					
Calif.....	6,438	400	64	580	5,794
Colo.....	10,950	909	690	830	9,430
Conn.....	405	46	2	45	358
Idaho.....	79,840	6,600	1,550	6,666	71,624
Ind.....	726	69	4	29	693
Maine.....	24,960	2,438	1,125	2,200	21,635
Mass.....	748	69	30	38	680
Mich.....	7,403	608	175	725	6,503
Minn.....	9,920	1,108	348	694	8,878
Mont.....	1,725	143	120	120	1,485
Nebr.....	1,876	160	122	188	1,568
Nev.....	4,420	220		530	3,890
N.Y.....					
Long Island.....	4,794	361	9	288	4,497
Upstate.....	6,250	663	171	469	5,610
N. Dak.....	15,680	1,711	400	1,250	14,030
Ohio.....	1,995	176	10	100	1,885
Oreg.:					
Malheur County.....	3,650	206	11	250	3,389
Other counties.....	16,095	918	50	1,725	14,320
Pa.....	4,180	396	135	272	3,773
R.I.....	736	67	3	22	711
S. Dak.....	1,072	79	18	47	1,007
Utah.....	1,170	127	27	122	1,021
Vt.....	120	15	6	5	109
Wash.....	43,935	2,214	425	4,000	39,510
Wis.....	16,000	990	304	1,168	14,528
Wyo.....	1,340	105	134	121	1,085
<b>Total.....</b>	<b>266,428</b>	<b>20,798</b>	<b>5,933</b>	<b>22,484</b>	<b>238,011</b>
<b>U.S.....</b>	<b>302,857</b>	<b>24,061</b>	<b>6,379</b>	<b>23,372</b>	<b>273,106</b>

<sup>1</sup>Preliminary.  
Statistical Reporting Service.

**Table 239.—Potatoes,<sup>1</sup> white: United States exports by country of destination and imports by country of origin, 1978-80**

Item and country	Year beginning October			Item and country	Year beginning October		
	1978	1979	1980		1978	1979	1980
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				<b>Leeward and Windward Islands.....</b>	465	521	423
Germany, Fed. Rep. of.....		37		Netherlands Antilles.....	634	879	876
Netherlands.....	17		30	Trinidad and Tobago.....	87	19	3
Sweden.....	1,017	253	123	Other countries.....		4	3
United Kingdom.....		17		<b>Total.....</b>	<b>4,324</b>	<b>6,780</b>	<b>3,536</b>
Other countries.....		8	4				
<b>Total.....</b>	<b>1,034</b>	<b>315</b>	<b>157</b>	<b>Other countries:</b>			
<b>Latin America:</b>				Canada.....	108,946	77,823	108,249
Argentina.....	5,797			French Pacific Islands.....	39		
Chile.....	4,105			Guinea.....	14	51	49
Costa Rica.....	77	203		Hong Kong.....	223	152	95
Mexico.....	4,379	3,814	11,425	Japan.....	2		
Nicaragua.....	17			Libya.....		178	1,543
Panama.....	98	281	29	Other Pacific Islands.....	18	27	
Other countries.....	79	63	79	Saudi Arabia.....	51	191	51
<b>Total.....</b>	<b>14,552</b>	<b>4,361</b>	<b>11,533</b>	Singapore.....	18	28	62
				Other countries.....	326	204	224
<b>Bermuda and Caribbean:</b>				<b>Total.....</b>	<b>109,637</b>	<b>78,654</b>	<b>110,273</b>
Bahamas.....	1,799	1,527	1,517	<b>Grand total.....</b>	<b>129,547</b>	<b>90,110</b>	<b>125,499</b>
Barbados.....	253	132	3				
Bermuda.....	516	241	365	<b>IMPORTS</b>			
Cayman Islands.....	142	75	124	Certified seed:			
Dominican Republic.....	37	3,198	78	Canada.....	27,751	27,108	71,091
French West Indies.....	391	111	94	Other potatoes:			
Jamaica.....		73	50	Canada.....	34,233	57,863	104,822

<sup>1</sup>Includes seed potatoes.

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

**Table 240.—Potatoes: Foreign trade, United States, 1965-80**

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	<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>
1965.....	1,129	2,855	1971.....	1,098	3,241	1977.....	955	3,630
1966.....	2,743	2,247	1972.....	759	4,430	1978.....	703	3,025
1967.....	1,283	3,592	1973.....	1,874	4,975	1979.....	1,143	2,336
1968.....	2,636	2,569	1974.....	1,453	4,545	1980.....	2,412	2,459
1969.....	1,846	2,971	1975.....	691	9,317			
1970.....	1,230	2,928	1976.....	806	11,617			

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 241.—Sweetpotatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1965-80

Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production	Year	Area harvested	Yield per acre	Production	Price <sup>1</sup>	Value of production
	<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>
1965 .....	168.1	92	15,469	4.22	65,472	1974 .....	118.1	113	13,339	7.34	98,228
1966 .....	154.4	89	13,669	4.56	62,554	1975 .....	114.3	113	12,891	8.59	110,758
1967 .....	139.5	97	13,486	4.48	60,412	1976 .....	114.8	116	13,273	7.50	99,054
1968 .....	135.2	99	13,378	4.89	65,562	1977 .....	107.1	111	11,885	10.50	124,859
1969 .....	136.4	103	14,070	4.18	59,346	1978 .....	112.2	117	13,115	10.60	139,226
1970 .....	127.3	103	13,164	4.38	57,760	1979 .....	114.2	117	13,370	8.92	119,093
1971 .....	112.6	102	11,494	5.22	60,127	1980 .....	102.2	107	10,953	13.60	148,359
1972 .....	113.3	107	12,170	5.73	69,969	1981 <sup>2</sup> .....	109.3	115	12,622	13.70	173,100
1973 .....	111.6	109	12,156	7.32	89,163						

<sup>1</sup> Obtained by weighting State prices by quantity sold.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 242.—Taro: Area, yield, production, price, and value, Hawaii, 1965-81

Year	Area harvested <sup>1</sup>	Yield per acre	Production	Price per pound	Value of production	Year	Area harvested <sup>1</sup>	Yield per acre	Production	Price per pound	Value of production
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965 .....	440	21.5	9,480	0.060	573	1974 .....	460	19.2	8,835	0.102	901
1966 .....	400	22.5	8,990	.062	561	1975 .....	460	16.5	7,592	.112	850
1967 .....	400	20.4	8,155	.071	579	1976 .....	460	16.0	7,350	.127	889
1968 .....	420	21.8	9,140	.074	676	1977 .....	470	16.7	7,870	.127	999
1969 .....	420	20.5	8,605	.078	671	1978 .....	450	17.1	7,680	.134	1,029
1970 .....	470	18.2	8,555	.086	736	1979 .....	400	16.6	6,640	.164	1,089
1971 .....	480	18.4	8,840	.089	787	1980 .....	320	20.0	6,400	.200	1,280
1972 .....	460	19.6	9,020	.084	758	1981 <sup>2</sup> .....	340	17.9	6,100	.214	1,305
1973 .....	460	18.4	8,478	.094	798						

<sup>1</sup> Average during the year.<sup>2</sup> Preliminary.

Statistical Reporting Service.

## VEGETABLES AND MELONS, 1982

**Table 243.—Sweetpotatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1979-81**

State	Area harvested			Production			Price for crop of—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Ala.....	5.7	5.3	5.4	627	530	621	12.10	16.50	17.80
Ark. <sup>2</sup> .....	.7	.6		53	36		9.00	10.00	
Calif.....	9.6	8.4	8.9	1,632	1,512	1,647	14.20	19.20	16.50
Ga.....	5.5	4.5	5.6	633	450	644	10.30	15.20	15.50
La.....	27.0	25.0	26.0	2,565	2,125	2,470	5.00	7.60	7.80
Md.....	1.4	1.3	1.3	217	195	228	8.30	14.40	15.80
Miss.....	4.7	4.6	5.2	447	414	494	8.55	11.60	12.80
N.J.....	2.7	2.4	2.5	311	276	275	13.50	16.40	17.00
N.C.....	40.0	37.0	39.0	4,800	4,255	4,680	7.60	13.40	13.80
S.C.....	3.1	2.5	3.5	341	238	333	12.20	14.30	17.00
Tenn.....	2.0	2.0	1.8	210	160	144	11.10	14.80	15.30
Tex.....	7.9	6.5	7.8	1,027	520	741	11.70	18.60	19.20
Va.....	3.9	2.1	2.3	507	242	345	7.30	10.90	12.60
U.S.....	114.2	102.2	109.3	13,370	10,953	12,622	8.92	13.60	13.70

<sup>1</sup> Preliminary.<sup>2</sup> Estimates discontinued after 1980 crop.

Statistical Reporting Service.

**Table 244.—Sweetpotatoes: Production, seed used, and disposition, United States, 1969-80**

Year	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1969.....	14,070	771	1,642	821	11,607
1970.....	13,164	685	1,520	701	10,943
1971.....	11,494	680	1,309	562	9,623
1972.....	12,170	707	1,223	546	10,401
1973.....	12,156	805	1,323	648	10,185
1974.....	13,339	792	1,285	696	11,358
1975.....	12,891	876	1,244	625	11,022
1976.....	13,273	769	1,244	976	11,053
1977.....	11,885	916	1,176	548	10,161
1978.....	13,115	1,017	1,286	627	11,202
1979.....	13,370	925	1,242	711	11,417
1980.....	10,953	921	1,090	534	9,329

Statistical Reporting Service.

Table 245.—Sweetpotatoes: Production, seed used, and disposition, by States, crop of 1980

State	Production	Total used for seed	Used on farms where produced		Sold
			For seed, feed, and household use	Shrinkage and loss	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Ala.....	530	22	104	34	392
Ark.....	36	3	9	3	24
Calif.....	1,512	45	45	76	1,391
Ga.....	450	24	56	23	371
La.....	2,125	216	202	81	1,842
Md.....	190	8	10	8	177
Miss.....	414	33	46	25	343
N.J.....	276	11	10	26	240
N.C.....	4,255	440	468	213	3,574
S.C.....	238	21	31	11	196
Tenn.....	160	21	32	10	118
Tex.....	520	57	58	17	445
Va.....	242	20	19	7	216
U.S.....	10,953	921	1,090	534	9,329

Statistical Reporting Service.

Table 246.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1965-81

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Area harvested	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1965.....	152,180	134	20,420	9.45	192,990	257,520	17.13	4,411,340	37.20	163,936
1966.....	150,650	135	20,326	9.39	190,840	299,830	15.55	4,662,270	35.70	166,402
1967.....	148,450	138	20,555	9.51	195,553	327,060	15.87	5,189,550	42.80	222,061
1968.....	143,110	136	19,446	11.60	224,921	370,550	18.80	6,967,600	40.20	280,429
1969.....	147,580	130	19,249	11.60	222,983	266,590	18.39	4,901,650	34.70	170,270
1970.....	147,100	124	18,234	11.20	204,609	245,090	20.64	5,058,950	34.00	171,857
1971.....	136,360	131	17,827	13.90	247,511	258,130	21.37	5,515,550	35.50	195,738
1972.....	145,170	137	19,925	14.80	295,582	265,020	21.90	5,803,700	35.20	204,366
1973.....	138,990	141	19,556	16.00	312,217	295,100	20.11	5,934,550	42.00	249,085
1974.....	124,160	162	20,081	17.30	347,415	337,700	20.79	7,019,850	64.50	453,022
1975.....	124,680	169	21,114	18.70	393,866	384,250	22.13	8,508,750	63.20	537,452
1976.....	127,590	171	21,772	19.10	416,562	308,960	20.95	6,471,750	58.00	375,407
1977.....	124,420	160	19,895	20.60	409,230	346,660	22.44	7,779,150	64.10	498,372
1978.....	130,220	172	22,408	19.70	440,379	295,560	21.54	6,367,700	64.20	408,950
1979.....	125,500	186	23,329	22.50	525,482	312,030	23.49	7,329,510	67.60	495,476
1980.....	126,450	201	25,415	20.90	532,224	263,030	23.61	6,210,590	61.00	378,853
1981 <sup>4</sup> .....	128,580	198	25,531	22.10	563,327	253,710	22.51	5,712,230	65.00	371,567

<sup>1</sup>For fresh market, excluding the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 56 in 1965, 406 in 1966, 1 in 1967, 100 in 1970, 19 in 1973, and 44 in 1977. For processing, excluding 200,000 tons not marketed in 1976. In 1968, includes some quantities not delivered because of economic conditions.

<sup>2</sup>Price and value of f.o.b. basis.

<sup>3</sup>Price and value at processing plant door.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

**Table 247.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1979–81**

Utilization and State	Area			Production			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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>									
Jan.-June:									
Ala.....	900	700	750	60	60	71	38.90	50.00	17.50
Ark.....	2,800	2,600	2,400	336	234	252	30.30	32.80	23.50
Calif.:									
Desert.....	2,000	1,300	1,300	340	319	306	27.70	35.70	23.80
Fla.....	28,000	30,500	33,900	7,058	8,405	8,136	23.60	20.00	23.80
La.....	420	350	370	40	28	41	31.30	35.70	25.70
S.C.....	8,000	7,200	8,500	960	1,090	1,530	19.10	17.20	13.50
Tex.....	2,900	2,400	2,700	148	180	135	19.20	33.10	22.30
Total.....	45,020	45,050	49,920	8,942	10,316	10,471	23.50	20.90	22.20
July-Dec.									
Ala.....	4,800	4,100	3,500	384	355	420	34.10	50.80	24.60
Ark.....	300	100	500	66	7	40	24.50	31.70	30.00
Calif.:									
Other.....	27,300	29,200	28,900	6,671	7,384	7,370	20.10	20.80	20.90
Fla.....	11,700	12,400	10,300	3,218	3,472	2,575	23.40	17.60	22.80
Ga.....	2,300	2,100	1,900	186	162	186	22.80	25.80	18.00
Ind.....	1,900	1,500	1,300	266	180	176	16.80	16.40	18.30
Md.....	2,500	2,700	2,800	225	232	266	18.80	14.30	11.90
Mass.....	510	680	760	97	143	163	24.60	21.70	20.10
Mich.....	3,400	3,400	3,400	408	374	391	25.10	24.50	24.50
N.J.....	6,600	6,500	6,600	528	540	693	27.60	17.90	29.70
N.Y.....	3,000	3,200	3,200	390	416	432	25.40	28.60	27.20
N.C.....	1,700	1,800	2,000	238	270	300	19.10	19.90	17.60
Ohio.....	700	650	900	112	91	189	27.20	29.60	28.70
Pa.....	3,900	3,800	3,600	507	456	576	20.00	13.40	14.70
Tenn.....	3,700	3,700	4,300	370	407	516	23.20	21.20	23.50
Tex.....	3,300	3,000	1,500	334	280	120	20.10	31.40	26.90
Va.....	2,600	2,300	2,900	325	253	566	17.80	21.30	24.60
Total.....	80,210	81,130	78,360	14,325	15,022	14,979	21.80	20.90	21.90
Jan.-Dec. total.....	125,230	126,180	128,280	23,267	25,338	25,450	22.50	20.90	22.00
Hawaii.....	270	270	300	62	77	81	35.00	31.00	35.50
U.S.....	125,500	126,450	128,580	23,329	25,415	25,531	22.50	20.90	22.10
<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>
Calif.....	250,000	208,300	204,300	6,350,000	5,540,780	4,903,200	67.50	59.70	61.90
Colo.....	750	470	700	8,100	6,110	9,910	64.60	66.90	72.10
Ind.....	10,600	9,600	5,700	154,760	106,560	83,390	72.70	74.30	89.00
Md.....	2,800	3,400	3,300	35,900	26,900	49,600	60.70	71.00	79.50
Mich.....	5,600	6,000	6,200	101,420	73,680	118,300	68.30	72.90	86.00
N.J.....	7,000	5,400	5,400	98,000	61,990	96,980	70.20	74.20	86.60
Ohio.....	18,700	16,800	14,100	349,320	252,000	253,100	67.80	71.10	85.40
Pa.....	4,400	3,400	4,800	73,260	40,390	80,020	65.80	71.20	80.50
Tex.....	2,000	1,400	1,200	17,400	9,940	6,370	62.10	67.50	75.00
Va.....	3,600	2,100	1,400	42,950	17,960	18,200	70.40	73.60	82.20
Other States <sup>2</sup> .....	6,580	6,160	6,610	98,400	74,280	93,160	65.90	68.30	79.20
U.S.....	312,030	263,030	253,710	7,329,510	6,210,590	5,712,230	67.60	61.00	65.00
Grand total.....	437,530	389,480	382,290	8,495,960	7,481,340	6,988,780	120.00	122.00	134.00

<sup>1</sup> Preliminary.

<sup>2</sup> 1979—Delaware, Florida, Illinois, Iowa, Kentucky, New Mexico, New York, North Carolina, Utah, and West Virginia; 1980–81—Delaware, Florida, Illinois, Iowa, New Mexico, New York, North Carolina, Utah, and West Virginia.

Statistical Reporting Service.



Table 248.—Tomatoes: Foreign Trade, United States, 1965-80

Year beginning July	Imports			Domestic exports				
	Fresh	Canned <sup>1</sup>	Paste	Fresh	Canned <sup>2</sup>	Catsup and sauces	Paste <sup>3</sup>	Juice
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1965 .....	341,124	102,692	38,649	99,550	11,639	17,057	11,524	21,034
1966 .....	382,752	111,550	78,975	96,014	10,741	12,721	8,436	19,201
1967 .....	363,814	158,009	175,010	89,845	6,609	9,591	6,473	17,284
1968 .....	467,129	117,175	128,225	99,530	10,105	10,752	7,946	13,621
1969 .....	630,122	111,656	84,120	92,176	17,835	12,546	17,067	11,747
1970 .....	583,828	143,158	114,663	105,660	18,358	10,290	8,277	14,709
1971 .....	585,240	138,106	107,031	119,802	17,202	12,389	6,755	10,794
1972 .....	739,170	126,287	127,941	147,574	22,701	15,200	10,617	18,316
1973 .....	611,481	72,395	82,714	153,183	25,401	16,538	45,286	11,413
1974 .....	543,734	64,774	25,811	194,183	23,015	19,049	44,535	23,442
1975 .....	629,975	76,531	30,925	199,072	34,293	39,283	24,945	38,094
1976 .....	791,134	74,505	73,957	178,395	24,199	14,967	20,937	48,524
1977 .....	828,748	75,873	56,538	199,556	26,457	16,563	31,636	37,582
1978 .....	710,578	56,944	50,085	239,718	29,564	17,019	23,568	28,742
1979 .....	687,575	31,380	31,602	256,065	44,490	21,717	40,662	26,204
1980 .....	282,484	54,492	29,416	222,158	32,502	26,662	28,065	36,608

<sup>1</sup> Includes "otherwise prepared," if any.

<sup>2</sup> Includes exports for military-civilian feeding abroad.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 251

<sup>1</sup> Fresh vegetable consumption computed for total commercial production for fresh market, including an estimate for commercial production in States where estimates are not made separately. 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 Bureau of the Census. 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> Beginning 1968, included in minor vegetables.

<sup>4</sup> Preliminary.

<sup>5</sup> Included less than 0.05 pound of shallots each year from 1966 through 1967. Beginning 1968, included in minor vegetables.

<sup>6</sup> Beginning 1971, dehydrated onions are excluded from "Onions and shallots" and reported separately.

<sup>7</sup> Includes table stock and processed potatoes.

N.A. not available.

Economic Research Service.

Table 249.—Vegetables and melons: Unloads at 8 markets, by commodities, 1981 <sup>1</sup>

Commodity	Boston			New York <sup>3</sup>			Philadelphia			Baltimore <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</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.
<b>Vegetables:</b>												
Beans (snap, lima, and fava).....		107	107	16	275	291		83	83		61	61
Cabbage.....		462	462		947	947	1	428	429		373	373
Cantaloups.....	251	234	485	554	832	1,386	141	292	433	25	252	277
Carrots.....	338	223	561	521	389	910	209	169	378	42	150	192
Cauliflower.....	6	123	129	23	221	244		100	100		73	73
Celery.....	444	363	807	397	776	1,173	86	364	450	10	296	306
Cucumbers.....		619	619	6	928	934		319	319		231	231
Lettuce-romaine.....	1,338	962	2,300	1,785	2,694	4,479	583	1,227	1,810	138	887	1,025
Mixed vegetables.....	94		94	227		227	63		63	10		10
Onions, dry.....	231	590	821	481	1,191	1,672	203	621	824	125	391	516
Peas, green.....		7	7		13	13		3	3		2	2
Potatoes.....	796	1,524	2,320	1,969	2,985	4,954	653	1,635	2,288	256	1,278	1,534
Watermelons.....		547	547	2	1,149	1,151		454	454		509	509
Miscellaneous.....	250	2,809	3,059	939	5,369	6,308	81	1,787	1,868	9	1,212	1,221
<b>Total.....</b>	<b>3,748</b>	<b>8,570</b>	<b>12,318</b>	<b>6,920</b>	<b>17,769</b>	<b>24,689</b>	<b>2,020</b>	<b>7,482</b>	<b>9,502</b>	<b>615</b>	<b>5,715</b>	<b>6,330</b>

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>5</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</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.
<b>Vegetables:</b>												
Beans (snap, lima, and fava).....		86	86		46	46		179	179		76	76
Cabbage.....		390	390	3	409	412		817	817		289	289
Cantaloups.....	6	212	218	646	301	947		687	687		491	491
Carrots.....	10	122	132	225	168	393		1,608	1,608		415	415
Cauliflower.....		29	29	74	68	142		232	232		86	86
Celery.....	2	115	117	895	235	1,130		1,250	1,250		407	407
Cucumbers.....		123	123		262	262		473	473		190	190
Lettuce-romaine.....	2	772	774	4,129	836	4,965		3,119	3,119		1,482	1,482
Mixed vegetables.....				353		353						
Onions, dry.....	24	697	721	84	629	713	2	1,520	1,522		1,023	1,023
Peas, green.....								9	9		10	10
Potatoes.....	338	1,902	2,240	1,027	2,243	3,270		4,875	4,875		2,616	2,616
Watermelons.....		526	526	1	667	668		1,144	1,144		303	303
Miscellaneous.....		1,372	1,372	492	1,802	2,294	41	7,614	7,655		2,847	2,847
<b>Total.....</b>	<b>382</b>	<b>6,346</b>	<b>6,728</b>	<b>7,929</b>	<b>7,666</b>	<b>15,595</b>	<b>43</b>	<b>23,527</b>	<b>23,570</b>		<b>10,235</b>	<b>10,235</b>

<sup>1</sup>Use of car/carlot equivalents for reporting unloads of fresh vegetables and melons was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 274.

<sup>2</sup>Estimated percentages of completeness for reported truck unloads for 1981 are as follows: San Francisco 80; Atlanta 85; Baltimore 85-90; Chicago, Los Angeles, New York and Philadelphia 90; Boston 90-95.

<sup>3</sup>Includes Newark.

<sup>4</sup>Includes Washington.

<sup>5</sup>Includes Oakland.

Agricultural Marketing Service.

VEGETABLES AND MELONS

Table 250.—Vegetables, and melons, fresh: Total reported domestic rail, truck, and air shipments, 1981<sup>1</sup>

Commodity	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Total
Vegetables:	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.	1,000 cwt.
Asparagus.....	21	50	196	248	152	38	1				2		708
Beans.....	43	18	80	170	136	58	49	76	71	41	104	120	966
Beets.....	13	12	17	16	2						5	10	75
Broccoli.....	399	333	388	387	341	326	282	276	322	355	387	387	4,183
Cabbage.....	1,602	1,541	1,868	1,611	1,116	397	361	548	536	466	502	1,077	11,625
Carrots.....	1,063	997	1,296	1,238	1,111	1,085	796	575	650	664	687	950	11,112
Cauliflower.....	297	234	276	303	256	205	176	191	219	308	342	282	3,089
Celery.....	1,497	1,414	1,492	1,260	1,346	1,444	1,129	919	1,085	1,227	1,764	1,681	16,258
Corn, sweet.....	123	20	88	499	1,431	1,555	619	391	212	200	233	152	5,523
Cucumbers.....	103	62	81	539	1,007	739	390	489	217	459	614	285	4,985
Eggplant.....	49	23	12	52	77	67	29	1	1	41	68	62	482
Escarole- endive.....	67	65	87	71	56					4	32	58	440
Greens.....	187	191	180	126	53	2	1		3	19	62	150	974
Lettuce, iceberg.....	5,067	4,448	4,863	5,317	5,878	5,340	4,561	4,669	5,041	5,156	4,588	3,931	58,860
Lettuce, romaine.....	159	106	73	60	52	22	41	31	28	24	43	107	746
Lettuce, other.....	81	65	49	39	19	8	25	20	16	14	29	53	418
Mixed vegetables.....	25	16	34	45	45	74	96	63	88	103	95	90	774
Onions, dry.....	1,956	1,540	1,317	1,674	2,155	2,255	2,084	2,019	2,554	3,084	2,159	2,078	24,875
Onions, green.....	78	75	87	113	105	96	89	79	97	114	100	94	1,127
Peas, green.....			1	5									6
Peppers, bell.....	251	97	62	370	616	402	332	244	401	415	477	372	4,039
Peppers, other.....						5	12	3	2	2	3	5	32
Potatoes, table.....	9,376	7,791	8,749	8,725	8,947	7,762	7,483	7,747	8,388	8,179	8,249	9,002	100,398
Potatoes, chipper.....	1,413	991	889	898	3,573	2,463	906	910	1,272	1,768	981	1,316	17,380
Potatoes, seed.....	697	786	1,903	2,284	731	24			7	58	143	184	6,817
Radish.....	176	148	207	233	163	36	8	6	18	80	111	164	1,350
Spinach.....	105	83	79	11	6	6	15	13	15	13	26	70	442
Sweet potatoes.....	209	181	173	236	120	25	20	109	283	300	569	433	2,658
Tomatoes.....	1,541	610	163	1,482	2,962	2,971	1,480	1,285	1,541	1,899	1,912	1,913	19,759
Tomatoes, cherry.....	3					50	89	31	25	37	26	15	276
Turnips- rutabagas.....	33	23	22	23	14	14	10	3	1	5	10	13	171
Total.....	26,634	21,920	24,732	28,035	32,470	27,469	21,084	20,698	23,093	25,035	24,323	25,055	300,548
Melons:													
Cantaloupes.....	1	2			892	2,782	2,791	2,656	1,356	524	106	8	11,118
Honeydews.....	23	11	12	6	181	559	492	770	754	349	93	18	3,288
Mixed and miscella- neous.....					7	26	121	153	121	52	36	21	553
Watermelons.....	2	5		9	3,326	7,787	5,754	1,620	175	42	17	13	18,745
Total.....	37	18	12	15	4,406	11,154	9,158	5,199	2,406	967	252	60	33,684
Miscellaneous:													
Artichokes.....	65	68	142	164	84	32	19	27	34	77	42	42	796
Brussels sprouts.....													
Chinese cabbage.....	27	31	29	19	13	1					3	14	137
Miscellaneous herbs.....													
Miscellaneous Oriental.....													
Mushrooms.....													
Okra.....	1	1	1	3	10	12	3	1	3	4	6	3	48
Parsley.....	24	22	27	27	14	1				1	12	23	151
Peas, others.....			1	1	6	2	1			1	1	1	14
Pumpkins.....									3	147			150
Vegetables, other <sup>2</sup> .....	50	45	62	61	115	128	7	3	4	37	73	114	699
Total.....	167	167	262	275	242	176	30	31	44	267	137	197	1,995
Grand total.....	26,838	22,105	25,006	28,325	37,118	38,799	30,272	25,928	25,543	26,269	24,712	25,312	336,227

<sup>1</sup> Use of car/carlot equivalents for reporting shipments of fresh vegetables was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 275.

<sup>2</sup> Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service and shipping points.

Table 251.—Vegetables (fresh), melons, potatoes, sweetpotatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm-weight basis), United States, 1965-81<sup>1</sup>

Year	Toma- toes	Leafy, green, and yellow vegetables										
		Arti- chokes	Aspara- gus	Lima beans (un- shelled)	Snap beans	Broc- coli	Brus- sels sprouts	Cab- bage	Car- rots	Kale	Let- tuce and escar- ole	Green peas (un- shelled)
1965.....	12.0	0.3	0.6	0.3	2.0	0.3	0.1	8.9	7.0	0.1	21.7	0.2
1966.....	12.4	.3	.4	.3	1.9	.3	( <sup>2</sup> )	8.9	6.4	.1	21.6	.2
1967.....	12.4	.4	.4	.3	2.0	.3	.1	9.1	6.5	.1	22.1	.1
1968.....	11.9	.3	.5	( <sup>3</sup> )	1.9	.4	( <sup>2</sup> )	9.3	7.5	( <sup>3</sup> )	22.5	( <sup>3</sup> )
1969.....	11.9	.3	.4	.....	1.8	.4	( <sup>2</sup> )	8.9	6.0	.....	22.5	.....
1970.....	12.3	.3	.5	.....	1.7	.5	( <sup>2</sup> )	8.8	5.9	.....	23.1	.....
1971.....	11.4	.4	.4	.....	1.6	.7	( <sup>2</sup> )	9.2	6.1	.....	23.2	.....
1972.....	12.2	.3	.5	.....	1.6	.7	( <sup>2</sup> )	8.8	6.6	.....	23.3	.....
1973.....	12.6	.3	.4	.....	1.6	.8	( <sup>2</sup> )	9.0	6.7	.....	23.9	.....
1974.....	12.0	.3	.4	.....	1.5	.8	( <sup>2</sup> )	9.1	7.0	.....	24.4	.....
1975.....	12.1	.3	.4	.....	1.6	1.0	( <sup>2</sup> )	9.2	6.5	.....	24.5	.....
1976.....	12.7	.4	.4	.....	1.6	1.1	( <sup>2</sup> )	8.8	6.7	.....	24.3	.....
1977.....	12.5	.3	.3	.....	1.5	1.3	( <sup>2</sup> )	8.5	5.4	.....	25.1	.....
1978.....	13.4	.2	.3	.....	1.4	1.3	( <sup>2</sup> )	9.1	5.7	.....	26.6	.....
1979.....	12.7	.4	.3	.....	1.4	1.4	( <sup>2</sup> )	8.7	6.1	.....	26.7	.....
1980.....	13.4	.3	.3	.....	1.4	1.8	( <sup>2</sup> )	9.0	6.3	.....	27.4	.....
1981 <sup>4</sup> .....	11.0	.5	.3	.....	1.4	2.1	( <sup>2</sup> )	8.6	6.5	.....	26.2	.....

  

Year	Leafy, green, and yellow vegetables—Continued				Other vegetables							
	Pepp- ers	Spin- ach	Minor	Total	Beets	Cauli- flower	Celery	Corn	Cucum- bers	Egg- plant	Garlic	On- ions and shal- lots <sup>5</sup>
1965.....	2.3	0.6	4.6	49.0	0.5	1.0	6.7	8.1	3.1	0.4	0.4	11.4
1966.....	2.4	.6	4.0	47.4	.4	1.0	6.9	7.4	3.0	.4	.3	11.5
1967.....	2.6	.6	3.6	48.2	.4	1.0	6.8	8.0	3.1	.4	.4	12.1
1968.....	2.8	.6	5.5	51.3	( <sup>3</sup> )	1.0	7.2	7.8	2.9	.4	.5	11.9
1969.....	2.6	.5	4.4	47.8	.....	.9	7.3	8.0	3.2	.4	.5	12.5
1970.....	2.4	.5	4.7	48.4	.....	.7	7.2	7.9	3.2	.4	.5	11.9
1971.....	2.5	.5	4.5	49.1	.....	.7	7.3	7.5	3.1	.4	.3	<sup>6</sup> 10.1
1972.....	2.7	.4	4.6	49.5	.....	.8	7.1	7.9	3.3	.5	.4	9.9
1973.....	2.8	.5	4.2	50.2	.....	.8	7.6	8.0	3.0	.6	.5	9.2
1974.....	3.0	.5	4.4	51.4	.....	.8	7.4	7.7	3.4	.5	.7	10.5
1975.....	3.1	.5	4.3	51.4	.....	.9	7.0	7.9	3.2	.5	.8	9.5
1976.....	3.3	.6	3.7	50.9	.....	1.0	7.5	8.2	3.7	.7	.5	10.0
1977.....	3.4	.7	4.6	51.1	.....	1.1	7.2	7.6	4.0	.6	.6	10.0
1978.....	3.5	.5	5.1	53.7	.....	1.1	6.7	7.3	4.2	.6	.8	10.3
1979.....	3.5	.5	5.3	54.3	.....	1.3	7.5	7.4	4.3	.7	1.0	11.2
1980.....	3.6	.8	6.0	56.9	.....	1.4	7.8	7.8	4.3	.6	1.0	9.9
1981 <sup>4</sup> .....	3.5	1.0	6.0	56.0	.....	1.8	7.7	7.1	4.4	.6	.8	9.4

  

Year	Other vegetables— Continued		Total vege- tables	Melons			Total vege- tables and mel- ons	Pota- toes <sup>7</sup>	Sweet pota- toes	Dry edible beans	Dry- field peas	Dehy- drated on- ions <sup>6</sup>
	Minor	Total		Water- melons	Canta- loup- s	Total mel- ons						
1965.....	5.7	37.3	98.3	15.7	7.9	23.6	121.9	107	6.2	6.6	0.4	.....
1966.....	5.2	36.1	95.9	14.8	7.3	22.1	118.0	117	6.3	6.3	.4	.....
1967.....	5.4	37.6	98.2	14.2	8.1	22.3	120.5	108	5.8	6.9	.2	.....
1968.....	6.3	38.0	101.2	14.4	8.6	23.0	124.2	115	5.7	6.4	.3	.....
1969.....	6.4	39.2	98.9	13.8	9.1	22.9	121.8	117	5.7	6.9	.3	.....
1970.....	6.3	38.1	98.8	14.4	8.9	23.3	122.1	117	5.6	6.2	.3	.....
1971.....	6.1	35.5	96.0	14.1	8.5	22.6	118.6	118	4.9	6.4	.3	.....
1972.....	5.7	35.6	97.3	13.2	8.7	21.9	119.2	119	5.1	5.6	.3	2.5
1973.....	5.7	35.4	98.2	13.8	8.0	21.8	120.0	116	5.1	7.0	.5	2.4
1974.....	5.6	36.6	100.0	11.9	7.0	18.9	118.9	113	5.4	5.0	.4	2.8
1975.....	5.5	35.6	99.0	12.2	6.9	19.1	118.1	120	5.3	6.5	.4	3.0
1976.....	5.8	37.5	102.0	13.5	7.0	20.5	122.5	114	5.3	6.0	.4	2.3
1977.....	5.8	37.0	101.2	13.5	7.7	21.2	122.5	120	4.8	6.2	.2	2.7
1978.....	5.7	37.4	104.4	13.2	9.1	22.3	126.7	119	5.0	4.8	.4	2.6
1979.....	6.0	40.0	107.1	12.5	8.9	21.4	128.5	116	5.4	4.7	.4	3.0
1980.....	5.5	37.4	107.9	11.4	7.2	18.6	128.5	116	4.9	4.6	.4	3.1
1981 <sup>4</sup> .....	4.4	36.2	101.0	12.3	8.5	20.8	121.8	N.A.	4.5	5.7	.4	3.0

See footnotes on page 177.

Table 252.—Vegetables, canned: United States pack of selected items, 1965-81

Season	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles <sup>1</sup>	Pimien- tos
	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>
1965.....	7,208	2,981	45,627	10,069	4,753	39,116	37,585	48,073	827
1966.....	7,896	3,531	40,536	11,584	5,838	45,525	31,856	60,234	675
1967.....	6,638	3,963	53,173	12,409	7,342	49,268	37,692	67,127	761
1968.....	6,925	3,818	51,842	14,323	4,726	59,278	36,231	63,220	848
1969.....	6,817	3,596	47,339	11,562	5,490	49,387	32,071	57,904	876
1970.....	5,675	2,776	47,572	11,638	4,999	46,995	28,697	65,946	627
1971.....	5,542	3,116	50,011	10,241	5,710	53,757	33,197	63,072	737
1972.....	5,860	2,116	47,556	9,448	5,093	52,957	33,081	63,969	650
1973.....	5,794	3,150	55,002	11,324	6,160	55,227	29,558	67,066	269
1974.....	5,643	2,523	62,319	14,819	7,193	46,431	33,120	66,864	396
1975.....	3,551	3,729	55,390	13,394	5,035	57,458	35,172	75,516	613
1976.....	3,609	2,812	47,421	9,164	5,327	54,694	31,927	70,986	702
1977.....	3,705	2,657	54,494	11,348	5,973	56,300	30,238	69,871	407
1978.....	3,382	3,356	57,121	12,834	6,609	57,307	25,269	76,776	376
1979.....	2,819	3,061	66,281	14,990	6,928	60,022	36,492	75,367	530
1980.....	2,535	2,833	58,153	11,322	5,084	50,574	30,056	68,227	540
1981 <sup>3</sup> .....	2,844	2,602	59,689	9,555	3,465	57,949	27,296	64,443	608

  

Season	Pumpkin and squash	Sauer- kraut <sup>1</sup>	Spinach	Tomatoes	Tomato juice <sup>4</sup>	Tomato pulp and puree	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>
1965.....	3,854	12,901	6,395	36,015	40,047	6,484	301,935
1966.....	4,553	9,696	6,954	32,662	38,907	7,349	307,796
1967.....	4,592	14,764	7,409	39,127	42,815	8,775	355,855
1968.....	4,551	12,520	7,990	48,422	40,169	13,837	368,700
1969.....	5,244	12,015	6,577	32,036	33,653	7,014	311,568
1970.....	3,973	14,369	7,270	39,017	36,761	5,947	322,262
1971.....	4,581	12,687	7,675	38,367	38,411	7,844	334,948
1972.....	4,064	10,697	8,217	43,301	31,074	9,705	327,788
1973.....	4,632	11,834	8,944	45,431	33,936	9,895	348,222
1974.....	4,214	15,198	10,834	43,794	36,133	10,282	359,762
1975.....	5,805	12,946	8,328	53,465	35,358	13,807	379,567
1976.....	5,500	12,531	6,304	42,614	32,154	8,377	334,122
1977.....	2,962	12,677	7,108	54,124	27,844	9,284	349,532
1978.....	3,353	11,761	6,214	49,241	33,920	8,425	356,544
1979.....	3,997	12,842	8,121	52,896	31,517	10,395	386,308
1980.....	5,219	11,287	6,314	53,096	28,624	7,896	341,760
1981 <sup>3</sup> .....	3,975	13,289	5,458	51,937	17,507	5,687	336,304

<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, 112 cases for 1964, and interim years interpolated; cabbage for kraut, 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 Food Processors Association.

## FOOTNOTES FOR TABLE 256

<sup>1</sup>Data for asparagus, lima beans, sauerkraut, and spinach are either estimates or interpolations.

<sup>2</sup>Actual cases.

<sup>3</sup>Canners' stock of sauerkraut converted to cases by using a factor of 18 cases of 24/303's per barrel (of 45 gallons).

Economic Research Service. Compiled mainly from reports of the National Food Processors Association.

## FOOTNOTES FOR TABLE 258

<sup>1</sup>Preliminary.

<sup>2</sup>Included, with leafy, green, and yellow vegetables because most items included are considered to be greens.

Economic Research Service.

**Table 253.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1965–81 <sup>1</sup>**

Year	Leafy, green and yellow vegetables							Tomato products		
	Asparagus	Lima Beans	Snap beans	Carrots	Peas	Pumpin and squash	Spinach	Whole tomatoes	Catsup and chili sauce	Paste and sauce
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1965	0.8	0.3	4.8	0.6	4.1	0.5	0.8	4.5	5.0	3.9
1966	.7	.2	5.1	.7	4.2	.5	.7	4.6	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	4.9	49.8	
1969	.7	.4	5.7	.6	4.1	.5	.6	4.9		10.1
1970	.7	.4	5.8	.6	3.9	.5	.8	4.8		10.1
1971	.6	.4	5.9	.6	3.8	.5	.7	4.9		9.9
1972	.6	.3	5.8	.8	3.8	.6	.8	5.1		10.2
1973	.7	.3	5.9	.6	4.3	.6	.9	5.8		11.3
1974	.5	.3	5.9	.6	3.5	.6	.9	5.0		12.0
1975	.5	.3	5.6	.6	3.4	.6	.6	4.9		13.5
1976	.6	.3	6.0	.5	3.6	.5	.6	5.2		13.3
1977	.4	.4	5.9	.6	3.9	.4	.6	5.2		13.5
1978	.4	.3	5.7	.5	3.6	.4	.7	5.1		12.8
1979	.3	.4	6.0	.5	3.2	.6	.8	5.8		14.5
1980	.3	.3	6.3	.5	3.3	.2	.5	6.0		11.5
1981 <sup>2</sup>	.3	.3	5.3	.4	3.0	.4	.5	6.1		15.1

  

Year	Tomato products		Other vegetables				Sweet-potatoes	Other <sup>4</sup>	Total
	Pulp and puree	Tomato and vegetable juices	Beets	Corn	Pickles	Sauer-kraut			
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1965	0.8	4.7	1.4	5.5	6.2	1.4	1.3	2.1	45.7
1966	1.0	4.4	1.4	5.2	6.6	1.4	1.2	2.1	49.0
1967	1.0	4.2	1.4	5.4	7.3	1.4	1.1	2.3	50.6
1968	1.1	4.0	1.3	5.8	7.7	1.6	1.3	2.1	52.3
1969	1.0	4.1	1.5	6.1	7.7	1.4	1.5	2.8	53.7
1970	1.0	4.1	1.5	5.9	7.4	1.5	1.2	2.7	52.9
1971	1.0	3.9	1.4	6.2	7.6	1.6	1.2	4.1	54.3
1972	1.1	3.7	1.5	6.5	7.8	1.4	1.1	4.1	55.2
1973	1.1	3.3	1.3	6.4	8.0	1.4	1.3	4.5	57.7
1974	1.2	3.6	1.3	6.0	7.9	1.5	1.5	4.7	56.9
1975	1.1	3.6	1.3	5.1	7.8	1.3	.9	4.0	55.1
1976	1.1	2.8	1.4	5.7	8.4	1.4	.9	3.4	55.7
1977	.9	3.1	1.4	6.3	8.2	1.4	.8	3.2	56.2
1978	1.0	3.0	1.4	6.0	8.4	1.3	1.0	2.6	54.2
1979	1.0	2.8	1.0	5.4	8.7	1.0	1.0	2.3	54.6
1980	.8	3.1	1.2	5.8	7.8	1.3	1.0	2.2	52.1
1981 <sup>2</sup>	.9	1.8	1.2	5.1	7.4	1.2	.7	2.0	51.7

<sup>1</sup>Excludes soups and baby food.

<sup>2</sup>Beginning 1968, classified as "other concentrated products."

<sup>3</sup>Preliminary.

<sup>4</sup>Includes miscellaneous greens, pimientos, potatoes (and potatoes canned in soups and stews beginning 1971), mixed vegetables, and all items for which no separate data are available.

Economic Research Service.

FOOTNOTES FOR TABLE 259

<sup>1</sup>See table 251 for items included. Excludes melons.

<sup>2</sup>Includes dehydrated onions.

<sup>3</sup>See tables 252 and 258 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.

<sup>4</sup>Preliminary.

Economic Research Service.

Table 254.—Vegetables, frozen: Commercial pack, United States, 1972-81

Commodity	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
	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
Artichokes <sup>1</sup> .....		1,584	1,596	2,236	2,262	1,660	363	1,790	984	1,693
Asparagus.....	33,574	20,157	16,190	18,409	23,750	22,474	15,427	23,989	11,232	11,289
Beans, butter.....	11,899	10,947	12,106	8,012	9,431	7,917	12,609	3,876	4,544	8,630
Beans, green, regular cut.....	151,064	178,331	160,666	144,309	114,446	142,239	161,085	162,000	155,996	160,020
Beans, green, French cut.....	83,955	80,459	70,202	59,000	59,974	82,633	95,117	91,686	71,713	78,639
Beans, green, wax.....	6,065	9,462	7,374	6,830	7,000	5,605	7,478	10,629	8,744	9,227
Beans, green, Italian.....	11,300	13,547	13,121	5,987	11,594	15,907	16,667	19,213	16,855	15,443
Beans, whole.....	8,557	9,062	9,004	4,876	4,933	5,376	7,043	9,022	7,473	9,534
Beans, baby lima.....	92,634	98,112	97,163	85,670	43,854	92,154	81,145	82,775	52,788	67,484
Beans, lima, Fordhook.....	52,968	51,577	46,226	50,245	24,973	45,204	38,110	41,498	33,120	21,366
Broccoli.....	234,344	213,165	245,285	191,638	201,513	314,395	276,519	298,618	290,657	306,755
Brussels sprouts.....	55,845	56,836	53,729	54,422	44,845	56,642	71,161	61,353	63,366	62,162
Carrots.....	165,879	231,688	248,081	165,869	181,277	263,769	238,415	263,080	191,151	269,845
Cauliflower.....	94,070	96,098	93,754	76,056	67,807	96,670	127,513	101,130	84,766	105,161
Celery.....	11,136	13,421	9,089	7,077	10,286	9,642	17,507	17,494	8,729	11,762
Collards.....	21,760	20,885	20,366	14,126	17,022	19,269	17,901	16,534	13,206	16,051
Corn, cut.....	273,776	294,223	298,224	288,067	282,391	260,773	303,155	310,648	270,531	313,982
Corn-on-cob.....	133,064	166,830	152,330	183,381	187,582	265,183	307,079	269,422	258,567	305,390
Kale.....	5,647	4,425	5,029	5,071	4,597	6,515	5,403	3,637	4,292	4,788
Mushrooms <sup>2</sup> .....					5,938	10,465	8,848	14,193	14,708	22,074
Mustard greens.....	12,643	14,593	11,589	10,238	10,396	13,857	10,595	10,020	7,465	13,011
Okra.....	27,924	40,597	42,992	27,970	27,489	41,551	46,295	33,305	41,698	43,774
Onions.....	110,672	114,679	111,228	121,101	148,963	152,718	154,080	167,239	156,081	159,874
Peas, blackeye.....	38,004	41,974	30,881	21,745	31,368	36,054	36,981	21,099	20,933	33,404
Peas, green.....	340,075	387,749	416,682	400,587	340,366	333,954	357,717	427,461	315,577	333,888
Peppers, green and red <sup>3</sup> .....	10,802	8,220	15,381	9,601	8,447	14,316	11,993	10,661	15,367	16,147
Potato products.....	2,593,848	2,691,073	2,984,881	3,000,983	3,335,051	3,622,823	3,848,810	4,089,732	3,853,156	4,236,239
Pumpkin and cooked squash.....	29,708	29,047	32,641	29,802	22,177	25,168	25,058	23,667	23,000	37,806
Rhubarb.....	12,177	12,855	7,102	5,986	8,231	8,626	4,856	7,899	8,444	6,483
Spinach.....	160,050	159,501	177,892	129,399	160,247	167,766	147,389	181,279	169,298	183,646
Squash, summer.....	28,494	26,343	31,330	27,906	35,377	41,598	43,826	38,149	36,737	46,833
Sweetpotatoes and yams.....	6,973	7,504	5,828	11,378	12,038	11,091	15,483	14,981	16,135	19,993
Turnip greens.....	19,365	18,630	11,120	15,545	14,457	17,168	13,735	15,948	10,705	13,020
Turnip greens with turnips.....	20,160	25,450	23,381	17,562	22,011	25,331	23,511	23,210	21,321	19,243
Miscellaneous vegetables.....	16,629	9,374	10,728	11,882	8,942	9,296	11,859	7,922	9,890	7,682
Total.....	4,874,561	5,158,398	5,473,141	5,212,966	5,491,035	6,245,809	6,560,733	6,875,159	6,269,229	6,972,328

<sup>1</sup>Included in "Miscellaneous vegetables" prior to 1973.<sup>2</sup>Included in "Miscellaneous vegetables" prior to 1976.<sup>3</sup>Included in "Miscellaneous vegetables" prior to 1972.

Economic research service. Data from American Frozen Food Institute.

Table 255.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1981

Commodity	East and South <sup>1</sup>	Midwest <sup>2</sup>	West <sup>3</sup>	Northwest <sup>4</sup>	California	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Artichokes					1,693	1,693
Asparagus					<sup>5</sup> 11,289	11,289
Beans, butter	<sup>6</sup> 8,630					8,630
Beans, green, regular cut	58,620	25,741	75,659			160,020
Beans, green, French cut	32,943	3,537	42,159			78,639
Beans, wax	<sup>7</sup> 9,227					9,227
Beans, green, Italian		<sup>8</sup> 15,443				15,443
Beans, whole	2,879	733	5,922			9,534
Beans, baby lima	<sup>9</sup> 15,575		51,909			67,484
Beans, lima Fordhook	<sup>9</sup> 21,356					21,356
Broccoli	<sup>9</sup> 18,055				288,700	306,755
Brussels sprouts	<sup>6</sup> 62,162					62,162
Carrots	<sup>6</sup> 66,743			120,575	82,527	269,845
Califlower	19,791				85,370	105,161
Celery	11,762					11,762
Collards	16,051					16,051
Corn, cut	23,493	55,978	284,511			313,982
Corn-on-cob	31,702	107,790	165,898			305,390
Kale	4,788					4,788
Mustard greens	13,011					13,011
Okra	43,774					43,774
Onions			159,874			159,874
Peas, blackeye	33,404					33,404
Peas, green	54,564	44,300		223,461	11,563	333,888
Peppers, green and red	<sup>7</sup> 16,147					16,147
Potato products	<sup>10</sup> 4,236,239					4,236,239
Pumpkins and cooked squash	<sup>7</sup> 37,806					37,806
Rhubarb	<sup>5</sup> 1,322		5,161			6,483
Spinach	28,112				155,534	183,646
Squash, summer	46,833					46,833
Sweetpotatoes and yams	19,993					19,993
Turnip greens	13,020					13,020
Miscellaneous vegetables	<sup>11</sup> 7,682					7,682
Turnip greens with turnips	19,243					19,243
Mushrooms	22,074					22,074
Total	4,997,001	253,522	741,093	344,036	636,676	6,972,328

<sup>1</sup>Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia. <sup>2</sup>Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. <sup>3</sup>California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. <sup>4</sup>Idaho, Oregon, and Washington. <sup>5</sup>East, South, West, Washington, and California. <sup>6</sup>East, South, and West. <sup>7</sup>East, South, Midwest, and West. <sup>8</sup>East, Midwest, and West. <sup>9</sup>East, South, and Midwest. <sup>10</sup>East, South, Midwest, and Northwest. <sup>11</sup>Regional packs not reported; allocated on basis of aggregate packs of other items.

Economic Research Service. Data from American Frozen Food Institute.

Table 256.—Vegetables, canned: Cannery and distributors' stocks, beginning of season, United States, 1979-81

Commodity	Season beginning—	Cannery stocks			Distributors' stocks <sup>1</sup>		
		1979	1980	1981	1979	1980	1981
		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>
Asparagus	March	1,026	1,093	707	459	343	333
Beans, lima	August	466	546	841			
Beans, snap	July	6,101	9,912	14,012	3,285	3,637	3,916
Beets	July	3,449	6,380	5,585	956	985	947
Carrots	July	1,821	3,300	2,048	585	472	472
Corn	July	10,188	9,966	5,189	4,142	4,447	4,667
Peas, green	June	1,787	6,095	5,979	2,459	2,476	2,966
Pumpkin and squash	July	638	641	435	197	217	229
Sauerkraut <sup>3</sup>	August	2,276	2,580	2,145	554	503	549
Spinach	March	1,190	2,994	3,355	569	533	515
Tomatoes	July	10,866	9,017	7,423	3,338	3,229	3,450
Tomato juice	July	5,101	5,170	2,509	1,454	1,396	1,428
Total of these items		44,909	57,694	50,228	17,998	18,238	19,472

<sup>1</sup>See footnotes on page 181.



Table 257.—Frozen vegetables and potato products: Cold-storage holdings end of month, United States, 1980 and 1981

Month	Total green beans		Total broccoli		Total carrots		Total sweet corn	
	1980	1981	1980	1981	1980	1981	1980	1981
	<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>
January .....	159,851	167,224	88,936	84,960	151,409	121,023	378,216	318,734
February .....	141,946	143,573	78,660	76,342	139,340	104,382	333,182	258,385
March .....	122,858	121,493	85,817	72,827	125,418	91,686	286,572	200,503
April .....	105,928	101,473	80,880	75,022	119,256	77,941	244,330	148,267
May .....	90,475	82,839	90,524	85,195	106,869	69,578	186,880	109,698
June .....	91,203	80,864	107,052	89,832	99,544	63,697	151,482	79,685
July .....	132,552	130,294	112,516	94,638	93,513	57,348	120,333	54,833
August .....	233,116	213,007	110,680	107,364	78,298	54,473	183,932	188,133
September .....	240,465	233,420	104,254	103,640	81,287	47,902	362,694	411,786
October .....	228,509	225,302	103,177	94,472	114,539	93,263	447,817	458,975
November .....	215,008	201,875	101,094	94,004	145,098	145,505	406,596	410,190
December .....	190,351	177,761	99,154	84,086	137,681	150,326	359,715	353,293

  

Month	Total lima beans		Cauliflower		Spinach		Brussels sprouts	
	1980	1981	1980	1981	1980	1981	1980	1981
	<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>
January .....	107,690	83,565	75,982	66,010	42,242	40,549	43,964	51,563
February .....	99,519	71,090	67,635	56,829	30,316	33,056	40,275	46,107
March .....	88,743	59,831	57,718	45,533	51,983	62,544	37,460	39,158
April .....	81,712	47,621	50,002	35,233	91,920	107,482	34,312	35,439
May .....	74,498	37,245	41,432	28,650	96,391	116,040	29,626	31,235
June .....	64,847	28,765	40,646	27,591	95,526	112,139	25,085	27,406
July .....	58,619	24,031	44,324	25,094	89,112	107,714	21,402	24,168
August .....	65,617	33,675	45,318	29,790	78,181	99,165	19,767	20,845
September .....	102,841	61,549	47,085	37,959	70,834	90,804	22,872	25,189
October .....	112,273	73,494	63,752	42,610	66,888	82,412	42,243	38,477
November .....	103,368	72,254	71,197	57,024	60,895	73,147	51,567	50,507
December .....	90,217	61,768	69,441	57,821	59,903	63,094	54,893	51,220

  

Month	Total onions		Green peas		Total frozen vegetables		Total frozen potatoes	
	1980	1981	1980	1981	1980	1981	1980	1981
	<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>
January .....	26,716	27,669	232,491	181,101	1,659,995	1,474,104	835,136	707,451
February .....	28,674	27,642	194,796	149,845	1,491,277	1,270,048	868,210	757,768
March .....	27,632	24,838	151,135	121,581	1,349,387	1,121,435	906,607	774,380
April .....	26,962	20,497	135,737	90,003	1,260,811	1,000,562	908,238	792,554
May .....	28,621	20,572	122,456	68,808	1,153,536	899,641	958,714	812,424
June .....	26,074	19,195	178,284	138,057	1,186,891	936,341	964,030	792,741
July .....	27,115	22,635	317,626	261,871	1,346,390	1,108,326	814,343	592,180
August .....	25,506	27,157	355,740	314,448	1,549,298	1,416,934	598,472	457,912
September .....	24,795	26,283	328,166	295,069	1,738,761	1,677,725	626,500	563,896
October .....	26,822	28,768	294,539	250,657	1,866,963	1,751,287	754,255	718,375
November .....	28,921	28,735	259,922	212,063	1,816,017	1,727,064	813,166	746,935
December .....	28,012	28,382	226,556	180,260	1,662,714	1,575,325	729,912	688,688

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## VEGETABLES AND MELONS, 1982

**Table 258.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1965–81**

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Peas	Broccoli	Brussels sprouts	Southern greens
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1965	0.2	0.9	0.7	0.5	2.0	0.7	0.2	.....
1966	.2	1.1	.7	.6	2.0	.7	.2	.....
1967	.2	.9	.7	.7	1.9	.8	.2	.....
1968	.2	1.0	.7	.7	2.1	.8	.2	.....
1969	.2	1.0	.6	.7	1.8	.8	.2	.....
1970	.1	1.0	.7	.8	1.9	.8	.2	.....
1971	.1	1.0	.6	.7	1.8	.9	.2	.....
1972	.1	1.1	.6	.8	1.8	1.0	.2	.....
1973	.1	1.1	.7	1.0	1.8	1.1	.2	.....
1974	.1	1.1	.6	1.0	1.7	1.0	.3	.....
1975	.1	.9	.5	.9	1.7	1.0	.2	0.3
1976	.1	1.1	.5	.9	1.6	1.0	.2	.3
1977	.1	1.0	.5	1.0	1.5	1.1	.2	.3
1978	.1	1.0	.5	1.0	1.5	1.4	.3	.3
1979	.1	1.1	.5	1.1	1.7	1.3	.3	.4
1980	.1	1.0	.5	.9	1.5	1.4	.2	.2
1981 <sup>1</sup>	.1	1.1	.5	1.0	1.6	1.5	.3	.3

Year	Leafy, green and yellow vegetables—Continued		Other vegetables			Total vegetables excluding potatoes	Potato products	Grand total
	Spinach	Other <sup>2</sup>	Cauliflower	Corn, cut basis	Onions			
						Pounds	Pounds	Pounds
1965	0.6	1.1	0.2	1.1	.....	8.1	5.7	13.8
1966	.7	1.2	.2	1.3	.....	8.8	6.9	15.8
1967	.7	1.2	.2	1.6	.....	9.1	7.6	16.6
1968	.7	1.3	.3	1.6	0.2	9.7	8.5	18.2
1969	.7	1.2	.3	1.4	.2	9.1	9.8	18.9
1970	.7	1.1	.3	1.6	.2	9.6	11.1	20.8
1971	.7	1.2	.4	1.5	.3	9.5	12.1	21.6
1972	.7	1.1	.4	1.5	.5	9.8	12.2	22.0
1973	.7	1.3	.4	1.6	.5	10.5	13.2	23.7
1974	.8	.9	.4	1.6	.5	10.7	13.1	23.1
1975	.6	.9	.4	1.5	.6	9.6	13.7	23.3
1976	.7	1.1	.4	1.5	.6	10.0	14.6	24.6
1977	.7	.9	.4	1.7	.7	10.1	15.7	25.8
1978	.7	.9	.5	1.8	.7	10.7	17.2	27.9
1979	.7	.8	.5	2.1	.7	11.3	17.7	29.0
1980	.8	.7	.5	1.9	.7	10.4	16.9	27.3
1981 <sup>1</sup>	.8	.9	.6	2.1	.7	11.5	18.2	29.5

See footnotes on page 181.

**Table 259.—Commercially produced vegetables: Civilian per capita consumption, United States, 1965–81**

Year	Fresh equivalent					Percentage of annual total			
	Total fresh and processed	Fresh <sup>1,2</sup>	Processed <sup>3</sup>			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1965	201.0	98.3	102.7	85.3	17.4	48.9	51.1	42.4	8.7
1966	201.5	95.9	105.6	86.7	18.9	47.6	52.4	43.0	9.4
1967	209.4	98.2	111.2	91.3	19.9	46.9	53.1	43.6	9.5
1968	214.9	101.2	113.7	92.7	21.0	47.1	52.9	43.1	9.8
1969	213.1	98.7	114.2	94.9	19.3	46.4	53.6	44.6	9.0
1970	213.8	99.1	114.6	94.0	20.6	46.4	53.6	44.0	9.6
1971	209.5	95.5	113.8	93.6	20.2	46.3	53.7	44.2	9.5
1972	214.0	96.8	116.7	96.3	20.4	46.0	54.0	44.6	9.4
1973	221.7	97.5	123.5	101.6	21.9	44.9	55.1	45.3	9.8
1974	221.9	99.2	121.8	100.9	20.9	44.2	54.2	44.9	9.3
1975	220.6	98.0	121.7	101.9	19.8	43.8	54.4	45.6	8.8
1976	226.3	100.8	123.4	102.9	20.5	44.3	54.2	45.2	9.0
1977	226.4	101.5	125.2	104.1	21.1	44.8	55.2	45.9	9.3
1978	224.9	103.7	120.1	98.7	21.4	46.3	53.7	44.1	9.6
1979	231.8	105.9	122.6	99.6	23.0	46.4	53.7	43.6	10.1
1980	236.3	111.0	125.3	106.0	19.3	46.9	53.0	44.8	8.2
1981 <sup>4</sup>	232.4	108.4	124.0	101.1	22.9	46.6	53.4	43.5	9.9

See footnotes on page 182.

## CHAPTER V

# STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

For most fruits, production is estimated at two levels—total and utilized. Total production is the quantity actually harvested plus quantities not harvested primarily for economic reasons. Utilized production is the amount sold plus the quantities used at home or held in storage. The difference between total and utilized production is the quantity of mature fruit not harvested for economic reasons or excess cullage of harvested fruit. 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 commercial production. The estimates for strawberries cover production on area grown primarily for sale. Statistics on utilization of fruit by commercial processors refer to first utilization, not necessarily final utilization. For example, frozen fruit includes fruit which may later be used for preserves.

The price shown for each crop is a season average price for all methods of sales. Prices for most fresh fruit are the average prices producers received at the point of first sale, commonly referred to as the "average price as sold." Since the point of first sale is not the same for all producers, prices for the various methods of sale are weighted by the proportionate quantity sold. For example, if in a given State part of the fruit crop is sold f.o.b. packed by growers, part sold as bulk fruit at the packinghouse door, and some sold retail at roadside stands, the fresh fruit average price as sold is a weighted average of the average price for each method of 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.

**Table 260.—Fruits and planted nuts: Bearing area, United States, 1965-81**

Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3,4</sup>	Plant-ed nuts <sup>5</sup>	Fruits and plant-ed nuts	Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3,4</sup>	Plant-ed nuts <sup>5</sup>	Fruits and plant-ed nuts
	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
1965	830.3	1645.7	150.4	274.6	2,901.0	1974	1,177.8	1,566.8	161.7	421.7	3,328.0
1966	881.1	1,624.4	168.7	283.3	2,957.5	1975	1,181.3	1,604.1	159.4	441.9	3,386.7
1967	951.7	1,606.0	167.7	290.7	3,016.1	1976	1,178.6	1,652.7	162.2	455.1	3,448.6
1968	1,001.5	1,602.1	164.6	302.0	3,070.2	1977	1,159.3	1,687.0	167.6	482.9	3,496.8
1969	1,065.2	1,598.2	162.6	319.3	3,145.3	1978	1,140.6	1,661.3	210.7	519.4	3,532.0
1970	1,122.6	1,560.1	160.3	343.5	3,186.5	1979	1,136.0	1,648.4	218.3	538.5	3,541.4
1971	1,180.8	1,540.4	160.8	365.7	3,247.7	1980	1,137.2	1,654.7	227.2	563.0	3,582.1
1972	1,154.0	1,521.6	158.7	384.0	3,218.3	1981 <sup>6</sup>	1,131.7	1,647.5	196.8	559.8	3,535.8
1973	1,174.5	1,527.8	158.8	398.7	3,259.8						

<sup>1</sup> Oranges, tangerines, lemons, grapefruit, lemons, limes, and tangelos. Area is for the year of harvest.

<sup>2</sup> Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.

<sup>3</sup> Avocados, bananas, berries, dates, figs, kiwifruit (beginning 1980), nectarines, olives, papayas, pineapples, and pomegranates.

<sup>4</sup> Persimmons discontinued after 1977; bushberries in 1981.

<sup>5</sup> Walnuts, almonds, macadamia nuts, and filberts. Pistachios beginning 1977.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

Table 261.—Fruits: Production in tons, United States, 1965–81<sup>1</sup>

Year	Apples, commercial crop <sup>2</sup>	Peaches	Pears	Grapes (fresh basis)	Cherries	Prunes and plums (fresh basis)	Apricots	Figs (fresh basis)	Olives
	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
1965	3,070	1,737	500	4,351	265	606	226	61	50
1966	2,881	1,695	748	3,734	206	492	194	68	63
1967	2,718	1,344	464	3,069	200	584	148	42	14
1968	2,735	1,818	624	3,549	229	534	149	52	86
1969	3,410	1,842	727	3,898	286	496	229	59	70
1970	3,199	1,498	549	3,103	246	787	175	50	52
1971	3,187	1,441	749	3,994	280	582	186	46	55
1972	2,939	1,186	612	2,579	252	359	128	36	24
1973	3,133	1,295	730	4,198	246	783	158	42	70
1974	3,290	1,459	742	4,199	279	659	94	45	59
1975	3,765	1,418	784	4,366	301	656	183	38	67
1976	3,236	1,509	839	4,398	246	666	155	32	80
1977	3,370	1,478	782	4,298	254	727	147	42	43
1978	3,799	1,326	723	4,567	247	643	126	32	126
1979	4,072	1,476	855	4,989	267	664	144	39	62
1980	4,414	1,540	897	5,595	281	823	129	45	109
1981 <sup>3</sup>	3,872	1,394	892	4,458	220	767	89	38	43

  

Year	Oranges <sup>4</sup>	Tangerines <sup>4</sup>	Grapefruit <sup>4</sup>	Lemons <sup>4</sup>	Limes <sup>4</sup>	Tangelos <sup>4</sup>	Templets <sup>4</sup>	Strawberries, commercial crop	Pineapples
	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
1965	4,988	200	1,667	540	22	45	171	216	940
1966	5,808	193	1,894	599	17	54	202	232	1,006
1967	7,924	227	2,286	681	17	76	225	237	1,010
1968	5,436	163	1,781	641	29	76	202	263	921
1969	7,898	197	2,207	600	28	81	202	243	915
1970	8,023	189	2,186	574	29	113	234	248	954
1971	8,205	234	2,473	625	35	122	225	260	942
1972	8,237	220	2,627	634	44	162	239	280	947
1973	9,737	223	2,676	844	44	140	230	240	810
1974	9,386	210	2,692	676	42	167	239	269	700
1975	10,241	228	2,504	1,118	44	212	239	275	720
1976	10,493	236	2,850	670	43	248	248	290	680
1977	10,546	249	3,032	988	40	216	171	331	690
1978	9,546	228	3,030	991	18	221	221	330	675
1979	9,160	237	2,757	745	29	189	212	319	681
1980	11,832	275	2,986	789	44	288	170	351	657
1981 <sup>3</sup>	10,524	239	2,759	1,208	48	221	262	370	636

  

Year	Avocados <sup>6</sup>	Nectarines	Cranberries	Bananas	Bushberries	Dates	Papayas	Persimmons	Pomegranates	Total <sup>5</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	1,000 tons
1965	61	67	71	4	42	21	10	2	3	19,936
1966	80	68	79	4	49	21	9	2	3	20,401
1967	52	55	70	4	44	21	11	1	2	21,526
1968	74	64	73	3	38	23	12	2	3	19,580
1969	46	66	91	3	43	17	10	2	7	23,673
1970	86	67	102	3	40	18	12	2	8	22,547
1971	45	70	113	3	35	20	10	1	9	23,947
1972	89	87	104	3	31	16	13	3	7	21,808
1973	74	87	105	4	22	23	16	2	6	25,938
1974	127	117	112	3	33	23	19	3	8	25,652
1975	87	111	104	3	33	25	20	2	9	27,517
1976	141	128	120	3	29	22	25	2	9	27,398
1977	118	155	105	3	29	25	32	2	10	27,883
1978	146	148	123	3	67	22	32	(7)	10	27,391
1979	102	172	124	3	68	21	21	(7)	9	27,417
1980	269	191	135	2	85	22	25	(7)	12	32,066
1981 <sup>3</sup>	176	182	130	3	(8)	22	47	(7)	8	28,508

<sup>1</sup>For some crops in certain years, production includes some quantities unharvested for economic reasons or excess cullage fruit. <sup>2</sup>Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees. <sup>3</sup>Preliminary. <sup>4</sup>Year harvest was complete. <sup>5</sup>Prior to 1970, growers marketing season for California lemons was from Nov. 1 to Oct. 31; beginning with the 1970 crop, it is August 1 to July 31. <sup>6</sup>Year of bloom. <sup>7</sup>Estimates discontinued after 1977 crop. <sup>8</sup>Estimates discontinued.

Table 262.—Apples, commercial crop: <sup>1</sup> Production and season average price per pound, by States, 1979–81

States	Total production			Utilized production			Price <sup>3</sup> for crop of—		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <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>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Ark.....	24.0	10.0	23.0	23.0	10.0	20.5	11.5	9.0	9.6
Calif.....	600.0	520.0	626.0	600.0	520.0	606.0	10.1	7.0	7.1
Colo.....	100.0	70.0	75.0	91.0	68.0	75.0	8.0	8.0	10.0
Conn.....	45.0	42.0	38.0	45.0	42.0	38.0	14.7	15.2	17.7
Del.....	13.0	13.5	13.1	13.0	13.5	13.1	9.4	8.7	14.1
Ga.....	35.0	36.0	45.0	35.0	36.0	40.0	11.2	12.3	9.3
Idaho.....	125.0	165.0	135.0	125.0	165.0	130.0	15.0	13.5	16.0
Ill.....	110.0	101.0	103.0	110.0	101.0	103.0	12.4	12.1	12.9
Ind.....	70.0	71.0	68.0	66.2	68.4	67.0	14.5	12.2	13.8
Iowa.....	12.1	8.4	11.0	11.6	8.3	11.0	13.5	13.8	15.6
Kans.....	15.0	11.0	14.0	14.1	10.4	11.9	9.5	10.3	10.3
Ky.....	21.0	19.0	21.0	20.4	17.1	20.4	11.5	14.3	13.0
Maine.....	86.0	85.0	80.0	86.0	85.0	80.0	14.6	14.0	17.4
Md.....	85.0	90.0	70.0	83.9	89.0	70.0	11.7	9.7	13.8
Mass.....	95.0	100.0	83.0	95.0	100.0	83.0	15.5	14.6	19.9
Mich.....	680.0	900.0	660.0	680.0	900.0	660.0	7.8	6.2	9.1
Minn.....	15.0	23.0	22.0	15.0	23.0	21.0	18.0	17.1	19.3
Mo.....	70.0	56.0	62.0	70.0	56.0	62.0	13.1	12.0	16.4
N.H.....	58.0	58.0	45.0	58.0	58.0	45.0	12.7	11.3	19.0
N.J.....	110.0	110.0	95.0	110.0	110.0	95.0	10.6	9.6	13.0
N. Mex.....	14.0	12.0	17.0	14.0	12.0	17.0	13.0	12.4	12.6
N.Y.....	1,035.0	1,100.0	800.0	1,035.0	1,100.0	800.0	10.0	9.4	12.8
N.C.....	362.0	410.0	375.0	361.0	406.0	372.0	7.2	6.7	7.5
Ohio.....	105.0	170.0	100.0	105.0	170.0	100.0	15.7	14.7	20.6
Oreg.....	170.0	195.0	155.0	170.0	195.0	155.0	11.0	7.6	11.4
Pa.....	535.0	570.0	400.0	535.0	570.0	400.0	8.7	7.5	9.5
R.I.....	5.0	5.5	4.5	5.0	5.5	4.5	13.2	15.1	18.5
S.C.....	35.0	32.0	36.0	33.0	32.0	35.0	13.8	11.3	8.0
Tenn.....	10.0	8.0	11.0	10.0	7.2	9.5	14.7	16.4	12.9
Utah.....	51.0	52.0	54.0	51.0	50.0	53.0	12.8	10.9	10.7
Vt.....	49.0	50.0	28.0	49.0	50.0	28.0	12.1	15.4	17.3
Va.....	470.0	420.0	465.0	470.0	420.0	465.0	8.5	7.8	10.4
Wash.....	2,619.0	3,005.0	2,750.0	2,619.0	3,005.0	2,750.0	12.7	8.2	11.4
W. Va.....	260.0	245.0	200.0	260.0	245.0	200.0	8.2	7.8	11.5
Wis.....	54.0	65.0	59.0	49.0	62.0	55.0	13.8	13.5	14.0
U.S.....	8,143.1	8,828.4	7,743.6	8,118.2	8,810.4	7,695.9	10.9	8.7	11.2

<sup>1</sup> In orchards of 100 or more bearing-age trees.

<sup>2</sup> Preliminary.

<sup>3</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. Statistical Reporting Service.

**Table 263.—Apples: Production and value, United States, 1965-81**

Year	Apples, commercial crop <sup>1</sup>				Year	Apples, commercial crop <sup>1</sup>			
	Total production	Utilized production	Season average price <sup>2</sup>	Value		Total production	Utilized production	Season average price <sup>2</sup>	Value
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Million pounds</i>	<i>Cents per pound</i>	<i>1,000 dollars</i>
1965.....	6,140.2	6,001.0	4.32	259,063	1974.....	6,579.7	6,529.8	8.40	551,600
1966.....	5,761.4	5,650.2	4.47	252,579	1975.....	7,530.0	7,102.6	6.5	460,894
1967.....	5,436.0	5,405.5	5.57	300,856	1976.....	6,472.2	6,466.9	9.1	586,473
1968.....	5,469.0	5,446.4	6.11	332,663	1977.....	6,739.6	6,710.0	10.6	708,631
1969.....	6,819.6	6,709.4	4.06	272,345	1978.....	7,596.9	7,544.0	10.4	781,350
1970.....	6,397.7	6,258.4	4.54	283,869	1979.....	8,143.1	8,118.2	10.9	883,384
1971.....	6,373.2	6,082.7	4.92	299,154	1980.....	8,828.4	8,810.4	8.7	762,509
1972.....	5,878.8	5,867.5	6.43	377,475	1981 <sup>3</sup> .....	7,743.6	7,695.9	11.2	864,501
1973.....	6,265.0	6,251.0	8.80	548,965					

<sup>1</sup> In orchards of 100 or more bearing-age trees.

<sup>2</sup> Fresh fruit prices are equivalent returns at packinghouse-door for California, Oregon, and Washington; for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 264.—Apples, fresh (dessert and cooking): Production in specified countries, 1979-81<sup>1</sup>**

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Continued			
Canada <sup>3</sup> .....	435	553	409	Switzerland <sup>3,4</sup> .....	130	120	83
Mexico.....	338	282	301	Yugoslavia.....	428	483	380
United States <sup>3</sup> .....	3,694	4,005	3,468	Total.....	1,990	1,776	1,762
Total.....	4,467	4,840	4,178	Total Europe.....	9,206	8,850	6,705
Europe:				Asia:			
Belgium and Luxembourg.....	322	330	134	Japan.....	853	960	847
Denmark <sup>3</sup> .....	87	63	44	Total.....	853	960	847
France <sup>4</sup> .....	1,769	1,802	1,471	Southern Hemisphere:			
Germany, Fed. Rep. of.....	1,951	1,380	779	Argentina.....	972	958	905
Italy.....	2,023	1,966	1,750	Australia.....	345	299	344
Netherlands.....	450	450	220	Chile.....	210	245	300
United Kingdom <sup>4</sup> .....	334	321	225	New Zealand.....	180	211	218
Greece.....	280	262	320	South Africa.....	372	415	386
Total EC.....	7,216	7,074	4,943	Total.....	2,079	2,128	2,153
Austria <sup>4</sup> .....	248	240	186	Total specified countries...	16,605	16,778	13,883
Norway.....	36	41	47				
Spain.....	1,097	859	1,037				
Sweden <sup>3</sup> .....	51	33	29				

<sup>1</sup> May include some cider varieties in countries not reporting separately.

<sup>2</sup> Preliminary.

<sup>3</sup> Commercial crop.

<sup>4</sup> Excludes cider apples reported separately.

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

**Table 265.—Apples, commercial crop: Production and utilization, United States, 1965-81**

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <sup>2</sup>
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
1965.....	6,140.2	6,001.0	3,382.6	1,308.6	184.2	218.2	907.4
1966.....	5,761.4	5,650.2	3,229.5	1,043.5	254.4	199.8	923.0
1967.....	5,436.0	5,405.5	3,178.3	1,106.8	159.6	258.1	702.7
1968.....	5,469.0	5,446.4	3,193.3	1,175.2	173.7	228.3	675.9
1969.....	6,819.6	6,709.4	3,700.7	1,399.7	282.7	246.7	<sup>3</sup> 1,079.6
1970.....	6,397.7	6,258.4	3,531.5	1,158.5	189.8	203.0	<sup>3</sup> 1,175.6
1971.....	6,373.2	6,082.7	3,483.9	1,093.5	96.2	190.5	<sup>3</sup> 1,218.6
1972.....	5,878.8	5,867.5	3,342.0	976.9	148.6	235.3	<sup>3</sup> 1,164.7
1973.....	6,265.0	6,251.5	3,539.4	1,255.4	247.7	259.2	<sup>3</sup> 949.8
1974.....	6,579.7	6,529.8	3,690.5	1,225.6	197.2	181.7	<sup>3</sup> 1,234.8
1975.....	7,530.0	7,102.6	4,357.0	1,026.7	229.5	206.6	<sup>3</sup> 1,282.8
1976.....	6,472.2	6,466.9	3,915.8	919.9	229.3	220.4	<sup>3</sup> 1,181.5
1977.....	6,739.6	6,710.0	3,859.6	1,075.9	225.5	160.9	<sup>3</sup> 1,388.1
1978.....	7,596.9	7,544.0	4,210.4	1,224.2	221.0	207.4	<sup>3</sup> 1,681.0
1979.....	8,143.1	8,118.2	4,304.6	1,336.7	255.7	136.6	<sup>3</sup> 2,084.6
1980.....	8,828.4	8,810.4	4,942.1	1,202.4	194.7	167.5	<sup>3</sup> 2,303.7
1981 <sup>4</sup> .....	7,743.6	7,695.9	4,433.7	1,008.9	197.1	172.7	<sup>3</sup> 1,883.5

<sup>1</sup>Includes "Home use."

<sup>2</sup>Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.

<sup>3</sup>Includes the following quantities of juice and cider (million pounds): 1969—936.1; 1970—1,031.7; 1971—1,087.0; 1972—1,028.6; 1973—822.2; 1974—1,030.7; 1975—1,191.6; 1976—1,109.1; 1977—1,267.2; 1978—1,494.6; 1979—1,954.8; 1980—2,138.9; and 1981—1,792.3.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

**Table 266.—Apples, commercial crop: Production and utilization, by States, crop of 1981 (preliminary)**

State	Total production	Utilized production	Utilization					
			Fresh <sup>1</sup>	Processed (fresh basis)				
				Canned	Dried	Frozen	Juice and cider	Other <sup>2</sup>
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	
Calif.....	626.0	606.0	144.0	120.0	28.0	.....	314.0	.....
Mich.....	660.0	660.0	240.0	103.0	.....	98.0	216.0	3.0
N.Y.....	800.0	800.0	350.0	180.0	19.0	25.0	214.0	12.0
Oreg.....	155.0	155.0	119.0	10.6	( <sup>3</sup> )	( <sup>3</sup> )	20.3	.....
Pa.....	400.0	400.0	152.2	145.7	.....	2.4	97.4	2.3
Va.....	465.0	465.0	173.0	150.8	( <sup>3</sup> )	( <sup>3</sup> )	105.8	12.0
Wash.....	2,750.0	2,750.0	2,050.0	103.0	( <sup>3</sup> )	( <sup>3</sup> )	423.0	31.0
W. Va.....	200.0	200.0	97.4	47.2	.....	17.5	35.0	2.9
Other States <sup>4</sup> .....	1,587.6	1,659.9	1,108.1	148.6	150.1	29.8	366.8	128.0
U.S.....	7,643.6	7,695.9	4,433.7	1,008.9	197.1	172.7	1,792.3	91.2

<sup>1</sup>Includes "Home use."

<sup>2</sup>Mostly vinegar, wine, and jam.

<sup>3</sup>Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals.

<sup>4</sup>Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Missouri, New Hampshire, New Jersey, New Mexico, North Carolina, Ohio, Rhode Island, South Carolina, Tennessee, Utah, Vermont, and Wisconsin.

Statistical Reporting Service.

Table 267.—Apples: International trade, 1978-80

Continent and country	1978		1979		1980	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	56,085	74,488	54,906	96,082	60,307	78,573
United States.....	144,141	60,005	210,160	61,233	250,891	71,154
Total.....	200,226	134,493	265,066	157,315	311,198	149,727
South America:						
Argentina.....	339,213		318,646		255,000	
Brazil.....		190,217		183,117		135,410
Chile.....	116,122		124,307		183,041	
Total.....	455,335	190,217	442,953	183,117	438,041	135,410
Europe:						
Austria.....	6,950	57,984	118	72,292	586	50,175
Belgium and Luxembourg.....	54,784	134,662	52,674	118,623	75,050	116,402
Denmark.....	26,022	25,258	18,570	42,789	13,920	35,693
Finland.....	23	44,581	19	52,966	197	58,458
France:						
Table.....	540,342	110,976	793,770	71,057	679,576	96,260
Cider.....	6,620		569	5	851	
Germany, Fed. Rep. of.....	41,007	580,841	28,233	536,402	25,446	548,684
Ireland.....	752	32,115	673	36,419	681	41,368
Italy.....	375,850	61,628	303,190	123,412	327,294	70,218
Netherlands.....	148,386	161,691	129,849	169,080	158,707	192,747
Norway.....	340	38,438	48	42,130		45,289
Sweden.....	1,632	59,655	1,949	66,472	1,219	54,372
Switzerland:						
Table <sup>1</sup> .....	2,129	18,591	2,988	12,516	777	22,771
Cider <sup>1</sup> .....	202	2	21	26		
United Kingdom.....	18,803	343,656	17,988	372,262	14,246	373,924
Yugoslavia.....	8,450		3,495		1,480	
Total.....	1,232,292	1,670,078	1,354,154	1,716,451	1,300,030	1,706,361
Africa:						
South Africa.....	193,961	460	173,740	427	178,321	
Asia:						
Hong Kong.....	5,921	44,202	4,850	51,304	4,218	48,569
Japan.....	25		2,269	514	1,139	
Total.....	5,946	44,202	7,119	51,818	5,357	48,569
Oceania: <sup>2</sup>						
Australia.....	42,543		44,046		53,054	
New Zealand.....	80,539	1,507	92,573	2,034	92,292	2,191
Total.....	123,082	1,507	136,619	2,034	145,346	2,191
World total.....	2,210,842	2,040,957	2,379,651	2,111,162	2,378,293	2,042,258

<sup>1</sup>Includes pears.<sup>2</sup>Year ending June 30th of year shown.

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



**Table 268.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1978/79–1980/81**

Country	Year beginning July			Country	Year beginning July		
	1978/79	1979/80	1980/81		1978/79	1979/80	1980/81
<b>EXPORTS</b>				<b>EXPORTS—CONT.</b>			
Europe:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Netherlands Antilles.....	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Finland.....	2,858	3,639	6,471	Trinidad and Tobago.....	1,001	1,650	1,377
France.....	46	69	630	Other countries.....	944	1,676	1,811
Iceland.....	1,370	1,337	1,163		86	32	65
Ireland.....	951	1,030	1,293	<b>Total.....</b>	<b>4,866</b>	<b>6,529</b>	<b>7,691</b>
Netherlands.....	718	1,380	3,997	Other countries:			
Norway.....	2,834	4,719	5,188	Canada.....	49,082	60,124	39,468
Sweden.....	3,172	2,112	5,475	Taiwan.....	3,091	64,629	74,165
United Kingdom.....	6,164	7,014	14,352	Egypt.....	913	1,054	1,362
Other countries.....	45	270	213	French Pacific Islands.....	258	316	509
<b>Total.....</b>	<b>18,158</b>	<b>21,570</b>	<b>38,782</b>	Hong Kong.....	14,385	15,404	28,668
Latin America:				Indonesia.....	2,297	1,701	3,707
Brazil.....	945	560	681	Liberia.....	98	143	285
Colombia.....	3,721	5,499	8,187	Malaysia.....	2,130	2,950	4,138
Costa Rica.....	888	960	457	New Zealand.....	1,811	1,370	2,120
Ecuador.....	771	1,095	1,092	Other Pacific Islands.....	213	108	38
El Salvador.....	251	722	265	Philippines.....	594	384	829
Guatemala.....	1,459	1,223	1,538	Saudi Arabia.....	16,782	18,983	25,863
Honduras.....	1,127	1,077	1,176	Singapore.....	4,461	7,168	8,518
Mexico.....	4,673	8,307	9,425	Thailand.....	32	36	1,534
Nicaragua.....	131	102	200	United Arab Emirates.....	4,341	5,222	13,455
Panama.....	976	1,705	2,541	Other countries.....	261	1,697	2,028
Surinam.....	71	37	30	Kuwait.....	381	31	2,932
Venezuela.....	4,064	5,446	14,711	<b>Total.....</b>	<b>101,130</b>	<b>181,320</b>	<b>213,619</b>
Other countries.....	44	316	5,033	<b>Grand total.....</b>	<b>143,275</b>	<b>236,468</b>	<b>305,428</b>
<b>Total.....</b>	<b>19,121</b>	<b>27,049</b>	<b>45,336</b>	<b>IMPORTS</b>			
Bermuda and Caribbean:				Australia.....	89	67	594
Bahamas.....	400	512	486	Canada.....	33,139	33,754	42,845
Barbados.....	303	381	748	Chile.....	10,917	11,197	12,706
Bermuda.....	176	162	110	France.....	773	3,082	2,843
Dominican Republic.....	1,473	1,325	1,825	New Zealand.....	8,235	14,570	13,425
French West Indies.....	270	537	825	Singapore.....	2,840	6,993	6,198
Haiti.....	76	53	188	South Africa.....	166	27	290
Leeward and Windward Islands.....	137	201	256	<b>Total.....</b>	<b>56,159</b>	<b>69,690</b>	<b>78,901</b>

<sup>1</sup>Includes 839 tons to Japan.      <sup>2</sup>Includes 1,197 tons to Yemen, Sana.

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

**Table 269.—Apples:<sup>1</sup> Foreign trade, United States, 1965–80**

Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports		Year beginning July	Imports, fresh and dried, in terms of fresh	Domestic exports	
		Fresh	Dried, in terms of fresh <sup>1</sup>			Fresh	Dried, in terms of fresh <sup>1</sup>
1965.....	15,731	127,138	12,400	1973.....	42,265	80,855	6,202
1966.....	32,523	89,223	6,699	1974.....	37,843	106,090	3,748
1967.....	57,392	63,739	5,410	1975.....	57,796	102,255	3,734
1968.....	56,862	34,335	4,433	1976.....	55,719	123,670	4,619
1969.....	40,842	50,980	3,411	1977.....	63,646	142,360	8,205
1970.....	45,819	45,691	4,173	1978.....	78,452	154,780	7,272
1971.....	38,783	53,411	2,209	1979.....	71,182	237,407	5,520
1972.....	51,145	67,728	7,538	1980.....	76,831	311,286	7,592

<sup>1</sup>Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh. No reports reported.      <sup>2</sup>Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 270.—Apricots: Production and value, United States, 1965-81<sup>1</sup>

Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value	Year	Total production	Utilized production	Season average price per ton <sup>2</sup>	Value
	<i>Tons</i>	<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>
1965.....	226,000	210,940	93.00	19,629	1974.....	93,550	93,550	270.00	25,281
1966.....	193,500	192,400	123.00	23,569	1975.....	182,600	175,600	214.00	37,609
1967.....	147,900	147,525	158.00	23,357	1976.....	154,500	128,350	200.00	25,689
1968.....	149,400	149,280	183.00	27,348	1977.....	147,300	141,300	210.00	29,671
1969.....	228,600	228,450	143.00	32,640	1978.....	126,200	126,209	249.00	31,364
1970.....	175,000	174,700	111.00	19,342	1979.....	144,200	144,200	273.00	39,341
1971.....	186,450	148,850	94.80	14,112	1980.....	129,000	129,000	291.00	37,505
1972.....	127,600	127,470	144.00	18,331	1981 <sup>3</sup> .....	89,400	89,380	311.00	27,792
1973.....	157,900	157,690	168.00	26,442					

<sup>1</sup>Production, price, and value for California, Utah, and Washington. <sup>2</sup>Fresh fruit prices are equivalent packing house-door returns for California, Oregon, and Washington. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup>Preliminary.

Statistical Reporting Service.

Table 271.—Apricots: Production and season average price per ton, by States, 1979-81

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Calif.....	140,000	125,000	86,500	140,000	125,000	86,500	269.00	288.00	308.00
Utah.....	1,700	1,500	1,600	1,700	1,500	1,580	480.00	360.00	240.00
Wash.....	2,500	2,500	1,300	2,500	2,500	1,300	346.00	386.00	593.00
Total.....	144,200	129,000	89,400	144,200	129,000	89,380	273.00	291.00	311.00

<sup>1</sup>Preliminary. <sup>2</sup>Fresh fruit prices are equivalent packing house-door returns for California, Oregon, and Washington. Quantities processed are priced at the equivalent processing door level.

Statistical Reporting Service.

Table 272.—Apricots, fresh: Production in specified countries, 1979-81

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Southern Hemisphere:			
Canada.....	2.9	3.5	2.2	Argentina.....	25.0	21.0	11.7
United States.....	130.8	117.0	81.1	Australia.....	31.0	26.4	31.2
Total.....	133.7	120.5	83.3	Chile.....	15.3	14.6	14.9
Europe:				New Zealand.....	6.7	6.0	6.5
Austria.....	12.4	13.3	6.2	South Africa.....	33.3	33.1	28.8
France.....	53.9	70.6	81.1	Total.....	11.3	101.1	93.1
Germany, Fed. Rep. of.....	1.2	2.6	1.3	Total specified countries.....	662.8	641.9	680.5
Greece.....	77.4	96.0	104.0				
Italy.....	100.3	95.7	101.5				
Spain.....	151.0	113.0	175.0				
Switzerland.....	4.2	5.1	5.0				
Yugoslavia.....	17.4	24.0	30.0				
Total.....	417.8	420.3	504.1				

<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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 273.—Apricots: Production and utilization, United States,<sup>1</sup> 1965-81

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Dried	Frozen
<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	
1965.....	226,000	210,940	15,140	156,000	30,800	9,000
1966.....	193,500	192,400	18,530	126,370	39,000	8,500
1967.....	147,900	147,525	11,555	106,270	22,000	7,700
1968.....	149,400	149,280	11,885	106,095	23,100	8,200
1969.....	228,600	228,450	12,700	164,450	41,800	9,500
1970.....	175,000	174,700	14,540	116,060	36,400	7,700
1971.....	186,450	148,850	16,920	99,530	26,000	6,400
1972.....	127,600	127,470	10,050	93,020	18,000	6,400
1973.....	157,900	157,690	11,870	116,720	19,500	9,600
1974.....	93,550	93,550	8,450	62,500	17,000	5,600
1975.....	182,600	175,600	10,100	122,800	28,500	14,200
1976.....	154,500	128,350	12,660	76,290	29,300	10,100
1977.....	147,300	141,300	11,960	79,340	39,500	10,500
1978.....	126,200	126,200	9,200	78,500	30,000	8,500
1979.....	144,200	144,200	10,890	84,310	39,000	10,000
1980.....	129,000	129,000	13,130	80,870	27,100	7,900
1981 <sup>4</sup> .....	89,400	89,380	12,230	43,650	25,000	8,500

<sup>1</sup>California, Utah, and Washington.<sup>2</sup>Includes "Home use."<sup>3</sup>Includes some quantities frozen or otherwise processed.<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 274.—Apricots: Production and utilization, by States, crop of 1981 (preliminary)

State—	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)		
				Canned <sup>1</sup>	Dried	Frozen
<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	
Calif.....	86,500	86,500	9,500	43,500	25,000	8,500
Utah.....	1,600	1,580	( <sup>2</sup> )	( <sup>2</sup> )		
Wash.....	1,300	1,300	( <sup>2</sup> )	( <sup>2</sup> )		
U.S.....	89,400	89,380	12,230	43,650	25,000	8,500

<sup>1</sup>Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations.<sup>2</sup>Missing data not published to avoid disclosure of individual operations, but included in U.S. total.

Statistical Reporting Service.

Table 275.—Apricots: Foreign trade, United States, 1965-80

Year beginning July	Domestic exports					Year beginning July	Domestic exports				
	Fresh	Canned <sup>1</sup>	Dried <sup>1</sup>	Dried, in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</sup>		Fresh	Canned <sup>1</sup>	Dried <sup>1</sup>	Dried, in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</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	1,000 metric tons	1,000 metric tons
1965.....	4,378	4,649	1,406	441	18,490	1973.....	2,036	2,351	834	220	9,140
1966.....	1,816	2,723	1,173	304	11,360	1974.....	1,316	658	533	216	5,635
1967.....	1,214	1,229	556	281	6,378	1975.....	2,653	958	798	227	8,608
1968.....	866	1,121	417	220	4,949	1976 <sup>4</sup> .....	1,807	1,091	1,056	200	9,043
1969.....	3,640	1,912	629	241	9,482	1977 <sup>4</sup> .....	( <sup>5</sup> )	1,242	( <sup>5</sup> )	230	2,070
1970.....	1,940	1,246	476	190	6,256	1978 <sup>4</sup> .....	( <sup>5</sup> )	2,249	( <sup>5</sup> )	173	2,503
1971.....	3,176	1,933	552	203	8,447	1979 <sup>4</sup> .....	( <sup>5</sup> )	927	( <sup>5</sup> )	296	2,185
1972.....	1,513	2,504	834	195	8,596	1980 <sup>4</sup> .....	( <sup>5</sup> )	1,499	( <sup>5</sup> )	331	2,777

<sup>1</sup> Net processed weight.<sup>2</sup> Dried apricots are 12½ percent of total dried fruit for salad.<sup>3</sup> Dried fruit converted to unprocessed dry weight by dividing by 1.07. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 5.5 pounds fresh. Canned apricots converted to terms of fresh on the basis that 1 pound canned equals 0.717 pounds fresh.<sup>4</sup> Year beginning October.<sup>5</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 276.—Avocados: Production, season average price per ton, and value, United States, 1965-66 to 1981-82

Season	California			Florida			California and Florida <sup>3</sup>		
	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1965-66.....	58,000	262	15,196	2,800	450	1,260	60,800	271	16,456
1966-67.....	74,500	202	15,049	5,800	224	1,299	80,300	204	16,348
1967-68.....	37,400	460	17,204	14,700	188	2,764	52,100	383	19,968
1968-69.....	61,100	300	18,300	12,600	237	2,986	73,700	289	21,316
1969-70.....	31,700	682	21,619	14,000	288	4,032	45,700	561	25,651
1970-71.....	67,000	376	25,192	18,800	290	5,452	85,800	357	30,644
1971-72.....	26,100	952	24,847	19,300	338	6,523	45,400	691	31,370
1972-73.....	70,500	546	38,493	18,800	321	6,035	89,300	499	44,528
1973-74.....	53,400	793	42,346	20,300	355	7,207	73,700	672	49,553
1974-75.....	105,500	475	50,113	21,900	327	7,161	127,400	450	57,274
1975-76.....	58,400	1,037	60,561	29,000	400	11,600	87,400	826	72,161
1976-77.....	120,000	593	71,160	21,100	410	8,651	141,100	566	79,811
1977-78.....	107,000	740	79,180	10,700	690	7,383	117,700	735	86,563
1978-79.....	123,000	691	84,993	23,100	400	9,240	146,100	645	94,233
1979-80.....	75,000	1,496	112,200	27,300	597	16,298	102,300	1,256	128,498
1980-81.....	238,000	350	83,300	30,800	529	16,293	268,800	371	99,593
1981-82 <sup>4</sup> .....	150,000	700	105,000	25,800	388	10,010	175,800	654	115,010

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Feb. 28 for Florida.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 277.—Avocados: Foreign trade, United States, 1965-80

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>		<i>1,000 metric tons</i>
1965 .....	113	1971 .....	1,027	1977 <sup>1</sup> .....	3,162
1966 .....	268	1972 .....	885	1978 <sup>1</sup> .....	1,725
1967 .....	170	1973 .....	1,021	1979 <sup>1</sup> .....	1,409
1968 .....	91	1974 .....	1,506	1980 <sup>1</sup> .....	1,351
1969 .....	362	1975 .....	1,334		
1970 .....	519	1976 <sup>1</sup> .....	1,994		

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 278.—Bananas: Area, yield, production, price and value, Hawaii, 1965-81

Year	Area harvested	Yield per acre	Production	Price per pound	Value	Year	Area harvested	Yield per acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965 <sup>1</sup> .....	950	7.5	7,100	7.7	545	1974 .....	610	10.8	6,600	13.1	865
1966 .....	1,010	8.6	8,730	7.7	668	1975 .....	630	9.8	6,200	13.8	856
1967 .....	1,010	8.0	8,095	7.0	567	1976 .....	560	9.0	5,030	15.5	780
1968 .....	965	6.7	6,485	7.7	499	1977 .....	550	10.5	5,800	15.6	905
1969 .....	930	6.6	6,170	9.4	580	1978 .....	580	9.8	5,700	18.5	1,055
1970 .....	760	7.4	5,600	10.6	594	1979 .....	630	8.8	5,550	20.5	1,138
1971 .....	725	8.1	5,865	11.6	680	1980 .....	580	7.9	4,600	23.9	1,099
1972 .....	720	8.3	6,000	12.0	720	1981 <sup>2</sup> .....	650	9.2	6,000	25.7	1,542
1973 .....	660	11.1	7,295	10.6	773						

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 pounds): 60 in 1965.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 279.—Cherries: Production and value, United States, 1965-81

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Season average price per ton <sup>1</sup>	Value	Total production	Utilized production	Season average price per pound <sup>1</sup>	Value
	Tons	Tons	1,000 dollars	Tons	Tons	Dollars	1,000 dollars	Million pounds	Million pounds	Cents	1,000 dollars
1965	264,730	248,194	45,323	87,820	86,780	332.00	28,854	353.8	322.8	5.1	16,469
1966	205,910	200,546	67,833	115,910	111,050	389.00	43,237	180.0	179.0	13.7	24,596
1967	199,980	199,143	76,167	110,990	110,153	400.00	44,113	178.0	178.0	17.4	31,054
1968	228,891	228,464	81,282	91,121	90,810	436.00	39,548	275.5	275.3	15.2	41,734
1969	285,860	278,210	66,429	128,310	126,960	338.00	42,886	315.1	302.5	7.8	23,543
1970	246,660	239,430	60,985	122,260	121,530	355.00	43,173	248.8	235.8	7.6	17,812
1971	279,940	277,990	70,963	141,290	139,990	315.00	44,047	277.3	276.0	9.8	26,916
1972	251,950	230,140	58,737	96,050	95,840	382.00	36,649	311.8	268.6	8.2	22,088
1973	245,930	241,330	88,276	158,630	154,630	358.00	55,331	174.6	173.4	19.0	32,945
1974	279,430	279,280	113,025	146,980	146,980	436.00	64,057	264.9	264.6	18.5	48,968
1975	300,960	278,760	88,486	155,710	155,710	407.00	63,398	290.5	246.1	10.2	25,088
1976	245,610	240,380	101,038	172,310	167,080	384.00	64,232	146.6	146.6	25.1	36,806
1977	254,370	253,870	135,363	148,920	148,420	495.00	73,414	210.9	210.9	29.4	61,949
1978	247,380	247,380	187,162	156,780	156,780	688.00	107,828	181.2	181.2	43.8	79,334
1979	267,180	267,030	189,717	181,980	181,830	601.00	109,212	170.4	170.4	47.2	80,505
1980	280,750	274,400	135,537	171,700	166,300	552.00	91,812	218.1	216.2	20.2	43,725
1981 <sup>2</sup>	220,340	213,120	159,487	153,040	146,020	683.00	99,766	134.6	134.2	44.5	59,721

<sup>1</sup>Fresh fruit prices are equivalent packinghouse-door returns for Western States, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 280.—Cherries: Production and season average price, by States, 1979-81

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars per ton	Dollars per ton	Dollars per ton
<b>SWEET VARIETIES</b>									
Calif.	34,300	44,000	32,750	34,300	44,000	32,570	806.00	629.00	718.00
Idaho	3,000	3,100	3,100	3,000	3,100	1,900	549.00	677.00	718.00
Mich.	27,000	29,000	23,000	27,000	29,000	23,000	407.00	354.00	375.00
Mont.	2,950	700	1,240	2,950	700	1,240	682.00	621.00	711.00
N.Y.	4,200	5,100	1,750	4,050	4,600	1,050	447.00	450.00	621.00
Oreg.	38,000	33,000	40,000	38,000	31,800	37,000	544.00	500.00	544.00
Pa.	730	700	300	730	700	300	1,122.00	1,090.00	1,147.00
Utah	4,200	4,100	4,500	4,200	4,100	4,380	599.00	601.00	636.00
Wash.	67,600	52,000	46,400	67,600	48,300	44,400	608.00	624.00	934.00
Total 9 States	181,980	171,700	153,040	181,830	166,300	146,020	601.00	552.00	683.00
<b>TART VARIETIES</b>									
Colo.	1.7	2.0	1.6	1.7	1.8	1.6	44.2	21.7	30.2
Mich.	100.0	150.0	88.0	100.0	149.0	88.0	43.5	20.4	46.4
N.Y.	27.3	30.4	8.4	27.3	30.4	8.4	46.2	19.1	45.1
Oreg.	3.5	5.0	5.0	3.5	5.0	5.0	43.4	20.3	32.2
Pa.	6.3	5.6	8.0	6.3	5.6	8.0	49.6	27.5	45.6
Utah	17.0	13.0	14.0	17.0	12.9	13.6	43.6	18.9	37.2
Wis.	14.6	12.1	9.6	14.6	11.5	9.6	45.1	18.6	44.8
Total 7 States	170.4	218.1	134.6	170.4	216.2	134.2	47.2	20.2	44.5

<sup>1</sup>Preliminary. <sup>2</sup>Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 281.—Cherries, fresh: Production in specified countries, 1979–81

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.....			
Canada.....	18.7	19.1	10.6	United Kingdom.....	6.2	7.0	2.9
United States.....	242.4	254.7	199.9	Yugoslavia.....	110.3	95.0	150.0
Total.....	261.1	273.8	210.5	Total.....	870.8	761.9	656.1
Europe:				Asia:			
Austria.....	26.6	27.0	15.4	Japan.....	17.4	15.1	12.8
Belgium and Luxembourg.....	14.8	10.0	9.3	Total.....	17.4	15.1	12.8
Denmark.....	5.3	7.2	7.9				
France.....	124.1	106.0	82.7	Southern Hemisphere:			
Germany, Fed. Rep. of.....	261.1	241.5	117.5	Argentina.....	2.7	3.0	2.7
Greece.....	25.9	25.6	29.7	Australia.....	6.8	7.3	6.5
Italy.....	79.3	134.2	145.0	Chile.....	5.5	5.3	6.4
Netherlands.....	1.4	3.8	1.0	Total.....	15.0	15.6	15.6
Norway.....	4.1	5.3	5.4	Total specified countries.....	1,164.3	1,066.4	895.0
Spain.....	81.0	71.0	75.0				
Switzerland.....	30.7	27.5	14.3				

<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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 282.—Cherries: Foreign trade, United States, 1965–80

Year beginning July	Imports		Domestic exports		Year beginning July	Imports		Domestic exports	
	Natural sulfured, or in brine	Dried or preserved	Canned	Fresh		Natural sulfured, or in brine	Dried or preserved	Canned	Fresh
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965.....	897	3,258	15,211	2,126	1973.....	417	1,626	1,117	5,817
1966.....	2,350	3,812	1,717	2,096	1974.....	118	1,246	1,182	6,995
1967.....	2,552	3,911	1,538	1,691	1975.....	129	756	931	6,683
1968.....	5,005	4,145	1,431	2,350	1976 <sup>1</sup> .....	76	582	1,417	5,426
1969.....	1,223	3,820	6,837	3,328	1977 <sup>1</sup> .....	103	216	1,697	7,167
1970.....	1,557	3,481	1,045	2,855	1978 <sup>1</sup> .....	1,164	568	2,395	10,686
1971.....	698	3,171	734	4,077	1979 <sup>1</sup> .....	646	117	2,677	9,095
1972.....	998	3,464	4,290	7,253	1980 <sup>1</sup> .....	297	157	2,810	9,597

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 284

<sup>1</sup> Includes "Home use."<sup>2</sup> Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc.<sup>3</sup> Colorado, Idaho, Montana, New York, Pennsylvania, and Utah.<sup>4</sup> Colorado, Ohio, Oregon, Pennsylvania, Utah, and Wisconsin.

Statistical Reporting Service.

Table 283.—Cherries: Production and utilization, United States, <sup>1</sup> 1965-81

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh <sup>2</sup>	Processed (fresh basis)		
				Canned <sup>3</sup>	Frozen	Brined <sup>4</sup>
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1965 .....	87,820	86,780	30,004	13,175	.....	43,601
1966 .....	115,910	111,050	44,138	12,543	.....	54,369
1967 .....	110,990	110,153	42,202	14,492	.....	53,459
1968 .....	91,121	90,810	35,733	11,115	.....	43,962
1969 .....	128,310	126,960	49,820	19,335	.....	57,805
1970 .....	122,260	121,530	48,292	11,833	.....	61,405
1971 .....	141,290	139,990	68,627	<sup>5</sup> 12,998	.....	58,365
1972 .....	96,050	95,840	41,668	11,017	.....	43,155
1973 .....	158,630	154,630	82,839	16,948	.....	54,843
1974 .....	146,980	146,980	67,516	25,864	.....	53,600
1975 .....	155,710	155,710	77,300	14,520	.....	63,890
1976 .....	172,310	167,080	94,510	21,180	.....	51,390
1977 .....	148,920	148,420	72,320	21,990	.....	54,110
1978 .....	156,780	156,780	66,670	28,060	.....	62,050
1979 .....	181,980	181,830	83,830	22,900	.....	75,100
1980 .....	171,700	166,300	84,460	22,340	.....	59,500
1981 <sup>6</sup> .....	153,040	146,020	70,238	20,765	.....	55,017
<b>TART VARIETIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965 .....	353.8	322.8	13.0	139.8	170.0	.....
1966 .....	180.0	179.0	13.2	73.5	92.3	.....
1967 .....	178.0	178.0	9.3	60.8	107.9	.....
1968 .....	275.5	275.3	11.5	96.8	167.0	.....
1969 .....	315.1	302.5	9.5	126.7	166.3	.....
1970 .....	248.8	235.8	10.0	86.7	139.1	.....
1971 .....	277.3	276.0	8.8	82.5	184.7	.....
1972 .....	311.8	268.6	6.3	96.1	166.2	.....
1973 .....	174.6	173.4	5.4	51.9	116.1	.....
1974 .....	264.9	264.6	4.4	97.6	162.6	.....
1975 .....	290.5	246.1	7.2	89.7	149.2	.....
1976 .....	146.6	146.6	6.0	42.4	98.2	.....
1977 .....	210.9	210.9	6.1	65.5	139.3	.....
1978 .....	181.2	181.2	5.0	49.9	126.3	.....
1979 .....	170.4	170.4	4.3	49.8	116.3	.....
1980 .....	218.1	216.2	6.3	74.5	135.4	.....
1981 <sup>6</sup> .....	134.6	134.2	4.0	42.4	87.8	.....

<sup>1</sup> California, Colorado, Idaho, Michigan, Montana, New York, Ohio, Oregon, Pennsylvania, Utah, Washington, and Wisconsin. <sup>2</sup> Includes "Home use." <sup>3</sup> For tart varieties, includes small quantities brined or used for juice, wine, etc., through 1970; beginning 1971, brined only. <sup>4</sup> Sweet varieties, beginning 1971, includes small quantities used for juice, wine, brandy, etc. <sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 284.—Cherries: Production and utilization, by States, crop of 1981 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh <sup>1</sup>	Processed (fresh basis)		
				Canned and otherwise processed <sup>2</sup>	Frozen	Brined
<b>SWEET VARIETIES</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Calif .....	32,750	32,750	24,000	.....	.....	.....
Mich .....	23,000	23,000	1,500	9,500	.....	12,000
Oreg .....	40,000	37,000	6,600	5,600	.....	24,800
Wash .....	46,400	44,400	31,800	5,400	.....	7,200
Other States <sup>3</sup> .....	10,890	8,870	6,338	265	.....	11,017
U.S. ....	153,040	146,020	70,238	20,765	.....	55,017
<b>TART VARIETIES</b>						
Mich .....	88.0	88.0	2.0	28.0	58.0	.....
N.Y. ....	8.4	8.4	.1	3.7	4.6	.....
Other States <sup>4</sup> .....	38.2	37.8	1.9	10.7	25.2	.....
U.S. ....	134.6	134.2	4.0	42.4	87.8	.....

See footnotes on page 199.



Table 285.—Citrus fruits: Production and value, United States, for season of 1965-66 to 1980-81

Season <sup>1</sup>	Production		Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>	Production		Season average returns per box <sup>2</sup>	Value	Quantities processed <sup>3</sup>
	1,000 boxes	Dollars		1,000 dollars	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	
	Oranges <sup>4</sup>					Grapefruit				
1965-66 .....	135,470	2.84	335,941	92,075	46,695	1.95	91,228	23,694		
1966-67 .....	182,850	1.84	337,309	134,063	55,676	1.38	76,586	30,438		
1967-68 .....	124,490	3.08	383,807	91,698	44,058	2.54	111,787	21,827		
1968-69 .....	183,760	2.43	446,972	138,621	54,170	1.68	90,842	31,503		
1969-70 .....	185,770	2.09	388,313	141,064	53,910	2.24	120,994	30,201		
1970-71 .....	189,430	2.45	463,506	145,529	60,560	2.40	145,287	36,142		
1971-72 .....	191,450	2.87	549,369	148,015	64,250	2.89	185,890	37,279		
1972-73 .....	224,660	2.69	603,305	182,263	65,640	2.70	177,055	38,219		
1973-74 .....	216,210	2.78	600,691	171,323	65,500	2.41	157,673	37,808		
1974-75 .....	237,810	2.75	653,759	183,457	61,610	2.51	154,439	33,223		
1975-76 .....	242,780	2.80	678,717	192,540	70,080	2.21	154,802	37,536		
1976-77 .....	242,950	3.34	811,196	195,782	74,600	2.35	175,467	46,042		
1977-78 .....	220,120	5.45	1,198,657	175,549	74,660	2.54	189,692	44,382		
1978-79 .....	210,600	6.15	1,296,044	170,359	67,380	3.44	231,616	38,850		
1979-80 .....	273,680	4.85	1,327,708	218,880	73,200	4.14	302,683	44,719		
1980-81 <sup>5</sup> .....	245,580	5.54	1,361,396	194,094	67,860	4.77	323,901	39,953		
	Lemons					Limes				
1965-66 .....	15,770	3.29	51,885	6,600	415	4.90	2,034	140		
1966-67 .....	17,910	3.28	58,685	8,623	420	6.44	2,705	147		
1967-68 .....	16,850	3.85	64,939	7,452	720	4.49	3,233	377		
1968-69 .....	15,810	4.41	69,694	6,931	700	4.51	3,157	320		
1969-70 .....	15,120	4.85	73,294	5,879	725	5.71	4,140	351		
1970-71 .....	16,450	4.98	81,960	6,770	880	4.70	4,136	485		
1971-72 .....	16,680	4.81	80,266	7,070	1,100	5.49	6,039	626		
1972-73 .....	22,200	4.38	97,126	11,232	1,100	6.10	6,710	583		
1973-74 .....	17,800	6.17	109,851	6,666	1,050	7.20	7,560	571		
1974-75 .....	29,400	3.85	113,226	17,880	1,100	7.62	8,382	607		
1975-76 .....	17,620	5.79	101,949	6,685	1,080	9.27	10,012	494		
1976-77 .....	26,000	3.56	92,500	12,910	1,000	11.61	11,610	486		
1977-78 .....	26,100	4.24	110,635	13,900	460	19.11	8,791	120		
1978-79 .....	19,600	6.87	134,573	7,630	720	16.16	11,635	239		
1979-80 .....	20,750	8.12	168,399	10,045	1,100	12.55	13,805	478		
1980-81 <sup>5</sup> .....	31,800	8.91	124,250	20,410	1,200	11.10	13,320	503		
	Tangerines					Tangelos				
1965-66 .....	4,180	3.60	15,056	939	1,200	5.34	6,408	221		
1966-67 .....	4,960	2.60	12,894	1,288	1,700	2.34	3,978	406		
1967-68 .....	3,590	5.55	19,921	801	1,700	4.00	6,800	285		
1968-69 .....	4,330	4.10	17,766	1,348	1,800	3.39	6,102	586		
1969-70 .....	4,200	3.70	15,556	1,123	2,500	2.13	5,325	1,103		
1970-71 .....	5,230	3.52	18,386	1,612	2,700	2.09	5,643	1,093		
1971-72 .....	5,030	4.53	22,767	1,659	3,600	2.75	9,900	1,882		
1972-73 .....	5,130	4.04	20,729	1,894	3,100	2.52	7,812	1,667		
1973-74 .....	4,840	4.76	23,032	1,280	3,700	2.50	9,250	2,104		
1974-75 .....	5,250	4.50	23,618	1,629	4,700	2.63	12,361	2,337		
1975-76 .....	5,360	4.85	25,976	1,728	5,500	2.52	13,860	3,255		
1976-77 .....	5,770	5.56	32,104	1,753	4,800	2.77	13,296	2,505		
1977-78 .....	5,200	6.84	35,560	2,069	4,900	4.72	23,128	2,913		
1978-79 .....	5,400	8.07	43,560	2,309	4,200	5.55	23,310	2,479		
1979-80 .....	6,300	5.81	36,577	2,736	6,400	4.54	29,056	4,593		
1980-81 <sup>5</sup> .....	5,560	6.28	34,917	2,495	4,900	5.03	24,647	2,844		
	Templets									
1965-66 .....	4,500	2.43	10,935	2,010						
1966-67 .....	5,000	1.51	7,550	1,998						
1967-68 .....	4,500	3.56	16,020	1,699						
1968-69 .....	4,500	3.08	13,860	2,397						
1969-70 .....	5,200	2.31	12,012	2,377						
1970-71 .....	5,000	2.78	13,900	2,768						
1971-72 .....	5,300	2.89	15,317	3,517						
1972-73 .....	5,100	3.06	15,606	2,655						
1973-74 .....	5,300	2.80	14,840	3,375						
1974-75 .....	5,300	2.75	14,575	3,392						
1975-76 .....	5,500	2.89	15,895	3,171						
1976-77 .....	3,800	3.39	12,882	2,616						
1977-78 .....	4,900	5.35	26,215	2,851						
1978-79 .....	4,700	6.49	30,503	2,565						
1979-80 .....	6,000	4.57	27,420	3,216						
1980-81 <sup>5</sup> .....	3,600	5.78	20,808	2,493						

See footnotes on page 204.

Table 286.—Citrus fruits: Production and season average returns per box, by States, 1978-79 to 1980-81

Crop and State	Production of crop for season <sup>1</sup> of—			Price <sup>3</sup> of crop for season of—		
	1978-79	1979-80	1980-81 <sup>2</sup>	1978-79	1979-80	1980-81 <sup>2</sup>
<b>ORANGES</b>						
Early, midseason, and Navel varieties: <sup>4</sup>	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
Ariz.....	700	850	900	8.90	5.15	5.65
Calif.....	20,800	32,600	38,750	7.05	3.93	3.93
Fla.....	91,000	117,900	105,600	5.84	5.04	5.60
Tex.....	4,300	2,300	2,600	4.30	5.33	4.59
Total above varieties <sup>5</sup> .....	116,800	153,650	147,850	6.02	4.81	5.14
Valencia:						
Ariz.....	2,200	2,650	1,700	5.08	2.46	2.92
Calif.....	16,500	26,800	27,500	6.67	3.75	4.84
Fla.....	73,000	88,800	66,800	6.35	5.34	6.80
Tex.....	2,100	1,730	1,730	4.03	4.35	4.87
Total Valencia <sup>5</sup> .....	93,800	119,980	97,730	6.32	4.91	6.15
All oranges:						
Ariz.....	2,900	3,500	2,600	6.00	3.11	3.87
Calif.....	37,300	59,400	66,250	6.88	3.85	4.31
Fla.....	164,000	206,700	172,400	6.07	5.17	6.06
Tex.....	6,400	4,030	4,330	4.21	4.91	4.70
U.S., all oranges <sup>5</sup> .....	210,600	273,830	245,580	6.15	4.85	5.54
<b>GRAPEFRUIT</b>						
Ariz.....	2,250	3,000	2,800	2.89	2.59	3.92
Calif., all.....	6,130	7,500	8,060	4.97	2.96	4.64
Desert.....	3,260	4,200	4,260	3.64	2.33	4.56
Other areas.....	2,870	3,300	3,800	6.48	3.77	4.72
Fla., all.....	50,000	54,800	50,300	3.54	4.50	4.94
Pink seedless.....	13,300	15,800	14,600	4.29	5.02	5.61
White seedless.....	28,400	31,100	28,400	3.35	4.31	4.81
Other.....	7,300	7,900	7,300	2.94	4.19	4.08
Tex.....	9,000	7,900	6,700	1.96	3.32	4.07
U.S., all grapefruit <sup>5</sup> .....	67,380	73,200	67,860	3.44	4.14	4.77
<b>LEMONS</b>						
Ariz.....	5,500	3,050	7,000	4.01	8.09	4.11
Calif.....	14,100	17,700	24,800	7.98	8.12	3.85
U.S., lemons <sup>5</sup> .....	19,600	20,750	31,800	6.87	8.12	3.91
<b>LIMES</b>						
Fla.....	720	1,100	1,200	16.16	12.55	11.10
<b>TANGELOS</b>						
Fla.....	4,200	6,400	4,900	5.55	4.54	5.03
<b>TANGERINES</b>						
Ariz.....	450	750	700	7.74	4.33	6.04
Calif.....	1,450	1,650	1,860	10.26	4.67	4.08
Fla.....	3,500	3,900	3,000	7.20	6.57	7.70
U.S., tangerines <sup>5</sup> .....	5,400	6,300	5,560	8.07	5.81	6.28
<b>TEMPLES</b>						
Fla.....	4,700	6,000	3,600	6.49	4.57	5.78

<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 late October of the first year shown and continues into December 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 and for all other States begins in the fall and ends by early summer. Harvest of other California grapefruit begins in March of the year after bloom through October. California lemons are harvested from Aug. 1 to July 31; Arizona lemons are harvested from Aug. 15 to Feb. 1. Florida limes are picked mostly from April through March. Florida tangelos are harvested largely from October through April.

<sup>2</sup>Preliminary.

<sup>3</sup>Equivalent returns per box at the intake packinghouse door for all methods of sale.

<sup>4</sup>Navel and miscellaneous varieties in Arizona and California; Early and midseason varieties in Florida and Texas, including small quantities of tangerines in Texas.

<sup>5</sup>Net content of box varies. Approximate averages are as follows: Oranges—Arizona and California, 75 pounds; Florida, 90 pounds; and Texas, 85 pounds; grapefruit—Arizona and California Desert, 64 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—Arizona and California, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

Statistical Reporting Service.

Table 287.—Citrus fruits: Production in specified countries, 1979/80–1981/82<sup>1</sup>

Commodity and country	1979/ 80	1980/ 81	1981/ 82 <sup>2</sup>	Commodity and country	1979/ 80	1980/ 81	1981/ 82 <sup>2</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>ORANGES, INCLUDING TANGERINES</b>				<b>Mediterranean area:</b>			
North America:				Cyprus.....	85	89	89
Belize.....	45	43	31	Israel.....	509	468	510
Jamaica.....	48	37	42	Morocco.....	11	10	10
Mexico <sup>3</sup> .....	1,810	1,720	1,830	Spain.....	9	9	9
United States.....	11,490	10,111	7,602	Total.....	614	576	618
Total.....	13,393	11,911	9,505	Northern Hemisphere.....	3,530	3,284	3,454
Mediterranean area:				South America:			
Cyprus.....	121	124	133	Argentina.....	164	150	135
Egypt.....	1,148	991	968	Other Southern Hemisphere:			
Greece.....	360	561	729	Australia.....	30	30	29
Israel.....	943	810	977	South Africa.....	99	107	113
Italy.....	2,104	2,055	2,078	Total.....	129	137	142
Morocco.....	1,023	965	970	Southern Hemisphere.....	293	287	277
Spain.....	2,597	2,594	2,475	World total.....	3,823	3,571	3,731
Turkey.....	835	862	870				
Total.....	9,131	8,962	9,200	<b>LEMONS</b>			
Far East:				North America:			
Japan.....	3,945	3,229	3,147	United States.....	716	1,096	852
Northern Hemisphere.....	26,469	24,102	21,852	Mediterranean area:			
South America:				Cyprus.....	37	36	41
Argentina.....	918	905	820	Greece.....	144	180	210
Brazil <sup>4</sup> .....	9,323	9,872	10,853	Israel.....	53	42	50
Chile.....	49	54	58	Italy.....	767	688	720
Total.....	10,290	10,831	11,731	Morocco.....	3	2	3
Other Southern Hemisphere:				Spain.....	317	342	500
Australia.....	457	381	414	Turkey.....	220	210	230
South Africa.....	543	569	577	Total.....	1,541	1,500	1,754
Total.....	1,000	950	991	Northern Hemisphere.....	2,257	2,596	2,606
Southern Hemisphere.....	11,290	11,781	12,722	South America:			
World total.....	37,759	35,883	34,574	Argentina.....	396	411	390
				Chile.....	72	75	77
<b>GRAPEFRUIT</b>				Total.....	468	486	467
North America:				Other Southern Hemisphere:			
Belize.....	15	21	20	Australia.....	48	38	42
Jamaica.....	22	21	20	South Africa.....	36	51	55
Mexico <sup>3</sup> .....	170	163	120	Total.....	84	89	97
United States.....	2,709	2,503	2,676	Southern Hemisphere.....	552	575	564
Total.....	2,916	2,708	2,836	World total.....	2,809	3,171	3,170

<sup>1</sup>Harvesting in Northern Hemisphere countries begins November of the year shown, and in Southern Hemisphere countries begins in May the following year.

<sup>2</sup>Preliminary.

<sup>3</sup>Four States only (Nuevo Leon, San Luis Potosi, Tamaulipas, and Veracruz).

<sup>4</sup>Sao Paulo 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 Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

Table 288.—Canned citrus juices, single-strength: United States packs, 1965-80

Season	Orange juice				Blended orange and grapefruit juice				Tangerine and tangerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>	<i>1,000 cases</i> <sup>1</sup>
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> )	2,153	49
1968.....	11,386	1,140	927	13,453	2,295	214	( <sup>2</sup> )	2,509	92
1969.....	11,223	<sup>3</sup> 3,073	( <sup>3</sup> )	14,296	2,192	<sup>3</sup> 228	( <sup>3</sup> )	2,420	47
1970.....	11,599	1,947	1,906	15,452	2,186	198	116	2,500	35
1971.....	10,800	1,718	1,334	13,852	1,807	64	112	1,983	16
1972.....	13,670	1,484	1,899	17,053	1,898	117	120	2,135	24
1973.....	10,885	1,676	1,258	13,819	1,782	145	56	1,983	18
1974.....	10,737	1,115	1,441	13,293	1,493	113	117	1,723	12
1975.....	10,635	1,570	1,256	13,461	1,687	144	938	2,769	19
1976.....	10,767	1,183	2,485	14,435	1,308	187	89	1,584	35
1977.....	11,654	1,748	2,427	15,829	1,664	194	87	1,945	8
1978.....	13,222	2,795	2,209	18,226	1,255	95	80	1,430	19
1979.....	13,869	2,079	2,419	18,367	1,314	138	82	1,534	17
1980.....	13,012	2,397	2,195	17,604	984	51	47	1,082	9

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> Pack data not available.<sup>3</sup> Texas included with California and Arizona.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 289.—Concentrated citrus juices: Annual packs, Florida, 1965-80

Season beginning December	Frozen concentrated juice			
	Orange <sup>1</sup>	Grapefruit	Tangerine	Blend
	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>	<i>1,000 gallons</i>
1965.....	76,695	3,971	715	50
1966.....	131,755	5,485	1,120	29
1967.....	83,697	1,814	582	10
1968.....	103,750	5,920	1,051	36
1969.....	124,947	4,294	785	16
1970.....	125,187	6,870	1,090	13
1971.....	134,229	8,798	1,220	22
1972.....	176,073	8,658	1,072	3
1973.....	171,846	9,026	1,019	11
1974.....	178,174	7,847	1,147	4
1975.....	186,265	9,316	1,111	1
1976.....	158,035	11,258	926	18
1977.....	161,204	13,693	1,672	1
1978.....	173,100	14,243	1,367	3
1979.....	231,257	19,443	2,142	1
1980.....	174,537	20,763	1,175	3

<sup>1</sup> 45° Brix through 1979; 43.4° Brix thereafter. Includes concentrated juice for manufacture.

Economic Research Service. Based on data obtained from Florida Citrus Processors' Association.

## FOOTNOTES FOR TABLE 285

<sup>1</sup> See footnote 1, table 286.<sup>2</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale.<sup>3</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>4</sup> Includes small quantities of tangerines in Texas. Excludes Florida temples.<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 290.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1965-80

Season	Sections, Florida	Juice (single-strength)			
		Florida	Texas	California and Arizona	Total
	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>
1965.....	4,002	12,090	610	1,126	13,826
1966.....	4,756	17,844	1,767	1,380	20,991
1967.....	3,412	13,300	750	1,776	15,826
1968.....	3,396	15,445	3,066	2,024	20,535
1969.....	3,325	16,423	( <sup>2</sup> )	<sup>2</sup> 5,701	22,124
1970.....	3,292	19,110	4,650	2,233	25,993
1971.....	2,571	20,874	3,837	2,066	26,777
1972.....	2,687	19,059	6,572	2,631	28,262
1973.....	3,027	20,576	6,013	2,412	29,001
1974.....	2,236	16,394	2,789	2,446	21,629
1975.....	1,602	18,890	4,030	2,901	25,821
1976.....	1,722	18,809	5,867	3,013	27,689
1977.....	1,753	17,246	4,690	4,443	26,379
1978.....	1,823	16,764	3,462	4,949	25,175
1979.....	1,966	16,604	3,606	4,018	24,228
1980.....	1,671	14,231	2,005	3,193	19,429

<sup>1</sup>Equivalent cases of 24 No. 2 cans.<sup>2</sup>Texas included with California and Arizona.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 291.—Citrus products: United States exports by kind, 1965/66-1980/81

Year beginning November	Orange juice <sup>e</sup>			Grapefruit juice			Blended juices	Grapefruit sections
	Single strength	Concentrate		Single strength	Concentrate			
		Hot pack	Frozen		Hot pack	Frozen		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 cases <sup>1</sup>
1965/66.....	6,271	842	3,060	3,109	165	251	1,165	128
1966/67.....	11,106	958	4,418	5,358	153	284	1,497	83
1967/68.....	13,186	724	4,226	4,472	188	355	981	92
1968/69.....	9,283	770	4,227	5,226	206	728	706	84
1969/70.....	12,134	1,640	5,816	6,049	360	913	744	63
1970/71.....	10,931	1,417	7,708	5,119	276	952	602	76
1971/72.....	8,942	1,310	7,925	4,956	288	1,045	678	64
1972/73.....	10,129	1,170	11,007	4,857	344	1,461	705	65
1973/74.....	10,083	1,395	11,973	4,965	310	1,155	651	88
1974/75.....	9,734	931	12,636	4,850	213	1,214	701	100
1975/76.....	10,693	1,354	15,161	5,115	306	1,292	674	57
1976/77.....	10,472	1,663	17,086	5,445	310	1,988	732	59
1977/78.....	9,819	( <sup>2</sup> )	( <sup>2</sup> )	4,358	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	73
1978/79.....	8,827	( <sup>2</sup> )	( <sup>2</sup> )	3,832	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	67
1979/80.....	10,105	( <sup>2</sup> )	( <sup>2</sup> )	3,977	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	72
1980/81.....	9,282	( <sup>2</sup> )	( <sup>2</sup> )	3,834	<sup>3</sup> 1,906	<sup>3</sup> 13,839	1,747	45

<sup>1</sup>Equivalent cases of 24 No. 2 cans.<sup>2</sup>Omitted because data misleading. Reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, but some custom ports inadvertently failed to do so until later in the year.<sup>3</sup>Single strength equivalent.

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

Table 292.—Oranges, fresh: United States exports by country of destination, 1978-80

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1978	1979	1980		1978	1979	1980
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				<b>Other countries:</b>			
Belgium and Luxembourg..	4,223	12,509	7,344	Australia.....	206	152	504
Denmark.....	49	950	96	Canada.....	128,518	159,773	158,455
France.....	1,705	11,175	3,484	Taiwan.....	47	1,409	915
Germany, Fed. Rep. of.....	265	5,164	269	French Pacific Islands.....	241	547	346
Iceland.....	86	290	8	Hong Kong.....	74,640	107,241	114,173
Netherlands.....	16,566	34,060	11,501	Indonesia.....	2,090	2,567	2,447
Norway.....	301	1,212	658	Japan.....	53,462	68,350	71,015
Sweden.....	771	3,532	2,223	Korea, Rep. of.....	72	101	118
United Kingdom.....	295	15,116	5,084	Kuwait.....		741	
Other countries.....	184	223	31	Malaysia.....	2,003	4,825	6,744
<b>Total.....</b>	<b>24,445</b>	<b>84,231</b>	<b>30,698</b>	New Zealand.....	4,378	6,013	5,904
				Other Pacific Islands.....	30	14	5
<b>Latin America:</b>			510	Philippines.....	51	54	147
Argentina.....			510	Saudi Arabia.....	1	697	
Mexico.....	90	335	1,713	Singapore.....	8,542	17,491	20,294
Other countries.....	18	6	10	Trust Territory of Pacific Islands.....	50	39	12
<b>Total.....</b>	<b>108</b>	<b>341</b>	<b>2,233</b>	United Arab Emirates.....		1,963	1,932
				Other countries.....	28	46	123
<b>Bermuda and Caribbean:</b>				<b>Total.....</b>	<b>274,359</b>	<b>372,023</b>	<b>383,134</b>
Bahamas.....	150	123	78	<b>Grand total.....</b>	<b>300,297</b>	<b>459,404</b>	<b>417,882</b>
Barbados.....		326	267				
Bermuda.....	150	104	80				
French West Indies.....	291	522	231				
Netherlands Antilles.....	780	1,721	1,136				
Other countries.....	14	13	25				
<b>Total.....</b>	<b>1,385</b>	<b>2,809</b>	<b>1,817</b>				

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

Table 293.—Fresh citrus fruits: Foreign trade, United States, 1965-80

Year <sup>1</sup>	Oranges		Grapefruit		Lemons		Limes		Tangerines	
	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965.....	28,863	254,295	218	90,114	62	111,409	1,560	965		6,897
1966.....	12,288	301,466	726	118,210	32	114,348	1,161	2,034		9,297
1967.....	67,972	137,550	1,524	82,564	28	118,289	1,198	862		9,183
1968.....	43,233	271,365	1,488	106,075	1	104,565	1,343	827		7,506
1969.....	37,313	258,220	3,629	101,766	2	128,287	2,177	552		9,335
1970.....	46,458	236,806	3,084	95,078	( <sup>2</sup> )	131,906	1,415	896		11,621
1971.....	45,151	291,560	6,387	177,505	3	155,808	1,706	793		14,136
1972.....	50,009	272,165	7,874	187,226	28	195,656	1,887	2,792		10,059
1973.....	45,682	312,059	6,423	229,008	15	193,362	3,084	1,965		9,183
1974.....	36,252	478,871	4,717	221,838	18	190,675	3,665	2,517		12,955
1975.....	21,473	440,159	4,246	277,547	( <sup>2</sup> )	209,990	4,645	2,999		14,860
1976.....	45,764	407,315	8,891	277,271	166	238,908	7,221	1,999		15,736
1977.....	25,719	337,435	2,867	260,827	28	217,443	11,286	2,551	<sup>3</sup> 6,124	16,994
1978.....	28,536	300,285	2,722	278,443	355	180,498	11,939	3,516	22,616	21,642
1979.....	10,084	459,401	3,084	219,424	56	171,468	17,455	3,620	19,351	20,118
1980.....	8,287	417,869	4,282	295,128	114,638	173,725	20,321	2,379	13,227	16,041

<sup>1</sup>Year beginning October for all commodities. Prior to 1976, year beginning November for oranges, tangerines, and lemons; year beginning September for grapefruit; year beginning July for limes.<sup>2</sup>Less than one metric ton.<sup>3</sup>Beginning 1977, tangerines reported separately.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 294.—Citrus fruits fresh: International trade, 1978-80

Continent and country	1978		1979		1980	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>ORANGES</b>						
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....		261,257		249,119		295,429
Trinidad and Tobago.....	73		228		194	
United States.....	355,818	42,185	317,645	45,021	481,385	158,935
Total.....	355,891	303,442	317,873	294,140	481,579	454,364
South America:						
Argentina.....	27,259	26	11,121	20,370	7,263	20,147
Brazil.....	47,996		95,549		94,016	
Total.....	75,255	26	106,670	20,370	101,279	20,147
Europe:						
Austria.....	5	97,117	7	93,767	84	100,718
Belgium and Luxembourg.....	24,577	193,038	24,963	197,044	23,685	191,812
Denmark.....	1,668	43,128	1,450	40,847	1,652	36,968
Finland.....	171	73,708	519	78,835	442	86,453
France.....	22,434	827,638	27,845	805,649	39,138	828,762
Germany, Fed. Rep. of.....	14,078	778,394	10,899	829,259	14,716	772,642
Greece.....	187,586		131,077		107,600	
Ireland.....	1,099	22,215	1,279	23,317	665	27,093
Italy.....	139,044	361	114,318	1,751	140,796	5,409
Netherlands.....	36,666	313,470	45,666	363,813	42,977	369,008
Norway.....	12	59,779	293	62,460	256	32,787
Spain.....	1,459,283	307	904,149		1,335,605	
Sweden.....	2,932	104,694	3,055	111,659	2,874	109,023
Switzerland.....	174	92,064	78	99,404	477	101,382
United Kingdom.....	15,477	419,630	18,935	412,317	18,234	467,941
Yugoslavia.....		84,748		92,539		68,269
Total.....	1,905,206	3,110,291	1,284,533	3,212,661	1,729,201	3,198,267
Africa:						
Algeria.....	130,090		132,000		35,500	
Morocco.....	471,012		539,000		771,581	
South Africa.....	371,526	5,019	356,962	6,185	345,000	758
Tunisia.....	48,634		29,591		24,031	
Total.....	1,021,262	5,019	1,057,553	6,185	1,176,112	758
Asia:						
Cyprus.....	25,587		24,691		20,232	
Hong Kong.....	8,932	128,336	8,084	122,993	6,837	149,191
Israel and Palestine.....	620,898		624,364		658,432	
Japan.....	14,157	51,008	15,545	54,075	18,128	71,403
Turkey.....	44,151		62,000		46,092	
Total.....	713,725	179,344	734,684	177,068	749,721	220,594
Oceania:						
Australia.....	17,040	8	20,631	210	37,628	126
Grand total.....	4,088,379	3,598,130	3,521,944	3,710,634	4,275,520	3,894,256
<b>GRAPEFRUIT</b>						
North America:						
Canada.....		94,209		81,662		88,657
Trinidad and Tobago.....	355				277	
United States.....	270,502	1,365	272,321	3,289	287,508	4,250
Total.....	270,857	95,574	272,321	84,951	287,785	92,907

See footnotes at end of table.

Table 294.—Citrus fruits fresh: International trade, 1978–80—Continued

Continent and country	1978		1979		1980	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>GRAPEFRUIT—continued</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>South America:</b>						
Argentina.....	12,388		12,388		12,765	
Brazil.....			160			
Total.....	12,388		12,548		12,765	
<b>Europe:</b>						
Belgium and Luxembourg.....	2,705	21,518	3,413	22,180	3,751	23,225
Denmark.....	301	5,650	286	7,550	198	8,191
Finland.....	20	6,466		9,833	21	8,859
France.....	1,122	110,440	1,879	107,503	1,569	114,329
Germany, Fed. Rep. of.....	2,518	119,809	4,188	115,159	5,820	115,904
Netherlands.....	33,616	63,430	26,037	55,154	30,724	62,637
Sweden.....	220	7,516	396	7,649	313	7,999
United Kingdom.....	2,590	112,670	4,773	112,702	3,631	112,702
Total.....	43,092	447,499	40,972	437,730	46,027	453,846
<b>Africa:</b>						
Algeria.....	440		600			
Morocco.....	895		420			1,227
South Africa.....	64,616		69,367			79,635
Total.....	65,951		70,387			80,862
<b>Asia:</b>						
Cyprus.....	33,687		39,238		36,105	
Israel and Palestine.....	266,876		284,319		270,000	
Total.....	300,563		323,557		306,105	
<b>Grand total.....</b>	<b>692,851</b>	<b>543,073</b>	<b>719,785</b>	<b>522,681</b>	<b>652,682</b>	<b>627,615</b>
<b>LEMONS</b>						
<b>North America:</b>						
Canada.....		20,944		21,129		20,579
United States.....	233,390	54	169,568	333	168,490	53
Total.....	233,390	20,998	169,568	21,462	168,490	20,632
<b>Europe:</b>						
Austria.....		27,628		27,089		26,150
Belgium.....	1,266	21,652	1,329	21,507	1,690	22,348
Denmark.....	329	7,017	215	6,662	168	6,584
Finland.....		3,366	7	3,732	56	4,071
France.....	2,172	116,514	2,244	115,043	2,868	117,449
Germany, Fed. Rep. of.....	2,254	123,385	2,964	118,702	1,842	116,344
Greece.....	84,545		58,449		107,665	
Ireland.....	2	1,737	2	1,794	17	2,190
Italy.....	184,962		221,396		221,430	
Netherlands.....	6,152	17,817	7,621	21,904	6,796	19,782
Spain.....	221,381	15	219,395	28	240,000	15
Sweden.....	399	7,314	383	7,337	467	7,400
Switzerland.....	75	17,938	42	17,969	90	18,768
United Kingdom.....	1,118	43,223	2,096	43,625	1,524	45,998
Yugoslavia.....		37,480		44,234		39,775
Total.....	504,675	425,086	516,143	429,626	584,613	426,874
<b>Africa:</b>						
Morocco.....	642		640		263	
South Africa.....	22,403		22,148			25,550
Total.....	23,045		22,788		263	25,550

See footnotes at end of table.



Table 294.—Citrus fruits fresh: International trade, 1978-80—Continued

Continent and country	1978		1979		1980	
	Exports	Imports	Exports	Imports	Exports	Imports
LEMONS—continued						
Asia:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Cyprus.....	8,244		12,495		12,140	
Israel and Palestine.....	17,184		29,761		26,243	
Japan.....		116,945		99,994		112,528
Turkey.....	86,700		79,260		119,029	
Total.....	112,128	116,945	121,516	99,994	157,412	112,528
Grand total.....	873,238	563,029	830,015	551,082	910,778	585,584

<sup>1</sup> Year ending June 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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 295.—Dates: Production, season average price per ton, and value, California, 1965-81

Year	Production	Price <sup>1</sup>	Value	Year	Production	Price <sup>1</sup>	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965.....	21,000	164	3,444	1974.....	22,700	222	5,039
1966.....	21,300	144	3,067	1975.....	24,800	298	7,390
1967.....	20,800	151	3,141	1976.....	22,400	346	7,750
1968.....	23,000	164	3,772	1977.....	25,400	338	8,585
1969.....	16,500	154	2,541	1978.....	21,550	485	10,452
1970.....	18,200	149	2,712	1979.....	21,300	514	10,948
1971.....	19,500	159	3,101	1980.....	22,400	634	14,204
1972.....	15,700	173	2,716	1981 <sup>2</sup> .....	22,200	655	14,541
1973.....	23,100	198	4,574				

<sup>1</sup> Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 296.—Dates: Foreign trade, United States, 1965-80

Year beginning July	Imports	Year beginning July	Imports	Year beginning July	Imports
	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>		<i>1,000 metric tons</i>
1965.....	13,191	1971.....	13,450	1977 <sup>1</sup> .....	16,535
1966.....	13,090	1972.....	15,987	1978 <sup>1</sup> .....	20,250
1967.....	11,771	1973.....	14,201	1979 <sup>1</sup> .....	12,905
1968.....	12,503	1974.....	11,287	1980 <sup>1</sup> .....	1,270
1969.....	9,889	1975.....	17,624		
1970.....	11,802	1976 <sup>1</sup> .....	16,781		

<sup>1</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 297.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1965-81<sup>1</sup>**

Year	Area harvested		Yield per acre <sup>2</sup>		Total production <sup>3</sup>		Utilized production		Price <sup>4</sup>	Value	Quantities processed <sup>5</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Barrels<sup>5</sup></i>	<i>Barrels<sup>5</sup></i>	<i>Barrels<sup>5</sup></i>	<i>Barrels<sup>5</sup></i>	<i>Barrels<sup>5</sup></i>	<i>Barrels<sup>5</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Barrels<sup>5</sup></i>
1965.....	20,640		68.9		1,422,800		1,422,800		15.50	22,072	978,300
1966.....	20,560		76.4		1,571,600		1,571,600		15.20	23,841	1,160,600
1967.....	21,020		66.8		1,404,300		1,404,300		14.80	20,784	1,034,400
1968.....	21,235		69.1		1,466,800		1,466,800		15.40	22,537	1,108,500
1969.....	21,285		85.7		1,823,100		1,823,100		15.50	28,241	1,412,600
1970.....	21,745		93.7		2,036,600		1,844,600		10.70	19,675	1,400,000
1971.....	22,410		101.1		2,264,800		1,639,800		10.70	17,599	1,158,800
1972.....	22,590		92.0		2,073,000		2,078,000		12.50	26,021	1,567,100
1973.....	23,100		90.9		2,100,300		2,100,300		13.50	28,384	1,470,200
1974.....	23,400		95.6		2,236,000		2,236,000		11.00	24,715	1,486,700
1975.....	23,300		89.1		2,075,100		2,075,100		13.10	27,112	1,444,200
1976.....	23,080		104.3		2,407,300		2,407,300		13.50	32,424	1,755,500
1977.....	22,540		93.3		2,102,200		2,102,200		18.10	38,154	1,454,000
1978.....	23,120		106.3		2,458,500		2,458,500		21.50	52,903	1,917,700
1979.....	23,200		106.7		2,475,500		2,475,500		26.70	66,039	2,067,000
1980.....	23,190		116.3		2,697,500		2,697,500		33.20	89,462	2,259,600
1981 <sup>7</sup> .....	23,150		112.0		2,593,000		2,593,000		39.70	103,010	1,977,100

<sup>1</sup> Estimates relate to Massachusetts, New Jersey, Oregon, Washington, and Wisconsin.<sup>2</sup> Derived from total production.<sup>3</sup> Differences between utilized and total production are quantities unharvested for economic reasons or excess cullage and/or set-aside production under provisions of the Cranberry Marketing Order.<sup>4</sup> Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production.<sup>5</sup> Mainly for canning.<sup>6</sup> Barrels of 100 pounds.<sup>7</sup> Preliminary.

Statistical Reporting Service.

**Table 298.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1979-81**

State	Area harvested			Yield per acre			Total production			Price <sup>2</sup> for crop of		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Bbl.<sup>3</sup></i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Mass.....	11,200	11,200	11,200	96.4	105.8	104.6	1,080,000	1,185,000	1,172,000	26.60	33.50	39.90
N.J.....	3,000	2,900	2,900	84.3	84.5	78.6	253,000	245,000	228,000	26.90	33.20	39.70
Oreg.....	800	790	850	118.1	105.7	112.9	94,500	83,500	96,000	26.70	33.10	39.70
Wash.....	1,100	1,100	1,100	133.6	94.5	117.3	147,000	104,000	129,000	26.70	33.10	39.70
Wis.....	7,100	7,200	7,100	126.9	150.0	136.3	901,000	1,080,000	968,000	26.70	32.80	39.50
U.S.....	23,200	23,190	23,150	106.7	116.3	112.0	2,475,500	2,697,500	2,593,000	26.70	33.20	39.70

<sup>1</sup> Preliminary.<sup>2</sup> Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production.<sup>3</sup> Barrels of 100 pounds.

Statistical Reporting Service.

**Table 299.—Figs: Production, season average price per ton, and value, California, 1965-81**

Year	Dried (dry basis)					Fresh and canned			Total		
	Production			Price	Value	Production (fresh basis)	Price <sup>1</sup>	Value	Production (fresh basis) <sup>2</sup>	Price <sup>1</sup>	Value
	Total	Standard	Substandard								
	Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1965	18,400	14,500	3,900	191.00	3,514	6,000	179.00	1,074	61,200	75.00	4,588
1966	20,600	18,400	2,200	188.00	3,873	6,000	182.00	1,092	67,800	73.20	4,965
1967	12,200	10,900	1,300	210.00	2,562	5,600	200.00	1,120	42,200	87.30	3,682
1968	15,800	13,000	2,800	212.00	3,350	4,200	271.00	1,138	51,600	87.00	5,107
1969	17,690	14,370	3,320	204.00	3,608	5,430	276.00	1,499	58,500	87.30	5,107
1970	14,070	12,280	1,790	219.00	3,081	7,390	276.00	2,040	49,600	103.00	5,109
1971	13,440	10,370	3,070	203.00	2,726	5,280	230.00	1,214	45,600	86.50	3,944
1972	11,050	8,950	2,100	388.00	4,293	3,250	258.00	839	36,400	141.00	5,132
1973	12,420	11,220	1,200	680.00	8,451	4,340	267.00	1,159	41,600	231.00	9,610
1974	13,130	11,430	1,700	682.00	8,955	5,000	287.00	1,437	44,600	233.00	10,392
1975	11,610	8,840	2,770	585.00	6,792	3,170	231.00	732	38,000	198.00	7,524
1976	10,070	7,000	3,070	522.00	5,257	1,900	274.00	521	32,100	180.00	5,778
1977	12,700	11,000	1,700	869.00	11,036	3,400	355.00	1,207	41,500	295.00	12,243
1978	9,300	6,930	2,370	920.00	8,556	3,700	404.00	1,493	31,600	318.00	10,049
1979	11,640	10,240	1,400	1,217.00	14,166	3,800	419.00	1,593	38,720	407.00	15,759
1980	14,450	11,400	3,050	888.00	12,837	2,100	501.00	1,051	45,450	306.00	13,888
1981	12,000	10,000	2,000	968.00	11,620	1,550	518.00	803	37,550	331.00	12,423

<sup>1</sup>Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup>Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

Statistical Reporting Service.

**Table 300.—Figs, dried: Foreign trade, United States, 1965-80**

Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports	Year beginning July	Imports for consumption	Domestic exports
	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons
1965	1,639	764	1971	1,335	1,291	1977	3,368	1,310
1966	1,521	767	1972	1,848	850	1978	3,387	1,472
1967	1,256	834	1973	1,416	1,310	1979	1,975	1,645
1968	2,124	723	1974	1,130	740	1980	1,843	1,388
1969	1,187	735	1975	1,773	1,002			
1970	1,570	1,075	1976	3,211	711			

<sup>1</sup>Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 301.—Grapes: Production, value, and raisin production, United States, 1965-81

Year	Grapes <sup>1</sup>				Raisins, production (California) <sup>2</sup>	Year	Grapes				Raisins, production (California) <sup>2</sup>
	Production (fresh basis)		Season average price per ton <sup>1</sup>	Value			Production (fresh basis)		Season average price per ton <sup>1</sup>	Value	
	Total	Utilized					Total	Utilized			
	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons		1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 tons
1965	4,351	4,326	45.10	195,084	270	1974	4,199	4,199	139.00	582,289	242
1966	3,734	3,733	55.60	207,706	280	1975	4,366	4,365	142.00	618,178	283
1967	3,069	3,062	69.30	212,319	181	1976 <sup>3</sup>	4,398	4,093	155.00	635,570	283
1968	3,549	3,549	66.60	236,374	264	1977	4,298	4,296	194.00	835,299	248
1969	3,898	3,898	72.50	282,514	251	1978 <sup>3</sup>	4,567	4,318	233.00	1,005,794	229
1970	3,103	3,103	94.20	292,263	193	1979	4,989	4,989	236.00	1,179,238	302
1971	3,994	3,994	96.00	383,267	194	1980	5,595	5,595	239.00	1,339,855	309
1972	2,579	2,579	165.00	426,238	105	1981 <sup>4</sup>	4,458	4,457	297.00	1,323,307	256
1973	4,198	4,198	162.00	681,675	224						

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>2</sup> Dried basis; 1 ton of raisins equivalent to about 4-5 tons of fresh grapes. Excludes table varieties dried. <sup>3</sup> Difference between total and utilized production reflects loss of California raisins laid but not harvested due to severe weather damage: 1976—65,000 tons (293,000 tons fresh equivalent); 1978—56,300 tons (248,000 tons fresh equivalent). <sup>4</sup> Preliminary. Statistical Reporting Service.

Table 302.—Grapes: Production and season average price per ton, by States, 1979-81

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Ariz.....	13,500	12,400	12,400	13,500	12,400	12,400	930.00	1,170.00	1,240.00
Ark.....	8,200	6,600	6,000	8,200	6,600	6,000	161.00	170.00	227.00
Calif:									
All varieties <sup>3</sup> .....	4,558,000	5,124,000	3,993,000	4,558,000	5,124,000	3,993,000	236.00	241.00	302.00
Wine varieties.....	1,821,000	2,004,000	1,794,000	4,821,000	2,004,000	1,794,000	214.00	210.00	266.00
Table varieties.....	417,000	428,000	420,000	417,000	428,000	420,000	310.00	410.00	440.00
Raisin varieties <sup>4</sup> .....	2,320,000	2,692,000	1,779,000	2,320,000	2,692,000	1,779,000	239.00	237.00	306.00
Dried <sup>5</sup> .....	302,300	309,000	256,000	302,300	309,000	256,000	1,151.00	1,205.00	1,315.00
Not dried.....	944,000	1,080,000	755,000	944,000	1,080,000	755,000	219.00	245.00	275.00
Mich.....	58,500	49,500	53,000	58,500	49,500	53,000	237.00	240.00	271.00
Mo.....	4,500	4,200	2,200	4,500	4,200	2,200	310.00	257.00	311.00
N.Y.....	165,000	175,000	150,000	165,000	175,000	150,000	230.00	218.00	248.00
N.C.....	5,800	5,800	5,100	5,500	5,500	4,900	258.00	276.00	318.00
Ohio.....	12,000	12,000	10,300	12,000	12,000	10,300	207.00	173.00	188.00
Pa.....	55,500	56,000	61,000	55,500	56,000	61,000	218.00	167.00	186.00
Wash.....	102,800	145,100	159,000	102,800	145,100	159,000	204.00	178.00	189.00
Other States <sup>6</sup> .....	5,200	4,500	5,600	5,200	4,500	5,200	295.00	388.00	420.00
U.S.....	4,989,000	5,595,100	4,457,600	4,988,700	5,594,800	4,457,000	236.00	239.00	297.00

<sup>1</sup> Preliminary. <sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California and Washington and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup> Price derived from unrounded data. <sup>4</sup> Fresh equivalent of dried and not dried. <sup>5</sup> Dried basis; 1 ton of raisins is equivalent to 4.55 tons for 1979, 5.22 tons for 1980, and 4.00 tons for 1981. <sup>6</sup> Georgia and South Carolina. Statistical Reporting Service.

Table 303.—Grapes: Production and utilization, United States, 1965-81

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice, etc. <sup>2</sup>
Tons	Tons	Tons	Tons	Tons	Tons	Tons	
1965	4,351,260	4,325,960	599,574	54,800	1,297,000	2,374,586	
1966	3,733,640	3,733,340	597,350	62,000	1,185,700	1,888,290	
1967	3,069,040	3,062,190	466,750	54,000	751,800	1,789,640	
1968	3,549,040	3,549,040	557,967	64,000	1,111,100	1,815,973	
1969	3,897,510	3,897,510	561,963	66,300	1,010,200	2,054,155	204,892
1970	3,103,330	3,103,330	390,006	53,700	821,800	1,583,229	254,595
1971	3,994,420	3,994,420	392,650	58,400	895,900	2,309,740	337,730
1972	2,578,650	2,578,650	358,585	50,500	437,400	1,520,190	211,975
1973	4,198,350	4,198,350	405,805	59,000	969,300	2,567,328	196,917
1974	4,198,800	4,198,800	434,490	61,200	1,023,800	2,415,711	263,599
1975	4,366,350	4,365,070	498,190	52,700	1,252,400	2,275,480	286,300
1976 <sup>3</sup>	4,398,330	4,092,980	466,330	48,000	982,500	2,321,710	274,440
1977	4,297,750	4,296,200	481,350	54,000	1,134,000	2,411,500	215,350
1978 <sup>3</sup>	4,566,700	4,317,800	437,250	55,000	759,000	2,671,450	395,100
1979	4,989,000	4,988,700	524,100	60,000	1,380,900	2,713,100	310,600
1980	5,595,100	5,594,800	568,990	63,000	1,620,000	2,996,300	346,510
1981 <sup>4</sup>	4,457,600	4,457,000	526,290	42,000	1,032,000	2,521,450	335,260

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly juice, but includes some quantities used for jam, jelly, etc. Prior to 1969, these quantities included with wine. <sup>3</sup> Total production includes loss for California raisin variety grapes laid to raisins but not harvested due to severe weather damage: 1976—293,000 fresh tons, 1978—248,000 fresh tons. <sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 304.—Grapes: Production and utilization, by States, crop 1981 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Crushed for—	
Tons	Tons	Tons	Tons	Tons	Wine	Juice, etc. <sup>2</sup>	
Ariz	12,400	12,400	12,400				
Calif:							
All varieties	3,993,000	3,993,000	503,000	42,000	1,032,000	2,416,000	
Wine varieties	1,794,000	1,794,000	69,000			1,725,000	
Table varieties	420,000	420,000	230,000		8,000	182,000	
Raisin varieties	1,779,000	1,779,000	204,000	42,000	<sup>3</sup> 1,024,000	509,000	
Mich	53,000	53,000	1,600			( <sup>4</sup> )	48,400
N.Y.	150,000	150,000	3,500			69,450	75,800
Ohio	10,300	10,300	200			( <sup>4</sup> )	8,600
Pa	61,000	61,000	1,800			13,600	45,600
Wash.	159,000	159,000	500			8,500	148,000
Other States <sup>5</sup>	18,900	18,300	3,290			13,900	5,360
U.S.	4,457,600	4,457,000	526,290	42,000	1,032,000	2,521,450	331,760

<sup>1</sup> Includes "Home use." <sup>2</sup> Mostly juice, but includes some quantities used for jam, jelly, etc. <sup>3</sup> Equivalent raisins produced (dried basis): 255,000 tons. <sup>4</sup> Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. total. <sup>5</sup> Arkansas, Georgia, Missouri, North Carolina, and South Carolina.

Statistical Reporting Service.

Table 305.—Raisins and currants: United States exports by country of destination, 1978/79-80/81

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1978/79	1979/80	1980/81		1978/79	1979/80	1980/81
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
<b>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	13	194	53	Bahamas.....	32	53	71
Belgium and Luxembourg.....	431	1,399	1,035	Bermuda.....	58	62	76
Denmark.....	1,229	2,342	2,397	Dominican Republic.....	47	185	117
Finland.....	1,178	2,575	2,699	Haiti.....	2	10	12
France.....	90	2,635	1,313	Jamaica.....	4	75	119
Germany, Fed. Rep. of.....	1,679	6,824	5,892	Netherlands Antilles.....	138	69	82
Iceland.....	44	141	117	Trinidad and Tobago.....	12	63	133
Ireland.....	17	542	0	Other countries.....	18	73	12
Italy.....	153	559	18	<b>Total.....</b>	<b>311</b>	<b>590</b>	<b>622</b>
Netherlands.....	655	2,707	1,565	<b>Other countries:</b>			
Norway.....	860	1,867	2,233	Canada.....	4,139	8,042	9,278
Sweden.....	2,095	3,416	3,373	Taiwan.....	281	2,036	1,836
Switzerland.....	425	646	934	Hong Kong.....	165	809	808
United Kingdom.....	985	7,866	3,975	Indonesia.....	26	89	137
Other countries.....	0	208	80	Israel.....	0	124	202
<b>Total.....</b>	<b>9,854</b>	<b>33,921</b>	<b>25,684</b>	Japan.....	4,264	15,396	19,073
<b>Latin America:</b>				Korea, Rep. of.....	113	559	906
Argentina.....	40	343	52	Lebanon.....	2	293	394
Bolivia.....	3	26	17	Malaysia.....	219	410	611
Brazil.....	62	121	143	New Zealand.....	277	654	936
Colombia.....	127	858	289	Philippines.....	70	42	149
Costa Rica.....	13	35	9	Saudi Arabia.....	23	89	466
Ecuador.....	68	179	129	Singapore.....	284	866	647
El Salvador.....	21	15	12	Soviet Union.....	0	539	0
Guatemala.....	102	45	45	Thailand.....	40	108	157
Honduras.....	23	24	31	Other countries.....	65	118	582
Mexico.....	343	104	17	<b>Total.....</b>	<b>9,968</b>	<b>30,174</b>	<b>36,182</b>
Nicaragua.....	5	7	6	<b>Grand total.....</b>	<b>21,585</b>	<b>67,929</b>	<b>64,877</b>
Panama.....	42	214	155				
Venezuela.....	583	1,191	1,379				
Other countries.....	20	82	105				
<b>Total.....</b>	<b>1,452</b>	<b>3,244</b>	<b>2,389</b>				

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

Table 306.—Grapes and raisins: Foreign trade, United States 1965-80

Year	Grapes		Raisin <sup>1</sup>		Year	Grapes		Raisin <sup>1</sup>	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports		Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	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
1965.....	25,515	119,065	151	69,162	1973.....	13,592	103,521	1,252	48,822
1966.....	14,063	113,555	208	65,180	1974.....	19,234	105,284	25	54,227
1967.....	21,114	103,199	910	67,796	1975.....	21,750	109,425	296	64,873
1968.....	14,410	107,976	1,170	70,526	1976 <sup>2</sup> .....	30,409	89,631	11,923	37,039
1969.....	14,840	130,612	913	73,469	1977 <sup>2</sup> .....	28,094	102,154	998	56,870
1970.....	20,168	103,689	1,009	61,188	1978 <sup>2</sup> .....	43,245	124,654	16,392	21,812
1971.....	11,520	127,595	3,197	72,642	1979 <sup>2</sup> .....	44,571	93,253	321	77,823
1972.....	8,944	93,455	2,986	22,903	1980 <sup>2</sup> .....	57,450	91,598	2	68,905

<sup>1</sup>Raisins converted to sweatbox or production basis by multiplying by 1.08.<sup>2</sup>Year beginning October for both grapes and raisins. Prior to 1976, year beginning for grapes; September for raisins.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 307.—Nectarines: Production, utilization, and value, California, 1965-81

Crop of—	Production	Utilization		Price per ton <sup>2</sup>	Value
		Fresh <sup>1</sup>	Processed (fresh basis)		
	Tons	Tons	Tons	Dollars	1,000 dollars
1965.....	<sup>3</sup> 64,800	63,700	1,100	86.00	5,573
1966.....	68,000	67,200	800	142.00	9,656
1967.....	55,000	54,300	700	157.00	8,635
1968.....	64,000	63,100	900	147.00	9,408
1969.....	66,000	65,000	1,000	140.00	9,240
1970.....	66,500	65,300	1,200	152.00	10,108
1971.....	70,000	69,100	900	155.00	10,850
1972.....	87,000	86,400	600	177.00	15,399
1973.....	86,500	85,600	900	255.00	22,058
1974.....	117,000	115,600	1,400	228.00	26,676
1975.....	111,000	110,000	1,000	275.00	30,525
1976.....	128,000	127,500	500	245.00	31,360
1977.....	155,000	155,000	.....	205.00	31,775
1978.....	148,000	144,700	3,300	307.00	45,436
1979.....	172,000	171,000	1,000	197.00	33,884
1980.....	191,000	190,500	500	231.00	44,121
1981 <sup>4</sup> .....	182,000	181,500	500	229.00	41,678

<sup>1</sup>Includes "Home use."<sup>2</sup>Processing fruit prices are equivalent returns at processing plant door.<sup>3</sup>Excludes 2,200 tons not harvested for 1965.<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 308.—Olives: Production, value, and utilization, California, 1965-81

Year	Production <sup>1</sup>	Season average price per ton <sup>2</sup>	Value	Utilization		
				Crushed for oil <sup>3</sup>	Canned	Other <sup>4</sup>
				Tons	Tons	Tons
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons
1965.....	50,000	219.00	10,950	4,300	37,800	7,300
1966.....	63,000	241.00	15,183	4,800	45,500	11,900
1967.....	14,000	384.00	5,376	1,470	10,230	2,000
1968.....	86,000	368.00	31,648	4,600	62,800	18,000
1969.....	70,000	329.00	23,030	5,200	51,700	12,500
1970.....	52,000	247.00	12,844	4,100	39,200	8,100
1971.....	55,000	148.00	8,140	4,900	39,600	9,800
1972.....	24,200	415.00	10,043	700	20,000	3,300
1973.....	70,000	392.00	27,440	4,300	54,300	10,700
1974.....	58,500	434.00	25,389	3,100	46,700	7,800
1975.....	67,000	336.00	22,512	3,800	53,300	9,000
1976.....	80,000	330.00	26,400	3,700	65,500	10,200
1977.....	43,000	403.00	17,329	2,300	32,300	7,800
1978.....	126,000	303.00	38,178	7,300	99,100	18,800
1979.....	62,000	408.00	25,296	1,600	52,300	7,600
1980.....	109,000	368.00	40,112	3,500	76,800	28,400
1981 <sup>5</sup> .....	43,000	672.00	28,896	600	37,800	4,500

<sup>1</sup>Production is the quantity sold or utilized.<sup>2</sup>Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup>About 40 gallons of oil are obtained from 1 ton of olives.<sup>4</sup>Includes Spanish, Greek, and Sicilian styles, halved and chopped, minced, brined, other cures, and a small amount shipped fresh.<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 309.—Olives and olive oil: Foreign trade, United States, 1965-80**

Year beginning July	Imports				Year beginning July	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inde- dible		In brine	Dried	Edible	Inde- dible
	1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds		1,000 gallons	1,000 pounds	1,000 pounds	1,000 pounds
1965	12,541	922	45,334	224	1973	16,738	1,518	52,923	250
1966	14,936	1,041	55,293	1,415	1974	14,079	1,173	48,427	200
1967	13,716	1,514	56,608	1,417	1975	15,323	643	59,232	129
1968	17,066	1,316	59,940	297	1976 <sup>1</sup>	15,481	1,465	56,288	189
1969	15,912	688	60,156	360	1977 <sup>1</sup>	17,809	1,063	59,456	142
1970	16,328	1,774	64,349	250	1978 <sup>1</sup>	13,293	1,190	61,977	143
1971	16,499	1,363	67,577	334	1979 <sup>1</sup>	15,078	1,294	( <sup>2</sup> )	( <sup>2</sup> )
1972	17,440	1,181	57,703	261	1980 <sup>1</sup>	15,325	1,490	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup>Year beginning October. <sup>2</sup>Not available.

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

**Table 310.—Peaches: Production and value, United States, 1965-81**

Year	Total production	Utilized production	Season average price <sup>1</sup>	Value	Year	Total production	Utilized production	Season average price <sup>1</sup>	Value
	Million pounds	Million pounds	Cents per pounds	1,000 dollars		Million pounds	Million pounds	Cents per pounds	1,000 dollars
1965	3,437.8	3,152.3	4.42	139,282	1974	2,917.2	2,756.3	9.5	260,822
1966	3,389.2	3,194.4	5.13	163,788	1975	2,835.6	2,645.6	10.4	274,958
1967	2,687.7	2,525.3	6.26	158,025	1976	3,018.3	2,641.7	9.6	253,613
1968	3,636.7	3,395.4	5.29	179,705	1977	2,955.4	2,825.7	9.8	277,789
1969	3,684.3	3,410.0	5.23	178,246	1978	2,652.7	2,515.7	12.0	301,143
1970	2,995.8	2,786.3	6.04	168,315	1979	2,951.2	2,846.7	11.6	331,282
1971	2,882.6	2,742.3	6.07	166,587	1980	3,079.6	2,965.1	12.4	368,598
1972	2,371.5	2,249.5	6.9	155,286	1981 <sup>2</sup>	2,788.6	2,657.8	13.3	353,757
1973	2,590.9	2,412.7	8.3	199,060					

<sup>1</sup>Fresh fruit prices are equivalent packinghouse—door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

**Table 311.—Peaches: Foreign trade, United States, 1965-80**

Year beginning July	Domestic exports					
	Fresh	Dried <sup>1</sup>	Canned	Canned in fruit salad <sup>2</sup>	Dried, in fruit salad <sup>1,3</sup>	Total, in terms of fresh <sup>4</sup>
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965	16,775	514	91,228	24,298	750	139,324
1966	12,162	572	103,917	27,741	518	149,876
1967	11,990	318	40,307	17,193	479	73,918
1968	17,289	121	52,113	20,318	375	92,475
1969	20,651	1,420	103,086	22,906	411	156,815
1970	17,606	1,966	76,273	15,778	323	122,373
1971	22,547	138	54,269	14,218	347	93,729
1972	24,869	241	50,510	17,904	332	96,466
1973	26,078	178	58,031	20,997	323	107,889
1974	22,693	303	44,467	15,132	368	86,019
1975	28,454	204	43,827	14,542	387	90,106
1976 <sup>5</sup>	27,620	517	53,565	16,527	340	102,473
1977 <sup>5</sup>	29,511	( <sup>6</sup> )	82,253	17,254	390	131,185
1978 <sup>5</sup>	30,017	( <sup>6</sup> )	55,590	17,039	294	104,279
1979 <sup>5</sup>	28,031	( <sup>6</sup> )	59,167	21,863	503	111,855
1980 <sup>5</sup>	35,751	( <sup>6</sup> )	59,340	21,826	565	120,056

See footnotes on page 219.



Table 312.—Peaches: Production and season average price per pound, 1979-81

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
Ala.....	20.0	14.0	22.0	20.0	14.0	20.6	18.5	22.5	18.1
Ark.....	36.0	28.0	37.0	35.0	27.0	35.0	13.8	13.5	13.9
Calif.:									
Freestone.....	468.0	476.0	441.0	468.0	476.0	441.0	10.9	9.9	12.3
Colo.....	14.0	18.0	20.0	13.0	18.0	20.0	20.8	17.9	16.5
Conn.....	2.5	2.8	.3	2.5	2.8	.3	32.0	30.0	35.0
Del.....	2.0	1.4	1.6	2.0	1.4	1.6	13.0	11.8	18.8
Ga.....	135.0	120.0	140.0	135.0	120.0	125.0	11.3	14.1	11.8
Idaho.....	10.5	13.0	12.0	10.5	13.0	11.7	15.0	12.5	16.7
Ill.....	15.0	24.0	22.0	15.0	24.0	22.0	18.5	18.5	21.4
Ind.....	4.2	8.0	7.0	4.2	8.0	7.0	22.0	25.0	26.1
Kans.....	5.0	6.5	6.5	5.0	6.5	6.3	25.0	20.0	33.0
Ky.....	15.0	15.5	16.0	15.0	15.5	16.0	21.0	18.6	21.0
La.....	7.0	4.0	6.0	7.0	4.0	5.8	23.0	32.0	25.0
Md.....	22.0	19.0	17.0	22.0	19.0	16.8	14.3	13.3	16.3
Mass.....	1.8	2.0	.2	1.8	2.0	.2	32.0	30.0	35.0
Mich.....	35.0	40.0	35.0	35.0	40.0	35.0	19.4	19.2	19.2
Miss.....	3.0	2.5	3.0	3.0	2.5	3.0	20.0	24.5	19.0
Mo.....	12.0	12.0	15.0	12.0	12.0	15.0	21.0	14.5	15.0
N.J.....	95.0	110.0	90.0	90.0	110.0	90.0	16.9	20.8	23.9
N.Y.....	6.7	13.0	9.0	6.7	13.0	9.0	22.2	23.5	23.6
N.C.....	50.0	45.0	40.0	50.0	45.0	40.0	16.3	12.8	13.2
Ohio.....	4.0	12.0	2.0	4.0	12.0	2.0	26.0	24.0	31.0
Okla.....	11.0	8.0	13.0	11.0	8.0	13.0	15.2	17.8	16.7
Oreg.....	16.0	13.0	12.0	16.0	13.0	11.5	19.2	22.3	24.0
Pa.....	80.0	105.0	65.0	80.0	105.0	65.0	14.7	14.5	17.6
S.C.....	350.0	355.0	430.0	343.0	355.0	420.0	13.9	17.6	14.8
Tenn.....	8.5	8.4	10.0	8.5	8.4	9.5	16.0	17.8	18.5
Tex.....	23.0	12.5	34.0	22.5	12.0	29.5	20.0	28.0	21.0
Utah.....	12.0	11.0	12.0	12.0	11.0	12.0	17.0	17.5	18.6
Va.....	32.0	32.0	30.0	32.0	32.0	30.0	13.2	15.6	13.3
Wash.....	31.0	31.0	20.0	31.0	31.0	20.0	16.1	17.9	23.6
W. Va.....	24.0	22.0	18.0	24.0	22.0	18.0	16.8	13.2	15.3
Total above.....	1,551.2	1,584.6	1,586.6	1,536.7	1,583.1	1,551.8	14.0	15.1	15.4
Calif.:									
Clingstone <sup>3</sup> .....	1,400.0	1,495.0	1,202.0	1,310.0	1,382.0	1,106.0	8.9	9.4	10.4
U.S.....	2,951.2	3,079.6	2,788.6	2,846.7	2,965.1	2,657.8	11.6	12.4	13.3

<sup>1</sup>Preliminary. <sup>2</sup>Fresh fruit prices are equivalent packinghouse-door returns for Western States except equivalent returns for bulk fruit at the first delivery point for California Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. <sup>3</sup>Mainly for canning. Total production includes culls and cannery diversions not utilized as follows (million pounds): 90.0 in 1979, 113.0 in 1980 and 96.0 in 1981.

Statistical Reporting Service.

Table 313.—Peaches, fresh: Production in specified countries, 1979-81.

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</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
North America:				Asia:			
Canada.....	33.1	40.9	32.1	Japan.....	275.6	244.6	286.9
United States.....	1,338.7	1,396.9	1,264.9	Total.....	275.6	244.6	286.9
Mexico.....	309.8	172.1	173.5				
Total.....	1,581.6	1,609.9	1,470.5	Southern Hemisphere:			
Europe:				Argentina.....	282.0	238.0	222.0
Austria.....	7.1	13.9	8.7	Australia.....	64.8	71.5	78.5
France.....	389.7	404.0	424.0	Chile.....	82.7	80.2	82.5
Germany, Fed. Rep. of.....	15.9	26.7	11.2	New Zealand.....	17.7	16.7	17.9
Greece.....	272.1	398.6	448.0	South Africa.....	157.4	195.1	148.6
Italy.....	1,408.1	1,384.1	1,550.0	Total.....	604.6	601.5	549.5
Spain.....	395.0	390.0	450.0				
Yugoslavia.....	66.2	92.0	80.0	Total specified countries.....	5,015.9	5,165.3	5,278.8
Total.....	2,554.1	2,709.3	2,971.9				

<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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 314.—Peaches: Production and utilization, United States, 1965-81**

Crop of—	Total production <sup>1</sup>	Utilized production	Utilization of quantities sold				
			Fresh <sup>2</sup>	Processed (fresh basis)			
				Canned <sup>3</sup>	Dried	Frozen	Other <sup>4</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>	<i>Million pounds</i>
1965.....	3,473.8	3,152.3	1,338.5	1,646.7	70.6	82.3	14.2
1966.....	3,389.2	3,194.4	1,222.7	1,828.6	44.0	88.2	10.9
1967.....	2,687.7	2,525.3	966.8	1,413.4	25.5	96.9	22.7
1968.....	3,636.7	3,395.4	1,338.8	1,874.6	36.6	109.6	35.8
1969.....	3,684.3	3,410.0	1,384.8	1,876.3	56.2	64.2	28.5
1970.....	2,995.8	2,786.3	1,181.5	1,476.6	36.4	73.7	18.1
1971.....	2,882.6	2,742.3	1,201.0	1,397.1	29.8	86.3	28.1
1972.....	2,371.5	2,249.5	844.9	1,268.8	24.0	65.3	46.5
1973.....	2,590.9	2,412.7	935.2	1,325.4	24.0	104.9	23.2
1974.....	2,917.2	2,756.3	952.0	1,650.6	29.0	78.1	46.6
1975.....	2,835.6	2,645.6	1,099.6	1,432.0	38.0	52.7	23.3
1976.....	3,018.3	2,641.7	1,151.2	1,326.3	30.0	109.8	24.4
1977.....	2,955.4	2,825.7	1,144.0	1,504.7	42.0	109.8	25.2
1978.....	2,652.7	2,515.7	1,135.8	1,230.8	35.0	69.8	44.3
1979.....	2,951.2	2,846.7	1,263.0	1,427.6	33.0	93.5	29.6
1980.....	3,079.6	2,965.1	1,335.1	1,498.3	34.0	77.1	20.6
1981 <sup>5</sup> .....	2,788.6	2,657.8	1,344.0	1,173.7	37.0	81.1	22.0

<sup>1</sup>Includes culls and cannery diversions for California Clingstone peaches (tons: 1965—78,000; 1966—85,000; 1967—79,000; 1968—86,000; 1969—114,000; 1970—98,000; 1971—61,000; 1972—60,000; 1973—81,000; 1974—76,000; 1975—81,000; 1976—77,000; 1977—57,500; 1978—60,500; 1979—45,000; 1980—56,500; 1981—48,000. <sup>2</sup>Includes "Home use."  
<sup>3</sup>Includes some quantities frozen and otherwise processed prior to 1969. <sup>4</sup>Used for jams, preserves, brandy, etc.  
<sup>5</sup>Includes small quantities frozen for some years. <sup>6</sup>Preliminary.

Statistical Reporting Service.

**Table 315.—Peaches: Production and utilization, by States, crop of 1981 (preliminary)**

State	Total production	Utilized production	Utilization				
			Fresh <sup>1</sup>	Processed (fresh basis)			
				Canned	Dried	Frozen	Other <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>	<i>Million pounds</i>	<i>Million pounds</i>
Calif., all <sup>3</sup> .....	1,643.0	1,547.0	291.0	1,128.5	37.0	( <sup>4</sup> )	( <sup>4</sup> )
Clingstone <sup>3</sup> .....	1,202.0	1,106.0	3.0	1,086.3	.....	.....	( <sup>4</sup> )
Freestone.....	441.0	441.0	288.0	42.2	37.0	( <sup>4</sup> )	( <sup>4</sup> )
Ga.....	140.0	125.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	.....	( <sup>4</sup> )
N.J.....	90.0	90.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	( <sup>4</sup> )	.....
Pa.....	65.0	65.0	60.0	( <sup>4</sup> )	.....	( <sup>4</sup> )	.....
S.C.....	430.0	420.0	395.0	( <sup>4</sup> )	.....	( <sup>4</sup> )	( <sup>4</sup> )
Wash.....	20.0	20.0	( <sup>4</sup> )	( <sup>4</sup> )	.....	.....	.....
Other States <sup>5</sup> .....	691.6	390.8	598.0	45.2	.....	81.1	22.0
U.S.....	3,079.6	2,657.8	1,344.0	1,173.7	37.0	81.1	22.0

<sup>1</sup>Includes "Home use." <sup>2</sup>Used for jams, preserves, brandy, etc. <sup>3</sup>Difference between total and utilized production is culls and cannery diversions. <sup>4</sup>Data not published to avoid disclosure of individual operations, but included in "Other States" and U.S. totals. <sup>5</sup>Alabama, Arkansas, Colorado, Connecticut, Delaware, Idaho, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Mississippi, Missouri, New York, North Carolina, Ohio, Oklahoma, Oregon, Tennessee, Texas, Utah, Virginia, and West Virginia.

Statistical Reporting Service.

Table 316.—Peaches, canned: United States exports by country of destination, 1978/79-80/81

Country of destination	Year beginning June			Country of destination	Year beginning June		
	1978/79	1979/80	1980/81		1978/79	1979/80	1980/81
	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>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	31	9	11	Bahamas.....	2	3	1
Belgium and Luxembourg.....	67	34	27	Bermuda.....	4	5	4
Denmark.....	29	34	19	Netherlands Antilles.....	3	8	7
Finland.....	40	49	44	Other countries.....	5	3	6
France.....	5		2	<b>Total.....</b>	<b>14</b>	<b>19</b>	<b>18</b>
Germany, Fed. Rep. of.....	403	403	434	<b>Other countries:</b>			
Netherlands.....	73	185	42	Canada.....	993	1,002	988
Norway.....	73	60	55	Taiwan.....	57	62	53
Sweden.....	97	135	68	Hong Kong.....	46	53	29
Switzerland.....	77	31	9	Japan.....	884	644	522
United Kingdom.....	101	10	19	Kuwait.....	15	3	13
Other countries.....	17	7	3	Saudi Arabia.....	16	24	30
<b>Total.....</b>	<b>1,013</b>	<b>957</b>	<b>733</b>	Singapore.....	38	48	34
				Other countries.....	37	35	20
<b>Latin America:</b>				<b>Total.....</b>	<b>2,086</b>	<b>1,871</b>	<b>1,689</b>
Colombia.....	32	33	32	<b>Grand total.....</b>	<b>3,192</b>	<b>3,007</b>	<b>2,879</b>
Panama.....	27	44	12				
Venezuela.....	3	17	10				
Other countries.....	17	266	385				
<b>Total.....</b>	<b>79</b>	<b>160</b>	<b>439</b>				

<sup>1</sup> Equivalent cases, 45-pound net weight.<sup>2</sup> Includes 29,000 cases to Argentina.<sup>3</sup> Includes 330,000 cases to Mexico.

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

Table 317.—Pears: Production and value, United States 1965-81

Year	Total production	Utilized production	Season average price <sup>1</sup>	Value	Year	Total production	Utilized production	Season average price <sup>1</sup>	Value
	Tons	Tons	Dollars per ton	1,000 dollars		Tons	Tons	Dollars per ton	1,000 dollars
1965.....	499,850	496,225	132.00	65,550	1974.....	741,720	740,660	169.00	125,389
1966.....	748,170	720,915	87.80	63,273	1975.....	748,000	741,800	143.00	105,765
1967.....	463,880	452,780	164.00	74,073	1976.....	839,100	819,100	124.00	101,890
1968.....	624,140	617,680	135.00	83,462	1977.....	781,600	779,500	146.00	113,520
1969.....	726,620	711,570	101.00	71,815	1978.....	723,250	723,250	219.00	158,724
1970.....	548,805	538,780	133.00	71,655	1979.....	854,700	854,200	204.00	174,295
1971.....	749,070	707,220	94.50	66,810	1980.....	897,300	896,300	196.00	175,808
1972.....	612,100	608,680	139.00	84,426	1981 <sup>2</sup> .....	891,900	888,850	186.00	165,233
1973.....	730,420	725,840	138.00	100,104					

<sup>1</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 311

<sup>1</sup> Net processed weight. <sup>2</sup> Canned peaches are 40 percent of total canned fruit for salad. <sup>3</sup> Dried peaches are 21 percent of total dried fruit for salad.<sup>4</sup> Beginning June 1965, exports of dried fruit converted to unprocessed dry weight by dividing by 1.08. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh. Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh. <sup>5</sup> Year beginning October. <sup>6</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 318.—Pears: Production and season average price per ton, by States, 1979–81

Variety and State	Total production			Utilized production			Price <sup>2</sup> for crop—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Calif., all.....	364,800	897,700	376,000	364,800	397,700	376,000	197.00	184.00	176.00
Bartlett.....	355,000	387,000	366,000	355,000	387,000	366,000	197.00	185.00	176.00
Other.....	9,800	10,700	10,000	9,800	10,700	10,000	208.00	159.00	177.00
Colorado.....	4,600	4,600	7,000	4,400	4,600	7,000	209.00	183.00	174.00
Conn.....	1,500	1,500	1,600	1,500	1,500	1,600	450.00	470.00	480.00
Mich.....	9,000	10,000	9,000	9,000	10,000	9,000	198.00	223.00	224.00
N.Y.....	18,000	21,000	17,000	17,700	20,000	17,000	182.00	222.00	219.00
Oreg., all.....	205,000	200,000	205,000	205,000	200,000	202,000	202.00	189.00	175.00
Bartlett.....	85,000	80,000	85,000	85,000	80,000	85,000	172.00	170.00	115.00
Other.....	120,000	120,000	120,000	120,000	120,000	117,000	224.00	202.00	218.00
Pa.....	3,100	3,500	3,000	3,100	3,500	3,000	294.00	299.00	304.00
Utah.....	2,700	3,000	3,100	2,700	3,000	3,050	280.00	300.00	330.00
Wash., all.....	246,000	256,000	270,200	246,000	256,000	270,200	214.00	213.00	200.00
Bartlett.....	153,000	143,000	144,500	153,000	143,000	144,500	180.00	185.00	147.00
Other.....	93,000	113,000	125,700	93,000	113,000	125,700	269.00	249.00	261.00
U.S.....	854,700	897,300	891,900	854,200	896,300	888,850	204.00	196.00	186.00

<sup>1</sup> Preliminary.<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for California, Oregon, and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. Statistical Reporting Service.Table 319.—Pears, fresh (dessert and cooking): Production in specified countries, 1979–81 <sup>1</sup>

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <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
North America:				Europe—Continued			
Canada <sup>3</sup> .....	33	39	35	Switzerland <sup>3,4</sup> .....	18	19	15
Mexico.....	48	46	46	Yugoslavia.....	95	115	110
United States <sup>3</sup> .....	775	814	810	Total Other Europe.....	652	605	709
Total.....	856	899	891	Total Europe.....	2,867	3,093	2,872
Europe:				Asia:			
Belgium and Luxembourg...	63	75	58	Japan.....	516	496	522
Denmark <sup>3</sup> .....	6	4	6	Total.....	516	496	522
France <sup>4</sup> .....	433	413	413	Southern Hemisphere:			
Germany, Fed. Rep. of.....	367	394	276	Argentina.....	160	155	130
Greece.....	104	111	129	Australia.....	128	124	155
Italy.....	1,062	1,342	1,160	Chile.....	38	39	44
Netherlands.....	120	105	72	New Zealand.....	14	18	18
United Kingdom <sup>4</sup> .....	60	44	49	South Africa.....	121	124	122
Total EC.....	2,215	2,488	2,163	Total.....	461	460	469
Other Europe:				Total specified countries.....	4,700	4,948	4,754
Austria <sup>4</sup> .....	46	42	32				
Norway.....	5	6	9				
Spain.....	480	418	537				
Sweden <sup>3</sup> .....	8	5	6				

<sup>1</sup> May include some cider varieties in countries not reporting separately. <sup>2</sup> Preliminary. <sup>3</sup> Commercial crop.<sup>4</sup> Excludes cider pears reported separately.

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

Table 320.—Pears, fresh: International trade, 1978-80

Continent and country	1978		1979		1980	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	1,622	21,690	789	26,974	1,796	24,393
United States.....	35,791	5,753	39,316	6,777	44,021	8,203
Total.....	37,413	27,443	40,105	33,751	45,817	32,596
South America:						
Argentina.....	75,966		69,202	50	50,000	
Brazil.....		60,282		48,686		34,590
Chile.....	15,828		20,781		26,060	
Total.....	91,794	60,282	89,983	48,736	76,060	34,590
Europe:						
Austria.....	195	12,046	8	16,283	173	20,209
Belgium and Luxembourg.....	18,219	20,720	19,333	17,909	19,982	19,817
Denmark.....	269	6,319	267	6,778	273	8,496
Finland.....	16	6,953	117	7,083	107	9,326
France.....	45,382	54,866	67,181	46,806	76,437	44,203
Germany, Fed. Rep. of.....	5,313	118,929	5,885	141,508	5,060	143,671
Ireland.....	25	2,905	45	2,958	24	4,320
Italy.....	113,955	12,784	156,693	24,004	143,228	33,325
Netherlands.....	49,837	18,701	49,316	25,886	51,890	21,863
Norway.....		7,538		13,538		10,587
Sweden.....	555	19,806	513	18,729	559	22,745
United Kingdom.....	3,282	45,307	958	44,959	1,968	59,702
Yugoslavia.....	488	971		935	9	
Total.....	237,516	327,345	300,316	367,376	299,710	398,264
Africa:						
Morocco.....	31		27		27	
South Africa.....	35,910		41,505	25	41,010	
Total.....	35,941		41,532	25	41,037	
Asia:						
Hong Kong.....	8,069	51,693	7,547	58,847	7,262	47,936
Japan.....	2,123	295	5,507	346	9,135	26
Total.....	10,192	51,988	13,054	59,193	16,397	47,962
Oceania:						
Australia.....	23,592		31,985		32,725	
New Zealand.....	1,169	153	1,585	231	1,779	275
Total.....	24,761	153	33,570	231	34,504	275
World total.....	437,617	467,211	518,560	509,312	513,525	513,687

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

Table 321.—Pears: Foreign trade, United States, 1965-80

Year beginning July	Imports for consumption, fresh	Domestic exports					Total, in terms of fresh fruit <sup>4</sup>
		Fresh <sup>1</sup>	Canned	Dried <sup>1</sup>	Dried, in fruit salad <sup>1 2</sup>	Canned, in fruit salad <sup>3</sup>	
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965 .....	3,125	31,651	2,597	255	596	21,260	61,040
1966 .....	6,853	30,688	3,259	193	411	24,273	62,146
1967 .....	12,006	23,219	1,531	93	381	15,043	42,874
1968 .....	14,059	16,666	2,062	167	298	17,778	39,529
1969 .....	10,697	30,844	1,885	172	326	20,042	28,248
1970 .....	16,990	18,804	6,099	141	256	13,806	41,290
1971 .....	7,440	25,539	4,216	171	275	12,440	45,094
1972 .....	15,240	24,313	4,655	340	264	15,665	48,559
1973 .....	8,382	39,135	5,388	110	298	18,372	65,547
1974 .....	8,409	34,618	2,874	98	292	13,240	53,267
1975 .....	7,079	33,914	3,567	259	307	12,724	53,812
1976 <sup>5</sup> .....	4,298	27,489	3,348	285	270	14,461	48,906
1977 <sup>5</sup> .....	5,775	35,744	4,320	( <sup>6</sup> )	310	15,097	57,176
1978 <sup>5</sup> .....	6,828	39,085	3,009	( <sup>6</sup> )	234	14,908	58,523
1979 <sup>5</sup> .....	8,054	39,370	2,625	( <sup>6</sup> )	399	19,130	63,719
1980 <sup>5</sup> .....	9,425	49,246	3,003	( <sup>6</sup> )	448	19,098	74,259

<sup>1</sup> Net Processed weight.<sup>2</sup> Dried pears are 16½ percent of total dried fruit for salad.<sup>3</sup> Canned pears are 35 percent of total canned fruit for salad.<sup>4</sup> Canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.0 pound fresh. Dried pears converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. 50 pounds fresh equals 1 bushel.<sup>5</sup> Year beginning October.<sup>6</sup> Not available.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 322.—Pears: Production and utilization, United States, 1965-81

Crop of—	Total production	Utilized production	Utilization of quantities sold		
			Fresh <sup>1</sup>	Processed (fresh basis)	
				Canned <sup>2</sup>	Dried
	Tons	Tons	Tons	Tons	Tons
1965 .....	499,850	496,225	204,400	290,725	1,100
1966 .....	748,170	720,915	290,964	421,651	8,300
1967 .....	463,880	452,780	191,878	259,702	1,200
1968 .....	624,140	617,680	212,414	402,666	2,600
1969 .....	726,620	711,570	271,151	436,219	4,200
1970 .....	548,805	538,780	197,923	337,357	3,500
1971 .....	749,070	707,220	284,787	417,933	4,500
1972 .....	612,100	608,680	251,035	352,345	5,300
1973 .....	730,420	725,840	307,230	413,710	4,900
1974 .....	741,720	740,660	295,960	439,600	5,100
1975 .....	748,000	741,800	326,780	( <sup>3</sup> )	( <sup>3</sup> )
1976 .....	839,100	819,100	339,230	( <sup>3</sup> )	( <sup>3</sup> )
1977 .....	781,600	779,500	298,200	( <sup>3</sup> )	( <sup>3</sup> )
1978 .....	723,250	723,250	297,070	( <sup>3</sup> )	( <sup>3</sup> )
1979 .....	854,700	854,200	300,100	( <sup>3</sup> )	( <sup>3</sup> )
1980 .....	897,300	896,300	345,010	( <sup>3</sup> )	( <sup>3</sup> )
1981 <sup>4</sup> .....	893,400	893,350	379,150	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Includes "Home use."<sup>2</sup> For some States includes some dried or otherwise processed.<sup>3</sup> Not published to avoid disclosure of individual operation.<sup>4</sup> Preliminary.

Statistical Reporting Service.

Table 323.—Pears: Production and utilization, by States, crop of 1981 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh <sup>1</sup>	Processed <sup>2</sup>
	Tons	Tons	Tons	Tons
Calif., all.....	376,200	376,200	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	366,000	366,000	70,000	296,000
Other.....	10,200	10,200	( <sup>3</sup> )	( <sup>3</sup> )
Colo.....	7,000	7,000	( <sup>3</sup> )	( <sup>3</sup> )
Conn.....	1,600	1,600	1,600	.....
Mich.....	9,000	9,000	( <sup>3</sup> )	( <sup>3</sup> )
N.Y.....	17,000	17,000	( <sup>3</sup> )	( <sup>3</sup> )
Oreg., all.....	204,000	204,000	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	84,000	84,000	( <sup>3</sup> )	( <sup>3</sup> )
Other.....	120,000	120,000	( <sup>3</sup> )	( <sup>3</sup> )
Pa.....	3,000	3,000	3,000	.....
Utah.....	3,100	3,050	3,050	.....
Wash., all.....	272,500	272,500	( <sup>3</sup> )	( <sup>3</sup> )
Bartlett.....	144,500	144,500	42,400	102,100
Other.....	128,000	128,000	( <sup>3</sup> )	( <sup>3</sup> )
U.S.....	893,400	893,350	379,150	514,200

<sup>1</sup> Includes "Home use."<sup>2</sup> Mostly canned, but includes small quantities dried, juiced, and other uses.<sup>3</sup> Data not published to avoid disclosure of individual operations, but included in U.S. totals.

Statistical Reporting Service.

Table 324.—Papayas: Area, yield, production, utilization, price, and value, Hawaii, 1965-81

Year	Area harvested	Yield per acre <sup>1</sup>	Production	Utilization		Price per pound	Value
				Fresh	Processed		
	Acres	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1965.....	700	24.5	17,935	14,698	3,237	6.2	1,112
1966.....	600	31.1	18,680	15,225	3,455	7.1	1,326
1967.....	760	30.1	22,845	19,393	3,452	7.4	1,691
1968.....	830	28.4	23,550	20,085	3,465	9.6	2,261
1969.....	850	22.6	19,235	16,337	2,898	12.4	2,385
1970.....	1,040	24.0	24,960	23,938	1,022	9.8	2,436
1971.....	970	21.4	20,725	19,172	1,553	13.2	2,736
1972.....	985	26.1	25,735	21,959	3,776	13.3	3,423
1973.....	1,430	23.0	32,824	28,848	3,976	12.7	4,180
1974.....	1,690	22.0	37,224	34,529	2,695	13.1	4,871
1975.....	1,840	21.7	39,896	34,952	4,944	14.2	5,668
1976.....	1,930	25.9	50,037	43,588	6,449	12.3	6,134
1977.....	2,155	29.5	63,548	53,987	9,561	11.9	7,565
1978.....	2,190	29.2	64,000	54,624	9,376	13.0	8,320
1979.....	2,210	18.6	41,015	36,446	4,569	23.2	9,515
1980.....	1,950	25.1	48,916	45,360	3,556	20.4	9,979
1981 <sup>2</sup> .....	2,110	44.5	<sup>3</sup> 94,000	58,170	5,430	19.3	12,267

<sup>1</sup> Derived from total production.<sup>2</sup> Preliminary.<sup>3</sup> Includes the following quantities of unharvested production and harvested fruit not sold (1,000 pounds), respectively, 9,000 and 21,400.

Statistical Reporting Service.

Table 325.—Plums, California: Production, value, and utilization, 1965-81

Season	Total production	Utilized production	Season average price per ton <sup>1</sup>	Value	Utilization of quantities sold	
					Fresh <sup>2</sup>	Processed
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons
1965.....	113,000	108,000	97.00	10,476	102,600	5,400
1966.....	95,000	86,000	182.00	15,652	82,400	3,600
1967.....	98,000	95,000	180.00	17,100	90,400	4,600
1968.....	106,000	106,000	178.00	18,868	100,700	5,300
1969.....	67,000	67,000	237.00	15,869	63,600	3,400
1970.....	123,000	123,000	160.00	19,680	119,300	3,700
1971.....	101,000	101,000	229.00	23,129	98,200	2,800
1972.....	96,000	96,000	248.00	23,808	93,300	2,700
1973.....	97,000	97,000	321.00	31,137	93,800	3,200
1974.....	143,000	143,000	275.00	39,325	140,000	3,000
1975.....	124,000	124,000	279.00	34,596	121,360	2,640
1976.....	115,000	115,000	380.00	43,700	111,900	3,100
1977.....	157,000	157,000	313.00	49,141	156,000	1,000
1978.....	154,000	154,000	370.00	56,980	151,000	3,000
1979.....	175,000	175,000	277.00	48,475	( <sup>3</sup> )	( <sup>3</sup> )
1980.....	160,000	160,000	449.00	71,840	157,400	2,600
1981 <sup>4</sup> .....	197,500	197,500	309.00	61,028	194,300	3,200

<sup>1</sup>Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door.

<sup>2</sup>Includes "Home use."

<sup>3</sup>Data not published to avoid disclosure of individual operations but included in total.

<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 326.—Pomegranates: Production, price, and value, California, 1965-81

Year	Production	Price per ton	Value	Year	Production	Price per ton	Value
	Tons	Dollars	1,000 dollars		Tons	Dollars	1,000 dollars
1965.....	3,300	92.00	304	1974.....	8,100	151.00	1,223
1966.....	3,400	100.00	340	1975.....	8,600	143.00	1,230
1967.....	2,400	118.00	283	1976.....	9,000	210.00	1,890
1968.....	2,900	97.00	281	1977.....	10,000	143.00	1,430
1969.....	7,400	123.00	910	1978.....	9,500	233.00	2,214
1970.....	8,000	125.00	1,000	1979.....	8,600	324.00	2,786
1971.....	8,500	131.00	1,114	1980.....	12,000	259.00	3,108
1972.....	7,100	124.00	880	1981 <sup>1</sup> .....	8,000	284.00	2,272
1973.....	5,800	170.00	986				

<sup>1</sup>Preliminary.

Statistical Reporting Service.



Table 327.—Prunes and plums:<sup>1</sup> Production, value, and utilization, 4 States, 1965-81

Year	Total production	Utilized production	Season average price per ton	Value	Utilization of quantities sold			
					Fresh <sup>2</sup>	Processed (fresh basis)		
						Dried	Canned <sup>3</sup>	Frozen
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons
1965.....	74,200	72,574	83.20	6,038	36,341	5,700	29,168	1,365
1966.....	67,200	66,180	99.70	6,600	33,720	7,100	24,010	1,350
1967.....	75,700	73,972	95.80	7,084	34,343	7,400	29,829	2,400
1968.....	45,000	41,280	114.00	4,694	25,010	300	14,995	975
1969.....	104,000	94,200	82.90	7,811	43,280	7,400	38,020	5,500
1970.....	51,500	48,350	121.00	5,826	28,040	3,950	13,110	3,250
1971.....	88,400	65,000	89.60	5,821	34,280	5,500	23,000	2,220
1972.....	42,400	41,880	173.00	7,228	29,040	2,000	7,460	3,380
1973.....	73,300	66,550	148.00	9,816	29,350	11,050	21,730	4,420
1974.....	71,200	71,200	150.00	10,685	35,350	( <sup>4</sup> )	21,665	( <sup>4</sup> )
1975.....	75,600	71,600	113.00	8,097	34,550	11,000	23,500	2,550
1976.....	77,000	73,500	123.00	9,046	38,150	12,850	29,900	1,600
1977.....	61,000	58,000	158.00	9,175	30,700	11,800	14,200	1,300
1978.....	69,800	69,200	156.00	10,797	40,950	9,050	16,100	3,100
1979.....	62,200	62,200	208.00	12,934	36,500	11,900	11,900	1,900
1980.....	78,600	78,600	179.00	14,044	40,600	17,300	18,500	2,200
1981 <sup>5</sup> .....	68,100	63,600	138.00	8,778	33,100	12,100	16,900	1,500

<sup>1</sup> Idaho, Michigan, Oregon, and Washington. Mostly prunes; however, estimates include small quantities of plums in all States.

<sup>2</sup> Includes "Home use."

<sup>3</sup> Some quantities of frozen, dried, or otherwise processed are included in "Canned" to avoid disclosure of individual operations prior to 1969. Beginning 1969, some quantities dried or otherwise processed are included in "Frozen" until 1975. Beginning 1975, other uses included in "Dried."

<sup>4</sup> Not published to avoid disclosure of individual operations.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 328.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1979-81

State	Total production			Utilized production			Price <sup>2</sup> for crop of—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars
Idaho.....	7,500	8,000	7,500	7,500	8,000	7,000	324.00	344.00	198.00
Mich.....	14,000	12,500	16,000	14,000	12,500	16,000	207.00	208.00	140.00
Oreg.....	26,000	35,000	30,000	26,000	35,000	26,000	184.00	150.00	133.00
Wash.....	14,700	23,100	14,600	14,700	23,100	14,600	192.00	149.00	116.00
Total, 4 States.....	62,200	78,600	68,100	62,200	78,600	63,600	208.00	179.00	138.00

<sup>1</sup> Preliminary.

<sup>2</sup> Fresh fruit prices are equivalent packinghouse-door returns for Oregon and Washington, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 329.—Prunes (dried basis), California: Production, price and value, 1965-81 <sup>1</sup>

Season	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value
	Tons	Dollars	1,000 dollars
1965.....	167,000	240.00	40,080
1966.....	132,000	325.00	42,000
1967.....	164,000	276.00	45,264
1968.....	153,000	301.00	46,053
1969.....	130,000	288.00	37,440
1970.....	200,000	202.00	40,400
1971.....	131,000	287.00	37,597
1972.....	77,000	535.00	41,195
1973.....	205,000	462.00	94,710
1974.....	142,000	440.00	62,480
1975.....	149,000	402.00	59,898
1976.....	148,000	412.00	60,976
1977.....	159,000	499.00	79,341
1978.....	132,000	696.00	91,872
1979.....	136,000	812.00	110,432
1980.....	168,000	683.00	114,744
1981 <sup>4</sup> .....	159,000	653.00	103,827

<sup>1</sup>The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit.<sup>2</sup>Production all utilized.<sup>3</sup>Equivalent returns at the processing plant door.<sup>4</sup>Preliminary.

Statistical Reporting Service.

Table 330.—Prunes and plums: <sup>1</sup> Utilization and season average price per ton, 1978-81

State and season	Quantity				Price <sup>4</sup>			
	Fresh <sup>2</sup>	Dried and other <sup>3</sup>	Canned	Frozen	Fresh	Dried and other	Canned	Frozen
	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars
Idaho:								
1978.....	( <sup>5</sup> )	( <sup>5</sup> )			( <sup>5</sup> )	( <sup>5</sup> )		
1979.....	( <sup>5</sup> )	( <sup>5</sup> )			( <sup>5</sup> )	( <sup>5</sup> )		
1980.....	( <sup>5</sup> )	( <sup>5</sup> )			( <sup>5</sup> )	( <sup>5</sup> )		
1981.....	( <sup>5</sup> )	( <sup>5</sup> )			( <sup>5</sup> )	( <sup>5</sup> )		
Mich.:								
1978.....	9,400		12,300		208.00		94.00	
1979.....	7,400		6,000		280.00		127.00	
1980.....	5,600		6,900		249.00		175.00	
1981.....	7,400		8,900		178.00		108.00	
Oreg.:								
1978.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	
1979.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	
1980.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	
1981.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )		( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	
Wash.:								
1978.....	15,300	( <sup>5</sup> )	( <sup>5</sup> )		172.00	( <sup>5</sup> )	( <sup>5</sup> )	
1979.....	12,100	( <sup>5</sup> )	( <sup>5</sup> )		219.00	( <sup>5</sup> )	( <sup>5</sup> )	
1980.....	18,000	( <sup>5</sup> )	( <sup>5</sup> )		170.00	( <sup>5</sup> )	( <sup>5</sup> )	
1981.....	11,200	( <sup>5</sup> )	( <sup>5</sup> )		133.00	( <sup>5</sup> )	( <sup>5</sup> )	
Total 4 States:								
1978.....	40,950	9,050	16,100	3,100	188.00	98.00	116.00	114.00
1979.....	36,500	11,900	11,900	1,900	258.00	145.00	131.00	119.00
1980.....	40,600	17,300	18,500	2,200	217.00	134.00	146.00	90.00
1981.....	33,100	12,100	16,900	1,500	183.00	118.00	99.30	93.30

<sup>1</sup>Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.<sup>2</sup>Includes "Home use."<sup>3</sup>Some quantities otherwise processed are included to avoid disclosure of individual operations.<sup>4</sup>Prices for fresh sales are average prices as sold for Idaho and Michigan; equivalent packinghouse door returns for Oregon and Washington. Quantities processed are priced at the equivalent processing plant door level.<sup>5</sup>Not published to avoid disclosure of individual operations, but is included in total.

Statistical Reporting Service.

**Table 331.—Prunes and plums, fresh: Production in specified countries, 1979-81**

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
<b>North America:</b>				<b>Europe—Continued</b>			
Canada.....	7.7	9.5	5.4	Switzerland.....	15.8	13.2	7.6
United States.....	602.6	746.8	695.3	United Kingdom.....	48.6	43.5	13.2
<b>Total.....</b>	<b>610.3</b>	<b>756.3</b>	<b>700.7</b>	Yugoslavia.....	517.0	666.0	620.0
				<b>Total.....</b>	<b>1,434.0</b>	<b>1,726.9</b>	<b>1,236.6</b>
<b>Europe:</b>				<b>Southern Hemisphere:</b>			
Austria.....	87.2	90.9	40.5	Argentina.....	71.0	69.0	72.0
Belgium and Luxembourg....	8.8	2.7	2.5	Australia.....	28.9	17.6	20.8
Denmark.....	1.6	1.2	1.2	Chile.....	14.0	15.0	15.5
France.....	84.3	83.7	81.3	New Zealand.....	5.2	3.8	4.0
Germany, Fed. Rep. of.....	406.3	535.1	169.2	South Africa.....	9.2	11.3	9.9
Italy.....	160.7	183.9	180.0	<b>Total.....</b>	<b>128.3</b>	<b>116.7</b>	<b>122.2</b>
Netherlands.....	8.9	6.2	2.0	<b>Total specified countries...</b>	<b>2,172.6</b>	<b>2,599.9</b>	<b>2,059.5</b>
Norway.....	11.8	10.5	14.1				
Spain.....	83.0	90.0	105.0				

<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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

**Table 332.—Prunes, dried: United States exports by country of destination, 1978/79-80/81**

Country of destination	Year beginning September			Country of destination	Year beginning September		
	1978/79	1979/80	1980/81		1978/79	1979/80	1980/81
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Europe:</b>				<b>Bermuda and Caribbean:</b>			
Austria.....	241	364	421	Bermuda.....	11	7	5
Belgium and Luxembourg....	1,376	1,540	1,670	Dominican Republic.....	94	116	42
Denmark.....	2,828	2,154	2,609	Haiti.....	2	8	10
Finland.....	1,944	2,878	3,592	Netherlands Antilles.....	60	276	95
France.....	2,104	3,515	7,206	Trinidad and Tobago.....	168	187	254
Germany, Fed. Rep. of....	4,891	3,755	6,023	Other Countries.....	15	1	4
Iceland.....	69	82	47	<b>Total.....</b>	<b>250</b>	<b>595</b>	<b>410</b>
Ireland.....	41	124	154				
Italy.....	7,273	7,193	9,756	<b>Other countries:</b>			
Netherlands.....	778	1,110	1,035	Australia.....	131	134	143
Norway.....	2,331	1,406	2,155	Canada.....	3,269	3,280	3,257
Spain.....	1,267	1,132	927	Canary Islands.....	50	29	39
Sweden.....	2,444	2,313	3,099	Hong Kong.....	280	297	208
Switzerland.....	636	674	743	Israel.....	146	0	56
United Kingdom.....	1,952	2,215	1,539	Japan.....	3,578	3,197	5,423
Other countries.....	27	23	31	Malaysia.....	254	331	284
<b>Total.....</b>	<b>30,202</b>	<b>30,478</b>	<b>41,007</b>	New Zealand.....	590	513	365
				Singapore.....	618	736	778
<b>Latin America:</b>				South Africa.....		352	1,230
Brazil.....	103	130	46	Taiwan.....	513	308	490
Colombia.....	55	267	317	Other countries.....	79	112	227
Costa Rica.....	17	23	2	<b>Total.....</b>	<b>9,508</b>	<b>9,339</b>	<b>12,505</b>
Ecuador.....	75	65	80				
Guatemala.....	50	29	39	<b>Grand total.....</b>	<b>42,962</b>	<b>42,629</b>	<b>56,417</b>
Mexico.....	1,077	683	1,011				
Nicaragua.....	17	4	3				
Panama.....	168	117	102				
Venezuela.....	1,271	837	777				
Other countries.....	69	62	118				
<b>Total.....</b>	<b>2,902</b>	<b>2,217</b>	<b>2,495</b>				

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

Table 333.—Prunes: Foreign trade, United States, 1965-80

Year beginning July	Imports				Domestic exports			
	Fresh prunes and plums	Otherwise prepared or preserved	Dried prunes <sup>1</sup>	Total, in terms of fresh <sup>2</sup>	Fresh prunes and plums	Dried prunes <sup>1</sup>	Dried, in fruit salad <sup>1,3</sup>	Total, in terms of fresh <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
1965	1,100	547	79	1,797	14,146	56,313	1,537	164,334
1966	758	529	472	2,460	5,637	42,396	1,060	118,455
1967	1,675	558	617	3,779	12,575	41,177	982	122,028
1968	1,989	557	386	3,492	8,980	40,064	767	114,984
1969	1,353	595	933	4,310	9,628	36,578	840	106,771
1970	1,366	595	842	4,087	10,787	38,259	661	111,829
1971	852	741	921	3,909	13,362	38,337	709	114,731
1972	288	986	4,378	12,540	15,165	33,306	680	103,398
1973	738	902	542	2,956	16,170	53,357	767	156,684
1974	720	806	30	1,523	16,755	36,201	754	112,696
1975	1,379	946	270	2,930	19,865	63,715	792	187,335
1976 <sup>4</sup>	819	885	498	2,908	21,482	47,910	696	147,671
1977 <sup>4</sup>	1,479	771	263	2,855	23,400	52,648	799	162,157
1978 <sup>4</sup>	1,390	806	359	3,047	20,175	43,260	603	134,050
1979 <sup>4</sup>	835	803	421	2,650	21,236	43,983	1,030	138,097
1980 <sup>4</sup>	1,526	760	61	2,367	25,813	56,440	1,156	175,341

<sup>1</sup> Net processed weight.<sup>2</sup> Exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04. Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh. <sup>3</sup> "Otherwise prepared or preserved" converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh.<sup>3</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad.<sup>4</sup> Year beginning October.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 334.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1978-81

Utilization, season, and State	Production			Value per unit		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	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:						
Fla.....	384	475	672	57.70	58.80	41.50
Total.....	384	475	672	57.70	58.80	41.50
Spring:						
Ark.....	18	26	16	42.80	30.50	45.00
Calif.....	3,266	3,561	3,973	40.20	46.30	47.10
La.....	46	39	39	44.50	46.90	52.60
Mich.....	143	137	137	56.10	51.10	49.20
N.J.....	34	38	43	40.00	61.40	68.60
N.Y.....	138	143	110	55.90	41.40	46.10
N.C.....	53	61	59	43.00	41.60	41.00
Ohio.....	105	133	80	44.00	49.60	52.00
Oreg.....	39	43	45	41.00	45.00	45.80
Pa.....	57	62	68	67.60	72.60	78.60
Wash.....	30	46	56	38.00	45.00	47.00
Wis.....	47	57	58	48.00	49.00	56.00
Total.....	3,976	4,346	4,684	42.00	46.80	47.90
U.S.....	4,360	4,821	5,356	43.40	47.90	47.10
<b>PROCESSING</b>						
Spring:						
Calif.....	1,449	1,609	1,423	26.50	24.20	25.80
Mich.....	53	39	39	38.10	34.80	39.90
Oreg.....	387	420	467	33.00	31.90	34.40
Wash.....	134	128	112	34.00	31.00	34.00
U.S.....	2,023	2,196	2,041	28.50	26.30	28.30

<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.

Statistical Reporting Service.

**Table 335.—Strawberries, commercial crop: Area, yield production, value per unit, and total value, United States 1965-81**

Year	Fresh market and processing					Fresh market <sup>2</sup>			Processing		
	Area 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 unit	Total		Per unit	Total		Per unit	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>1,000 dollars</i>
1965.....	67,940	64	4,328	22.10	95,836	2,629	25.60	67,238	1,699	16.80	28,598
1966.....	66,180	70	4,644	22.20	103,068	2,659	26.20	69,656	1,985	16.80	33,412
1967.....	63,700	74	4,740	20.50	97,029	2,818	24.50	69,101	1,922	14.50	27,928
1968.....	58,700	90	5,256	21.30	112,010	3,373	24.30	81,827	1,883	16.00	30,183
1969.....	53,500	91	4,862	22.60	109,771	3,154	25.90	81,697	1,708	16.40	28,074
1970.....	50,400	98	4,960	21.50	106,467	3,164	24.80	78,533	1,796	15.60	27,934
1971.....	47,780	109	5,207	22.50	116,975	3,404	25.40	86,394	1,803	14.50	26,081
1972.....	43,410	106	4,602	24.00	110,262	3,211	27.10	86,948	1,391	16.80	23,314
1973.....	40,610	118	4,796	27.60	132,186	3,164	31.00	97,934	1,632	21.00	34,252
1974.....	39,260	137	5,388	28.80	153,122	3,706	32.50	120,288	1,682	20.70	34,834
1975.....	39,590	139	5,506	30.60	168,352	3,774	35.50	133,917	1,732	19.90	34,435
1976.....	34,450	169	5,807	32.90	191,022	3,695	37.70	139,268	2,112	24.50	51,754
1977.....	35,650	186	6,619	33.20	219,958	4,298	39.10	167,949	2,321	22.40	52,009
1978.....	37,600	175	6,592	31.70	209,257	4,779	36.70	175,155	1,813	18.80	34,102
1979.....	36,300	176	6,383	38.70	246,850	4,360	43.40	189,105	2,023	28.50	57,745
1980.....	35,650	197	7,017	41.20	288,776	4,821	47.90	231,115	2,196	26.30	57,661
1981 <sup>4</sup> .....	36,600	202	7,397	41.90	310,267	5,356	47.10	252,409	2,041	28.30	57,858

<sup>1</sup>Excludes the following quantities not harvested and not marketed because of economic conditions (1,000 hundredweight): 302 in 1965, 4 in 1966, 44 in 1967, 70 in 1969, 100 in 1970, 1 in 1977, 1 in 1978, 28 in 1979, 48 in 1980, and 22 in 1981.

<sup>2</sup>Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door.

<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.

**Table 336.—Strawberries, commercial crop: Area, production, value per hundredweight, by States, 1979-81 <sup>1</sup>**

Season and State	Area			Production			Value per unit		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
Winter:									
Fla.....	<i>Acres</i> 2,400	<i>Acres</i> 2,500	<i>Acres</i> 3,200	<i>1,000 cwt.</i> 384	<i>1,000 cwt.</i> 475	<i>1,000 cwt.</i> 672	<i>Dollars per cwt.</i> 57.70	<i>Dollars per cwt.</i> 58.80	<i>Dollars per cwt.</i> 41.50
Total.....	2,400	2,500	3,200	384	475	672	57.70	58.80	41.50
Spring:									
Ark.....	400	400	250	18	26	16	42.80	30.50	45.00
Calif.....	11,500	11,000	10,900	4,715	5,170	5,396	36.00	39.40	41.40
La.....	700	650	650	46	39	39	44.50	46.90	52.60
Mich.....	2,800	2,700	2,700	196	176	176	51.20	47.50	47.10
N.J.....	900	900	900	34	38	43	40.00	61.40	68.60
N.Y.....	2,300	2,300	2,400	138	143	110	55.90	41.40	46.10
N.C. <sup>3</sup> .....	2,100	2,100	2,100	53	61	59	43.00	41.60	41.00
Ohio.....	1,900	1,900	1,900	105	133	80	44.00	49.60	52.00
Oreg. <sup>3</sup> .....	5,200	5,200	5,500	426	463	512	33.70	33.10	35.40
Pa.....	1,500	1,600	1,700	57	62	68	67.60	72.60	78.60
Wash.....	3,100	2,900	2,800	164	174	168	34.70	34.70	38.30
Wis. <sup>3</sup> .....	1,500	1,500	1,600	47	57	58	48.00	49.00	56.00
Total.....	33,900	33,150	33,400	5,999	6,542	6,725	37.50	39.90	42.00
U.S.....	36,300	35,650	36,600	6,383	7,017	7,397	38.70	41.20	41.90

<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 hundredweight): 1979—Oregon, 26 and Wisconsin, 2; 1980—North Carolina, 4, Oregon, 42, and Wisconsin, 2; 1981—North Carolina, 3, Oregon, 16, and Wisconsin, 3.

Statistical Reporting Service.

Table 337.—Fruits: Unloads at 8 markets, by commodities, 1981 <sup>1</sup>

Commodity	Boston			New York <sup>3</sup>			Philadelphia			Baltimore <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</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.
Apples.....	163	617	780	1,071	1,080	2,151	123	539	662	23	396	419
Grapefruit.....	32	501	533	79	1,483	1,562	15	391	406	1	310	311
Grapes.....	146	238	384	268	437	705	66	254	320	2	147	149
Lemons.....	67	99	166	208	453	661	78	146	224	17	67	84
Mixed citrus.....	30	.....	30	64	.....	64	.....	.....	.....	6	.....	6
Oranges.....	982	235	1,217	1,439	1,178	2,617	502	468	970	53	381	434
Peaches.....	3	331	334	12	827	839	.....	229	229	.....	102	102
Pears.....	168	123	291	515	330	845	78	198	276	7	105	112
Plums and fresh prunes.....	49	109	158	155	258	413	27	132	159	3	56	59
Strawberries.....	31	115	146	92	235	327	22	88	110	4	76	80
Tangerines.....	3	98	101	2	429	431	.....	85	85	.....	62	62
Miscellaneous.....	94	887	981	2,149	1,094	3,243	32	887	919	780	349	1,129
Total.....	1,768	3,353	5,121	6,054	7,804	13,858	943	3,417	4,360	896	2,051	2,947

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>5</sup>		
	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</sup>	Total	Rail, boat, and air	Motor-truck <sup>2</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.
Apples.....	46	285	331	572	560	1,132	6	1,813	1,819	.....	1,327	1,327
Grapefruit.....	.....	131	131	45	262	307	.....	537	537	.....	463	463
Grapes.....	.....	109	109	677	178	855	52	542	594	.....	270	270
Lemons.....	.....	1	1	241	120	361	.....	280	280	.....	131	131
Mixed citrus.....	.....	76	76	91	.....	91	.....	.....	.....	.....	.....	.....
Oranges.....	1	305	306	891	560	1,451	.....	1,931	1,931	.....	1,079	1,079
Peaches.....	.....	108	108	32	139	171	.....	383	383	.....	201	201
Pears.....	.....	34	34	170	145	315	.....	385	385	.....	242	242
Plums and fresh prunes.....	.....	32	32	132	76	208	.....	203	203	.....	86	86
Strawberries.....	.....	81	81	34	85	119	4	262	266	.....	182	182
Tangerines.....	.....	33	33	2	64	66	.....	119	119	.....	92	92
Miscellaneous.....	8	683	691	423	1,196	1,619	5,325	1,293	6,618	332	1,866	2,198
Total.....	55	1,878	1,933	3,310	3,385	6,695	5,387	7,748	13,135	332	5,939	6,271

<sup>1</sup> Use of car/carlot equivalents for reporting unloads of fresh fruits was discontinued at the close of calendar year 1977. Total unloads of specified commodities at 8 markets for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 369.

<sup>2</sup> Estimated percentages of completeness for reported truck unloads for 1981 are as follows: San Francisco 80; Atlanta 85; Baltimore 85-90; Chicago, Los Angeles, New York and Philadelphia 90; Boston 90-95.

<sup>3</sup> Includes Newark.

<sup>4</sup> Includes Washington.

<sup>5</sup> Includes Oakland.

Agricultural Marketing Service.

Table 338.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1981<sup>1</sup>

Commodity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	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.	1,000 cwt.
<b>Citrus fruit:</b>													
Grapefruit.....	2,435	2,610	2,749	2,281	1,058	297	103	39	337	2,031	1,877	2,656	18,473
Lemons.....	744	634	743	754	951	925	808	709	504	687	650	624	8,733
Limes.....	32	23	23	24	20	45	103	76	67	48	43	66	570
Mixed citrus.....	5	11	10	25	16	42	62	26	23	6	10	4	240
Oranges.....	3,667	3,539	4,127	4,154	4,528	2,935	2,155	1,575	1,529	2,239	3,575	5,034	39,057
Tangelos.....	273	80	7							61	384	780	1,585
Tangerines.....	328	198	109	22	1				6	243	420	687	2,014
Temple.....	417	344	70	4								37	872
<b>Total</b> .....	<b>7,901</b>	<b>7,439</b>	<b>7,838</b>	<b>7,264</b>	<b>6,574</b>	<b>4,244</b>	<b>3,231</b>	<b>2,425</b>	<b>2,466</b>	<b>5,315</b>	<b>6,959</b>	<b>9,888</b>	<b>71,544</b>
<b>Non-citrus:</b>													
Apples.....	3,643	2,992	2,985	2,776	2,846	1,573	1,310	1,386	1,670	3,517	3,166	3,072	30,936
Apricots.....					44	93	16	8					161
Avocados.....	484	386	379	388	551	460	453	486	389	435	333	379	5,123
Blueberries.....					8	75	173	58	2				316
Cherries.....					368	466	315	13					1,162
Grapes, Table.....	251	129	18		17	699	1,036	1,810	1,334	860	698	570	7,422
Grapes, Black.....									3	698	166		867
Grapes, White.....													
Grapes, Mixed.....									283	128	1		412
Mixed deciduous.....	35	39	21	23	29	35	54	41	19	48	60	58	686
Nectarines.....					144	736	1,107	970	232	1			462
Peaches.....				3	594	1,931	2,303	1,883	591	56	2		3,190
Pears.....	721	531	463	314	321	88	381	643	829	1,195	810	670	6,966
Plums-fresh prunes.....					207	731	1,488	1,197	398	79	5		4,105
Strawberries.....	24	174	508	1,100	1,166	638	295	223	192	48	10	3	4,381
<b>Total</b> .....	<b>5,158</b>	<b>4,251</b>	<b>4,374</b>	<b>4,604</b>	<b>6,295</b>	<b>7,525</b>	<b>8,931</b>	<b>8,721</b>	<b>7,180</b>	<b>6,676</b>	<b>5,085</b>	<b>4,752</b>	<b>73,552</b>
<b>Miscellaneous fruit and berries:</b>													
Fruits <sup>2</sup> .....	23	11	4	1	12	16	1		1	2	9	18	98
Mangoes.....					4	34	43	13					94
Misc. citrus.....									17	229	26		272
Persimmons.....										19	17	6	42
Pomegranates.....								7	29	48	27	3	114
<b>Total</b> .....	<b>23</b>	<b>11</b>	<b>4</b>	<b>1</b>	<b>16</b>	<b>50</b>	<b>44</b>	<b>20</b>	<b>47</b>	<b>298</b>	<b>79</b>	<b>27</b>	<b>620</b>
<b>Grand total</b> .....	<b>13,082</b>	<b>11,701</b>	<b>12,216</b>	<b>11,869</b>	<b>12,885</b>	<b>11,819</b>	<b>12,206</b>	<b>11,166</b>	<b>9,693</b>	<b>12,289</b>	<b>12,123</b>	<b>14,667</b>	<b>145,716</b>

<sup>1</sup>Use of car/carlot equivalents for reporting shipments of fresh fruit was discontinued at the close of calendar year 1977. Rail and boat shipment totals of specified commodities for 1963-1977 are published in carlot equivalents in *Agricultural Statistics*, 1978, table 370.

<sup>2</sup>Not otherwise specified.

Agricultural Marketing Service. Compiled from daily reports received from rail carriers, inspection service, and shipping points.

Table 339.—Fruits, noncitrus: Production, utilization, and value, United States, 1965-81<sup>1</sup>

Year	Utilized production	Fresh <sup>2</sup>	Processed						Value of utilized production
			Canned	Dried	Juice <sup>3</sup>	Frozen	Wine <sup>3</sup>	Other	
	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 dollars
1965.....	11,875	3,571	3,138	1,936		250		2,891	900,392
1966.....	11,199	3,537	3,255	1,780		203		2,424	970,828
1967.....	9,730	3,106	2,849	1,322		245		2,208	1,026,964
1968.....	10,846	3,436	3,233	1,672		267		2,238	1,153,803
1969.....	11,991	3,743	3,462	1,612	687	254	2,054	199	1,118,519
1970.....	10,746	3,414	2,948	1,634	708	221	1,583	238	1,101,756
1971.....	11,416	3,452	2,914	1,431	877	240	2,310	192	1,199,562
1972.....	9,323	3,155	2,711	804	720	244	1,520	169	1,363,962
1973.....	11,694	3,465	2,819	1,795	598	254	2,567	196	1,988,135
1974.....	11,861	4,270	2,250	1,655	768	223	2,416	279	1,987,805
1975.....	12,305	4,734	2,056	1,920	863	251	2,276	205	1,919,399
1976.....	11,769	4,564	1,942	1,661	818	254	2,322	208	2,081,819
1977.....	12,216	4,531	2,060	1,870	841	244	2,412	258	2,533,727
1978.....	12,460	4,166	2,549	1,365	1,140	257	2,672	311	3,034,361
1979.....	13,702	4,371	2,758	2,044	1,285	226	2,713	305	3,404,911
1980.....	15,159	5,014	2,670	2,487	1,419	251	2,996	322	3,488,986
1981 <sup>4</sup> .....	12,865	4,664	2,225	1,763	1,230	184	2,521	278	3,484,736

See footnotes on page 232.

Table 340.—Fruit juices, canned: United States packs, 1965-80

Season	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>
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
1969	22,124	14,296	2,419	47	15,014	<sup>4</sup> 7,200	<sup>4</sup> 9,200	13,390	<sup>(5)</sup>
1970	25,993	15,452	2,500	35	13,704	<sup>4</sup> 6,600	<sup>4</sup> 9,300	14,118	<sup>4</sup> 6,200
1971	26,777	13,852	1,983	16	13,641	<sup>(5)</sup>	<sup>(5)</sup>	13,696	<sup>(5)</sup>
1972	28,262	17,053	2,135	24	12,328	<sup>(5)</sup>	<sup>(5)</sup>	13,822	<sup>(5)</sup>
1973	29,001	13,819	1,983	18	11,350	<sup>(5)</sup>	<sup>(5)</sup>	12,852	<sup>(5)</sup>
1974	21,629	13,294	1,723	12	8,448	<sup>(5)</sup>	<sup>(5)</sup>	14,544	<sup>(5)</sup>
1975	25,821	13,460	2,769	19	8,713	<sup>(5)</sup>	<sup>(5)</sup>	15,013	<sup>(5)</sup>
1976	27,689	14,435	1,584	35	10,205	<sup>(5)</sup>	<sup>(5)</sup>	15,719	<sup>(5)</sup>
1977	26,379	15,829	1,945	8	11,977	<sup>(5)</sup>	<sup>(5)</sup>	17,056	<sup>(5)</sup>
1978	25,175	18,905	1,138	19	11,336	<sup>(5)</sup>	<sup>(5)</sup>	20,804	<sup>(5)</sup>
1979	24,228	18,367	1,534	17	12,186	<sup>(5)</sup>	<sup>(5)</sup>	25,305	<sup>(5)</sup>
1980	19,429	17,604	1,082	11	12,405	<sup>(5)</sup>	<sup>(5)</sup>	25,131	<sup>(5)</sup>

<sup>1</sup> Excluding citrus concentrates.<sup>2</sup> Hawaii and foreign operations.<sup>3</sup> Equivalent cases of 24 No. 2 cans.<sup>4</sup> Thousand actual cases basis.<sup>5</sup> Not available.

Economic Research Service. Based on data obtained from various canners' associations and individual canners.

Table 341.—Fruits, dried: Production (dry basis), United States, 1965-81

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1965	11,510	5,130	21,000	14,500	5,430	170	117,120	270,400	445,260
1966	15,900	6,500	21,300	18,400	3,380	1,280	96,910	280,400	444,070
1967	9,980	3,670	20,800	10,300	1,960	180	122,110	181,200	350,800
1968	10,860	3,850	23,000	13,000	2,820	400	107,420	264,250	425,600
1969	17,669	6,430	16,500	14,370	3,510	764	91,300	251,800	402,343
1970	11,862	5,600	18,200	12,280	2,275	585	158,360	193,450	402,612
1971	6,012	4,000	19,500	10,370	1,860	750	91,850	194,830	329,172
1972	9,288	3,000	15,700	8,950	1,500	960	41,750	105,350	186,498
1973	15,481	3,260	23,100	11,220	1,500	790	161,760	224,550	441,661
1974	12,325	2,640	22,700	11,430	1,750	700	<sup>2</sup> 105,221	242,150	398,916
1975	14,344	4,500	24,800	8,840	2,375	980	<sup>2</sup> 102,695	283,650	442,184
1976	14,331	4,650	22,400	7,000	2,500	1,270	<sup>2</sup> 106,322	<sup>3</sup> 218,400	376,873
1977	14,094	5,100	25,400	11,000	2,500	1,130	<sup>2</sup> 116,414	248,900	424,538
1978	13,813	3,600	21,550	6,930	2,000	855	<sup>2</sup> 94,966	172,500	316,214
1979	15,982	5,300	22,350	10,240	1,800	1,530	<sup>2</sup> 95,451	303,400	456,053
1980	12,169	3,600	22,400	11,400	2,200	1,500	<sup>2</sup> 124,499	310,550	488,318
1981 <sup>4</sup>	10,500	3,800	23,900	10,000	2,200	1,160	<sup>2</sup> 121,207	256,810	429,577

<sup>1</sup> Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates.<sup>2</sup> Excludes Oregon.<sup>3</sup> Excludes 65,000 tons laid but not harvested. Includes 72,600 tons substandard diverted for distilling purposes.<sup>4</sup> Preliminary.

Economic Research Service. Compiled from reports of the Department and trade sources. All data on a natural condition basis.

## FOOTNOTES FOR TABLE 339

<sup>1</sup> Apples, apricots, avocados, bananas, bushberries, cherries, cranberries, dates, figs, grapes, nectarines, olives, papayas, peaches, pears, pineapples, pomegranates, and prunes and plums. Persimmons discontinued after 1977; Bushberries in 1981.<sup>2</sup> Includes "Home Use".<sup>3</sup> Included in "Other" prior to 1969.<sup>4</sup> Preliminary.

Statistical Reporting Service.



Table 342.—Fruits, dried: Commercial production in specified countries, 1979-81

Commodity and country	1979	1980	1981 <sup>1</sup>	Commodity and country	1979	1980	1981 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Apples, dried:				Pears, dried:			
South Africa .....	188	367	354	Australia .....	184	160	160
Total .....	188	367	354	South Africa .....	636	902	1,612
				Total .....	820	1,062	1,772
Apricots, dried:				Prunes, dried:			
Australia .....	2,414	1,300	1,600	Argentina .....	10,000	9,000	7,000
Iran .....	4,000	3,500	2,000	Australia .....	4,569	2,400	2,600
South Africa .....	1,505	1,704	1,936	Chile .....	5,400	4,500	5,000
Total .....	7,919	6,504	5,536	France .....	24,302	17,750	27,000
				South Africa .....	1,583	1,675	1,320
Currants:				Yugoslavia .....	10,798	18,684	20,000
Australia .....	5,952	6,440	4,175	Total .....	56,658	54,009	62,920
Greece .....	56,000	61,800	72,000				
South Africa .....	691	973	896	Raisins:			
Total .....	62,643	69,213	77,071	Australia .....	55,894	92,162	55,723
				Greece .....	78,700	68,500	92,000
Figs, dried:				Iran .....	60,000	60,000	50,000
Greece .....	18,000	16,500	18,500	South Africa .....	17,530	25,397	23,905
Portugal .....	5,000	4,500	2,500	Spain .....			
Turkey .....	52,000	55,000	60,000	Turkey .....	83,000	95,000	95,000
Total .....	75,000	76,000	81,000	Total .....	295,124	341,059	316,628
Peaches, dried:							
Australia .....	327	130	130				
Chile .....	1,300	1,300	1,200				
South Africa .....	2,354	2,726	3,013				
Total .....	3,981	4,156	4,343				

<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 Counselors, Attachés and Foreign Service Officers, results of office research.

Table 343.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1981 <sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</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>
Apples .....	<sup>6</sup> 21,191		40,202	44,500	105,893
Apricots .....				13,606	13,606
Cherries, red tart .....	10,545		60,416	14,887	85,848
Cherries, sweet .....			<sup>7</sup> 6,869	7,340	14,209
Grapes and pulp .....				<sup>7</sup> 2,901	2,901
Peaches .....				<sup>6</sup> <sup>7</sup> 59,612	59,612
Plums and prunes .....				<sup>7</sup> 4,348	4,348
Purees, noncitrus* .....				<sup>6</sup> <sup>7</sup> 13,128	13,128
Berries:					
Blackberries .....				<sup>7</sup> 16,997	16,997
Blueberries .....	<sup>6</sup> 21,372		25,927	2,842	50,141
Boysenberries .....				3,627	3,627
Currants .....				<sup>7</sup> 330	330
Loganberries .....				1,552	1,552
Ollieberries .....				374	374
Raspberries, black .....			<sup>7</sup> 3,368		3,368
Raspberries, red .....				<sup>7</sup> 22,811	22,811
Strawberries .....			<sup>6</sup> 7,195	203,363	210,558
Citrus juices <sup>10</sup> .....		<sup>11</sup> 2,435,447			2,435,447
Miscellaneous fruits and berries <sup>9</sup> .....				<sup>6</sup> 16,620	16,620
Total .....	53,108	2,435,447	143,977	428,838	3,061,378

See footnotes on page 236.

Table 344.—Fruits, frozen: Commercial pack, United States, 1972-81

Commodity	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples.....	130,377	135,086	99,180	89,704	118,759	97,204	68,337	60,827	69,109	105,893
Apricots.....	15,512	16,534	11,848	15,886	15,008	15,749	11,814	16,941	10,409	13,606
Cherries, red tart.....	145,570	109,368	137,976	126,073	84,113	154,600	126,300	116,300	129,009	85,848
Cherries, sweet.....	3,266	5,209	8,890	6,712	12,386	13,011	18,362	13,262	10,776	14,209
Grapes and pulp.....	5,333	4,145	2,897	( <sup>1</sup> )	1,723	4,892	4,529	2,264	2,178	2,901
Peaches.....	46,316	81,388	59,058	40,273	65,101	69,323	40,814	62,510	56,274	59,612
Plums and prunes.....	5,075	6,121	6,315	5,236	4,977	3,594	2,774	5,649	6,195	4,348
Purees, noncitrus.....	10,582	12,228	5,311	5,983	16,171	16,833	16,338	12,251	8,913	13,128
Berries:										
Blackberries.....	21,164	8,249	21,107	20,892	22,774	23,352	19,579	14,823	20,874	16,997
Blueberries.....	30,932	44,376	24,393	24,572	26,261	14,750	27,992	31,485	36,426	50,141
Boysenberries.....	6,203	6,275	5,093	4,815	4,094	3,836	3,048	2,732	4,678	3,627
Currants.....	758	1,114	630	543	1,123	765	654	475	461	330
Loganberries.....	1,517	852	1,877	2,954	2,371	3,427	2,089	1,276	1,905	1,552
Ollalieberries.....	2,724	3,186	2,936	1,880	( <sup>1</sup> )	( <sup>1</sup> )	2,886	3,082	3,646	374
Raspberries.....	24,361	29,309	22,107	26,652	22,561	24,988	21,195	23,518	21,426	26,179
Strawberries.....	146,842	168,552	170,371	183,895	216,153	220,391	153,834	190,572	253,072	210,558
Citrus juices <sup>2</sup> .....	1,474,873	1,889,329	1,839,828	1,985,992	1,909,776	1,711,977	1,726,514	1,901,847	2,403,811	1,809,524
Miscellaneous fruits and berries.....	15,530	18,172	23,983	10,755	14,938	20,694	16,021	16,897	18,051	16,620
Total.....	2,086,935	2,539,493	2,443,800	2,552,817	2,538,289	2,399,386	2,269,080	2,476,711	3,057,213	2,435,447

<sup>1</sup>Included in miscellaneous fruits and berries.<sup>2</sup>Florida only. Calendar year estimate.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

Table 345.—Fruit and juices: Cold-storage holdings, end of month, United States, 1980 and 1981

Month	Fresh		Frozen					
	Apples		Apples		Blueberries		Cherries	
	1980	1981	1980	1981	1980	1981	1980	1981
	<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>
January.....	2,226,463	2,635,525	83,908	73,121	33,989	25,816	57,311	80,113
February.....	1,597,172	2,035,837	86,812	78,661	28,898	21,811	49,240	69,987
March.....	1,046,602	1,486,111	81,099	76,901	24,410	17,799	43,794	60,030
April.....	651,180	996,357	68,875	69,203	21,636	14,284	37,251	50,981
May.....	322,067	553,403	62,227	63,819	18,521	11,160	32,387	42,696
June.....	140,178	184,877	55,784	57,311	15,981	8,028	28,172	36,662
July.....	19,699	84,600	50,129	52,780	16,876	12,918	90,348	90,109
August.....	3,934	16,494	42,170	43,571	37,831	40,891	122,578	92,934
September.....	1,550,085	1,424,597	36,022	39,968	44,082	38,763	115,931	86,849
October.....	4,366,534	3,871,961	43,775	50,466	38,418	32,553	105,984	80,187
November.....	4,019,636	3,332,901	48,520	56,867	32,956	28,657	95,200	72,468
December.....	3,244,578	2,676,113	58,445	68,605	29,405	25,416	89,388	67,726

Month	Frozen—Continued					
	Strawberries		Total frozen fruit		Orange juice	
	1980	1981	1980	1981	1980	1981
	<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>
January.....	115,105	132,975	508,972	552,338	827,176	907,077
February.....	98,011	113,386	448,779	498,917	1,062,523	1,053,241
March.....	90,908	107,301	396,750	450,881	1,124,810	1,180,070
April.....	103,298	105,345	364,961	404,355	1,221,446	1,264,358
May.....	106,428	115,067	341,166	374,170	1,429,716	1,502,246
June.....	198,776	165,139	415,410	406,149	1,500,325	1,491,288
July.....	240,696	190,553	553,378	514,273	1,369,315	1,307,791
August.....	225,233	175,716	605,410	536,180	1,182,371	1,178,772
September.....	210,841	171,845	631,652	563,071	963,725	1,022,233
October.....	187,502	153,014	665,021	624,895	842,687	892,200
November.....	172,496	130,295	625,749	584,420	679,524	759,067
December.....	151,905	115,168	579,487	545,574	722,432	753,141

Statistical Reporting Service.

Table 346.—Canned fruits and fruit juices: Canners' and distributors' stocks, beginning of season, United States, 1979-81

Commodity	Season beginning—	Canners' stocks <sup>1</sup>			Distributors' stocks <sup>2</sup>		
		1979	1980	1981	1979	1980	1981
		<i>1,000 cases</i> <sup>3</sup>	<i>1,000 cases</i> <sup>3</sup>	<i>1,000 cases</i> <sup>3</sup>	<i>1,000 cases</i> <sup>3</sup>	<i>1,000 cases</i> <sup>3</sup>	<i>1,000 cases</i> <sup>3</sup>
<b>Canned fruits:</b>							
Apples.....	Aug. 1.....	632	985	1,060	257	237	( <sup>4</sup> )
Applesauce.....	Aug. 1.....	3,660	5,533	5,274	1,579	1,581	( <sup>4</sup> )
Apricots.....	June 1.....	419	1,056	1,527	319	351	( <sup>4</sup> )
Cherries, red pitted.....	July 1.....	21	126	114	106	118	( <sup>4</sup> )
Cherries, sweet.....	June 1.....	176	347	309	104	113	( <sup>4</sup> )
Grapefruit sections.....	Oct. 1.....	202	288	( <sup>5</sup> )	148	173	( <sup>4</sup> )
Peaches.....	June 1.....	4,772	6,951	9,359	2,621	2,789	( <sup>4</sup> )
Pears.....	June 1.....	3,758	5,268	6,516	1,358	1,206	( <sup>4</sup> )
Pineapple.....	June 1.....	12,669	13,296	12,281	1,951	1,867	( <sup>4</sup> )
Purple plums.....	June 1.....	350	217	634	159	107	( <sup>4</sup> )
Fruit cocktail.....	June 1.....	3,381	6,123	9,700	1,698	1,699	( <sup>4</sup> )
<b>Canned juices:</b>							
Grapefruit.....	Oct. 1.....	1,858	2,338	( <sup>5</sup> )	1,790	1,749	( <sup>4</sup> )
Orange.....	Oct. 1.....	1,788	1,868	( <sup>5</sup> )	1,452	1,681	( <sup>4</sup> )
Blended orange and grapefruit.....	Oct. 1.....	124	221	( <sup>5</sup> )	204	222	( <sup>4</sup> )
Pineapple.....	June 1.....	2,843	3,988	5,465	525	573	( <sup>4</sup> )

See footnotes on page 237.

Table 347.—Fruits: Total and per capita civilian consumption, United States, 1965–81<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
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1965	15,583	81.4	3,134	16.3	5,580	29.2	6,869	35.9
1966	15,825	81.8	3,100	16.0	5,653	29.2	7,072	36.6
1967	16,012	82.0	3,169	16.2	6,211	31.8	6,632	34.0
1968	15,493	78.6	3,092	15.7	5,205	26.4	7,196	36.5
1969	15,835	79.5	2,966	14.9	5,652	28.4	7,217	36.2
1970	16,422	81.4	3,690	18.3	5,817	28.8	6,915	34.3
1971	16,534	80.7	3,299	16.1	5,984	29.2	7,251	35.4
1972	15,995	77.0	3,596	17.4	5,693	27.4	6,706	32.2
1973	15,984	76.3	3,052	14.7	5,741	27.4	7,191	34.2
1974	16,651	78.7	3,384	16.0	5,805	27.4	7,462	35.3
1975	17,843	83.5	3,787	17.7	6,285	29.4	7,771	36.4
1976	18,470	85.5	4,037	18.7	6,264	29.0	8,169	37.8
1977	17,901	82.0	3,703	17.0	5,723	26.2	8,475	38.8
1978	17,986	81.5	3,483	15.8	5,854	26.5	8,649	39.2
1979	18,579	83.3	3,779	17.0	5,466	24.5	9,334	41.8
1980	19,989	88.6	4,039	17.9	6,513	28.9	9,437	41.8
1981 <sup>4</sup>	20,502	90.0	4,741	20.8	5,763	25.3	9,998	43.9

  

	Canned fruits <sup>5</sup>		Canned juices <sup>6</sup>		Dried fruits <sup>7</sup>		Frozen fruit and juices <sup>8</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1965	4,559	23.7	2,416	12.6	572	3.0	1,662	8.7
1966	4,516	23.3	2,886	14.8	585	3.0	1,594	8.3
1967	4,497	23.0	3,122	15.9	544	2.8	2,009	10.3
1968	4,397	22.3	3,136	15.9	558	2.8	2,022	10.3
1969	4,901	24.6	3,727	18.7	527	2.6	1,914	9.6
1970	4,777	23.7	3,872	19.2	551	2.7	2,000	9.9
1971	4,549	22.1	4,057	19.8	538	2.6	2,318	11.3
1972	4,475	21.6	3,945	19.0	419	2.0	2,569	12.4
1973	4,510	21.5	4,236	20.2	536	2.5	2,531	12.1
1974	4,148	19.6	3,844	18.1	511	2.4	2,545	12.0
1975	4,106	19.3	4,319	20.2	633	2.9	3,010	14.1
1976	4,081	18.9	4,440	20.5	560	2.6	2,935	13.6
1977	4,193	19.2	4,207	19.3	552	2.5	3,068	14.0
1978	4,001	18.1	4,964	22.6	460	2.1	2,769	12.6
1979	4,011	18.0	4,985	22.4	572	2.6	2,808	12.6
1980	3,973	17.6	5,079	23.6	540	2.4	2,926	13.0
1981 <sup>4</sup>	3,772	16.6	5,300	23.2	602	2.6	2,905	12.8

<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, pineapple, papayas beginning 1960, plums and prunes, strawberries, bushberries beginning 1970, and miscellaneous fruit beginning 1970. <sup>4</sup>Preliminary. <sup>5</sup>Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, canned and chilled citrus sections, olives (including brined), pineapple, plums, prunes, peaches (including spiced), and pears. Figs excluded after 1972. Peaches excluded after 1980. <sup>6</sup>Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune juices, and fruit nectars. Includes canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices. Includes chilled orange and grapefruit juice. <sup>7</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>8</sup>Primarily cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

Economic Research Service.

#### FOOTNOTES FOR TABLE 343

<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>Includes pack in Midwest. <sup>9</sup>Included with miscellaneous fruits and berries. Data for 1981 includes cantaloups, cranapple, cranberries, gooseberries, mixed fruit, Montmorency cherries, marionberries, and elderberries. <sup>10</sup>Calendar year estimate. (See table 289 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.) <sup>11</sup>Florida only. Data for 1981 includes purees of apple, apricot, banana, cherry, black and red raspberry, boysenberry, loganberry, grape, melons, nectarine, peach, plum and strawberry.

Economic Research Service. Data from American Frozen Food Institute and Florida Citrus Processor Association.

Table 348.—Tree nuts (shelled basis): Supply and utilization, United States, 1965-81<sup>1</sup>

Crop year	United States production <sup>2</sup>	Imports <sup>3</sup>	Beginning stocks	Total supply	Exports <sup>3</sup>	Ending stocks	Civilian disappearance	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1965	245,990	121,090	101,320	468,400	36,770	86,250	345,380	1.79
1966	243,180	119,180	86,250	448,610	36,070	76,460	336,080	1.73
1967	238,090	139,150	76,460	453,700	41,100	70,150	342,450	1.74
1968	238,540	158,300	70,150	466,990	36,650	71,290	359,050	1.81
1969	304,150	135,480	71,290	510,920	82,520	86,280	342,120	1.71
1970	295,940	148,900	86,280	531,120	96,370	76,700	358,050	1.76
1971	363,610	151,700	76,700	592,010	125,420	80,830	385,760	1.88
1972	310,260	178,770	80,830	569,860	108,750	55,690	405,420	1.94
1973	398,490	152,410	55,690	606,590	119,120	127,220	360,250	1.71
1974	392,530	116,215	127,220	635,965	151,440	153,780	330,745	1.55
1975	425,360	166,100	153,780	745,240	196,680	137,010	411,250	1.91
1976	449,950	161,810	137,010	748,770	223,500	114,670	410,600	1.89
1977	546,650	106,360	114,670	767,680	240,160	153,640	373,880	1.70
1978	395,660	130,350	153,640	679,650	178,990	123,210	377,450	1.70
1979	610,320	117,980	123,210	851,470	295,480	166,530	389,460	1.73
1980	550,130	100,310	166,530	816,970	264,720	159,200	393,050	1.73
1981 <sup>4</sup>	709,970	92,280	159,180	961,430	273,910	262,770	424,750	1.85

<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; not reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

<sup>3</sup>Foreign trade data on a crop-year basis, beginning July 1 or Aug. 1 of year indicated.

<sup>4</sup>Preliminary.

Economic Reporting Service.

Table 349.—Tree nuts: Commercial production in specified countries, 1979-81

Commodity and country	1979	1980	1981 <sup>1</sup>	Commodity and country	1979	1980	1981 <sup>1</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
Almonds (shelled basis):				Filberts (in the shell)—Con.			
Italy	7.0	20.0	25.0	Spain	30.9	24.4	22.0
Morocco	2.5	2.5	4.5	Turkey	290.0	240.0	320.0
Portugal	2.1	5.0	4.0	Total	400.9	364.4	422.0
Spain	32.0	45.0	80.0				
Total	43.6	72.5	113.5	Walnuts (in the shell):			
Brazil nuts (in the shell):				France	20.3	21.0	9.2
Brazil	55.0	40.0	36.0	India	15.0	18.0	18.0
Filberts (in the shell):				Italy	16.0	14.0	12.0
Italy	80.0	100.0	80.0	Turkey	95.0	70.0	80.0
				Total	146.3	123.0	119.2

<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 Counselors, Attachés and Foreign Service Officers, results of office research, and related information.

FOOTNOTES FOR TABLE 346

<sup>1</sup>Canners' stocks for citrus products are Florida only.

<sup>2</sup>Distributors' stocks are as of the beginning of the season for all items except that apples and applesauce are as of August 1 and citrus products as of November 1.

<sup>3</sup>Actual cases.

<sup>4</sup>Estimates discontinued.

<sup>5</sup>Not available.

Economic Research Service. Compiled from various canners' associations and the U.S. Department of Commerce.

**Table 350.—Almonds (shelled basis): Production average price per pound, and season value, California, 1965–81**

Year	Production	Price	Value	Year	Production	Price	Value
	<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Million pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965.....	79.6	56.5	44,979	1974.....	230.0	74.0	170,100
1966.....	95.4	54.4	51,911	1975.....	186.0	63.7	118,400
1967.....	82.8	53.8	44,581	1976.....	284.0	64.8	184,032
1968.....	80.4	55.3	44,477	1977.....	313.0	84.5	264,485
1969.....	132.0	56.0	73,932	1978.....	181.0	145.0	262,450
1970.....	149.0	53.8	80,104	1979.....	376.0	153.0	575,280
1971.....	162.0	53.8	87,100	1980.....	322.0	147.0	473,340
1972.....	151.0	65.0	98,125	1981 <sup>1</sup>	407.0	71.0	288,970
1973.....	155.0	128.8	199,660				

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

**Table 351.—Almonds (shelled basis <sup>1</sup>): Foreign trade, United States, 1965–80**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	<i>1,000 metric tons</i>	<i>Metric tons</i>		<i>1,000 metric tons</i>	<i>Metric tons</i>		<i>1,000 metric tons</i>	<i>Metric tons</i>
1965.....	187	10	1971.....	63	37	1977.....	88	62
1966.....	161	9	1972.....	91	25	1978.....	200	43
1967.....	191	9	1973.....	41	35	1979.....	63	87
1968.....	430	9	1974.....	58	47	1980.....	23	75
1969.....	136	22	1975.....	220	50			
1970.....	85	26	1976.....	604	61			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.0 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.0 to 1.  
Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 352.—Filberts (in the shell): Production, season average price per ton, and value, United States, 1965–81**

Year	Oregon			Washington			Oregon and Washington		
	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value
	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965.....	7,300	450	3,285	440	452	199	7,740	450	3,484
1966.....	11,700	390	4,563	520	417	217	12,220	391	4,780
1967.....	7,000	492	3,444	540	497	268	7,540	492	3,712
1968.....	7,000	518	3,626	600	520	312	7,600	518	3,928
1969.....	7,100	550	3,905	300	555	167	7,400	550	4,072
1970.....	8,750	570	4,988	510	571	291	9,260	570	5,279
1971.....	11,000	414	4,554	370	416	154	11,370	414	4,708
1972.....	9,600	508	4,877	550	509	280	10,150	508	5,175
1973.....	11,700	570	6,669	550	635	349	12,250	573	7,018
1974.....	6,400	560	3,584	300	565	170	6,700	560	3,754
1975.....	11,800	610	7,198	320	595	190	12,120	610	7,388
1976.....	6,950	640	4,448	220	635	140	7,170	640	4,588
1977.....	11,400	687	7,832	350	674	236	11,750	687	8,068
1978.....	13,700	805	11,029	350	835	292	14,050	806	11,321
1979.....	12,700	951	12,078	300	970	291	13,000	951	12,369
1980.....	15,100	1,151	17,386	300	1,181	354	15,400	1,152	17,740
1981 <sup>2</sup>	14,400	786	11,319	300	770	231	14,700	786	11,550

<sup>1</sup> Production is the quantity sold or utilized. Excludes unharvested production for Oregon as follows: 500 tons in 1974.  
<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 353.—Filberts (shelled basis<sup>1</sup>): Foreign trade, United States, 1965-80**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	1,000 metric tons	Metric tons		1,000 metric tons	Metric tons		1,000 metric tons	Metric tons
1965	2,156	317	1971	1,945	269	1977	3,443	993
1966	2,125	344	1972	3,744	325	1978	4,027	1,496
1967	3,054	267	1973	5,932	349	1979	2,118	3,025
1968	3,781	138	1974	1,830	303	1980	1,728	2,137
1969	2,016	268	1975	3,854	419			
1970	3,220	206	1976	5,830	604			

<sup>1</sup>Imports of unshelled nuts converted to shelled basis at ratio of 2.22 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 354.—Macadamia nuts (in-the-shell): Area, yield, production, price, and value, Hawaii, 1965-81**

Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value	Year	Area harvested	Yield per harvested acre <sup>1</sup>	Production <sup>2</sup>	Price per pound	Value
	Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars		Acres	1,000 pounds	1,000 pounds	Cents	1,000 dollars
1965	2,780	3.1	8,538	19.4	1,656	1974	5,760	2.8	16,370	32.0	5,238
1966	2,950	3.0	8,726	21.0	1,832	1975	6,080	3.0	18,210	31.6	5,754
1967	3,340	2.4	7,972	24.6	1,961	1976	6,300	3.0	18,990	36.9	7,007
1968	3,680	2.8	10,444	22.8	2,381	1977	6,300	3.1	19,680	40.8	8,029
1969	4,030	2.5	10,057	24.6	2,474	1978	9,200	2.3	20,980	53.8	11,287
1970	4,115	3.2	13,216	21.7	2,868	1979	9,600	2.8	26,660	62.9	16,769
1971	4,900	2.9	14,448	24.7	3,569	1980	10,000	3.3	33,390	72.4	24,174
1972	5,000	2.6	13,110	23.3	3,055	1981 <sup>3</sup>	10,000	3.3	33,360	79.3	26,454
1973	5,080	2.4	12,124	25.5	3,092						

<sup>1</sup>Derived from total production.

<sup>2</sup>Additional quantities of nuts not harvested for economic reasons and excess cullage of harvested nuts are as follows (1,000 pounds): 150 in 1966.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

**Table 355.—Pecans (in the shell): Production, season average price per pound, and value, United States, 1965-81**

Year	Improved varieties			Native and seedling			All pecans		
	Production	Price	Value	Production	Price	Value	Production	Price	Value
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars
1965	123,050	20.3	24,958	128,050	15.6	19,993	251,100	17.9	44,951
1966	83,960	31.6	26,538	77,640	26.0	20,214	161,600	28.9	46,752
1967	104,200	37.7	39,239	127,700	30.4	38,787	231,900	33.6	78,026
1968	94,730	42.2	40,011	97,770	32.8	32,082	192,500	37.5	72,093
1969	135,700	31.8	43,114	90,400	27.0	24,365	226,100	29.8	67,479
1970	81,720	42.1	34,403	73,380	35.6	26,125	155,100	39.0	60,528
1971	142,300	35.4	50,369	103,900	29.8	30,917	246,200	33.0	81,286
1972	88,990	46.1	41,028	94,110	38.9	36,608	183,100	42.4	77,636
1973	145,200	42.6	61,793	130,500	30.3	39,494	275,700	36.7	101,287
1974	86,800	52.5	45,542	50,300	38.2	19,199	137,100	47.2	64,741
1975	110,100	46.5	51,164	136,700	34.4	47,036	246,800	39.8	98,200
1976	77,300	87.5	67,603	25,800	63.5	16,380	103,100	81.5	83,983
1977	137,900	66.0	91,015	98,700	46.0	45,444	236,600	57.7	136,459
1978	164,500	64.5	106,170	85,400	52.8	45,080	249,900	60.5	151,250
1979	101,100	70.0	70,742	109,500	41.9	45,921	210,600	55.4	116,663
1980	128,500	84.8	109,015	55,000	62.3	34,254	183,500	78.1	143,269
1981 <sup>1</sup>	174,550	64.7	112,987	164,550	43.7	71,855	339,100	54.5	184,842

<sup>1</sup>Preliminary.

Statistical Reporting Service.

**Table 356.—Pecans (in the shell): Production and season average price per pound, by States, 1979-81**

Item and State	Production			Price for crop of—		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
<b>IMPROVED VARIETIES</b>						
Ala.....	2,800	10,400	21,000	66.0	80.9	64.0
Ark.....	400	200	1,250	68.0	101.0	58.7
Fla.....	1,100	2,500	2,000	70.0	75.0	67.0
Ga.....	54,000	84,000	96,000	70.0	83.0	59.0
La.....	2,500	2,000	4,500	70.0	90.0	65.0
Miss.....	1,500	3,500	5,500	76.0	90.0	60.0
N. Mex.....	14,700	14,700	20,000	69.0	88.0	86.0
N.C.....	900	1,100	2,000	65.0	85.0	60.0
Okla.....	1,000	500	2,500	81.0	115.0	66.5
S.C.....	1,200	1,600	4,800	77.0	88.0	62.4
Tex.....	21,000	8,000	15,000	70.0	100.0	77.0
U.S.....	101,100	128,500	174,550	70.0	84.8	64.7
<b>NATIVE AND SEEDLING</b>						
Ala.....	1,200	9,600	13,000	43.0	64.4	46.0
Ark.....	1,100	700	4,250	44.0	75.7	44.5
Fla.....	1,500	3,500	3,000	50.0	60.0	45.0
Ga.....	11,000	21,000	24,000	45.0	60.0	43.0
La.....	13,500	12,000	19,500	37.0	63.0	39.0
Miss.....	1,000	1,000	3,000	50.0	65.0	45.0
N.C.....	400	600	2,200	45.0	65.0	45.0
Okla.....	9,000	3,000	44,500	41.0	68.0	44.5
S.C.....	800	600	4,100	57.0	62.0	46.0
Tex.....	70,000	3,000	47,000	42.0	61.0	44.0
U.S.....	109,500	55,000	164,550	41.9	62.3	43.7
<b>ALL PECANS</b>						
Ala.....	4,000	20,000	34,000	59.1	73.0	57.1
Ark.....	1,500	900	5,500	50.4	81.3	47.7
Fla.....	2,600	6,000	5,000	58.5	66.3	53.8
Ga.....	65,000	105,000	120,000	65.8	78.4	55.8
La.....	16,000	14,000	24,000	42.2	66.9	43.9
Miss.....	2,500	4,500	8,500	65.6	84.4	54.7
N. Mex.....	14,700	14,700	20,000	69.0	88.0	86.0
N.C.....	1,300	1,700	4,200	58.8	77.9	52.1
Okla.....	10,000	3,500	47,000	45.0	74.7	45.7
S.C.....	2,000	2,200	8,900	69.0	80.9	54.8
Tex.....	91,000	11,000	62,000	48.5	89.4	52.0
U.S.....	210,600	183,500	339,100	55.4	78.1	54.5

<sup>1</sup>Preliminary.  
Statistical Reporting Service.

**Table 357.—Pecans (shelled basis<sup>1</sup>): Foreign trade, United States, 1965-80**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	Metric tons		Metric tons	Metric tons		Metric tons	Metric tons
1965.....	83	1,211	1971.....	147	919	1977.....	218	1,637
1966.....	190	806	1972.....	15	1,039	1978.....	564	1,540
1967.....	112	863	1973.....	60	1,171	1979.....	272	1,539
1968.....	340	835	1974.....	2	1,536	1980.....	693	2,021
1969.....	118	884	1975.....	1,103	1,660			
1970.....	564	780	1976.....	1,417	1,065			

<sup>1</sup>Imports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



**Table 358.—Walnuts, (English), (in the shell): Production, season average price per ton, and value, United States, 1965-81**

Year	California			Oregon			California and Oregon		
	Production	Price	Value	Production <sup>1</sup>	Price	Value	Production <sup>1</sup>	Price	Value
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars
1965.....	79,000	432	34,128	1,300	420	546	80,300	432	34,674
1966.....	92,000	460	42,320	4,000	400	1,600	96,000	458	43,920
1967.....	74,000	560	41,440	2,400	500	1,200	76,400	558	42,640
1968.....	92,000	650	59,800	3,600	540	1,944	95,600	646	61,744
1969.....	103,000	420	43,260	2,500	364	910	105,500	419	44,170
1970.....	108,000	407	43,956	3,800	360	1,368	111,800	405	45,324
1971.....	135,000	420	56,700	1,400	290	406	136,400	419	57,106
1972.....	116,000	564	65,424	800	538	430	116,800	564	65,854
1973.....	174,000	605	105,270	1,000	550	550	175,000	605	105,820
1974.....	155,000	419	64,945	1,500	380	570	156,500	419	65,515
1975.....	198,000	456	90,288	1,300	390	507	199,300	456	90,795
1976.....	183,000	627	114,741	700	605	424	183,700	627	115,165
1977.....	192,000	725	139,200	500	710	355	192,500	725	139,555
1978.....	160,000	1,302	208,320	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )			
1979.....	208,000	847	176,176						
1980.....	197,000	936	184,392						
1981 <sup>2</sup> .....	225,000	997	224,325						

<sup>1</sup> Additional quantities not harvested are as follows (tons): 1975—Oregon, 200.<sup>2</sup> Preliminary.<sup>3</sup> Estimates discontinued after 1977 crop.

Statistical Reporting Service.

**Table 359.—Walnuts (shelled basis<sup>1</sup>): Foreign trade, United States, 1965-80**

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
1965.....	609	1,860	1971.....	305	7,022	1977.....	66	7,676
1966.....	1,194	1,909	1972.....	586	6,236	1978.....	533	11,832
1967.....	1,972	1,067	1973.....	72	10,849	1979.....	98	17,102
1968.....	1,402	1,201	1974.....	15	12,095	1980.....	3	20,068
1969.....	105	2,609	1975.....	54	19,838			
1970.....	224	3,879	1976.....	24	17,371			

<sup>1</sup> Imports of unshelled nuts converted to shelled basis at ratio of 2.86 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.38 to 1. Beginning 1978, imports of shelled nuts converted to shelled basis at ratio of 2.38 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.78 to 1.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 369

<sup>1</sup> Blooms for standard carnations, standard chrysanthemums, and roses; bunches for miniature carnations and pompon chrysanthemums; dozen spikes for gladioli; and pots for potted chrysanthemums. <sup>2</sup> Equivalent wholesale value of all sales. <sup>3</sup> Prior to 1968, separate data by type not available. <sup>4</sup> Beginning 1971, unit changed to 1,000 spikes sold.

Statistical Reporting Service.

Table 360.—Cacao beans: United States imports by country of origin, 1979-81

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Africa:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Costa Rica.....	2,631	651	720	Cameroon.....	2,252	6,632	6,632
Dominican Republic.....	25,849	22,586	26,598	Ghana.....	16,989	13,665	14,899
Haiti.....	1,797	1,454	1,592	Ivory Coast.....	42,769	47,137	107,136
Mexico.....	1,116	741	.....	Liberia.....	1,001	1,448	1,067
Trinidad and Tobago.....	1,320	630	1,541	Nigeria.....	18,797	20,085	17,441
Other countries.....	2,935	1,181	855	Other countries.....	1,502	.....	4,399
Total.....	35,648	27,243	31,306	Total.....	81,058	84,587	151,574
South America:				Asia and Oceania <sup>2</sup> .....	9,756	6,568	15,902
Brazil.....	31,396	21,546	35,991	Europe.....	457	1,414	1,948
Ecuador.....	7,033	7,454	10,542	Grand total.....	167,881	150,869	248,896
Venezuela.....	729	1,360	1,038				
Other countries.....	1,804	697	595				
Total.....	40,982	31,057	48,166				

<sup>1</sup> Preliminary.<sup>2</sup> Primarily Papua New Guinea and Malaysia.

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

Table 361.—Cacao beans: Export from principal producing countries, 1979-81

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Africa—Con.	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Costa Rica.....	5,826	4,235	2,165	Gabon.....	3,749	3,582	3,660
Dominican Republic.....	27,638	25,605	23,418	Ghana.....	207,043	199,961	218,560
Grenada.....	2,716	2,448	2,200	Ivory Coast.....	244,011	170,843	305,284
Jamaica.....	1,243	1,353	1,325	Liberia.....	4,043	3,446	3,720
Mexico.....	3,640	2,064	2,120	Madagascar.....	1,208	1,834	1,790
Trinidad and Tobago.....	3,228	2,672	2,149	Nigeria.....	185,863	113,032	133,861
Other countries.....	7,014	5,223	4,067	Sao Tome and Principe.....	6,057	8,183	7,635
Total.....	51,305	43,600	37,444	Sierra Leone.....	3,716	9,639	9,500
South America:				Tanzania.....	600	600	600
Brazil.....	134,074	156,932	123,580	Togo.....	22,784	10,098	12,060
Ecuador.....	16,247	13,238	14,104	Uganda.....	100	100	100
Peru.....	2,178	1,496	696	Zaire.....	4,305	3,500	2,805
Surinam.....	30	25	25	Total.....	754,724	597,830	795,053
Venezuela.....	6,410	6,800	7,133	Asia and Oceania:			
Total.....	158,939	178,491	145,538	Indonesia.....	2,249	3,645	4,680
Africa:				Malaysia.....	17,571	24,239	30,336
Angola.....	200	200	200	Papua New Guinea.....	27,129	28,084	28,792
Benin.....	1,852	4,330	5,350	Sri Lanka.....	1,040	600	916
Cameroon.....	61,613	61,062	80,508	Vanuatu.....	1,096	554	600
Comoros.....	20	20	20	Western Samoa.....	1,042	1,200	1,200
Congo.....	2,560	2,400	2,400	Total.....	50,127	58,322	66,524
Equatorial Guinea.....	5,000	5,000	5,000	Grand total.....	1,015,095	878,243	1,042,559

<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 362.—Coffee: Area, yield, production, price, and value, Hawaii, 1965-66 to 1981-82**

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value	Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965-66 .....	3,800	2.0	7,500	0.315	2,362	1974-75 .....	2,500	0.6	1,540	0.464	714
1966-67 .....	3,700	2.2	8,040	.256	2,058	1975-76 .....	2,000	.9	1,860	.752	1,399
1967-68 .....	3,500	1.6	5,440	.271	1,474	1976-77 .....	2,000	1.1	2,120	1.85	3,922
1968-69 .....	3,200	1.8	5,700	.258	1,471	1977-78 .....	2,000	1.1	2,270	1.38	3,133
1969-70 .....	2,900	1.4	4,130	.355	1,466	1978-79 .....	1,900	.9	1,680	1.26	2,117
1970-71 .....	2,700	1.6	4,300	.337	1,449	1979-80 .....	1,800	1.2	2,190	1.43	3,132
1971-72 .....	2,400	1.2	2,930	.346	1,014	1980-81 .....	1,700	.9	1,440	1.60	2,304
1972-73 .....	2,400	1.5	3,640	.504	1,835	1981-82 <sup>1</sup> .....	1,700	1.3	2,240	2.00	4,480
1973-74 .....	2,500	1.2	3,040	.563	1,711						

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 363.—Coffee: United States imports by country of origin, 1979-81<sup>1</sup>**

Continent and country	1979	1980	1981 <sup>2</sup>	Continent and country	1979	1980	1981 <sup>2</sup>
	<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>		<i>1,000 bags</i>	<i>1,000 bags</i>	<i>1,000 bags</i>
<b>North America:</b>				<b>Africa—Con.</b>			
Costa Rica .....	516	298	226	Cameroon .....	183	199	230
Dominican Republic .....	548	343	359	Ethiopia .....	549	406	547
El Salvador .....	1,123	1,374	779	Ivory Coast .....	834	438	602
Guatemala .....	1,268	926	645	Kenya .....	58	59	183
Mexico .....	1,984	1,337	1,393	Madagascar .....	261	305	346
Nicaragua .....	194	137	127	Rwanda .....	167	287	268
Other countries .....	615	431	459	Uganda .....	361	631	863
<b>Total .....</b>	<b>6,198</b>	<b>4,846</b>	<b>3,988</b>	Zaire .....	84	151	228
				Other countries .....	393	310	139
<b>South America:</b>				<b>Total .....</b>	<b>3,085</b>	<b>2,969</b>	<b>3,513</b>
Brazil .....	1,890	3,505	3,243	<b>Asia and Oceania:</b>			
Colombia .....	3,891	3,404	1,727	India .....	298	223	471
Ecuador .....	638	539	701	Indonesia .....	1,294	1,314	1,516
Peru .....	954	565	573	Other countries .....	208	280	424
Other countries .....	911	241	209	<b>Total .....</b>	<b>1,800</b>	<b>1,817</b>	<b>2,411</b>
<b>Total .....</b>	<b>8,284</b>	<b>8,254</b>	<b>6,453</b>	Other countries .....	29	267	190
<b>Africa:</b>				<b>Grand total .....</b>	<b>19,396</b>	<b>18,153</b>	<b>16,555</b>
Burundi .....	195	183	207				

<sup>1</sup> Green coffee only; does not include roasted or soluble.<sup>2</sup> Preliminary.

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

## FOOTNOTES FOR TABLE 368

<sup>1</sup> Less than 500 kilograms.

Foreign Agricultural Service and U.S. Department of Commerce.

Table 364.—Coffee: Exports from principal producing countries, 1978-80<sup>1</sup>

Continent and country of origin	1978	1979	1980 <sup>2</sup>	Continent and country of origin	1978	1979	1980 <sup>2</sup>
North America:	1,000 bags	1,000 bags	1,000 bags	Africa—Con.	1,000 bags	1,000 bags	1,000 bags
Costa Rica.....	1,414	1,623	1,196	Cameroon.....	1,378	1,636	1,548
Dominican Republic.....	420	666	332	Central African Republic.....	153	136	200
El Salvador.....	2,347	3,470	2,446	Ethiopia.....	1,121	1,451	1,450
Guatemala.....	2,186	2,564	2,139	Guinea.....	11	37	55
Haiti.....	272	362	900	Ivory Coast.....	4,091	4,334	3,339
Honduras.....	951	1,101	951	Kenya.....	1,423	1,287	1,300
Mexico.....	1,970	2,917	2,009	Madagascar.....	919	1,051	963
Nicaragua.....	917	923	781	Tanzania.....	813	755	775
Total.....	10,477	13,626	10,754	Togo.....	138	165	157
South America:				Uganda.....	1,895	2,347	2,050
Brazil.....	10,355	9,370	13,074	Zaire.....	1,364	1,047	1,068
Colombia.....	8,913	10,944	11,102	Total.....	14,603	15,209	13,622
Ecuador.....	1,638	1,395	766	Asia and Oceania:			
Peru.....	892	1,157	737	India.....	1,070	1,028	1,167
Venezuela.....	236	131	40	Indonesia.....	3,598	3,670	3,982
Total.....	22,034	22,997	25,719	Papua New Guinea.....	769	804	795
Africa:				Total.....	5,437	5,502	5,944
Angola.....	1,297	963	717	Grand total.....	52,551	57,334	56,039

<sup>1</sup>Mostly green coffee, some countries include roasted.<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 Attaches and Foreign Service Officers, results of office research, and related information.

Table 365.—Tea: United States imports by country of origin, 1979-81

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
North America:	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	Asia and Oceania—Con.	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Canada.....	2,435	2,579	1,736	India.....	5,886	4,159	4,724
Other countries.....	0	0	84	Indonesia.....	11,205	13,913	14,676
Total.....	2,435	2,579	1,820	Japan.....	2,904	2,528	2,486
South America:				Papua-New Guinea.....	282	200	56
Argentina.....	7,009	10,345	10,011	Soviet Union.....	431	425	457
Brazil.....	3,534	2,806	3,537	Sri Lanka.....	14,655	12,216	12,991
Ecuador.....	1,376	1,161	611	Taiwan.....	2,265	3,103	4,231
Other countries.....	9	5	53	Other countries.....	47	179	319
Total.....	11,928	14,317	14,212	Total.....	44,469	45,058	47,374
Europe:				Africa:			
Germany, Fed. Rep. of.....	104	205	289	Kenya.....	9,438	6,762	5,498
Netherlands.....	4,729	5,936	7,668	Malawi.....	2,476	2,147	2,356
United Kingdom.....	370	482	908	Mozambique.....	2,368	5,023	4,213
Other countries.....	8	12	181	Rwanda.....	245	348	472
Total.....	5,211	6,635	9,046	South Africa.....	208	224	209
Asia and Oceania:				Tanzania.....	445	613	995
China.....	6,461	7,962	7,143	Other countries.....	16	113	104
Hong Kong.....	333	373	291	Total.....	15,196	15,230	13,847
				Grand total.....	79,239	83,819	86,299

<sup>1</sup>Preliminary.

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

Table 366.—Tea: Exports from principal producing countries, 1978-80

Continent and country	1978	1979	1980 <sup>1</sup>	Continent and country	1978	1979	1980 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
South America:				Asia and Oceania:			
Argentina.....	30,959	29,627	32,700	Bangladesh.....	30,852	31,857	30,984
Brazil.....	7,773	7,278	7,888	China.....	86,857	106,830	106,000
Ecuador.....	1,636	1,500	1,800	India.....	176,051	199,639	224,490
Total.....	40,368	38,405	42,388	Indonesia.....	56,152	53,582	74,105
Africa:				Iran <sup>2</sup> .....	600	1,000	1,000
Burundi.....	1,258	1,200	1,200	Japan.....	3,406	3,084	2,698
Kenya.....	84,976	94,023	74,799	Malaysia.....	621	553	600
Malawi.....	30,583	30,995	31,347	Papua New Guinea.....	6,978	6,978	7,914
Mauritius.....	4,417	3,899	3,358	Sri Lanka.....	192,553	187,545	184,696
Mozambique.....	16,700	18,244	18,000	Taiwan.....	20,434	19,266	18,225
Rwanda.....	5,115	4,794	5,000	Turkey.....	2,160	5,705	5,243
Tanzania.....	14,978	15,024	13,290	Total.....	576,664	616,039	655,955
Uganda.....	8,663	1,417	526	Grand total.....	795,102	834,581	855,563
Zaire.....	3,774	2,710	3,500				
Zimbabwe.....	7,606	7,831	6,200				
Total.....	178,070	180,137	157,220				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending March 21.

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 367.—Mushrooms: Area, production, price, and value, United States, 1966-80

Year beginning July <sup>1</sup>	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	<i>1,000 sq. ft.</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1966.....	80,595	164,915	35.2	58,025	19,520	38,505
1967.....	83,389	180,591	34.1	61,653	21,384	40,269
1968.....	84,728	188,807	35.9	67,856	25,845	42,011
1969.....	82,350	193,879	37.5	72,705	28,004	44,701
1970.....	87,490	206,810	43.3	89,620	31,688	57,932
1971.....	93,798	231,373	46.2	106,882	38,386	68,496
1972.....	102,315	254,002	43.3	109,975	42,596	67,379
1973.....	107,584	279,493	44.1	123,354	58,407	64,947
1974.....	110,921	299,081	49.2	147,242	76,552	70,690
1975.....	114,711	309,816	61.7	191,098	102,234	88,864
1976.....	117,692	347,129	73.7	255,678	124,613	131,065
1977.....	135,101	398,703	77.1	307,588	172,159	135,429
1978.....	146,738	454,007	79.7	361,800	217,770	144,030
1979.....	150,758	470,069	78.4	368,597	225,846	214,223
1980.....	140,346	470,553	74.5	350,738	267,108	203,445

Statistical Reporting Service.

Table 368.—Mushrooms, canned: United States imports by country of origin, 1972-81

Country	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Belgium-Luxembourg.....	139	7		1	8	( <sup>1</sup> )		2		
Canada.....	71	100	132	117	233	281	30	29	38	8
China.....	57	91	92	27	50	19	8	119	6,723	12,407
Taiwan.....	16,513	14,049	13,626	15,892	18,246	22,203	22,331	20,528	24,371	9,316
Costa Rica.....	179	233	364	68	41	128	583	330		
Dominican Rep.....	13	207	408	312	147	65	225	258	317	22
Ecuador.....	209	282	153	207						
France.....	876	420	236	155	336	165	194	89	93	70
Hong Kong.....	165	82	99	117	110	1,586	4,369	6,593	8,879	10,650
Japan.....	560	499	581	775	774	485	406	240	206	167
Korea, Rep. of.....	4,511	6,354	3,525	6,348	10,492	8,512	11,643	12,946	8,803	4,261
Macao.....								335	902	1,040
Mexico.....	213	105	57	2		24				
Spain.....	4	7					88	237	46	78
Other.....	128	168	62	133	110	100	174	193	94	61
Total.....	23,638	22,604	19,335	24,154	30,547	33,568	40,051	41,899	50,472	38,080

See footnotes on page 243.

Table 369.—Flowers: Sales and value, United States, 1966–81

Year	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale <sup>2</sup>	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale <sup>2</sup>
	Standard carnations <sup>3</sup>			Miniature carnations <sup>3</sup>		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1968	570,427	7.6	43,270	1,614	1.01	1,628
1969	613,471	7.4	45,607	2,155	.97	2,089
1970	619,052	7.3	45,152	2,539	1.00	2,534
1971	589,157	7.4	43,742	2,293	1.13	2,602
1972	584,395	8.2	48,096	3,002	1.20	3,602
1973	616,051	7.5	45,964	3,277	1.11	3,642
1974	601,768	7.3	44,015	3,874	1.18	4,577
1975	561,383	7.7	43,212	3,971	1.18	4,701
1976	517,880	8.8	45,573	4,736	1.19	5,625
1977	501,799	8.4	42,328	4,703	1.28	6,007
1978	466,363	9.1	42,594	4,844	1.39	6,729
1979	408,840	11.0	44,784	5,838	1.44	8,425
1980	379,375	11.0	41,880	5,891	1.54	9,044
1981	345,747	11.8	40,936	5,989	1.60	9,605
	Standard chrysanthemums			Pompon chrysanthemums		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966	133,688	17.4	23,320	28,433	0.78	22,158
1967	133,312	18.3	24,416	27,560	.80	22,845
1968	130,869	20.2	26,426	30,497	.84	25,636
1969	136,778	19.6	26,813	32,903	.83	27,195
1970	147,000	18.3	26,925	32,431	.82	26,651
1971	144,706	19.0	27,516	34,455	.85	29,241
1972	137,144	21.2	29,140	33,649	.89	29,793
1973	138,243	21.6	29,813	36,129	.91	32,967
1974	144,042	20.5	29,582	37,864	.82	30,922
1975	135,715	21.6	29,371	35,708	.87	31,093
1976	140,397	20.9	29,326	35,603	.96	34,157
1977	111,738	25.6	28,626	35,936	.99	35,479
1978	124,424	25.7	31,920	37,892	1.03	38,910
1979	107,578	24.8	26,714	34,992	1.06	36,957
1980	93,753	27.6	25,848	34,900	1.08	37,737
1981	86,562	26.2	22,698	36,735	1.09	40,021
	Potted chrysanthemums			Gladioli		
	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966	11,070	1.43	15,875	28,619	66.0	18,860
1967	12,897	1.41	18,176	25,748	69.0	17,753
1968	13,403	1.46	19,595	28,080	75.0	21,115
1969	14,260	1.54	21,938	27,170	79.0	21,343
1970	16,117	1.52	24,525	23,360	80.0	18,725
				<i>1,000 Spikes <sup>4</sup></i>		
1971	17,504	1.53	26,803	284,664	7.0	19,140
1972	19,141	1.60	30,668	273,244	7.4	20,287
1973	20,588	1.66	34,096	234,768	8.3	19,514
1974	21,655	1.79	38,672	223,361	8.4	18,763
1975	21,711	1.95	42,237	188,290	9.1	17,072
1976	26,481	2.07	54,776	181,162	9.5	17,158
1977	28,336	1.95	55,305	165,593	10.0	16,535
1978	27,544	2.17	59,647	148,926	10.9	16,248
1979	27,941	2.25	62,836	149,704	13.2	19,824
1980	29,615	2.41	71,308	146,602	13.2	19,397
1981	29,867	2.56	76,608	136,004	14.6	19,904
	Hybrid Tea roses <sup>3</sup>			Sweetheart roses <sup>3</sup>		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>
1968	309,882	13.0	40,241	98,972	9.1	8,988
1969	317,209	13.7	43,349	110,189	9.5	10,509
1970	308,713	13.6	42,030	130,152	9.2	12,017
1971	308,441	14.1	43,511	120,374	9.3	11,155
1972	309,596	15.3	47,439	122,007	10.0	12,205
1973	297,355	16.4	48,866	120,413	10.8	12,960
1974	319,161	16.8	53,635	123,653	11.5	14,254
1975	306,279	17.7	54,256	112,221	12.3	13,753
1976	307,584	19.1	58,854	114,689	13.7	15,661
1977	301,107	20.6	62,177	118,023	14.1	16,604
1978	306,806	22.5	69,069	112,449	16.0	18,005
1979	327,824	23.9	78,332	116,796	17.1	20,019
1980	313,631	27.1	85,036	112,036	19.9	22,322
1981	312,955	28.8	90,036	108,684	19.9	21,603

See footnotes on page 241.

Table 370.—Selected floriculture crops: Gross wholesale value of sales,<sup>1</sup> 1980 and 1981, in selected States

State	Cut flowers															
	Carnations				Chrysanthemums				Gladioli		Roses				Snapdragons	
	Standard		Miniature		Standard		Pompon		1980	1981	Hybrid Tea		Sweetheart		1980	1981
	1980	1981	1980	1981	1980	1981	1980	1981			1980	1981	1980	1981		
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	
Ala.....																
Ark.....																
Calif.....	28,228	29,151	5,775	6,679	16,097	13,995	23,201	27,284	4,556	3,574	37,008	45,154	6,852	8,205	175	250
Colo.....	11,658	10,513	2,225	1,515							5,288	3,491	1,816	956	34	26
Conn.....			140	122			382	271			( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	25	20
Fla.....			369	834	( <sup>2</sup> )	( <sup>2</sup> )	*7,444	*6,350	11,112	13,150					( <sup>2</sup> )	( <sup>2</sup> )
Ga.....																
Ill.....					264	242	255	273	1,035	714	2,642	2,915	561	728	111	184
Ind.....					575	582	165	150			7,069	6,706	2,254	2,307	154	153
Iowa.....															38	34
Kans.....																
Md.....					254	259									162	116
Mass.....	150	98	167	128	573	642	626	575			2,852	2,645	1,566	1,193	275	281
Mich.....					263	284	468	533	1,263	1,462	3,202	3,670	1,245	1,383	192	208
Minn.....							748	699			1,660	1,963	637	680	43	86
Mo.....					539	469	262	233							25	29
N.J.....					523	453	289	374	1,131	835	935	1,027	( <sup>2</sup> )	( <sup>2</sup> )	205	203
N.Y.....					865	803	996	896			5,848	5,935	1,529	1,451	225	192
N.C.....	665	356			1,473	1,408	355	317	300	169					202	176
Ohio.....	345	281	108	192	2,163	1,811	1,275	993			3,942	4,272	841	912	245	289
Oreg.....											( <sup>2</sup> )	( <sup>2</sup> )				
Pa.....	834	537	260	135	1,609	1,158	923	702			9,025	6,330	3,534	1,893	302	225
Tenn.....					650	592									( <sup>2</sup> )	( <sup>2</sup> )
Tex.....																
Va.....															81	80
Wash.....											811	884	389	453		
Wis.....							348	371							17	17
Unallocated.....											4,754	5,044	1,098	1,442	229	273
Total.....	41,880	40,936	9,044	9,605	25,848	22,698	37,737	40,021	19,397	19,904	85,036	90,036	22,322	21,603	2,740	2,842

See footnotes at end of table.

Table 370.—Selected floriculture crops: Gross wholesale value of sales,<sup>1</sup> 1980 and 1981, in selected States—Continued

States	Flowering pot plants										Bedding and foliage plants					
	Potted chrysanthemums		Potted geraniums		Potted hydrangeas		Potted lilies		Potted poinsettias		Bedding plants <sup>2</sup>				Foliage plants	
											Flowering		Vegetable			
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
	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
Ala.....					187	98	319	269	1,074	995						
Ark.....					113	90	195	193	525	579						
Calif.....	19,612	18,719	2,339	3,019	958	1,003	2,928	3,296	10,781	12,493	26,628	27,935	5,939	6,086	79,043	77,352
Colo.....	907	967	856	1,280	108	83	371	391	1,346	1,378	2,766	3,563	505	956	3,947	3,412
Conn.....	909	1,028	1,031	1,210			397	418	1,439	1,579	2,180	3,025	1,302	1,832		
Fla.....	4,472	4,802			869	829	847	1,108	2,514	3,366	5,247	6,537	2,139	1,764	148,909	162,158
Ga.....			479	561	161	139	156	149	1,407	1,450	1,793	2,077	1,403	1,467	2,056	2,302
Hawaii.....															5,012	6,845
Ill.....	3,021	3,174	2,915	2,622	94	126	1,114	1,177	3,302	4,682	3,871	4,981	1,390	1,640	3,350	3,796
Ind.....	1,236	1,355	1,560	1,902	250	205	338	397	1,640	1,695	1,831	2,434	1,026	1,302		
Iowa.....	1,504	1,645	1,359	1,381	38	43	491	792	1,392	1,718	2,614	2,870	1,549	1,587		
Kans.....					99	97	134	125	1,112	1,086	1,894	2,552	569	868		
Md.....	584	762			( <sup>2</sup> )	( <sup>2</sup> )	293	296	1,234	1,636	2,079	1,908	649	609	2,547	2,293
Mass.....	1,928	1,439	2,924	2,596	82	147	733	955	2,333	2,185	3,041	3,912	1,920	1,614	4,370	4,319
Mich.....	3,978	4,007	4,722	5,344	192	255	1,488	1,674	4,052	4,094	17,648	20,385	5,703	6,185	4,581	4,980
Minn.....	1,280	1,685	1,666	2,255			795	890	1,517	1,775	4,239	5,046	1,813	2,051	2,097	2,389
Mo.....	3,177	3,695	902	998	189	236	975	1,053	1,700	1,992	2,590	3,259	1,346	1,767		
N.J.....	1,465	1,406	1,899	1,912	287	299	668	469	2,631	2,428	3,797	4,059	1,621	1,501	5,304	3,612
N.Y.....	2,868	5,123	5,115	5,927	403	300	1,205	1,331	4,406	4,957	7,674	8,400	3,334	3,949	6,326	5,886
N.C.....	3,499	4,343	933	1,187	335	199	482	578	3,483	3,634	2,861	4,215	1,735	2,298		
Ohio.....	5,068	5,574	6,132	7,002	( <sup>2</sup> )	( <sup>2</sup> )	1,536	1,689	5,786	6,450	13,563	15,252	5,789	6,523	13,178	13,988
Oreg.....			1,648	1,218	( <sup>2</sup> )	( <sup>2</sup> )	423	423	1,089	1,208	2,774	3,498	1,045	1,094	2,007	1,277
Pa.....	4,928	4,337	3,553	3,834	149	188	969	1,256	3,879	5,289	5,217	6,403	1,917	2,350	3,939	5,126
Tenn.....	1,369	1,241			182	156	343	206	1,612	1,595	1,734	1,519	922	1,266		
Tex.....	7,129	8,528	1,647	2,122	1,029	937	1,052	1,159	4,720	6,452	6,461	7,106	3,285	5,180	26,302	29,425
Va.....							349	258			2,199	2,493	1,125	1,175		
Wash.....	1,201	1,285	941	1,153	83	89	476	455	1,555	1,463	2,980	3,366	784	1,051		
Wis.....	1,173	1,493	1,327	1,995	119	75	689	758	1,483	1,760	2,844	3,593	959	1,419		
Unallocated.....					970	922										
Total.....	71,308	76,608	43,948	49,518	6,897	6,516	19,766	21,765	68,012	77,939	130,525	150,388	49,769	57,534	312,968	329,160

<sup>1</sup> Equivalent wholesale value of all sales for all crops except foliage plants; for foliage plants, value is based on net value of sales. <sup>2</sup> Unallocated to avoid disclosure of individual operations. <sup>3</sup> Data for 1980 included with pompon chrysanthemums to avoid disclosure of individual operations. <sup>4</sup> Data for 1980 includes small amount of standard chrysanthemums. <sup>5</sup> Excludes value of sales from "open acreage" grown outdoors.

Statistical Reporting Service.



## CHAPTER VI

# STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 382 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1980. The United States average rates are derived by weighting the average for each State by the area planted to the particular crop. Rates are not shown for states where the crop is not estimated currently.

**Table 371.—Hay, all: Area, yield, production, disposition, and value, United States, 1965-81**

Year	Area harvested	Yield per acre	Production	Used on farms where produced	Sold	Season average price per ton received by farmers	Value of production
	<i>1,000 acres</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965.....	67,496	1.86	125,610	102,554	23,056	23.20	2,915,468
1966.....	64,356	1.88	120,930	98,797	22,133	25.00	2,889,799
1967.....	63,303	1.98	125,134	102,387	22,747	24.50	2,866,364
1968.....	60,922	2.04	124,244	101,213	23,031	23.60	2,821,800
1969.....	59,716	2.11	126,026	102,678	23,348	24.70	2,936,788
1970.....	61,467	2.07	126,969	102,619	24,350	26.10	3,076,382
1971.....	61,355	2.10	129,132	104,064	25,068	28.10	3,335,209
1972.....	59,680	2.15	128,565	102,792	25,773	31.30	3,729,522
1973.....	61,828	2.17	134,217	107,002	27,215	41.60	5,003,991
1974.....	60,195	2.10	126,384	100,897	25,487	50.90	5,790,715
1975.....	61,353	2.16	132,397	105,874	26,523	52.10	6,458,070
1976.....	60,377	1.99	120,125	94,675	25,450	60.20	6,814,924
1977.....	60,988	2.17	132,211	105,133	27,078	53.70	6,826,411
1978.....	62,113	2.32	143,817	115,544	28,273	49.80	6,663,678
1979.....	61,666	2.40	147,847	118,846	29,001	59.50	7,362,597
1980.....	59,362	2.21	131,027	( <sup>2</sup> )	( <sup>2</sup> )	71.00	8,103,989
1981 <sup>1</sup> .....	60,212	2.38	143,105	( <sup>2</sup> )	( <sup>2</sup> )	66.90	9,211,532

<sup>1</sup> Preliminary.    <sup>2</sup> Series discontinued.

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**Table 372.—Hay, all: Stocks on farms, United States, 1965-82**

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	<i>1,000 tons</i>	<i>1,000 tons</i>		<i>1,000 tons</i>	<i>1,000 tons</i>
1965.....	79,077	16,568	1974.....	93,159	25,353
1966.....	88,609	22,720	1975.....	84,687	18,505
1967.....	84,881	21,938	1976.....	86,411	25,541
1968.....	88,460	24,929	1977.....	77,651	19,540
1969.....	89,687	23,664	1978.....	92,136	24,184
1970.....	89,365	24,056	1979.....	99,024	30,108
1971.....	87,651	22,200	1980.....	108,204	33,346
1972.....	89,445	25,472	1981.....	91,983	25,429
1973.....	88,790	24,311	1982 <sup>1</sup> .....	99,850	25,151

<sup>1</sup> Preliminary.

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Table 373.—Hay, all: Area, yield, and production, by States, 1979–81

State	Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1980 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala.....	660	625	640	1.80	1.65	1.80	1,188	1,031	1,152
Ariz.....	190	195	190	5.75	6.46	6.40	1,093	1,260	1,216
Ark.....	933	921	950	1.90	1.33	1.90	1,774	1,221	1,806
Calif.....	1,560	1,550	1,565	4.68	4.99	5.02	7,295	7,736	7,851
Colo.....	1,540	1,500	1,455	2.32	2.18	2.27	3,574	3,276	3,303
Conn.....	86	86	86	2.09	1.95	2.03	180	168	175
Del.....	19	18	17	2.47	2.22	2.65	47	40	45
Fla.....	269	240	230	2.30	2.30	2.10	619	552	483
Ga.....	450	460	475	2.60	1.60	2.15	1,170	736	1,021
Idaho.....	1,368	1,380	1,390	3.02	3.18	3.12	4,126	4,395	4,343
Ill.....	1,180	1,160	1,140	3.19	3.07	3.07	3,766	3,558	3,501
Ind.....	815	805	785	2.60	2.74	2.87	2,119	2,208	2,256
Iowa.....	2,330	2,270	2,230	3.75	3.54	3.69	8,747	8,037	8,224
Kans.....	2,300	2,125	2,300	2.54	1.93	2.64	5,840	4,102	6,070
Ky.....	1,594	1,560	1,560	1.97	1.90	2.12	3,134	2,970	3,304
La.....	385	355	365	2.21	1.72	2.21	849	612	805
Maine.....	216	220	221	1.78	1.65	1.81	385	362	401
Md.....	246	235	228	2.50	2.40	2.42	616	564	551
Mass.....	119	119	121	2.39	2.17	2.30	285	258	278
Mich.....	1,330	1,310	1,270	2.88	2.93	3.07	3,833	3,844	3,894
Minn.....	2,950	2,950	2,860	3.02	2.41	2.87	8,910	7,115	8,206
Miss.....	660	650	675	1.95	1.60	1.85	1,287	1,040	1,249
Mo.....	3,420	3,270	3,550	1.82	1.37	1.90	6,215	4,470	6,750
Mont.....	2,380	2,200	2,320	1.82	1.90	2.07	4,329	4,170	4,808
Nebr.....	3,700	3,700	3,700	2.06	1.91	1.94	7,618	7,083	7,165
Nev.....	495	500	460	2.18	2.19	2.27	1,081	1,095	1,046
N.H.....	92	93	92	2.04	2.01	2.18	188	187	201
N.J.....	127	107	110	2.73	2.38	2.51	347	255	276
N. Mex.....	319	310	315	3.76	3.69	3.99	1,199	1,144	1,256
N.Y.....	2,450	2,430	2,290	2.26	2.38	2.30	5,539	5,787	5,273
N.C.....	378	382	384	1.65	1.55	1.66	624	592	636
N. Dak.....	3,500	2,820	3,230	1.61	0.89	1.47	5,650	2,519	4,761
Ohio.....	1,440	1,430	1,380	2.51	2.51	2.52	3,618	3,588	3,473
Okla.....	1,900	1,570	1,670	2.09	1.47	1.98	3,966	2,315	3,307
Oreg.....	1,060	1,070	1,060	2.42	2.78	2.72	2,568	2,978	2,886
Pa.....	1,960	1,950	1,950	2.19	2.14	2.33	4,293	4,182	4,535
R.I.....	11	11	11	2.00	1.64	1.73	22	18	19
S.C.....	215	208	218	2.10	1.70	1.90	452	354	414
S. Dak.....	4,300	4,160	4,310	1.76	1.29	1.34	7,570	5,359	5,786
Tenn.....	1,240	1,185	1,270	1.63	1.49	1.64	2,022	1,764	2,078
Tex.....	2,790	2,670	2,830	2.56	2.07	2.46	7,133	5,515	6,959
Utah.....	598	595	600	3.39	3.46	3.64	2,026	2,058	2,186
Vt.....	445	455	447	1.90	1.95	2.18	846	886	973
Va.....	978	967	975	1.82	1.68	1.68	1,779	1,626	1,640
Wash.....	853	865	855	2.92	3.03	2.97	2,494	2,625	2,542
W. Va.....	585	595	620	1.28	1.64	1.32	749	977	817
Wis.....	4,030	3,900	3,600	3.12	3.22	3.07	12,555	12,545	11,055
Wyo.....	1,200	1,185	1,212	1.77	1.56	1.76	2,127	1,850	2,129
U.S.....	61,666	59,362	60,212	2.40	2.21	2.38	147,847	131,027	143,105

<sup>1</sup> Preliminary.

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Table 374.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1979-81

State	Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ariz.....	160	165	160	6.40	7.00	7.00	1,024	1,155	1,120
Ark.....	73	78	80	2.50	1.60	2.45	183	125	196
Calif.....	1,050	1,030	1,050	6.00	6.40	6.30	6,300	6,592	6,615
Colo.....	790	780	770	3.10	3.00	3.00	2,449	2,340	2,310
Conn.....	22	21	22	2.65	2.55	2.60	58	54	57
Del.....	8	7	7	3.25	3.05	3.80	26	21	27
Idaho.....	1,068	1,090	1,100	3.40	3.50	3.50	3,631	3,815	3,850
Ill.....	740	720	705	3.90	3.75	3.70	2,886	2,700	2,609
Ind.....	390	380	375	3.20	3.35	3.50	1,248	1,273	1,313
Iowa.....	1,810	1,760	1,750	4.10	3.90	4.00	7,421	6,864	7,000
Kans.....	1,000	975	1,000	3.50	2.85	3.60	3,500	2,779	3,600
Ky.....	204	200	200	3.10	2.95	3.60	632	590	720
La.....	13	13	13	2.35	2.40	2.40	31	31	31
Maine.....	21	22	21	2.50	2.05	2.45	53	45	51
Md.....	75	70	63	3.20	3.10	3.50	240	217	221
Mass.....	27	27	28	2.90	2.40	2.80	78	65	78
Mich.....	1,040	1,020	1,000	3.10	3.20	3.30	3,224	3,264	3,300
Minn.....	2,150	2,100	2,000	3.40	2.70	3.20	7,310	5,670	6,400
Mo.....	520	520	550	2.75	2.25	3.00	1,430	1,170	1,650
Mont.....	1,300	1,200	1,300	2.25	2.35	2.60	2,925	2,820	3,380
Nebr.....	1,650	1,650	1,650	3.25	3.05	3.10	5,363	5,033	5,115
Nev.....	215	215	210	3.40	3.50	3.55	731	753	746
N.H.....	19	20	20	2.60	2.25	2.50	49	45	50
N.J.....	48	41	40	3.60	3.00	3.40	173	123	136
N. Mex.....	245	240	240	4.50	4.30	4.70	1,103	1,032	1,128
N.Y.....	1,040	1,030	990	2.75	2.90	2.70	2,860	2,987	2,673
N.C.....	25	25	27	2.35	2.25	2.40	59	56	65
N. Dak.....	2,000	1,220	1,600	1.85	0.95	1.60	3,700	1,159	2,560
Ohio.....	580	540	460	3.05	3.10	3.15	1,769	1,674	1,449
Okla.....	460	420	390	3.30	2.50	2.90	1,518	1,050	1,131
Oreg.....	415	425	425	3.70	4.20	4.10	1,536	1,785	1,743
Pa.....	850	840	830	2.70	2.60	2.90	2,295	2,184	2,407
R.I.....	3	3	3	2.70	2.10	2.45	8	6	7
S. Dak.....	2,500	2,300	2,370	2.20	1.40	1.50	5,500	3,220	3,555
Tenn.....	105	105	115	2.50	2.40	2.50	263	252	288
Tex.....	190	170	180	4.70	4.50	4.80	893	765	864
Utah.....	475	470	475	3.80	3.90	4.10	1,805	1,833	1,948
Vt.....	105	110	105	2.55	2.25	2.75	268	248	289
Va.....	93	87	100	2.95	2.50	2.40	274	218	240
Wash.....	503	505	500	3.60	3.70	3.70	1,811	1,869	1,850
W. Va.....	85	80	80	1.75	2.55	2.45	149	204	196
Wis.....	3,100	3,050	2,850	3.30	3.50	3.30	10,230	10,675	9,405
Wyo.....	545	520	540	2.40	2.15	2.45	1,308	1,118	1,323
U.S.....	27,712	26,244	26,394	3.19	3.04	3.17	88,314	79,879	83,696

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 375.—Hay, all other: Area, yield, and production, by States, 1979-81

State	Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ala.....	660	625	640	1.80	1.65	1.80	1,188	1,031	1,152
Ariz.....	30	30	30	2.30	3.50	3.20	69	105	96
Ark.....	860	843	870	1.85	1.30	1.85	1,591	1,096	1,610
Calif.....	510	520	515	1.95	2.20	2.40	995	1,144	1,236
Colo.....	750	720	685	1.50	1.30	1.45	1,125	936	993
Conn.....	64	65	64	1.90	1.75	1.85	122	114	118
Del.....	11	11	10	1.90	1.70	1.80	21	19	18
Fla.....	269	240	230	2.30	2.30	2.10	619	552	483
Ga.....	450	460	475	2.60	1.60	2.15	1,170	736	1,021
Idaho.....	300	290	290	1.65	2.00	1.70	495	580	493

See footnotes at end of table.

Table 375.—Hay, all other: Area, yield, and production, by States, 1979-81—Continued

State	Area harvested			Yield per harvested acre			Production		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
Ill.....	440	440	435	2.00	1.95	2.05	880	858	892
Ind.....	425	425	410	2.05	2.20	2.30	871	935	943
Iowa.....	520	510	480	2.55	2.30	2.55	1,326	1,173	1,224
Kans.....	1,300	1,150	1,300	1.80	1.15	1.90	2,340	1,323	2,470
Ky.....	1,390	1,360	1,360	1.80	1.75	1.90	2,502	2,380	2,584
La.....	372	342	352	2.20	1.70	2.20	818	581	774
Maine.....	195	198	200	1.70	1.60	1.75	332	317	350
Md.....	171	165	165	2.20	2.10	2.00	376	347	330
Mass.....	92	92	93	2.25	2.10	2.15	207	193	200
Mich.....	290	290	270	2.10	2.00	2.20	609	580	594
Minn.....	800	850	860	2.00	1.70	2.10	1,600	1,445	1,806
Miss.....	660	650	675	1.95	1.60	1.85	1,287	1,040	1,249
Mo.....	2,900	2,750	3,000	1.65	1.20	1.70	4,785	3,300	5,100
Mont.....	1,080	1,000	1,020	1.30	1.35	1.40	1,404	1,350	1,428
Nebr.....	2,050	2,050	2,050	1.10	1.00	1.00	2,255	2,050	2,050
Nev.....	280	285	250	1.25	1.20	1.20	350	342	300
N.H.....	73	73	72	1.90	1.95	2.10	139	142	151
N.J.....	79	66	70	2.20	2.00	2.00	174	132	140
N. Mex.....	74	70	75	1.30	1.60	1.70	96	112	128
N.Y.....	1,410	1,400	1,300	1.90	2.00	2.00	2,679	2,800	2,600
N.C.....	353	357	357	1.60	1.50	1.60	565	536	571
N. Dak.....	1,500	1,600	1,630	1.30	0.85	1.35	1,950	1,360	2,201
Ohio.....	860	890	920	2.15	2.25	2.20	1,849	1,914	2,024
Okla.....	1,440	1,150	1,280	1.70	1.10	1.70	2,448	1,265	2,176
Oreg.....	645	645	635	1.60	1.85	1.80	1,032	1,193	1,143
Pa.....	1,110	1,110	1,120	1.80	1.80	1.90	1,998	1,998	2,128
R.I.....	8	8	8	1.70	1.50	1.50	14	12	12
S.C.....	215	208	218	2.10	1.70	1.90	452	354	414
S. Dak.....	1,800	1,860	1,940	1.15	1.15	1.15	2,070	2,139	2,231
Tenn.....	1,135	1,080	1,155	1.55	1.40	1.55	1,759	1,512	1,790
Tex.....	2,600	2,500	2,650	2.40	1.90	2.30	6,240	4,750	6,095
Utah.....	123	125	125	1.80	1.80	1.90	221	225	238
Vt.....	340	345	342	1.70	1.85	2.00	578	638	684
Va.....	885	880	875	1.70	1.60	1.60	1,505	1,408	1,400
Wash.....	350	360	355	1.95	2.10	1.95	683	756	692
W. Va.....	500	515	540	1.20	1.50	1.15	600	773	621
Wis.....	930	850	750	2.50	2.20	2.20	2,325	1,870	1,650
Wyo.....	655	665	672	1.25	1.10	1.20	819	732	806
U.S.....	33,954	33,118	33,818	1.75	1.54	1.76	59,533	51,148	59,409

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 376.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1965-81

Year beginning May	Farm carry-over May 1	Production	Total supply	Disappearance	Roughage-consuming animal units	Supply per animal unit	Disappearance per animal unit	Price received per ton
	Million tons	Million tons	Million tons	Million tons	Million units	Tons	Tons	Dollars
1965.....	16.6	125.6	142.2	119.5	88.9	1.60	1.34	.....
1966.....	22.7	120.9	143.6	121.7	88.2	1.63	1.38	.....
1967.....	21.9	125.1	147.0	122.1	88.1	1.67	1.39	.....
1968.....	24.9	124.2	149.1	125.4	87.5	1.70	1.43	.....
1969.....	23.7	126.0	149.7	125.6	88.0	1.70	1.43	.....
1970.....	24.1	127.0	151.1	128.9	89.9	1.68	1.43	26.10
1971.....	22.2	129.1	151.3	125.8	91.1	1.66	1.38	28.10
1972.....	25.5	128.6	154.1	129.8	93.2	1.65	1.39	31.30
1973.....	24.3	134.2	158.5	133.1	99.5	1.59	1.34	41.60
1974.....	25.4	126.4	151.8	133.3	103.8	1.46	1.28	50.90
1975.....	18.5	132.4	150.9	125.4	98.2	1.54	1.28	52.10
1976.....	25.5	120.1	145.6	126.1	94.8	1.54	1.33	60.20
1977.....	19.5	132.2	151.7	127.6	89.5	1.70	1.43	53.70
1978.....	24.2	143.8	168.0	137.9	86.0	1.95	1.60	49.80
1979.....	30.1	147.8	177.9	144.6	87.5	2.03	1.65	59.50
1980.....	33.3	131.0	164.3	138.9	90.6	1.81	1.53	71.00
1981 <sup>1</sup> .....	25.4	143.1	168.5	143.1	93.2	1.81	1.54	67.10

<sup>1</sup> Preliminary.

Economic Research Service.

Table 377.—Hay, all: Production, disposition, and value, by States, crop of 1981 (preliminary)

State	Production	Used on farms where produced	Sold	Season average price per ton, baled	Value of—	
					Production	Sales
	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars	1,000 dollars
Ala.....	1,152	( <sup>1</sup> )	( <sup>1</sup> )	60.00	69,120	( <sup>1</sup> )
Ariz.....	1,216	( <sup>1</sup> )	( <sup>1</sup> )	74.00	89,984	( <sup>1</sup> )
Ark.....	1,806	( <sup>1</sup> )	( <sup>1</sup> )	49.00	88,494	( <sup>1</sup> )
Calif.....	7,851	( <sup>1</sup> )	( <sup>1</sup> )	74.50	584,900	( <sup>1</sup> )
Colo.....	3,303	( <sup>1</sup> )	( <sup>1</sup> )	66.00	217,998	( <sup>1</sup> )
Conn.....	175	( <sup>1</sup> )	( <sup>1</sup> )	78.50	13,738	( <sup>1</sup> )
Del.....	45	( <sup>1</sup> )	( <sup>1</sup> )	83.50	3,758	( <sup>1</sup> )
Fla.....	483	( <sup>1</sup> )	( <sup>1</sup> )	69.50	33,569	( <sup>1</sup> )
Ga.....	1,021	( <sup>1</sup> )	( <sup>1</sup> )	65.00	66,365	( <sup>1</sup> )
Idaho.....	4,343	( <sup>1</sup> )	( <sup>1</sup> )	52.50	228,008	( <sup>1</sup> )
Ill.....	3,501	( <sup>1</sup> )	( <sup>1</sup> )	57.50	201,308	( <sup>1</sup> )
Ind.....	2,256	( <sup>1</sup> )	( <sup>1</sup> )	60.50	136,488	( <sup>1</sup> )
Iowa.....	8,224	( <sup>1</sup> )	( <sup>1</sup> )	61.50	505,776	( <sup>1</sup> )
Kans.....	6,070	( <sup>1</sup> )	( <sup>1</sup> )	57.00	345,990	( <sup>1</sup> )
Ky.....	3,304	( <sup>1</sup> )	( <sup>1</sup> )	63.50	209,804	( <sup>1</sup> )
La.....	805	( <sup>1</sup> )	( <sup>1</sup> )	51.00	41,055	( <sup>1</sup> )
Maine.....	401	( <sup>1</sup> )	( <sup>1</sup> )	62.50	25,063	( <sup>1</sup> )
Md.....	551	( <sup>1</sup> )	( <sup>1</sup> )	83.50	46,009	( <sup>1</sup> )
Mass.....	278	( <sup>1</sup> )	( <sup>1</sup> )	80.50	22,379	( <sup>1</sup> )
Mich.....	3,894	( <sup>1</sup> )	( <sup>1</sup> )	49.50	192,753	( <sup>1</sup> )
Minn.....	8,206	( <sup>1</sup> )	( <sup>1</sup> )	72.00	590,832	( <sup>1</sup> )
Miss.....	1,249	( <sup>1</sup> )	( <sup>1</sup> )	55.00	68,695	( <sup>1</sup> )
Mo.....	6,750	( <sup>1</sup> )	( <sup>1</sup> )	66.50	448,875	( <sup>1</sup> )
Mont.....	4,808	( <sup>1</sup> )	( <sup>1</sup> )	55.00	264,440	( <sup>1</sup> )
Nebr.....	7,165	( <sup>1</sup> )	( <sup>1</sup> )	60.50	433,483	( <sup>1</sup> )
Nev.....	1,046	( <sup>1</sup> )	( <sup>1</sup> )	71.00	74,266	( <sup>1</sup> )
N.H.....	201	( <sup>1</sup> )	( <sup>1</sup> )	75.00	15,075	( <sup>1</sup> )
N.J.....	276	( <sup>1</sup> )	( <sup>1</sup> )	99.00	27,324	( <sup>1</sup> )
N. Mex.....	1,256	( <sup>1</sup> )	( <sup>1</sup> )	83.00	104,248	( <sup>1</sup> )
N.Y.....	5,273	( <sup>1</sup> )	( <sup>1</sup> )	68.00	358,564	( <sup>1</sup> )
N.C.....	636	( <sup>1</sup> )	( <sup>1</sup> )	65.00	41,340	( <sup>1</sup> )
N. Dak.....	4,761	( <sup>1</sup> )	( <sup>1</sup> )	61.00	290,421	( <sup>1</sup> )
Ohio.....	3,473	( <sup>1</sup> )	( <sup>1</sup> )	76.50	265,685	( <sup>1</sup> )
Okla.....	3,307	( <sup>1</sup> )	( <sup>1</sup> )	66.50	219,916	( <sup>1</sup> )
Oreg.....	2,886	( <sup>1</sup> )	( <sup>1</sup> )	59.00	170,274	( <sup>1</sup> )
Pa.....	4,535	( <sup>1</sup> )	( <sup>1</sup> )	81.00	367,335	( <sup>1</sup> )
R.I.....	19	( <sup>1</sup> )	( <sup>1</sup> )	82.00	1,558	( <sup>1</sup> )
S.C.....	414	( <sup>1</sup> )	( <sup>1</sup> )	73.50	30,429	( <sup>1</sup> )
S. Dak.....	5,786	( <sup>1</sup> )	( <sup>1</sup> )	71.50	413,699	( <sup>1</sup> )
Tenn.....	2,078	( <sup>1</sup> )	( <sup>1</sup> )	49.00	101,822	( <sup>1</sup> )
Tex.....	6,959	( <sup>1</sup> )	( <sup>1</sup> )	65.00	452,335	( <sup>1</sup> )
Utah.....	2,186	( <sup>1</sup> )	( <sup>1</sup> )	61.50	134,439	( <sup>1</sup> )
Vt.....	973	( <sup>1</sup> )	( <sup>1</sup> )	65.00	63,245	( <sup>1</sup> )
Va.....	1,640	( <sup>1</sup> )	( <sup>1</sup> )	77.50	127,100	( <sup>1</sup> )
Wash.....	2,542	( <sup>1</sup> )	( <sup>1</sup> )	71.00	180,482	( <sup>1</sup> )
W. Va.....	817	( <sup>1</sup> )	( <sup>1</sup> )	59.00	48,203	( <sup>1</sup> )
Wis.....	11,055	( <sup>1</sup> )	( <sup>1</sup> )	59.00	652,245	( <sup>1</sup> )
Wyo.....	2,129	( <sup>1</sup> )	( <sup>1</sup> )	67.00	142,643	( <sup>1</sup> )
U.S.....	143,105	( <sup>1</sup> )	( <sup>1</sup> )	66.90	9,211,532	( <sup>1</sup> )

<sup>1</sup>Series discontinued.  
Statistical Reporting Service.

Table 378.—Hay: Area and production, by kinds, United States, 1965-81

Year	Alfalfa	Clover and timothy	Lespedeza	Soybean	Cowpea	Peanutvine	Grains cut green for hay	Wild hay	Other hay	All other hay	All hay
	Area harvested										
	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
1965	29,705	13,023	2,338	( <sup>1</sup> )	( <sup>1</sup> )	450	2,738	10,057	9,185		67,496
1966	28,950	12,883	1,730			407	2,793	9,035	8,558		64,356
1967	27,997	12,759	1,590			330	2,289	9,422	8,916		63,303
1968	26,964	12,685	1,375			311	2,480	8,564	8,543		60,922
1969	26,634	12,538	1,178			337	2,693	8,314	8,022	33,082	59,716
1970	27,276	12,913	1,098			312	2,762	8,549	8,656	34,191	61,457
1971	27,599	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	33,756	61,355
1972	27,187									32,493	59,680
1973	27,826									34,002	61,828
1974	26,877									33,318	60,195
1975	27,288									34,065	61,353
1976	26,674									33,703	60,377
1977	27,150									33,838	60,988
1978	27,864									34,249	62,113
1979	27,712									33,954	61,666
1980	26,244									33,118	59,362
1981 <sup>3</sup>	26,394									33,818	60,212
	Production										
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1965	74,854	20,086	3,051	( <sup>1</sup> )	( <sup>1</sup> )	316	3,883	9,606	13,820		125,610
1966	73,073	20,895	2,192			285	3,603	7,867	13,015		120,930
1967	74,260	22,132	2,400			236	3,305	9,034	13,767		125,134
1968	73,632	22,837	1,937			226	3,529	7,928	14,155		124,244
1969	75,883	22,933	1,706			236	3,943	8,238	13,087	50,143	126,026
1970	75,573	23,403	1,615			237	3,920	8,161	14,188	51,396	126,969
1971	77,285	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	51,847	129,132
1972	78,226									50,339	128,565
1973	78,805									55,412	134,217
1974	74,368									52,016	126,384
1975	78,183									54,214	132,397
1976	69,960									50,165	120,125
1977	80,814									51,397	132,211
1978	87,294									56,523	143,817
1979	88,314									59,533	147,847
1980	79,879									51,148	131,027
1981 <sup>3</sup>	83,696									59,409	143,105

<sup>1</sup>Included in "Other hay" from 1965 through 1970. <sup>2</sup>Not estimated separately; included in "All other hay."<sup>3</sup>Preliminary.

Statistical Reporting Service.

Table 379.—Pasture and range: Condition,<sup>1</sup> first of month, United States, 1965-81

Year	April <sup>2,3</sup>	May	June	July	August	September	October	November	December <sup>2</sup>
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1965	73	79	81	84	79	78	83	82	
1966	79	81	82	78	68	77	78	76	
1967	77	79	77	85	84	79	79	79	
1968	74	83	85	86	82	81	82	81	
1969	77	86	89	85	83	77	78	78	
1970	79	84	85	86	76	73	80	81	
1971	70	75	80	80	77	77	80	83	
1972	<sup>+78</sup> <sup>80</sup>	78	84	82	81	81	80	81	<sup>80</sup>
1973	<sup>+86</sup> <sup>86</sup>	87	87	87	83	78	82	83	<sup>81</sup>
1974	<sup>+79</sup> <sup>79</sup>	81	84	82	66	71	75	70	<sup>71</sup>
1975	<sup>+77</sup> <sup>75</sup>	76	86	88	80	76	80	77	<sup>74</sup>
1976	<sup>+73</sup> <sup>74</sup>	79	77	75	70	61	63	66	<sup>64</sup>
1977	<sup>+68</sup> <sup>66</sup>	76	74	68	64	71	76	75	<sup>72</sup>
1978	<sup>+68</sup> <sup>71</sup>	75	85	85	77	75	77	73	<sup>70</sup>
1979	<sup>+75</sup> <sup>77</sup>	84	87	86	84	86	81	77	<sup>74</sup>
1980	<sup>+76</sup> <sup>77</sup>	80	81	78	60	61	63	65	<sup>63</sup>
1981	<sup>+70</sup> <sup>67</sup>	79	80	84	82	82	80	80	<sup>78</sup>

See footnotes on page 258.

Table 380.—Pasture and range: Condition,<sup>1</sup> June 1 and Sept. 1, by States, average 1970-79, annual 1980 and 1981

State	Condition June 1			Condition Sept. 1			State	Condition June 1			Condition Sept. 1		
	Average 1970-79	1980	1981	Average 1970-79	1980	1981		Average 1970-79	1980	1981	Average 1970-79	1980	1981
	Percent	Percent	Percent	Percent	Percent	Percent		Percent	Percent	Percent	Percent	Percent	Percent
Ala.....	82	89	75	81	58	76	Nev.....	81	98	82	78	94	60
Ariz.....	76	75	61	72	68	76	N.H.....	91	95	97	79	87	99
Ark.....	85	89	90	73	22	90	N.J.....	88	91	88	78	52	69
Calif.....	74	95	88	71	88	83	N. Mex.....	70	76	61	76	54	93
Colo.....	76	91	76	72	73	83	N.Y.....	89	91	88	79	79	87
Conn.....	90	96	89	77	87	68	N.C.....	88	92	79	81	64	78
Del.....	88	89	92	78	50	65	N. Dak.....	79	24	58	68	45	79
Fla.....	72	82	50	84	82	81	Ohio.....	87	92	92	85	95	75
Ga.....	81	84	58	79	44	73	Okla.....	84	87	78	71	32	87
Idaho.....	83	96	94	80	96	81	Oreg.....	90	93	88	81	69	85
Ill.....	89	90	92	79	70	92	R.I.....	92	96	95	81	72	83
Ind.....	89	92	95	85	87	87	S.C.....	83	83	55	77	47	76
Iowa.....	90	72	82	77	79	91	S. Dak.....	81	43	50	66	48	68
Kans.....	88	83	81	71	52	89	Tenn.....	89	94	89	83	50	88
Ky.....	90	93	93	89	71	89	Tex.....	75	79	82	69	37	74
La.....	79	82	77	80	47	72	Utah.....	78	94	90	73	82	77
Maine.....	89	94	96	79	88	96	Vt.....	88	96	97	76	86	95
Md.....	87	93	89	80	58	77	Va.....	89	99	87	83	70	79
Mass.....	92	95	93	79	84	77	Wash.....	84	88	89	77	84	84
Mich.....	86	91	86	76	90	75	W. Va.....	83	93	88	86	92	74
Minn.....	83	62	73	71	74	86	Wis.....	87	77	81	72	89	84
Miss.....	84	87	80	80	65	72	Wyo.....	86	89	87	82	70	86
Mo.....	88	78	85	67	35	95	U.S.....	83	81	80	75	61	82
Mont.....	83	57	82	79	64	81							
Nebr.....	86	80	78	71	57	88							

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.  
Statistical Reporting Service.

Table 381.—Field seeds: Average retail price paid by farmers for seed, Sept. 15, United States, 1973-81

Kind of seed	1973	1974	1975	1976	1977	1978	1979	1980	1981
	Price per 100 pounds								
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties.....	105.00	151.00	107.00	122.00	158.00	165.00	175.00	178.00	170.00
Alfalfa, certified varieties.....	119.00	166.00	132.00	145.00	182.00	190.00	210.00	219.00	217.00
Red clover.....	80.50	112.00	100.00	100.00	110.00	121.00	116.00	111.00	115.00
Alsike clover.....	44.50	62.00	64.50	71.00	88.00	64.00			
Ladino clover.....	165.00	225.00	250.00	210.00	220.00	220.00	235.00	260.00	313.00
Crimson clover.....	59.50	91.00	99.00	73.00	59.00	77.00	82.50	93.00	85.60
Timothy.....	55.00	60.00	43.00	49.00	75.00	97.50	94.00	91.50	88.10
Orchardgrass.....	57.50	66.00	59.00	58.00	62.00	69.50	88.00	92.00	97.90
Kentucky bluegrass.....	145.00	143.00	86.90	107.00	145.00	177.00	171.00	174.00	168.00
Tall fescue.....	40.00	40.00	34.00	40.00	50.00	47.50	52.50	47.50	62.30
Ryegrass, annual.....	39.50	41.00	28.50	31.00	28.00	28.50	29.00	28.50	35.20
Ryegrass, perennial.....	77.00	84.00	43.00	46.00	56.00	60.50	75.50	87.50	91.40
Hairy vetch.....	25.50	37.00	37.00	48.00	49.00	56.00	65.50	64.00	70.40
	Price per bushel								
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Wheat (winter).....	7.20	7.50	6.10	6.00	4.40	5.90	7.40	7.40	7.41
Oats (winter).....	3.90	3.95	4.75	3.75	3.60	3.25	3.95	4.60	4.82
Barley (winter).....	4.60	5.30	5.45	4.95	4.30	4.70	5.40	5.70	6.09
Rye.....	4.90	5.90	5.90	6.00	5.20	4.90	6.20	6.60	6.76

Statistical Reporting Service.

Table 382.—Seeding rates: Quantity of seed used per acre for specified crops, by States

State	Corn <sup>1</sup>	Winter wheat	Durum wheat	Other spring wheat	Oats	Barley	Rye	Flaxseed	Sorghum	Soybeans	Dry Beans	Sunflowers	Rice	Potatoes (Irish)	Sweet-potatoes	Pea-nuts <sup>2</sup>	Cotton <sup>3</sup>
	<i>Kernels</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>Bushels</i>	<i>Pounds</i>	<i>Seeds</i>	<i>Pounds</i>	<i>Cwt.</i>	<i>Cwt.</i>	<i>Pounds</i>	<i>Pounds</i>
Ala.....	21,000	1.8			2.8				18.0	0.90				14.2	4.0	100	26
Ariz.....	28,600	2.2	2.2			2.5			12.5					15.0			18
Ark.....	20,000	1.8			2.8				8.3	.90			135				25
Calif.....	27,000	1.9	2.0		2.9	2.0			17.0		58		155	21.4	5.0		22
Colo.....	25,600	.65		1.4	2.2	1.6	0.85		6.6		34			22.7			
Conn.....	24,600													23.0			
Del.....	19,900	1.9				2.1	1.9			.90				15.0			
Fla.....	19,900									.90				22.5		99	23
Ga.....	19,300	1.7			2.9		1.9		17.5	.90					4.0	110	23
Idaho.....	26,200	1.2		1.6	2.5	1.8					97			20.0			
Ill.....	23,200	1.7			2.7		1.6		11.7	.95				16.0			
Ind.....	22,700	1.9			2.3		1.6		15.0	.95				17.1			
Iowa.....	22,600	1.6			3.1		1.6		11.2	.95				14.0			
Kans.....	22,500	.95			2.1	1.3	.95		5.6	.90	40						
Ky.....	20,200	1.7			2.0	1.8	1.6		15.0	1.1							
La.....	19,000	1.8							11.1	.90			135	8.0	8.0		21
Maine.....	23,800				2.7									23.0			
Md.....	21,000	1.9			2.5	2.1	1.8			.90				14.0	6.0		
Mass.....	24,300													21.0			
Mich.....	20,700	2.0			2.4	2.0	1.8			.95	48			19.6			
Minn.....	21,900	1.5	1.6	1.6	2.8	1.8	1.4	48		1.0	55	21,000		15.6			
Miss.....	18,500	1.8							9.1	.85			115		5.5	100	21
Mo.....	19,100	1.7			2.3		1.6		7.8	.90			145				29
Mont.....	22,300	.95	1.1	1.0	1.8	1.3					58			19.0			
Nebr.....	22,200	1.1			2.6	1.7	1.2		5.8	.95	61			19.5			
Nev.....		1.6		1.8		2.2								20.0			28
N.H.....	24,100																
N.J.....	21,100	2.0			2.4	2.2	1.8			1.3				18.0	4.5		
N. Mex.....	23,000	.70				1.9		8.0						16.0		73	27
N.Y.....	23,900	2.3			2.5		2.1				76			22.7			
N.C.....	20,300	1.7			2.7	2.1	1.6		13.0	.95				13.4	11.0	105	17
N. Dak.....	19,600	1.1	1.5	1.3	2.0	1.5	1.2	41		1.1	56	19,800		14.5			
Ohio.....	23,300	2.2			2.7	1.9				1.2				17.9			
Okla.....	21,900	1.1			2.2	1.3	1.3		8.8	.85						83	21
Oreg.....	25,300	1.2		1.2	2.6	1.7	1.1							20.8			
Pa.....	21,700	2.2			2.7	2.2	2.0			1.5				18.0			
R.I.....	24,000													21.0			
S.C.....	20,700	1.7			2.8	2.1	1.8		13.0	.85					6.0	93	17
S. Dak.....	16,000	1.0	1.4	1.3	2.6	1.7	1.3	49	7.4	.95		18,300		12.0			
Tenn.....	18,800	1.9			2.4				15.0	.85				11.0	9.0		26
Tex.....	23,000	.90			2.3	1.2	.95		7.4	.85		20,500	115	12.7	7.0	64	29
Utah.....	30,200	1.2		1.6	2.5	2.1					13			24.0			
Vt.....	24,400													22.0			



Va .....	20,940	1.8			2.5	2.2	1.8		13.2	1.0				12.5	8.5	105	25
Wash .....	26,900	1.1		1.3	2.8	1.7					83			20.5			
W. Va .....	20,700	2.0			2.3	2.0											
Wis .....	21,200	1.7		1.7	2.8	2.0	1.6			1.2				18.0			
Wyo .....	24,000	.90		1.2	2.2	1.9	.85				73			19.0			
U.S. ....	21,890	1.22	1.50	1.32	2.57	1.67	1.59	44	7.29	.95	58	19,859	134	19.2	8.1	97	24

<sup>1</sup> Approximately 1,650 kernels per pound.

<sup>2</sup> Shelled basis (multiply by 1.33 to obtain unshelled basis).

<sup>3</sup> Fuzzy, non-delinted equivalent basis.

Statistical Reporting Service. United States average is rate of seeding weighted by final 1981 area planted, by States except for winter wheat and rye which are weighted by preliminary 1982 area planted in 1981.

Table 383.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1973-82

Kind of seed	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
	Price per 100 pounds									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, uncertified varieties.....	75.80	153.00	114.00	99.00	153.00	168.00	180.00	174.00	172.00	153.00
Alfalfa, certified varieties.....	83.20	167.00	140.00	116.00	177.00	194.00	215.00	213.00	218.00	202.00
Red clover.....	73.30	114.00	106.00	90.00	108.00	128.00	115.00	110.00	117.00	126.00
Alsike clover.....	39.90	59.50	67.50	63.00	89.50	67.00				
Sweetclover.....	22.70	28.00	35.00	36.00	38.50	39.00				
Ladino clover.....	143.00	220.00	250.00	210.00	220.00	220.00	280.00	250.00	317.00	326.00
Lespedeza, Korean.....	46.10	68.00	59.50	48.00	62.50	74.00	66.00	52.00	82.00	75.10
Lespedeza, Striate, Kobe.....	47.40	70.00	69.00	73.00	93.50	107.00	96.00	71.00	104.00	96.00
Lespedeza, Sericea.....	99.10	127.00	76.00	91.00	226.00	301.00	157.00	106.00	128.00	115.00
Timothy.....	46.10	65.00	51.00	37.00	60.00	124.00	98.00	80.00	98.20	62.00
Orchardgrass.....	46.10	65.50	63.00	53.00	62.00	70.00	85.00	95.00	98.00	101.00
Kentucky bluegrass.....	70.90	162.00	107.00	92.00	147.00	165.00	155.00	170.00	142.00	142.00
Ryegrass, annual.....	21.30	49.00	34.90	28.00	35.00	32.00	32.00	35.50	37.80	37.20
Tall fescue.....	39.20	43.50	35.00	32.50	47.50	62.00	40.00	49.50	65.40	59.50
Sudangrass.....	21.90	24.50	27.30	28.00	34.50	32.00	33.00	33.50	40.70	45.10
Potatoes.....	4.92	8.05	5.30	7.40	5.63	5.00	4.60	4.90	11.00	8.10
Peanuts.....	38.30	46.00	45.50	43.50	52.00	53.00	54.00	64.00	135.00	90.60
Sunflower <sup>1</sup> .....							155.00	165.00	181.00	200.00
Cottonseed.....	18.30	25.30	33.60	28.50	30.30	31.00	33.10	35.20	40.60	41.60
Grain sorghums, hybrid.....	24.60	28.50	36.50	37.50	41.00	43.00	41.00	45.00	49.40	61.50
Forage sorghums.....	20.70	21.00	23.50	21.50	27.50	22.50	23.80	27.00	32.30	
	Price per bushel									
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Corn, hybrid.....	22.20	25.00	36.50	36.50	40.00	43.00	45.50	52.50	60.00	63.70
Wheat (spring).....	3.20	8.40	7.70	6.50	5.20	5.10	5.40	6.60	7.22	6.89
Oats (spring).....	2.08	3.05	3.65	3.40	3.70	3.10	3.20	3.95	4.42	4.51
Barley (spring).....	2.35	4.10	5.50	5.10	4.60	4.10	4.20	4.90	5.95	5.60
Soybeans for seed.....	8.75	9.50	10.50	7.40	13.00	11.50	12.00	10.40	14.00	10.70
Flaxseed.....	6.35	16.50	13.00	10.50	11.00	7.00	10.00	9.80	12.90	11.20

<sup>1</sup> Estimates beginning 1979.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 379

<sup>1</sup> Numerical equivalent of condition: 80 and over, good to excellent; 65-79, poor to fair; 50-64, very poor; 35-49, severe drought; and under 35, extreme drought.<sup>2</sup> Excludes Connecticut, Maine, Massachusetts, Michigan, Minnesota, New Hampshire, New York, Pennsylvania, Rhode Island, Vermont, and Wisconsin.<sup>3</sup> Also, excludes Idaho, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming for 1966-71.<sup>4</sup> 30 States (April only).<sup>5</sup> 37 States (April and December only).

Statistical Reporting Service.

**Table 384.—Beans, dry edible: Area, yield, production, disposition, and value, United States, 1965-81 <sup>1 2</sup>**

Year	Area planted	Area harvested	Yield per harvested acre <sup>3</sup>	Production <sup>3</sup>	Used on farms where produced	Sold	Season average price per 100 pounds received by farmers <sup>4</sup>	Value of production <sup>4</sup>
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1965.....	1,556	1,484	1,109	16,457	168	16,289	8.68	142,821
1966.....	1,521	1,486	1,343	19,964	166	19,798	7.17	143,162
1967.....	1,283	1,205	1,263	15,215	140	15,075	9.26	141,025
1968.....	1,473	1,424	1,224	17,435	165	17,270	8.18	143,697
1969.....	1,519	1,469	1,287	18,913	133	18,780	7.60	143,907
1970.....	1,503	1,409	1,235	17,399	140	17,259	9.21	160,332
1971.....	1,338	1,296	1,230	15,939	139	15,800	10.90	173,971
1972.....	1,456	1,371	1,312	17,983	152	17,831	11.00	198,335
1973.....	1,358.7	1,331.7	1,222	16,274	157	16,117	27.30	444,945
1974.....	1,587.4	1,517.8	1,339	20,330	163	20,167	19.80	402,367
1975.....	1,514.2	1,466.1	1,190	17,442	152	17,290	20.10	350,988
1976.....	1,531.8	1,489.3	1,198	17,836	149	17,687	15.50	276,876
1977.....	1,402.7	1,269.9	1,304	16,555	136	16,419	20.20	333,821
1978.....	1,503.9	1,454.4	1,302	18,935	134	18,801	17.30	327,512
1979.....	1,423.0	1,383.7	1,480	20,476	152	20,324	22.80	466,228
1980.....	1,882.0	1,821.0	1,449	26,395	( <sup>5</sup> )	( <sup>5</sup> )	28.00	738,872
1981 <sup>6</sup> .....	2,320.0	2,201.0	1,445	31,814	( <sup>5</sup> )	( <sup>5</sup> )	22.70	722,125

<sup>1</sup> Figures include principal producing States only.

<sup>2</sup> Excludes beans grown for garden seed.

<sup>3</sup> Cleaned basis.

<sup>4</sup> Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Preliminary.

Statistical Reporting Service.

**Table 385.—Beans, dry edible (cleaned basis): Production, by classes; United States, 1979-81 <sup>1</sup>**

Class	1979	1980	1981 <sup>2</sup>	Class	1979	1980	1981 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
Pea (navy).....	5,858	5,717	5,405	Black turtle soup.....	288	451	2,235
Great northern.....	1,998	2,112	2,593	Large lima.....	529	758	621
Small white.....	190	186	302	Baby lima.....	656	447	629
Flat small white.....	3	0	0	Blackeye, California.....	943	698	880
Pinto.....	6,051	10,008	14,005	Garbanzo.....	152	67	42
Red kidney.....	1,602	1,757	1,577	Other.....	573	468	701
Pink.....	817	1,750	1,941				
Small red.....	506	646	610	Total.....	20,476	26,395	31,814
Cranberry.....	310	330	273				

<sup>1</sup> Excludes beans grown for garden seed.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 386.—Beans, dry edible: Area, yield, and production, by States, 1979-81 <sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <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.
Calif.....	207.0	213.0	231.0	207.0	213.0	221.0	1,739	1,790	1,820	3,600	3,813	4,022
Colo.....	175.0	190.0	195.0	165.0	185.0	190.0	1,010	1,160	1,450	1,667	2,146	2,755
Idaho.....	134.0	181.0	246.0	133.0	179.0	243.0	1,850	1,860	1,760	2,460	3,329	4,277
Kans.....	18.0	25.0	35.0	17.0	24.0	34.0	1,000	1,400	2,000	170	336	680
Mich.....	470.0	590.0	650.0	460.0	570.0	590.0	1,400	1,360	1,220	6,440	7,752	7,198
Minn.....	38.0	90.0	110.0	36.0	84.0	103.0	1,560	1,150	1,300	562	966	1,339
Mont.....	10.0	12.0	14.0	9.7	11.0	13.0	1,800	1,600	1,680	175	176	218
Nebr.....	140.0	160.0	230.0	135.0	150.0	220.0	1,600	1,820	1,750	2,160	2,730	3,850
N. Y.....	42.0	51.0	51.0	40.0	48.0	47.0	1,150	1,280	1,250	460	614	588
N. Dak.....	110.0	265.0	430.0	105.0	255.0	415.0	1,350	1,050	1,100	1,418	2,678	4,565
Utah.....	8.0	12.0	15.0	8.0	11.0	14.0	400	380	430	32	42	60
Wash.....	41.0	55.0	70.0	40.0	54.0	69.0	2,000	2,000	2,000	800	1,080	1,380
Wyo.....	30.0	38.0	43.0	28.0	37.0	42.0	1,900	1,980	2,100	532	733	882
U.S.....	1,423.0	1,882.0	2,320.0	1,383.7	1,821.0	2,201.0	1,480	1,449	1,445	20,476	26,395	31,814

<sup>1</sup>Excludes beans grown for garden seed.<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 387.—Beans, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1981 (preliminary) <sup>1</sup>

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
					1,000 cwt.	1,000 cwt.
Calif.....	4,022	(?)	(?)	29.90	120,258	(?)
Colo.....	2,755	(?)	(?)	17.70	48,764	(?)
Idaho.....	4,277	(?)	(?)	17.60	75,275	(?)
Kans.....	680	(?)	(?)	19.90	13,532	(?)
Mich.....	7,198	(?)	(?)	26.50	190,747	(?)
Minn.....	1,339	(?)	(?)	22.60	30,261	(?)
Mont.....	218	(?)	(?)	20.00	4,360	(?)
Nebr.....	3,850	(?)	(?)	21.70	83,545	(?)
N. Y.....	588	(?)	(?)	20.00	11,760	(?)
N. Dak.....	4,565	(?)	(?)	21.00	95,865	(?)
Utah.....	60	(?)	(?)	19.60	1,176	(?)
Wash.....	1,380	(?)	(?)	21.10	29,118	(?)
Wyo.....	882	(?)	(?)	19.80	17,464	(?)
U.S.....	31,814	(?)	(?)	22.70	722,125	(?)

<sup>1</sup>Excludes beans grown for garden seed.<sup>2</sup>Series discontinued.

Statistical Reporting Service.

**Table 388.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1971-80**

Year beginning September	F.o.b. California points				F.o.b. Northern Colorado points: Pinto	F.o.b. Western Nebraska points: Great northern	F.o.b. Southern Idaho points: Small reds	F.o.b. Michigan points: Pea bean (Navy)
	Baby lima	Large lima	Blackeye	Light red kidney				
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1971.....	10.88	19.40	17.23	14.17	11.60	11.60	11.85	( <sup>b</sup> )
1972.....	17.40	29.51	15.82	28.18	11.00	16.00	13.20	( <sup>b</sup> )
1973.....	32.50	39.18	29.82	41.75	39.15	30.60	43.55	( <sup>b</sup> )
1974.....	16.00	24.55	14.70	27.95	32.75	20.95	27.65	16.08
1975.....	17.71	32.68	21.77	23.81	17.85	21.15	19.95	28.11
1976.....	20.82	40.69	31.78	21.35	14.75	18.20	16.10	18.65
1977.....	20.41	31.45	23.00	37.92	23.25	23.80	22.55	22.10
1978.....	22.27	37.05	25.95	22.90	21.65	23.56	25.14	18.89
1979.....	21.13	43.58	24.22	31.22	31.76	27.25	33.06	22.74
1980.....	39.25	40.68	31.52	34.46	35.51	35.13	35.87	33.47

<sup>1</sup>Data not collected prior to 1974.

Economic Research Service. Compiled from the Bean Market Summary (formerly Bean Market Review), Agricultural Marketing Service, U.S. Department of Agriculture, Denver, Colorado.

**Table 389.—Beans, dry edible: United States exports to specified countries, 1978/79-1980/81 <sup>1</sup>**

Continent and country	1978/79	1979/80	1980/81	Continent and country	1978/79	1979/80	1980/81
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
North America:				Europe—Continued			
Canada.....	13,517	15,796	20,136	Italy.....	7,602	5,087	6,771
Dominican Republic.....	2,376	9,463	4,003	Netherlands.....	20,460	16,482	23,983
French West Indies.....	1,594	1,456	2,001	Spain.....	3,407	1,858	4,102
Mexico.....	16,604	95,544	353,990	United Kingdom.....	42,888	52,585	66,980
Panama.....	3,424	3,562	3,149	Total.....	97,781	98,848	130,636
Trinidad and Tobago.....	931	1,331	2,008	Asia:			
Total.....	38,446	127,152	385,287	Israel.....	979	631	596
South America:				Japan.....	13,191	23,339	33,411
Brazil.....	2,244	353	12,083	Philippines.....	1,320	1,046	1,066
Colombia.....	4,123	5,114	1,685	Total.....	15,490	25,016	35,073
Venezuela.....	18,580	14,950	10,796	Oceania:			
Total.....	24,947	20,417	24,564	Australia.....	2,000	2,943	3,740
Europe:				Other countries.....	75,652	67,774	138,414
Belgium and Luxembourg.....	6,596	6,022	5,969	Grand total.....	254,316	342,150	682,641
France.....	12,591	10,997	13,401				
Germany, Fed. Rep. of.....	4,237	5,817	9,430				

<sup>1</sup>Marketing year beginning previous September.

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

Table 390.—Beans, dry edible: United States exports by class and quantity, 1968-81

Year <sup>1</sup>	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other <sup>2</sup>	Seed	Total
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1968 .....	40,363	12,468	3,905	10,379	6,662	40,010	4,924	118,711
1969 .....	50,862	15,525	2,859	10,294	3,282	61,667	4,685	149,174
1970 .....	82,101	24,078	5,893	22,399	7,166	82,702	8,266	232,605
1971 .....	64,329	15,333	2,442	19,223	9,894	76,355	6,997	194,573
1972 .....	44,545	28,083	2,161	15,184	8,708	70,157	6,399	175,237
1973 .....	61,436	31,440	2,264	11,285	5,047	61,996	8,313	181,781
1974 .....	56,112	19,776	5,743	30,996	3,662	43,933	5,600	165,822
1975 .....	66,181	43,731	2,564	83,918	9,659	73,878	6,270	286,201
1976 .....	42,737	12,480	1,437	22,217	6,518	39,154	6,782	131,325
1977 .....	32,822	41,178	1,707	29,893	11,424	66,627	6,282	189,933
1978 .....	81,348	39,699	3,585	32,187	10,189	65,933	6,267	239,208
1979 .....	65,225	48,385	4,651	43,746	17,365	69,229	5,715	254,316
1980 .....	73,276	50,380	5,002	92,249	38,190	73,792	9,261	342,150
1981 .....	101,095	64,210	6,229	316,616	25,907	155,079	13,505	682,641

<sup>1</sup> Marketing year beginning previous September.<sup>2</sup> Includes other colored, black turtle, blackeye, and limas.

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

Table 391.—Peas, wrinkled green seed: Production, by States, 1979-81

State	1979	1980	1981 <sup>1</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Idaho .....	704	570	653
Wash. ....	490	414	227
Total .....	1,194	984	880

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 392.—Peas, dry edible: Area, yield, and production, by States, 1979-81 <sup>1</sup>

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <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>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Idaho .....	53.0	64.0	45.0	51.0	63.0	43.0	1,380	2,300	2,000	704	1,449	860
Wash. ....	86.0	75.0	67.0	85.0	72.0	65.0	1,570	2,550	2,200	1,335	1,836	1,430
U.S. ....	139.0	139.0	112.0	136.0	135.0	108.0	1,499	2,433	2,120	2,039	3,285	2,290

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 393.—Peas, dry edible: Area, yield, production, disposition, season average price per hundredweight received by farmers, and value, United States, 1965-81 <sup>1</sup>**

Year	Area planted	Area harvested	Yield per harvested acre (cleaned)	Production (cleaned)	Used on farms where produced	Sold	Price	Value of production
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars
1965	182	174	1,742	3,031	51	2,980	4.21	12,757
1966	184	175	1,447	2,532	45	2,487	4.55	11,516
1967	185	176	1,456	2,563	53	2,510	4.42	11,318
1968	191	181	1,507	2,727	78	2,649	4.72	12,865
1969	242.0	232.0	1,610	3,736	95	3,641	4.31	16,101
1970	279.9	256.9	1,290	3,315	47	2,268	4.17	13,805
1971	213.7	202.7	1,939	3,930	48	3,882	3.47	13,632
1972	148.0	135.1	1,557	2,103	43	2,060	5.47	11,494
1973	146.6	136.4	1,221	1,665	21	1,644	17.80	29,672
1974	220.0	213.0	1,515	3,228	38	3,190	11.40	36,917
1975	196.5	188.5	1,449	2,731	20	2,711	7.83	21,376
1976	130.0	125.0	1,720	2,150	23	2,127	11.30	24,377
1977	173.0	167.0	613	1,023	19	1,004	13.90	14,184
1978	204.0	202.0	1,783	3,601	14	3,587	8.04	28,958
1979	139.0	136.0	1,499	2,039	13	2,026	10.40	21,276
1980	139.0	135.0	2,433	3,285			9.71	31,903
1981 <sup>2</sup>	112.0	108.0	2,120	2,290			9.88	22,614

<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, Austrian winter peas or wrinkled seed peas.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 394.—Peas, dry edible (cleaned basis): Production, by classes, United States, 1979-81 <sup>1</sup>**

Class	1979	1980	1981 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.
Alaska and other smooth green kinds	1,760	2,926	1,812
White Canadas, First and Best, other smooth yellow and white kinds	279	359	478
Total	2,039	3,285	2,290

<sup>1</sup> Excludes both wrinkled seed peas and Austrian winter peas.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 395.—Peas, dry edible (cleaned basis): Production, disposition, and value, by States, crop of 1981, (preliminary) <sup>1</sup>**

State	Production	Used on farms where produced	Sold	Season average price per cwt.	Value of—	
					Production	Sales
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 dollars
Idaho .....	860	(?)	(?)	10.00	8,600	(?)
Wash .....	1,430	(?)	(?)	9.80	14,014	(?)
U.S. ....	2,290	(?)	(?)	9.88	22,614	(?)

<sup>1</sup>Excludes both wrinkled seed peas and Austrian winter peas.

<sup>2</sup>Series discontinued.

Statistical Reporting Service.

**Table 396.—Peas, dry field: United States exports to specified countries, 1978/79-80/81 <sup>1</sup>**

Continent and country	1978/79	1979/80	1980/81	Continent and country	1978/79	1979/80	1980/81
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
North America:				Europe—Continued			
Canada .....	5,356	6,004	7,171	Iceland .....	551	198	140
Mexico .....	302	822	2,138	Italy .....	1,832	2,979	3,254
Panama .....	340	309	164	Netherlands .....	4,478	1,432	1,360
Trinidad and Tobago .....	120	377	1,905	Norway .....	566	522	454
Total .....	6,118	7,512	11,378	Sweden .....	1,034	1,675	2,006
South America:				Switzerland .....	23	11	21
Brazil .....	7,391	4,017	4,232	United Kingdom .....	13,788	6,984	8,105
Columbia .....	11,322	16,628	15,936	Total .....	23,616	15,827	21,096
Peru .....	0	0	8,726	Asia:			
Surinam .....	811	913	378	Hong Kong .....	567	158	369
Venezuela .....	8,339	5,471	8,895	Israel .....	810	1,254	1,216
Total .....	27,863	27,029	38,167	Japan .....	7,375	9,047	8,771
Europe:				Philippines .....	832	832	1,099
Belgium and Luxembourg .....	0	401	1,114	Total .....	9,593	11,291	11,455
Denmark .....	457	407	228	Other countries .....	30,095	29,287	45,066
Germany, Fed. Rep. of .....	887	1,218	4,414	Grand total .....	97,285	90,946	127,162

<sup>1</sup>Marketing year beginning previous September.

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



**Table 397.—Hops: Production, disposition, and value, by States, crop of 1981 (preliminary)**

State	Production <sup>1</sup>	Sold	Season average price per pound	Value of—	
				Production	Sales
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Calif.....	1,680	(?)	152.0	2,554	(?)
Idaho.....	5,610	(?)	165.0	9,257	(?)
Oreg.....	12,384	(?)	155.0	19,195	(?)
Wash.....	59,470	(?)	150.0	89,205	(?)
Total.....	79,144	(?)	152.0	120,211	(?)

<sup>1</sup>Quantities available for market will be governed by regulations issued under Federal Market Order 991.

<sup>2</sup>Series discontinued.

Statistical Reporting Service.

**Table 398.—Hops: Area, yield, and production, by States, 1979-81**

State	Area harvested			Yield per acre			Production <sup>1</sup>		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980 <sup>2</sup>	1981 <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 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
Calif.....	1.2	1.2	1.2	1,290	1,640	1,400	1,548	1,968	1,680
Idaho.....	2.7	2.8	3.4	1,710	1,960	1,650	4,617	5,488	5,610
Oreg.....	5.6	6.2	7.2	1,540	1,960	1,720	8,624	12,152	12,384
Wash.....	22.3	26.9	31.3	1,800	2,080	1,900	40,140	55,952	59,470
U.S.....	31.8	37.1	43.1	1,727	2,037	1,836	54,929	75,560	79,144

<sup>1</sup>1981 quantities available for market will be governed by regulations issued under Federal Market Order 991.

<sup>2</sup>Includes hops lost by fire (pounds): Oreg.—89,000, Wash.—799,000.

<sup>3</sup>Preliminary.

Statistical Reporting Service.

**Table 399.—Hops: Area, yield, production, farm disposition, value, and Sept. 1 stocks, United States, 1965–81**

Year	Area harvested	Yield per acre	Production <sup>1</sup>	Sales	Season average price per pound received by farmers	Value of production	Stocks Sept. 1
	1,000 acres	Pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds
1965.....	32.7	1,714	56,060	56,060	46.1	25,865	22,140
1966.....	32.2	1,726	55,568	55,290	46.2	25,654	24,710
1967.....	29.8	1,661	49,498	44,948	45.9	22,701	27,480
1968.....	28.4	1,540	43,733	42,775	47.2	20,659	26,770
1969.....	27.0	1,547	41,763	41,763	51.0	21,305	27,860
1970.....	27.7	1,656	45,863	45,863	56.0	25,681	27,950
1971.....	28.9	1,718	49,663	49,663	65.9	32,743	30,120
1972.....	29.7	1,728	51,309	51,180	71.4	36,631	28,770
1973.....	31.4	1,744	54,769	54,769	75.7	41,457	30,280
1974.....	32.4	1,759	56,979	56,928	79.8	45,486	33,720
1975.....	32.1	1,742	55,913	55,737	83.0	46,419	42,170
1976.....	30.9	1,870	57,774	57,774	84.8	48,982	50,400
1977.....	30.5	1,796	54,777	54,777	89.6	49,095	50,480
1978.....	30.9	1,782	55,071	54,856	90.1	49,599	47,540
1979.....	31.8	1,727	54,929	54,929	97.6	53,614	38,290
1980.....	37.1	2,037	75,560	( <sup>2</sup> )	151.0	114,194	32,800
1981 <sup>3</sup> .....	43.1	1,836	79,144	( <sup>2</sup> )	152.0	120,211	34,430

<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): 278 in 1966; 4,550 in 1967; 958 in 1968; 129 in 1972; 51 in 1974; 176 in 1975; 215 in 1978; and 888 in 1980.

<sup>2</sup> Series discontinued.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 400.—Hops: United States exports by country of destination and imports by country of origin, 1978/79–1980/81**

Item and country	Year beginning September			Item and country	Year beginning September		
	1978/79	1979/80	1980/81		1978/79	1979/80	1980/81
<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<b>EXPORTS</b>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
Europe:				Canada.....	995	1,169	2,138
Belgium and Luxembourg.....	1		394	Japan.....	386	327	509
Czechoslovakia.....	132		255	Nigeria.....	28	104	188
Germany, Fed. Rep. of.....	35	1,303	1,432	South Africa.....	61	41	60
Ireland.....	205	229	113	Soviet Union.....	2,606	906	1,138
United Kingdom.....	156	162	52	Taiwan.....	213	173	232
Other countries.....	35	9	114	Other countries.....	110	114	176
Total.....	564	1,703	2,360	Total.....	4,480	2,929	4,461
Latin America:				Grand total.....	7,863	7,071	8,893
Argentina.....	4	2	16	<b>IMPORTS</b>			
Bolivia.....	73	16	38	Australia.....	102	89	71
Brazil.....	1,937	1,794	1,493	Belgium and Luxembourg.....	9	9	11
Chile.....	95	19		Canada.....	44	59	69
Guatemala.....	30	35	18	Czechoslovakia.....	36	654	1,079
Mexico.....	453	444	309	France.....	145	236	220
Peru.....	43	49	100	Germany, Fed. Rep. of.....	3,318	5,095	3,807
Uruguay.....	15	16	5	Poland.....	417	419	478
Venezuela.....	62	42	42	United Kingdom.....		30	71
Other countries.....	107	22	51	Yugoslavia.....	987	910	658
Total.....	2,819	2,439	2,072	Other countries.....	4	118	157
Other countries:				Total.....	5,062	7,609	6,621
Cameroon.....	81	95	20				

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

Table 401.—Popcorn: Area, yield, and production, by States, 1979-81 <sup>1</sup>

States	Area planted			Area harvested			Yield per harvested acre <sup>2</sup>			Production <sup>2</sup>		
	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Ill.....	17.0	16.5	16.0	16.2	15.8	14.4	2,950	2,000	2,680	47,790	31,600	38,590
Ind.....	51.0	50.0	51.0	50.0	48.0	47.0	2,950	2,550	3,150	147,500	122,400	148,050
Iowa.....	18.0	30.0	25.0	17.0	29.0	24.0	2,550	2,100	2,700	43,350	60,900	64,800
Kans.....	4.0	5.5	3.0	3.9	4.2	2.9	3,300	2,140	3,070	12,870	8,990	8,900
Ky.....	11.0	21.1	20.6	10.0	20.0	18.4	2,820	1,490	2,580	28,200	29,800	47,470
Mich.....	5.5	7.0	7.0	5.4	6.9	6.9	3,400	2,750	3,500	18,360	18,980	24,150
Mo.....	4.4	12.0	13.0	4.3	11.0	13.0	3,250	1,570	3,000	13,980	17,270	39,000
Nebr.....	58.0	68.0	92.0	55.0	66.0	88.0	3,100	2,950	3,500	170,500	194,700	308,000
Ohio.....	14.1	16.7	15.6	13.9	16.5	15.3	3,200	3,250	2,880	44,480	53,625	44,060
Other States <sup>3</sup> ...	4.0	5.8	18.6	3.6	5.6	17.3	2,646	2,510	3,100	9,530	14,045	53,600
U.S.....	187.0	232.6	261.8	179.3	223.0	247.2	2,993	2,477	3,142	536,560	552,310	776,620

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Shelled corn basis.<sup>3</sup> Alabama, California, Colorado, Florida, Georgia, Minnesota, North Carolina, Pennsylvania, South Dakota, Tennessee, Texas; for 1979—Alabama, Colorado, and Tennessee.

Statistical Reporting Service.

Table 402.—Popcorn: Production value, by States, crop of 1981

State	Production	Season average price per cwt. shelled corn	Value of production <sup>1</sup>	State	Production	Season average price per cwt. shelled corn	Value of production <sup>1</sup>
	1,000 pounds	Dollars	1,000 dollars		1,000 pounds	Dollars	1,000 dollars
Ill.....	38,590	12.40	4,785	Mo.....	39,000	14.20	5,538
Ind.....	148,050	14.50	21,467	Nebr.....	308,000	13.00	40,040
Iowa.....	64,800	12.60	8,165	Ohio.....	44,060	12.60	5,552
Kans.....	8,900	12.60	1,121	Other States <sup>2</sup> .....	53,600	13.20	7,094
Ky.....	47,470	13.00	6,171	U.S.....	776,620	13.30	103,024
Mich.....	24,150	12.80	3,091				

<sup>1</sup> Practically all production sold from farm.<sup>2</sup> Alabama, California, Colorado, Florida, Georgia, Minnesota, North Carolina, Pennsylvania, South Dakota, Tennessee, and Texas.

Statistical Reporting Service.

**Table 403.—Popcorn: Area, yield, production, season average price received by farmers, and value, United States, 1965-81 <sup>1</sup>**

Year	Area planted	Area harvested	Yield per acre <sup>2</sup>	Production <sup>2</sup>	Price per 100 pounds of ear corn <sup>2</sup>	Value of production
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1965.....	214.4	205.3	2,525	518,447	2.95	15,293
1966.....	218.1	207.1	2,418	500,793	2.95	14,772
1967.....	182.5	161.9	2,687	434,942	3.01	13,071
1968.....	197.6	185.3	2,517	466,348	2.79	13,002
1969.....	192.0	182.6	2,996	547,115	2.54	13,870
1970.....	147.3	136.5	2,447	333,974	2.52	8,405
1971.....	178.9	173.7	3,246	563,850	3.25	18,321
1972.....	174.1	157.0	3,339	524,111	3.07	16,109
1973.....	154.3	148.8	3,303	491,418	3.75	18,436
1974.....	198.5	188.7	2,036	384,200	9.10	34,978
1975.....	232.2	224.2	2,420	542,668	9.25	50,198
1976.....	214.9	207.8	2,925	607,831	8.84	53,752
1977.....	160.8	154.8	2,788	431,610	8.78	37,880
1978.....	144.9	141.1	2,821	398,110	8.44	33,594
1979.....	187.0	179.3	2,993	536,560	9.17	49,197
1980.....	232.6	223.0	2,477	552,310	10.50	58,128
1981.....	261.8	247.2	3,142	776,620	13.30	103,024

<sup>1</sup>In principal commercial producing States.<sup>2</sup>Shelled corn basis; prior to 1973, ear corn basis.

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.

**Table 404.—All cattle and calves: Number and value, United States, Jan. 1, 1965-82**

Year	Total number	Value		Year	Total number	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>
1965.....	109,000	113.00	12,359,756	1974.....	127,788	293.00	37,477,181
1966.....	108,862	133.00	14,442,853	1975.....	132,028	159.00	20,999,808
1967.....	108,783	149.00	16,211,800	1976.....	127,980	190.00	24,334,959
1968.....	109,371	148.00	16,240,574	1977.....	122,810	206.00	25,249,390
1969.....	110,015	158.00	17,389,737	1978.....	116,375	232.00	27,030,385
1970.....	112,369	179.00	20,160,430	1979.....	110,864	403.00	44,697,773
1971.....	114,578	184.00	21,112,904	1980.....	111,192	502.00	55,831,294
1972.....	117,862	208.00	24,519,645	1981.....	114,321	475.00	54,292,044
1973.....	121,539	252.00	30,583,562	1982 <sup>1</sup> .....	115,691	415.00	47,978,582

<sup>1</sup>Preliminary.  
Statistical Reporting Service.

**Table 405.—All cattle and calves: Number, by classes, United States, Jan. 1, 1965-82**

Year	All cattle and calves	Cows and heifers that have calved		500 pounds and over					Under 500 pounds: steers, heifers, and bulls
		Beef cows	Milk cows	Heifers			Steers	Bulls	
				Beef cow replacements	Milk cow replacements	Other			
	<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>
1965.....	109,000	33,400	15,380	5,700	4,780	5,980	14,050	2,180	27,530
1966.....	108,862	33,500	14,490	5,760	4,450	5,990	14,770	2,150	27,752
1967.....	108,783	33,770	13,725	5,900	4,215	6,100	14,780	2,155	28,138
1968.....	109,371	34,570	13,115	6,110	4,080	6,020	14,820	2,195	28,461
1969.....	110,015	35,490	12,550	6,150	3,990	5,930	14,905	2,220	28,780
1970.....	112,369	36,689	12,091	6,431	3,880	6,132	15,265	2,272	29,609
1971.....	114,578	37,878	11,909	6,664	3,843	6,113	15,610	2,328	30,235
1972.....	117,862	38,810	11,776	6,987	3,828	6,399	15,999	2,377	31,688
1973.....	121,539	40,932	11,622	7,434	3,872	6,432	16,553	2,467	32,229
1974.....	127,788	43,182	11,297	8,193	3,941	6,852	17,760	2,643	33,922
1975.....	132,028	45,712	11,220	8,884	4,087	6,518	16,333	2,985	36,291
1976.....	127,980	43,901	11,071	7,192	3,956	7,391	17,094	2,845	34,531
1977.....	122,810	41,443	10,998	6,527	3,887	8,048	16,884	2,664	32,360
1978.....	116,375	38,738	10,896	5,858	3,886	7,949	16,868	2,538	29,643
1979.....	110,864	37,062	10,790	5,527	3,932	7,445	16,442	2,403	27,263
1980.....	111,192	37,086	10,779	5,939	4,158	7,130	16,019	2,492	27,590
1981.....	114,321	38,726	10,860	6,136	4,345	7,285	15,519	2,547	28,904
1982 <sup>1</sup> .....	115,691	39,364	10,998	6,623	4,530	7,187	15,509	2,619	28,862

<sup>1</sup>Preliminary.  
Statistical Reporting Service.

Table 406.—All cattle and calves: Number and value, by States, Jan 1, 1980-82

State	Number			Value					
	1980	1981	1982 <sup>1</sup>	Value per head			Total value		
				1980	1981	1982 <sup>1</sup>	1980	1981	1982 <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>
Ala.....	1,730	1,925	1,950	435	350	300	752,550	673,750	585,000
Alaska.....	8.4	8.4	9.2	485	510	535	4,074	4,284	4,922
Ariz.....	1,050	1,075	1,000	465	460	410	488,250	494,500	410,000
Ark.....	2,050	2,200	2,100	445	380	335	912,250	836,000	703,500
Calif.....	4,550	4,760	5,000	605	600	560	2,752,750	2,856,000	2,800,000
Colo.....	2,975	3,125	3,025	510	485	405	1,517,250	1,515,625	1,225,125
Conn.....	104	103	102	680	810	765	70,720	83,430	78,030
Del.....	30	32	35	675	745	665	20,250	23,840	23,275
Fla.....	2,300	2,480	2,350	435	410	360	1,000,500	1,016,800	846,000
Ga.....	1,600	1,870	1,950	420	375	330	672,000	701,250	643,500
Hawaii.....	213	220	228	410	470	475	87,330	103,400	108,300
Idaho.....	1,860	1,990	1,850	515	500	435	957,900	995,000	804,750
Ill.....	2,700	2,650	2,800	475	460	405	1,282,500	1,219,000	1,134,000
Ind.....	1,850	1,800	1,750	495	475	420	915,750	855,000	735,000
Iowa.....	7,150	7,350	6,850	505	445	390	3,610,750	3,270,750	2,671,500
Kans.....	6,200	6,450	6,000	455	405	345	2,821,000	2,612,250	2,070,000
Ky.....	2,700	2,600	2,600	485	455	390	1,309,500	1,183,000	1,014,000
La.....	1,300	1,360	1,450	465	415	360	604,500	564,400	522,000
Maine.....	131	131	145	630	750	710	82,530	98,250	102,950
Md.....	380	390	405	645	735	675	245,100	286,650	273,375
Mass.....	104	104	96	685	785	800	71,240	81,640	76,800
Mich.....	1,310	1,340	1,450	640	660	580	838,400	884,400	841,000
Minn.....	3,750	3,800	3,880	570	585	535	2,137,500	2,223,000	2,075,800
Miss.....	1,810	1,800	1,950	405	355	295	733,050	639,000	575,250
Mo.....	5,400	5,550	5,400	485	445	375	2,619,000	2,469,750	2,025,000
Mont.....	2,645	2,675	2,900	510	495	395	1,348,950	1,324,125	1,145,500
Nebr.....	6,400	6,850	7,250	495	455	405	3,168,000	3,116,750	2,936,250
Nev.....	595	640	700	460	405	340	273,700	259,200	238,000
N.H.....	70	68	74	650	765	725	45,500	52,020	53,650
N.J.....	100	104	100	765	855	825	76,500	88,920	82,500
N. Mex.....	1,600	1,400	1,500	415	400	340	664,000	560,000	510,000
N.Y.....	1,780	1,831	1,959	805	815	705	1,432,900	1,492,265	1,381,095
N.C.....	1,080	1,160	1,160	465	415	380	502,200	481,400	440,800
N. Dak.....	2,000	1,850	2,000	535	510	430	1,070,000	943,500	860,000
Ohio.....	1,825	1,815	1,900	580	555	475	1,058,500	1,007,325	902,500
Okl.....	5,500	5,400	5,800	445	385	320	2,447,500	2,079,000	1,856,000
Oreg.....	1,575	1,750	1,900	485	460	395	763,875	805,000	750,500
Pa.....	1,950	2,000	2,100	730	750	685	1,423,500	1,500,000	1,438,500
R.I.....	8.0	8.0	8.0	695	810	770	5,560	6,480	6,160
S.C.....	625	625	700	445	385	345	278,125	240,625	241,500
S. Dak.....	4,010	4,100	3,900	500	495	400	2,005,000	2,029,500	1,560,000
Tenn.....	2,300	2,350	2,500	470	405	345	1,081,000	951,750	862,500
Tex.....	13,200	13,700	13,700	405	365	325	5,346,000	5,000,500	4,452,500
Utah.....	840	875	920	505	445	365	424,200	389,375	335,800
Vt.....	340	337	355	760	870	810	258,400	293,190	287,550
Va.....	1,750	1,750	1,850	460	465	395	805,000	813,750	730,750
Wash.....	1,579	1,450	1,580	560	550	465	884,240	797,500	734,700
W. Va.....	545	570	620	440	420	395	239,800	239,400	244,900
Wis.....	4,280	4,550	4,450	710	780	690	3,038,800	3,549,000	3,070,500
Wyo.....	1,340	1,350	1,390	510	430	365	683,400	580,500	507,350
U.S.....	111,192	114,321	115,691	502	475	415	55,831,294	54,292,044	47,978,582

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 407.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1981 and 1982

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.....	946	947	64	63	148	170	17	17	48	37
Alaska.....	2.5	3.0	1.1	1.1	8	9	5	5	1	1
Ariz.....	285	276	75	79	49	49	17	19	32	25
Ark.....	1,120	1,016	80	84	190	205	31	32	44	46
Calif.....	995	1,160	909	940	205	210	405	425	166	265
Colo.....	1,009	945	71	75	169	233	31	36	516	396
Conn.....	7	7	48	47	1	1	19	18	2	2
Del.....	5	5	10	10	1	1	4	4	3	4
Fla.....	1,333	1,220	187	190	172	188	39	45	29	56
Ga.....	829	901	130	131	139	154	43	35	43	66
Hawaii.....	80	80	13	13	19	21	7	8	16	17
Idaho.....	671	562	159	168	103	111	96	87	149	126
Ill.....	708	808	230	234	85	92	98	109	344	314
Ind.....	483	463	207	207	60	65	85	91	150	144
Iowa.....	1,834	1,735	378	389	198	192	154	157	1,008	863
Kans.....	1,897	1,826	123	124	245	227	44	59	663	620
Ky.....	1,057	1,050	243	240	149	146	104	101	75	73
La.....	721	758	112	102	100	100	35	36	29	31
Maine.....	13	16	55	58	4	6	20	23	2	2
Md.....	86	92	124	122	14	16	48	50	12	12
Mass.....	10	10	45	45	4	3	14	13	1	1
Mich.....	140	214	390	396	36	35	174	179	50	40
Minn.....	570	585	880	905	95	108	350	360	210	220
Miss.....	893	953	97	97	162	172	36	31	27	21
Mo.....	2,325	2,205	250	245	338	335	98	99	236	214
Mont.....	1,439	1,604	29	29	276	302	9	12	111	107
Nebr.....	2,039	2,148	121	122	292	327	41	43	955	1,134
Nev.....	325	359	15	16	55	57	8	8	16	18
N.H.....	5	6	29	30	2	2	12	14	1	1
N.J.....	14	14	42	41	4	4	14	14	3	1
N.Mex.....	551	565	49	55	95	96	17	21	77	93
N.Y.....	110	129	915	921	27	27	348	398	37	37
N.C.....	433	437	135	133	97	100	45	47	33	31
N. Dak.....	910	978	93	92	120	130	22	21	76	82
Ohio.....	385	388	375	382	54	55	181	185	84	80
Okla.....	2,288	2,340	112	110	335	380	40	35	325	300
Oreg.....	729	768	96	97	135	146	44	42	84	97
Pa.....	200	247	718	730	50	44	274	307	50	42
R.I.....	7	6	3.8	3.9	1	2	1.1	1.2	1	0
S.C.....	280	309	48	48	48	60	17	17	15	17
S. Dak.....	1,629	1,600	155	155	230	214	45	43	229	211
Tenn.....	950	1,010	215	215	185	220	90	110	55	80
Tex.....	5,880	5,925	320	325	950	1,010	100	110	950	930
Utah.....	344	364	80	86	61	56	42	42	29	29
Vt.....	11	13	188	187	2	4	69	76	1	1
Va.....	638	670	172	170	121	189	81	67	51	50
Wash.....	373	443	200	207	70	106	79	79	109	103
W. Va.....	259	279	36	36	55	60	13	17	11	11
Wis.....	279	257	1,820	1,830	63	53	780	783	77	80
Wyo.....	635	673	12	12	122	140	3	3	51	57
U.S.....	38,726	39,364	10,860	10,998	6,136	6,623	4,345	4,530	7,285	7,187

See footnotes at end of table.

Table 407.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1981 and 1982—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Steers, heifers, and bulls under 500 pounds	
	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.....	83	98	67	64	552	554
Alaska.....	.6	.7	1	.8	1.8	2.1
Ariz.....	361	334	26	26	230	192
Ark.....	80	88	69	69	586	560
Calif.....	814	800	76	85	1,190	1,115
Colo.....	644	560	60	51	625	729
Conn.....	2	2	2	2	22	23
Del.....	3	4	1	1	5	6
Fla.....	81	99	82	84	557	468
Ga.....	97	94	60	64	529	505
Hawaii.....	23	27	7	8	55	54
Idaho.....	314	340	40	40	458	416
Ill.....	461	468	45	53	679	722
Ind.....	277	290	38	35	500	455
Iowa.....	1,660	1,644	103	89	2,015	1,781
Kans.....	1,666	1,490	97	94	1,715	1,560
Ky.....	200	177	70	70	702	743
La.....	43	44	44	47	276	332
Maine.....	3	3	2	3	32	34
Md.....	25	36	9	9	72	68
Mass.....	4	4	2	2	24	18
Mich.....	177	190	19	20	354	376
Minn.....	690	649	55	53	950	1,000
Miss.....	42	51	59	66	484	559
Mo.....	583	587	120	124	1,600	1,611
Mont.....	146	183	85	90	580	573
Nebr.....	1,617	1,700	110	114	1,675	1,662
Nev.....	40	42	18	20	163	180
N.H.....	2	3	1	1	16	17
N.J.....	6	5	2	2	19	19
N. Mex.....	202	237	42	42	367	391
N.Y.....	35	35	22	24	337	388
N.C.....	66	64	34	36	317	312
N. Dak.....	148	160	46	50	435	487
Ohio.....	254	250	37	40	445	520
Okla.....	750	880	135	140	1,415	1,615
Oreg.....	158	205	51	49	453	496
Pa.....	262	275	42	44	404	411
R.I.....	.3	.2	.1	.1	1.8	1.8
S.C.....	37	42	19	25	161	182
S. Dak.....	385	382	82	78	1,345	1,217
Tenn.....	145	165	60	70	650	630
Tex.....	1,870	1,870	410	430	3,220	3,100
Utah.....	77	78	20	21	222	244
Vt.....	2	4	3	3	61	67
Va.....	214	176	40	42	433	486
Wash.....	257	221	29	33	333	388
W. Va.....	45	33	18	19	133	165
Wis.....	370	334	45	45	1,116	1,068
Wyo.....	97	105	42	41	388	359
U.S.....	15,519	15,509	2,547	2,619	28,904	28,862

<sup>1</sup> Preliminary.

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Table 408.—Cattle and buffalo: Number in specified countries, 1980-82<sup>1</sup>

Continent and country	1980	1981	1982 <sup>2</sup>	Continent and country	1980	1981	1982 <sup>2</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>
North America:				Europe—Cont.			
Canada.....	12,403	12,468	12,520	Bulgaria.....	1,787	1,796	1,807
Costa Rica.....	2,093	2,263	2,416	Czechoslovakia.....	4,915	5,002	5,103
Dominican Republic.....	2,153	2,155	2,157	German Dem. Rep.....	5,596	5,722	5,749
El Salvador.....	1,289	1,172	1,100	Hungary.....	1,925	1,918	1,945
Guatemala.....	2,700	2,813	2,950	Poland.....	12,164	11,377	11,500
Honduras.....	2,218	2,279	2,414	Romania.....	6,513	6,485	6,303
Mexico.....	29,500	29,600	29,900	Yugoslavia.....	5,436	5,474	5,522
Nicaragua.....	2,401	2,301	2,300	Total Eastern			
Panama <sup>3</sup> .....	1,525	1,604	1,759	Europe.....	38,336	37,774	37,929
United States <sup>4</sup> .....	111,192	114,321	115,691	Total Europe.....	132,027	130,649	129,366
Total.....	167,474	170,976	173,207	Soviet Union.....	115,100	115,057	115,700
South America:				Africa:			
Argentina.....	58,938	58,684	57,882	South Africa.....	13,573	13,200	13,475
Brazil.....	91,000	93,000	93,000	Total.....	13,573	13,200	13,475
Chile.....	3,568	3,664	3,785	Asia:			
Colombia.....	27,196	27,758	28,700	India.....	241,000	241,500	242,000
Ecuador.....	2,554	2,451	2,348	Israel.....	301	279	271
Peru.....	3,850	3,600	3,500	Japan.....	4,248	4,385	4,490
Uruguay.....	10,313	10,971	10,872	Korea, Rep. of.....	1,762	1,604	1,636
Venezuela.....	8,322	8,388	8,520	Philippines.....	4,753	4,870	4,990
Total.....	205,741	208,516	208,607	Taiwan.....	275	270	270
Europe:				Turkey.....	16,607	16,925	17,200
Belgium.....				Total.....	268,946	269,833	270,857
Luxembourg.....	3,111	3,116	2,890	Oceania:			
Denmark.....	2,944	2,921	2,890	Australia.....	26,203	25,168	24,800
France.....	23,550	23,605	22,830	New Zealand.....	8,131	8,250	8,350
Germany, Fed. Rep.				Total.....	34,334	33,418	33,150
of.....	15,050	15,069	14,999	Total selected			
Ireland.....	6,171	5,824	5,738	countries.....	937,195	941,649	944,362
Italy.....	8,808	8,836	8,904				
Netherlands.....	5,054	5,010	5,046				
United Kingdom.....	13,318	13,062	12,961				
Greece.....	930	838	797				
Total EC.....	78,936	78,281	77,055				
Austria.....	2,548	2,517	2,500				
Finland.....	1,650	1,671	1,671				
Norway.....	985	1,017	1,020				
Portugal.....	1,110	1,100	1,000				
Spain.....	4,495	4,400	4,300				
Sweden.....	1,936	1,935	1,921				
Switzerland.....	2,031	1,954	1,970				
Total other							
Western Europe.....	14,755	14,594	14,382				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> Excluding Canal Zone.

<sup>4</sup> 50 States.

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

## FOOTNOTES FOR TABLE 412

<sup>1</sup> Calves born during the year.

<sup>2</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>3</sup> Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter.

<sup>4</sup> Cattle and calves combined beginning 1967.

<sup>5</sup> Preliminary.

<sup>6</sup> Adjustments made for changes in inventory and for inshipments.

<sup>7</sup> Receipts from marketings and sale of farm slaughter.

<sup>8</sup> "Cash receipts from sales of cattle, calves, beef, and veal" plus "Value of cattle and calves slaughtered for home consumption."

<sup>9</sup> Discontinued.

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Table 409.—Calf crop: Cows and heifers that have calved and calves born, by States, 1980 and 1981

State	Cows and heifers that have calved				Calves born	
	Jan. 1		July 1		1980	1981 <sup>1</sup>
	1980	1981 <sup>1</sup>	1980	1981 <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Ala.....	919	1,010	950	980	880	870
Alaska.....	3.6	3.6			2.8	3.2
Ariz.....	330	360	375	368	300	280
Ark.....	1,150	1,200	1,120	1,140	1,030	980
Calif.....	1,747	1,904	1,900	2,035	1,630	1,710
Colo.....	925	1,080	1,000	1,055	910	900
Conn.....	57	55			53	50
Del.....	15	15			13	12
Fla.....	1,357	1,520	1,392	1,493	1,140	1,150
Ga.....	877	959	945	994	810	810
Hawaii.....	96	93			72	72
Idaho.....	790	830	800	810	770	750
Ill.....	934	938	947	975	840	890
Ind.....	715	690	730	680	660	600
Iowa.....	2,118	2,212	2,061	2,230	2,000	1,950
Kans.....	1,836	2,020	2,013	2,080	1,850	1,770
Ky.....	1,350	1,300	1,330	1,380	1,240	1,210
La.....	790	833	800	775	640	600
Maine.....	69	68			55	56
Md.....	195	210			190	180
Mass.....	55	55			45	45
Mich.....	540	530	565	610	475	500
Minn.....	1,420	1,450	1,445	1,510	1,350	1,370
Miss.....	1,000	990	1,035	1,050	880	880
Mo.....	2,540	2,575	2,550	2,550	2,420	2,370
Mont.....	1,455	1,468	1,570	1,725	1,520	1,580
Nebr.....	2,070	2,160	2,235	2,190	1,970	1,970
Nev.....	320	340			280	290
N.H.....	36	34			32	32
N.J.....	53	56			49	45
N. Mex.....	665	600	675	696	600	600
N.Y.....	997	1,025	1,008	1,045	950	960
N.C.....	545	568			490	480
N. Dak.....	1,055	1,003	1,093	1,092	1,060	1,050
Ohio.....	770	760	770	770	720	710
Okla.....	2,270	2,400	2,300	2,290	2,150	2,160
Oreg.....	775	825	820	890	705	730
Pa.....	910	918	900	960	800	850
R.I.....	5.0	4.5			4.0	4.0
S.C.....	334	328			280	280
S. Dak.....	1,685	1,784	1,865	1,830	1,750	1,720
Tenn.....	1,162	1,165	1,220	1,300	1,060	1,080
Tex.....	5,900	6,200	6,400	6,400	5,500	5,400
Utah.....	400	424			358	375
Vt.....	200	199			180	180
Va.....	880	810	988	850	800	750
Wash.....	578	573	620	600	550	530
W. Va.....	278	295			264	260
Wis.....	2,061	2,099	2,066	2,087	2,030	2,020
Wyo.....	632	647	705	720	640	650
34 States.....			47,198	48,160		
16 Other States <sup>2</sup> .....			2,743	2,844		
U.S.....	47,865	49,586	49,941	51,004	44,998	44,714

<sup>1</sup> Preliminary.<sup>2</sup> Individual State estimates not available for July 1.

Statistical Reporting Service.

Table 410.—Cattle and calves: Number on feed, by States, by quarters, 1981 and 1982 <sup>1</sup>

State	1981				1982 <sup>2</sup>	
	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>
Ariz.....	401	346	276	267	330	308
Calif.....	677	526	535	589	581	466
Colo.....	845	665	695	650	750	770
Idaho.....	249	203	213	234	232	182
Ill.....	510	490	430	380	480	490
Ind.....	280	250	200	185	240	
Iowa.....	1,370	1,230	1,140	990	1,130	1,150
Kans.....	1,100	1,100	1,260	1,150	1,110	1,130
Mich.....	160	145	125	120	135	
Minn.....	370	405	390	310	350	415
Mo.....	105	80	63	59	90	
Mont.....	64	39	40	30	53	
Nebr.....	1,640	1,450	1,410	1,460	1,640	1,570
N. Mex.....	186	145	118	90	127	
N. Dak.....	37	38	45	26	36	
Ohio.....	160	150	110	97	125	
Okla.....	325	267	258	240	270	250
Oreg.....	75	60	65	69	78	
Pa.....	78	70	43	38	75	
S. Dak.....	355	310	345	265	335	290
Tex.....	1,830	1,520	1,530	1,490	1,660	1,630
Wash.....	173	154	164	185	160	167
Wis.....	115	125	115	108	112	
23 States.....	11,105	9,768	9,570	9,032	10,099	8,818
Ala.....	33				34	
Ark.....	20				11	
Fla.....	55				90	
Ga.....	48				40	
Hawaii.....	10				14	
Ky.....	40				30	
La.....	11				11	
Md.....	18				16	
Miss.....	10				10	
Nev.....	22				24	
N.J.....	3				1	
N.Y.....	13				12	
N.C.....	30				28	
S.C.....	23				20	
Tenn.....	20				20	
Utah.....	55				48	
Va.....	32				51	
W. Va.....	6				4	
Wyo.....	40				52	
Other States.....	4				4	
U.S.....	11,598				10,619	

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. Data not available for all States in quarters where no figures are shown.

<sup>2</sup> Total for 13 States.

Statistical Reporting Service.

Table 411.—Cattle and calves: Number on feed, United States, Jan. 1, 1965-82 <sup>1</sup>

Year	Number	Year	Number	Year	Number	Year	Number
	<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>		<i>Thousands</i>
1965.....	9,979	1970.....	13,190	1975.....	10,170	1980.....	12,223
1966.....	10,582	1971.....	12,770	1976.....	12,941	1981.....	11,598
1967.....	11,268	1972.....	13,912	1977.....	12,580	1982 <sup>2</sup> .....	10,619
1968.....	11,417	1973.....	14,432	1978.....	13,472		
1969.....	12,534	1974.....	13,643	1979.....	13,274		

<sup>1</sup> Cattle and calves on feed are animals for slaughter market being fed a full ration of grain or other concentrates and are expected to produce a carcass that will grade Good or better. For 1965-71, data shown are for 39 States—the 23 shown in table 410 plus Maryland, New York, Nevada, Utah, Wyoming, and 11 southeastern States. From 1972 to date, data are for United States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 412.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1965–81**

Year	Calf crop <sup>1</sup>	Death loss		Marketings <sup>2</sup>		Cattle shipped in for feeding and breeding <sup>3</sup>	Farm slaughter	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>
1965.....	43,928	1,641	2,607	43,482	12,603	7,464	828	368
1966.....	43,537	1,625	2,424	45,038	12,488	18,624	449	216
1967.....	43,803	1,583	2,512	44,781	12,365	18,597	4622	
1968.....	44,315	1,527	2,485	45,860	12,742	19,509	568	
1969.....	45,177	1,532	2,591	45,559	12,598	19,942	486	
1970.....	45,871	1,583	2,714	46,926	12,036	20,059	462	
1971.....	46,738	1,634	2,808	49,143	12,086	22,673	456	
1972.....	47,682	1,780	3,346	51,043	12,164	24,831	503	
1973.....	49,194	2,099	4,388	48,369	11,652	24,133	570	
1974.....	50,873	2,006	4,104	48,383	9,514	18,103	729	
1975.....	50,183	2,396	4,596	54,315	12,239	20,065	750	
1976.....	47,384	1,821	3,369	55,394	12,485	21,238	722	
1977.....	45,931	2,000	4,000	56,378	12,621	23,333	700	
1978.....	43,818	1,940	3,860	54,737	11,938	23,695	550	
1979.....	42,603	1,900	3,700	47,656	10,180	21,592	430	
1980.....	44,998	1,795	3,618	45,561	10,528	20,034	401	
1981 <sup>5</sup> .....	44,714	1,648	3,254	45,807	10,380	18,144	399	

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production	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
	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965.....	34,002,808	6,751,957	8,941,775	161,277	9,103,052	2,392,942	19.90	22.00
1966.....	34,949,525	7,858,674	10,429,677	185,706	10,615,383	2,948,732	22.20	26.00
1967.....	36,122,064	8,128,910	10,549,863	175,841	10,725,704	2,882,564	22.30	26.30
1968.....	36,515,397	8,619,178	11,263,932	183,393	11,447,325	3,125,335	23.40	27.60
1969.....	37,152,803	9,872,762	12,571,611	207,307	12,778,918	3,624,109	26.20	31.60
1970.....	39,342,987	10,915,510	13,691,776	242,920	13,934,696	( <sup>9</sup> )	27.10	34.50
1971.....	39,434,379	11,631,478	14,985,864	260,669	15,246,533	.....	29.00	36.40
1972.....	41,225,193	14,166,979	18,236,654	342,486	18,579,140	.....	33.50	44.70
1973.....	44,231,455	18,138,977	22,336,212	477,818	22,814,030	.....	42.80	56.60
1974.....	42,760,575	14,905,532	17,843,774	505,841	18,349,615	.....	35.60	35.20
1975.....	40,900,606	12,804,719	17,520,176	458,250	17,978,426	.....	32.20	27.20
1976.....	41,398,356	13,826,938	19,293,597	501,630	19,795,227	.....	33.70	34.10
1977.....	40,744,829	13,977,695	20,225,347	482,340	20,707,687	.....	34.40	36.90
1978.....	39,971,171	19,553,169	28,248,127	565,081	28,813,208	.....	48.50	59.10
1979.....	38,419,977	25,993,723	34,399,556	728,436	35,127,992	.....	66.10	88.70
1980.....	40,132,896	25,364,580	31,464,413	619,018	32,083,431	.....	62.40	76.80
1981 <sup>5</sup> .....	40,855,045	23,472,653	28,936,251	621,886	29,558,137	.....	60.80	64.00

See footnotes on page 273.

**Table 413.—Cattle: Average price per 100 pounds, by grades, at Omaha, 1965–81**

Year	Steers <sup>1</sup>			Heifers <sup>1</sup>			Cows <sup>2</sup>	
	Prime	Choice	Good	Prime	Choice	Good	Commercial	Utility
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965.....	26.01	24.99	22.60	25.13	24.12	21.74	15.07	14.44
1966.....	26.66	25.71	24.00	25.76	24.83	22.85	18.44	17.83
1967.....	26.10	25.29	23.74	25.40	24.62	22.80	17.22	17.22
1968.....	27.73	26.87	24.79	26.89	25.96	23.89	17.65	17.94
1969.....	30.62	29.45	27.14	29.56	28.53	26.13	19.99	20.29
1970.....	30.22	29.36	27.04	29.42	28.51	26.42	20.94	21.32
1971.....	33.38	32.39	29.38	32.54	31.46	28.52	21.21	21.62
1972.....	36.67	35.78	33.43	35.60	34.72	32.24	24.86	25.21
1973.....	45.61	44.54	42.01	44.25	43.11	40.43	32.90	32.82
1974.....	43.13	41.89	38.71	42.11	40.97	38.00	25.45	25.56
1975.....	.....	44.61	39.45	.....	43.12	37.60	21.63	21.09
1976.....	.....	39.11	35.87	.....	37.98	34.10	26.08	25.31
1977.....	.....	40.38	36.70	.....	38.96	35.20	26.11	25.32
1978.....	.....	52.34	47.98	.....	50.30	46.11	37.80	36.78
1979.....	.....	67.67	63.05	.....	65.91	61.47	50.06	50.10
1980.....	.....	67.05	62.16	.....	64.90	61.22	44.91	45.72
1981.....	.....	63.84	59.83	.....	62.05	59.46	41.59	41.93

See footnotes on page 280.

CATTLE AND CALVES

Table 414.—Cattle and calves: Receipts at selected public stockyards, 1965-81<sup>1</sup>

Year	Chica- go	Den- ver	Fort Worth	Kan- sas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others report- ing	Total markets report- ing <sup>2</sup>
	Cattle										
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1965	1,524	799	282	1,175	2,083	736	807	1,190	1,390	7,729	17,715
1966	1,378	520	236	1,067	2,019	679	790	1,204	1,279	7,301	16,473
1967	1,285	208	210	945	1,849	621	789	1,238	1,214	8,214	16,573
1968	1,148	157	195	841	1,675	563	805	1,253	1,205	8,864	16,706
1969	1,080	109	170	717	1,419	492	781	1,125	982	8,435	15,310
1970	923	61	141	600	1,322	422	709	953	934	9,490	15,555
1971	420	35	121	515	1,240	399	427	899	758	8,670	13,484
1972		16	122	437	1,165	360	373	916	748	9,141	13,278
1973		( <sup>5</sup> )	130	396	1,086	308	337	855	814	8,792	12,718
1974			130	434	1,230	355	347	980	943	8,580	12,999
1975			190	522	1,227	418	399	1,178	1,029	10,304	15,267
1976			123	384	1,089	424	323	1,112	946	9,538	13,939
1977			139	352	1,092	390	296	846	765	9,687	13,567
1978			108	313	829	358	252	754	707	8,271	11,592
1979			63	296	721	268	200	645	693	7,306	10,192
1980			50	207	746	258	196	603	566	7,103	9,729
1981			42	245	742	241	183	573	554	6,537	9,117
	Calves										
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1965	4	57	105	109	87	61	17	351	165	1,533	2,489
1966	3	40	112	83	76	41	18	305	163	1,294	2,135
1967	2	38	122	77	80	33	24	313	156	1,115	1,960
1968	1	47	121	78	56	31	22	256	123	858	1,593
1969		32	122	60	40	33	23	199	78	873	1,460
1970		8	110	52	34	33	26	140	39	747	1,189
1971		4	102	49	23	22	30	125	47	664	1,066
1972		3	96	61	12	15	30	126	27	571	941
1973		( <sup>5</sup> )	84	48	14	10	22	107		539	824
1974			82	39	32	16	21	105		342	637
1975			90	53	27	19	11	136		414	750
1976			81	32	24	13	8	156		419	733
1977			73	27	( <sup>6</sup> )	11	5	113		402	631
1978			54	45		9	5	85		126	324
1979			31	( <sup>7</sup> )		7	5	70		82	193
1980			44			5	5	59		67	182
1981			42			4	5	57		46	154

<sup>1</sup>Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. <sup>2</sup>Rounded totals of the complete figures. <sup>3</sup>The number of stockyards varies from 23 to 46. <sup>4</sup>Market closed Aug. 1, 1981. <sup>5</sup>Data not longer reported. <sup>6</sup>Cattle and calves combined in 1977. <sup>7</sup>Cattle and calves combined in 1979.

Agricultural Marketing Service. Compiled from reports received from stockyard companies

Table 415.—Cattle and calves: Number slaughtered, United States, 1965-81

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federal- ly inspec- ted	Other	Total <sup>1</sup>			Federal- ly inspec- ted	Other	Total <sup>1</sup>		
Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1965	26,614	5,733	32,347	824	33,171	5,076	2,344	7,420	368	7,788
1966	27,319	6,408	33,727	444	34,171	4,432	2,215	6,647	214	6,861
1967	27,780	6,089	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	30,537	4,700	35,237	339	35,576	3,637	1,226	4,863	146	5,009
1970	30,793	4,282	35,025	329	35,354	3,024	1,048	4,072	131	4,203
1971	31,419	4,166	35,585	310	35,895	2,806	883	3,689	132	3,821
1972	32,267	3,512	35,779	304	36,083	2,421	632	3,053	131	3,184
1973	30,521	3,166	33,687	340	34,026	1,808	441	2,249	127	2,376
1974	33,319	3,493	36,812	515	37,327	2,355	632	2,987	185	3,172
1975	36,904	4,008	40,911	553	41,464	3,894	1,316	5,209	197	5,406
1976	38,992	3,663	42,654	542	43,196	4,438	912	5,350	178	5,528
1977	38,717	3,139	41,856	525	42,381	4,696	821	5,517	175	5,692
1978	36,948	2,605	39,552	418	39,970	3,620	550	4,170	132	4,302
1979	31,504	2,174	33,678	327	34,005	2,499	225	2,824	103	2,927
1980	31,642	2,164	33,807	309	34,116	2,294	394	2,588	91	2,679
1981	32,819	2,135	34,953	312	35,265	2,478	320	2,798	88	2,886

See footnotes on page 280.

Table 416.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1981 (preliminary) <sup>1</sup>

State	Marketing <sup>2</sup>		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>	Value of production	Cash receipts from sales of cattle, calves, beef, and veal <sup>5</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>6</sup>
	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
Ala.....	549	236	75	6	653,260	322,915	323,516	9,654	333,170
Alaska.....	4	1	3	1.2	1,680	1,107	552	397	949
Ariz.....	773	85	567	2	554,435	343,115	520,672	4,135	524,807
Ark.....	644	318	1	13	624,120	317,971	338,748	22,300	361,048
Calif.....	1,946	265	1,001	20	1,748,325	1,013,083	1,269,611	17,127	1,286,738
Colo.....	2,588	95	1,807	4	1,464,360	917,598	1,696,557	7,144	1,703,701
Conn.....	23	22	2	1	27,005	13,671	14,091	1,176	15,267
Del.....	3	3	0	1	6,785	3,769	2,035	768	2,803
Fla.....	400	831	62	6	567,810	315,152	371,764	7,821	379,585
Ga.....	411	239	25	5	516,430	248,792	212,093	8,580	220,673
Hawaii.....	56	0	0	1	59,920	32,567	28,438	694	29,132
Idaho.....	905	216	340	9	764,650	440,837	614,379	10,779	625,158
Ill.....	1,047	180	600	8	912,980	533,731	640,334	32,269	672,603
Ind.....	673	92	200	6	567,945	320,018	389,830	16,450	406,280
Iowa.....	3,959	171	1,900	7	2,871,150	1,668,126	2,502,401	26,606	2,529,007
Kans.....	4,077	77	2,130	6	2,753,420	1,622,505	2,617,431	12,166	2,629,597
Ky.....	764	370	68	9	817,410	427,717	439,466	17,207	456,673
La.....	222	232	2	2	323,980	166,850	140,642	4,584	145,226
Maine.....	21	15	7	2	31,780	16,078	9,755	3,010	12,765
Md.....	73	88	10	3	106,000	60,126	49,833	6,822	56,655
Mass.....	24	22	1	1	24,040	12,101	13,100	1,290	14,390
Mich.....	332	40	110	8	425,410	213,308	182,237	16,589	198,826
Minn.....	1,636	129	700	15	1,486,740	762,374	948,167	20,309	968,476
Miss.....	362	322	39	5	495,720	247,510	205,800	10,018	215,818
Mo.....	1,722	653	40	10	1,715,505	1,013,550	1,089,450	19,835	1,109,285
Mont.....	779	575	109	10	1,096,755	590,731	506,095	9,056	515,151
Nebr.....	3,877	110	2,600	3	2,891,770	1,803,725	2,676,393	11,214	2,687,607
Nev.....	134	92	30	5	198,935	106,209	89,580	2,659	92,239
N.H.....	10	13	1	1	17,390	8,500	5,098	1,426	6,524
N.J.....	19	27	5	3	28,460	15,616	7,220	11,730	18,950
N.Mex.....	813	127	500	5	501,770	265,611	384,122	4,400	388,522
N.Y.....	225	481	21	11	410,540	195,115	151,315	10,790	162,105
N.C.....	225	206	5	6	285,705	135,307	118,680	16,978	135,658
N.Dak.....	583	305	52	6	806,420	455,898	400,196	7,939	408,135
Ohio.....	605	103	175	7	600,650	314,613	336,698	16,945	353,643
Okla.....	2,647	188	1,300	10	2,167,990	1,252,432	1,481,452	22,848	1,504,300
Oreg.....	407	181	130	32	577,395	307,430	274,170	20,124	294,294

Pa.....	455	295	125	15	573,105	310,418	291,454	18,409	309,863
R. I.....	1.9	1.6	.3	.2	1,875	947	901	163	1,064
S. C.....	102	87	15	4	178,685	88,693	65,032	3,656	68,688
S. Dak.....	1,818	403	425	4	1,782,090	1,064,121	1,270,975	12,529	1,283,504
Tenn.....	532	348	97	7	623,845	295,707	253,090	15,221	268,311
Tex.....	6,520	438	2,050	22	5,374,950	3,354,132	4,065,931	42,998	4,108,929
Utah.....	225	98	47	6	318,340	173,149	149,850	8,833	158,683
Vt.....	51	93	14	3	64,700	34,689	31,621	3,053	34,674
Va.....	345	215	11	9	499,470	257,163	215,005	15,390	230,395
Wash.....	495	100	326	50	515,730	322,978	349,475	49,497	398,972
W. Va.....	84	80	3	7	135,580	71,144	49,285	6,174	55,459
Wis.....	849	1,001	115	20	1,136,825	689,435	736,432	28,513	764,945
Wyo.....	750	111	300	2	545,210	324,321	405,283	3,611	408,894
U.S.....	45,807	10,380	18,144	399	40,855,045	23,472,653	28,936,251	621,886	29,558,137

<sup>1</sup>Balance sheet estimates by States; the sum of inventory Jan. 1, 1981, calf crop and inshipments is equal to the sum of marketings, farm slaughter, deaths and inventory Jan. 1, 1982.

<sup>2</sup>Includes custom slaughter for use on farms where produced, State outshipments, but excludes interfarm sales with the State.

<sup>3</sup>Excludes custom slaughter for farmers at commercial establishments.

<sup>4</sup>Adjustment made for changes in inventory and for inshipments.

<sup>5</sup>Includes receipts from marketings and sales of farm-slaughtered meat.

<sup>6</sup>Includes each receipts from sales of cattle, calves, and beef and veal plus value of cattle and calves slaughtered for home consumption.

Statistical Reporting Service.

**Table 417.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers (live weight), 1965-81**

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>
1965	26,641	1,016	21.37	5,076	203	20.99
1966	27,319	1,031	23.34	4,432	201	25.51
1967	27,780	1,039	23.43	4,002	191	25.94
1968	29,592	1,030	24.63	3,876	195	27.40
1969	30,537	1,030	27.25	3,637	197	30.91
1970	30,793	1,049	27.79	3,024	199	33.06
1971	31,419	1,040	30.05	2,806	206	34.56
1972	32,267	1,048	33.50	2,421	210	41.67
1973	30,521	1,054	42.10	1,808	207	52.17
1974	33,319	1,052	39.37	2,355	211	37.88
1975	36,904	1,009	38.08	3,894	227	28.53
1976	38,992	1,030	36.33	4,438	223	34.43
1977	38,717	1,033	( <sup>1</sup> )	4,696	207	( <sup>1</sup> )
1978	36,948	1,043	.....	3,620	206	.....
1979	31,504	1,068	.....	2,499	210	.....
1980	31,642	1,080	.....	2,294	214	.....
1981	32,819	1,083	.....	2,478	218	.....

<sup>1</sup>Discontinued as of January 1977.  
Statistical Reporting Service.

**Table 418.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1965-81**

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>	
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	15,284	499	51.6	19.6	27.1	46.7	1.6
1970	16,608	5,373	8,304	13,677	507	53.9	17.4	27.1	44.5	1.6
1971	17,003	5,627	8,229	13,856	560	54.1	17.9	26.2	44.1	1.8
1972	17,749	5,402	8,535	13,937	583	55.0	16.7	26.5	43.2	1.8
1973	16,604	5,659	7,645	13,304	613	54.4	18.5	25.1	43.6	2.0
1974	17,824	6,794	7,960	14,754	741	53.5	20.4	23.9	44.3	2.2
1975	16,071	10,420	9,419	19,839	994	43.6	28.2	25.5	53.7	2.7
1976	17,266	9,703	11,116	20,819	907	44.2	24.9	28.6	53.5	2.3
1977	17,892	9,128	10,866	19,994	832	46.2	23.6	28.1	51.7	2.1
1978	17,308	7,913	10,981	18,894	746	46.9	21.4	29.7	51.1	2.0
1979	16,258	5,546	9,112	14,658	586	51.6	17.6	28.9	46.5	1.9
1980	16,059	5,925	8,980	14,905	679	50.8	18.7	28.4	47.1	2.1
1981	16,436	6,221	9,416	15,637	726	50.1	19.0	28.7	47.7	2.2

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 413

<sup>1</sup>900 to 1,100 pound weight range; simple average of price range.

<sup>2</sup>All weights; simple average of price range.

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 415

<sup>1</sup>Totals are based on unrounded numbers.

Statistical Reporting Service.



Table 419.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1981 <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>
Ala.....	225.0	221,458	984	5.3	2,223	423
Ariz.....	384.8	399,042	1,037	3.5	328	93
Ark.....	137.4	123,961	902	5.9	2,481	424
Calif.....	1,858.8	2,040,953	1,098	211.8	46,069	218
Colo.....	1,507.2	1,563,833	1,038	.2	77	352
Del. and Md.....	65.4	71,527	1,094	26.0	8,663	333
Fla.....	339.8	334,460	984	114.3	34,471	302
Ga.....	210.4	189,361	900	30.8	6,737	219
Hawaii.....	54.6	51,572	944			
Idaho.....	841.9	935,621	1,111	.4	141	370
Ill.....	1,095.4	1,149,284	1,049	187.7	48,174	257
Ind.....	330.6	332,411	1,006	62.1	21,992	354
Iowa.....	3,370.9	3,696,839	1,097			
Kans.....	3,618.8	3,950,914	1,092	.3	93	318
Ky.....	194.0	183,099	944	.8	217	269
La.....	149.8	127,665	852	88.9	40,753	459
Mich.....	502.9	602,668	1,198	80.3	20,425	254
Minn.....	1,023.2	1,161,667	1,135	5.2	1,037	200
Miss.....	237.4	214,018	901	23.4	13,120	560
Mo.....	786.1	839,592	1,068	8.8	3,101	351
Mont.....	134.4	145,865	1,086	.2	65	269
Nebr.....	5,919.7	6,537,571	1,104			
Nev.....	5.1	5,450	1,063	.1	29	301
N. Eng. <sup>2</sup> .....	84.8	94,769	1,117	174.0	19,190	110
N.J.....	134.6	170,137	1,264	86.0	28,682	333
N. Mex.....	165.3	161,324	976			
N.Y.....	275.6	315,633	1,145	635.8	95,893	151
N.C.....	108.5	102,350	943	3.6	1,238	346
N. Dak.....	165.7	175,693	1,060	.4	184	469
Ohio.....	611.3	651,712	1,066	10.6	3,097	293
Okla.....	468.7	470,317	1,003	8.5	3,921	463
Oreg.....	128.4	142,487	1,110	6.9	2,824	408
Pa.....	761.8	862,058	1,132	256.0	42,141	165
S.C.....	127.5	122,933	964	28.0	11,801	422
S. Dak.....	600.3	652,391	1,087	.3	78	277
Tenn.....	289.9	268,102	925	27.8	5,817	209
Tex.....	5,847.4	5,958,083	1,019	252.2	126,929	503
Utah.....	204.0	223,682	1,097	.2	54	346
Va.....	134.1	137,701	1,027	22.0	8,703	396
Wash.....	744.4	843,745	1,133	33.1	5,960	180
W. Va.....	38.6	36,528	946	.5	176	329
Wis.....	1,054.8	1,281,444	1,215	396.4	91,215	230
Wyo.....	14.2	15,327	1,082			
U.S.....	34,953.4	37,565,247	1,075	2,798.3	698,115	249

<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. Totals may not add due to rounding.

<sup>2</sup>Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

**Table 420.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, 1965-81<sup>1</sup>**

Year	Steer beef		Heifer beef		Cow beef, all weights	
	Choice 700-800 lb.	Good 600-700 lb.	Choice 500-600 lb.	Good 500-600 lb.	Utility Breaking	Canner and Cutter
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965.....	40.48	38.12	39.01	37.08	27.90	28.62
1966.....	40.28	38.90	39.38	37.80	33.48	35.44
1967.....	41.01	39.26	40.16	38.36	32.82	35.94
1968.....	43.84	41.35	42.76	40.56	34.68	37.30
1969.....	47.75	44.92	46.62	44.09	38.71	41.58
1970.....	46.82	44.74	46.26	43.89	39.86	44.72
1971.....	52.39	48.60	51.72	47.97	41.01	45.63
1972.....	55.34	52.90	54.56	51.94	45.97	51.41
1973.....	67.41	64.58	66.44	63.17	58.98	65.78
1974.....	67.09	62.56	66.51	61.93	46.73	53.48
1975.....	73.64	67.88	71.62	65.87	43.20	43.09
1976.....	60.96	58.24	59.75	56.81	49.36	52.00
1977 <sup>2</sup> .....	62.66	58.21	60.94	56.20	45.51	51.55
1978.....	80.80	76.06	78.58	73.00	65.37	74.61
1979.....	101.72	97.32	100.00	95.49	85.64	100.48
1980.....	104.39	100.66	101.86	97.96	79.86	92.45
1981.....	99.85	96.85	97.48	94.55	75.47	84.06

<sup>1</sup>Chicago prices through 1975, with 1975 reflecting only a Jan.-Sept. average. Midwest prices start with 1976.

<sup>2</sup>Midwest prices; Chicago now included in Midwest Report.

Agricultural Marketing Service.

**Table 421.—Hogs and pigs: Number and value, United States, Dec. 1, 1965-81**

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
		<i>Thousands</i>	<i>Dollars</i>			<i>1,000 dollars</i>	<i>Thousands</i>
1965.....	50,519	( <sup>1</sup> )	( <sup>1</sup> )	1974.....	54,693	44.90	2,457,052
1966.....	57,125	( <sup>1</sup> )	( <sup>1</sup> )	1975.....	49,267	80.40	3,959,360
1967.....	58,818	28.30	1,662,793	1976.....	54,934	47.00	2,582,568
1968.....	60,829	30.50	1,857,226	1977.....	56,539	63.20	3,575,279
1969.....	57,046	39.00	2,224,643	1978.....	60,356	83.20	5,023,454
1970.....	67,285	23.50	1,583,712	1979.....	67,353	56.10	3,774,920
1971.....	62,412	28.50	1,779,619	1980.....	64,512	74.70	4,820,793
1972.....	59,017	42.00	2,477,260	1981 <sup>2</sup> .....	58,691	70.10	4,115,148
1973.....	60,614	60.40	3,663,168				

<sup>1</sup>Data not available.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 422.—Hogs and pigs: Number and value, by States, Dec. 1, 1979–81

State	Number			Value					
	1979	1980	1981 <sup>1</sup>	Value per head			Total value		
				1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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>
Ala.....	880	800	540	41.50	61.50	57.50	36,520	49,200	31,050
Alaska.....	1.10	1.80	2.80	124.50	141.00	140.00	137	254	392
Ariz.....	149	180	170	59.50	66.00	74.50	8,866	11,880	12,665
Ark.....	600	720	600	51.00	65.50	73.50	30,600	47,160	44,100
Calif.....	180	180	160	70.50	80.50	83.00	12,690	14,490	13,280
Colo.....	430	310	330	55.00	72.00	69.00	23,650	22,320	22,770
Conn.....	11	12	10	63.50	73.50	82.50	699	882	825
Del.....	50	56	40	51.50	74.00	67.00	2,575	4,144	2,680
Fla.....	125	370	257	54.00	57.50	70.00	22,950	21,275	17,990
Ga.....	2,360	2,300	1,520	46.00	66.50	63.50	108,560	152,950	96,520
Hawaii.....	53	57	55	102.00	114.00	116.00	5,406	6,498	6,380
Idaho.....	135	175	150	54.50	65.00	69.00	7,358	11,375	10,350
Ill.....	6,950	6,600	6,450	58.00	74.50	70.50	403,100	491,700	454,725
Ind.....	4,850	4,600	4,100	54.50	78.00	76.50	264,325	358,800	313,650
Iowa.....	16,200	16,100	16,300	60.50	83.00	74.50	980,100	1,336,300	1,214,350
Kans.....	2,090	1,900	1,770	51.00	64.50	63.00	106,590	122,550	111,510
Ky.....	1,470	1,220	1,040	52.00	73.50	69.50	76,440	89,670	72,280
La.....	140	160	130	51.00	59.50	66.50	7,140	9,520	8,645
Maine.....	13	16	10	61.50	74.00	81.00	800	1,184	810
Md.....	235	235	250	50.50	76.50	67.50	11,868	17,978	16,875
Mass.....	60	49	49	55.50	74.50	79.50	3,330	3,651	3,896
Mich.....	1,040	830	690	59.00	79.50	73.00	61,360	65,985	50,370
Minn.....	4,900	5,100	4,300	59.00	77.50	67.50	289,100	395,250	290,250
Miss.....	405	410	370	47.50	69.50	59.50	19,238	28,495	22,015
Mo.....	4,650	3,980	3,400	56.00	74.00	61.50	260,400	294,520	209,100
Mont.....	209	250	200	53.50	63.50	60.50	11,182	15,875	12,100
Nebr.....	4,150	3,900	4,100	60.50	79.00	74.50	251,075	308,100	305,450
Nev.....	11	12	13	60.00	66.50	64.00	660	798	832
N.H.....	9.9	9.9	9.4	58.50	77.00	73.50	579	762	691
N.J.....	69	68	45	61.00	77.50	80.00	4,209	5,270	3,600
N.Mex.....	87	74	62	56.50	62.00	74.00	4,916	4,588	4,588
N.Y.....	139	175	165	50.50	64.50	72.50	7,020	11,288	11,963
N.C.....	2,650	2,460	1,980	45.50	62.50	64.00	120,575	153,750	126,720
N.Dak.....	370	265	280	55.50	65.50	58.50	20,535	17,358	16,380
Ohio.....	2,120	2,150	2,050	56.50	66.50	66.00	119,780	142,975	135,300
Okla.....	370	350	245	49.50	57.50	63.00	18,315	20,125	15,435
Oreg.....	120	120	78	60.00	71.00	67.00	7,200	8,520	5,226
Pa.....	870	980	750	58.00	65.00	74.50	50,460	63,700	55,875
R.I.....	9.9	7.3	5.6	59.00	72.00	81.50	584	526	456
S.C.....	650	700	490	45.50	62.50	61.00	29,575	43,750	29,890
S. Dak.....	2,000	1,860	1,710	57.50	72.50	65.50	115,000	134,850	112,005
Tenn.....	1,400	1,140	900	50.00	68.00	66.50	70,000	77,520	59,850
Tex.....	910	930	700	46.50	66.00	65.00	42,315	61,380	45,500
Utah.....	55	58	40	46.50	63.00	66.50	2,558	3,654	2,660
Vt.....	8.5	8	9	63.00	86.00	89.00	536	688	801
Va.....	850	750	640	54.00	71.50	68.00	45,900	53,625	43,520
Wash.....	100	100	60	62.50	71.50	68.00	6,250	7,150	4,080
W. Va.....	56	73	52	57.00	71.50	71.00	3,192	5,220	3,692
Wis.....	1,830	1,680	1,380	53.00	71.00	64.50	96,990	119,280	89,010
Wyo.....	32	30	33	53.50	67.00	62.00	1,712	2,010	2,046
U.S.....	67,353	64,512	58,691	56.10	74.70	70.10	3,774,920	4,820,793	4,115,148

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 423.—Sows farrowing and pig crop: Number, United States, 1965-81

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
1965	5,890	5,006	42,526	36,415	78,941	1974	6,315	5,476	44,792	38,952	83,744
1966	6,208	5,810	45,471	42,132	87,603	1975	4,973	4,952	35,530	35,656	71,186
1967	6,559	5,901	48,117	43,551	91,668	1976	5,777	5,850	42,177	42,218	84,395
1968	6,659	6,130	49,077	45,078	94,155	1977	6,050	6,009	42,960	43,202	86,162
1969	6,323	5,745	46,521	42,155	88,676	1978	6,034	6,398	42,481	46,031	88,512
1970	7,107	6,876	52,126	49,588	101,714	1979	7,179	7,306	50,571	52,120	102,691
1971	7,237	6,339	51,918	46,006	97,924	1980	7,229	6,829	52,286	49,256	101,542
1972	6,498	5,973	47,523	43,051	90,574	1981 <sup>1</sup>	6,440	6,258	47,600	46,176	93,776
1973	6,438	5,869	46,125	41,998	88,123						

<sup>1</sup> Preliminary.  
Statistical Reporting Service.

Table 424.—Hogs and pigs: Number for breeding and market, United States, 1965-81

Year	All hogs and pigs	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	Thousands	
1965	52,968	7,915	23,468	10,320	6,695	3,437	1,133	45,053	
1966	56,197	8,752	25,328	10,822	6,718	3,385	1,132	47,445	
1967	59,366	8,988	26,025	11,891	7,371	3,802	1,289	50,378	
1968	60,531	9,252	26,012	11,885	7,779	4,167	1,436	51,279	
1969	58,727	9,205	24,012	12,009	7,769	4,346	1,377	49,522	
1970	64,639	10,630	27,294	12,865	8,050	4,376	1,424	54,009	
1971	65,718	9,748	26,489	13,828	8,765	5,257	1,631	55,970	
1972	60,626	9,147	24,616	12,663	8,018	4,757	1,425	51,479	
1973	59,571	8,988	24,332	12,044	8,136	4,782	1,289	50,583	
1974	58,878	8,823	23,654	12,059	7,737	4,920	1,685	50,055	
1975	47,360	7,358	18,396	9,914	6,851	4,271	1,070	40,502	
1976	53,930	8,388	21,798	11,160	7,205	4,365	1,014	45,542	
1977	54,460	8,687	21,558	10,892	7,679	4,592	1,051	45,772	
1978 <sup>1</sup>	55,240	8,857	20,934	11,309	8,013	5,016	1,111	46,383	
1979	65,020	10,368	25,223	13,186	9,197	7,046		54,652	
1980	65,255	9,481	25,002	13,550	9,781	7,441		55,774	
1981 <sup>2</sup>	59,740	8,358	23,069	12,204	9,041	7,068		51,382	
Dec. 1									
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	
1965	50,519	8,224	15,344	11,470	8,690	5,157	1,634	42,295	
1966	57,125	8,862	17,317	12,827	9,955	6,094	2,070	48,263	
1967	58,818	9,186	18,019	13,413	9,857	6,238	2,105	49,632	
1968	60,829	9,472	18,492	13,926	10,563	6,300	2,076	51,357	
1969	57,046	9,189	17,522	13,004	9,666	5,775	1,890	47,857	
1970	67,285	9,645	21,288	15,612	11,424	6,925	2,391	57,640	
1971	62,421	8,475	19,912	14,359	10,835	6,626	2,205	53,937	
1972	59,017	8,650	19,303	13,395	10,187	5,783	1,699	50,367	
1973	60,164	8,605	20,142	13,715	10,223	6,103	1,826	52,009	
1974	54,693	7,389	17,732	12,495	9,685	5,740	1,652	47,304	
1975	49,267	7,574	16,255	11,047	8,049	4,837	1,505	41,693	
1976	54,934	8,011	18,714	12,307	8,932	5,292	1,678	46,923	
1977	56,539	8,604	19,424	12,399	9,111	5,495	1,507	47,936	
1978 <sup>1</sup>	60,356	9,605	21,244	13,086	9,443	6,979		50,751	
1979	67,353	9,655	22,845	15,437	11,284	8,133		57,699	
1980	64,512	9,148	22,139	13,982	11,000	8,243		55,364	
1981 <sup>2</sup>	58,691	7,844	19,465	12,924	10,453	8,005		50,847	

<sup>1</sup> The 180-219 pounds and 220 pounds and over market hog weight groups combined into the 180 pounds and over weight group starting Dec. 1978.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 425.—Hogs: Number in specified countries, 1980-82<sup>1</sup>

Continent and country	1980	1981	1982 <sup>2</sup>	Continent and country	1980	1981	1982 <sup>2</sup>
	<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>
<b>North America:</b>				<b>Europe—Cont.</b>			
Canada .....	9,688	9,554	9,270	Bulgaria .....	3,830	3,805	3,844
Costa Rica .....	223	240	243	Czechoslovakia .....	7,588	7,894	7,302
Dominican Republic .....	250	50	100	German Dem. Rep. ....	12,132	12,871	12,869
El Salvador .....	450	450	450	Hungary .....	8,355	8,330	8,300
Guatemala .....	1,133	1,140	1,146	Poland .....	20,983	18,734	19,000
Honduras .....	572	580	590	Romania .....	10,899	11,542	12,464
Mexico .....	12,750	12,900	13,600	Yugoslavia .....	7,502	7,867	7,702
Nicaragua .....	500	510	520	<b>Total Eastern</b>			
Panama <sup>3</sup> .....	195	202	206	Europe .....	71,289	71,043	71,481
United States <sup>4</sup> .....	67,353	64,512	58,691	<b>Total Europe .....</b>	<b>173,894</b>	<b>174,697</b>	<b>175,542</b>
<b>Total .....</b>	<b>93,114</b>	<b>90,138</b>	<b>84,816</b>	<b>Soviet Union .....</b>	<b>73,898</b>	<b>73,382</b>	<b>73,200</b>
<b>South America:</b>				<b>Africa:</b>			
Argentina .....	4,000	3,900	3,900	<b>South Africa .....</b>	<b>1,318</b>	<b>1,348</b>	<b>1,400</b>
Brazil .....	36,500	35,000	33,500	<b>Total .....</b>	<b>1,318</b>	<b>1,348</b>	<b>1,400</b>
Chile .....	1,037	1,068	1,150	<b>Asia:</b>			
Colombia .....	2,030	2,112	2,100	India .....	9,800	10,000	10,500
Ecuador .....	3,693	3,961	4,181	Japan .....	9,998	10,083	10,090
Peru .....	2,050	2,050	2,000	Korea, Rep. of .....	2,843	1,761	2,140
Venezuela .....	450	450	430	Philippines .....	7,934	8,330	8,754
	2,200	1,994	2,190	Taiwan .....	3,500	3,550	3,550
<b>Total .....</b>	<b>51,960</b>	<b>50,535</b>	<b>49,451</b>	<b>Total .....</b>	<b>34,075</b>	<b>33,724</b>	<b>35,034</b>
<b>Europe:</b>				<b>Oceania:</b>			
Belgium-Luxembourg .....	5,067	5,099	5,155	Australia .....	2,518	2,430	2,400
Denmark .....	9,527	9,596	9,785	New Zealand .....	434	440	444
France .....	11,438	11,963	11,795	<b>Total .....</b>	<b>2,952</b>	<b>2,870</b>	<b>2,844</b>
Germany, Fed. Rep. of .....	22,374	22,553	22,332	<b>Total selected</b>			
Greece .....	1,042	995	1,290	countries .....	<b>431,211</b>	<b>426,694</b>	<b>422,287</b>
Ireland .....	1,120	1,096	1,090				
Italy .....	8,807	8,928	9,001				
Netherlands .....	9,746	10,196	10,193				
United Kingdom .....	7,794	7,770	7,871				
<b>Total EC .....</b>	<b>76,915</b>	<b>78,196</b>	<b>78,512</b>				
Austria .....	4,004	3,706	3,800				
Finland .....	1,341	1,407	1,478				
Norway .....	664	690	700				
Portugal .....	3,500	3,600	3,750				
Spain .....	11,263	11,250	11,000				
Sweden .....	2,714	2,734	2,750				
Switzerland .....	2,204	2,071	2,071				
<b>Total Western</b>							
Europe .....	<b>25,690</b>	<b>25,458</b>	<b>25,549</b>				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> Excluding Canal Zone.

<sup>4</sup> 50 States.

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

Table 426.—Sows farrowing and pig crop: Number, by States, 1980 and 1981

State	Sows farrowing				Pig crop					
	1980		1981		1980			1981		
	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>
Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.....	101	98	75	66	707	715	422	495	515	1,010
Alaska.....	17	21	28	35	120	140	260	160	200	360
Ariz.....	19	20	19	18	137	144	281	148	137	285
Ark.....	73	95	56	75	540	694	1,234	448	585	1,033
Calif.....	23	21	20	18	161	151	312	142	126	268
Colo.....	55	34	42	32	418	238	656	294	240	534
Conn.....	2.0	2.2	1.3	1.5	14	14	28	9	11	20
Del.....	5.5	5.5	5.0	4.5	39	39	78	35	29	64
Fla.....	56	41	41	33	409	267	676	295	234	529
Ga.....	235	209	188	157	1,680	1,416	3,096	1,354	1,128	2,482
Hawaii.....	5.6	5.5	5.6	5.8	39	37	76	38	40	78
Idaho.....	14	14	13	14	101	112	213	99	112	211
Ill.....	780	725	715	720	5,460	5,002	10,462	5,114	5,129	10,243
Ind.....	445	440	425	420	3,194	3,230	6,424	3,146	3,104	6,250
Iowa.....	1,660	1,595	1,600	1,620	12,026	11,613	23,639	11,915	12,069	23,984
Kans.....	221	197	197	189	1,646	1,426	3,072	1,507	1,431	2,938
Ky.....	155	146	119	124	1,071	1,011	2,082	842	905	1,747
La.....	14	18	12	14	90	117	207	84	88	172
Maine.....	2.0	2.0	2.0	1.0	13	14	27	14	7	21
Md.....	25	23	29	30	183	175	358	217	219	436
Mass.....	4.0	6.0	4.0	5.0	30	35	65	26	32	58
Mich.....	112	95	86	75	773	646	1,419	662	563	1,225
Minn.....	615	580	530	490	4,612	4,324	8,936	3,978	3,623	7,601
Miss.....	42	42	40	36	298	281	579	268	256	524
Mo.....	505	480	440	440	3,715	3,360	7,075	3,242	3,172	6,414
Mont.....	26	25	24	22	185	185	370	180	154	334
Nebr.....	450	405	415	430	3,310	2,980	6,290	3,097	3,172	6,269
Nev.....	1.3	1.2	1.4	1.3	9.1	9.0	18.1	9.1	9.1	18.2
N.H.....	1.0	1.1	1.0	1.0	7.7	7.7	15.4	7.0	7.5	14.5
N.J.....	3.4	3.4	2.5	2.8	20	22	42	15	15	30
N. Mex.....	6.0	9.0	6.5	6.0	42	68	110	48	42	90
N.Y.....	13	15	10	15	100	120	220	79	123	202
N.C.....	295	262	240	215	2,181	1,926	4,057	1,800	1,636	3,436
N. Dak.....	34	28	33	32	245	210	455	238	237	475
Ohio.....	210	218	192	198	1,533	1,646	3,179	1,451	1,523	2,974
Okla.....	38	36	32	23	277	270	547	240	175	415
Oreg.....	13	14	11	10	107	118	225	84	80	164
Pa.....	87	85	83	63	653	629	1,282	664	491	1,155
R.I.....	5	8	5	5	30	54	84	31	36	67
S.C.....	69	72	60	49	449	511	960	390	343	733
S. Dak.....	216	196	188	168	1,607	1,426	3,033	1,414	1,243	2,657
Tenn.....	160	145	115	100	1,088	1,015	2,103	828	740	1,568
Tex.....	91	97	75	63	640	690	1,330	543	426	969
Utah.....	5.0	8.0	4.0	4.5	35	48	83	30	32	62
Vt.....	2.5	2.7	2.0	1.4	18	18	36	15	11	26
Va.....	92	85	78	72	644	587	1,231	562	497	1,059
Wash.....	16	11	6.0	7.0	117	88	205	48	57	105
W. Va.....	9.0	6.8	6.7	4.1	61	52	113	50	30	80
Wis.....	218	205	185	177	1,625	1,543	3,168	1,408	1,349	2,757
Wyo.....	3.3	2.9	3.1	3.2	22	19	41	23	23	46
U.S.....	7,229	6,829	6,440	6,258	52,286	49,256	101,542	47,600	46,176	93,776

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 427.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1965-81**

Year	Marketings <sup>1</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>2</sup>	Quantity produced (live weight) <sup>3</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
1965 <sup>7</sup> .....	78,127	2,364	2,678	18,252,141	3,572,557	3,607,520	125,227	3,732,747	35,712	19.60
1966.....	75,761	2,489	1,375	19,148,989	4,491,765	4,169,060	145,451	4,314,511	46,424	23.50
1967.....	85,256	2,855	1,301	20,636,444	3,940,225	3,809,203	112,051	3,921,254	43,327	19.10
1968.....	87,726	3,181	1,262	21,034,221	3,897,369	3,777,013	104,746	3,881,759	50,876	18.50
1969.....	88,074	3,092	1,134	20,600,325	4,561,454	4,586,965	113,315	4,700,280	55,878	22.20
1970.....	86,919	3,211	1,235	21,822,826	4,954,546	4,619,946	130,898	4,750,844	( <sup>8</sup> )	22.70
1971.....	98,644	3,639	1,291	22,832,335	3,990,854	4,045,843	98,553	4,144,396	.....	17.50
1972.....	89,555	3,360	1,158	20,918,802	5,245,034	5,246,914	141,040	5,387,954	.....	25.10
1973.....	82,419	3,902	1,095	20,154,425	7,738,196	7,529,002	207,729	7,736,731	.....	38.40
1974.....	85,504	3,979	1,321	19,976,384	6,838,022	6,946,761	219,400	7,166,161	.....	34.20
1975.....	73,627	3,805	1,193	16,835,178	7,755,699	7,916,425	267,158	8,183,583	.....	46.10
1976.....	75,747	4,191	1,181	18,160,337	7,856,375	7,487,676	268,802	7,756,478	.....	43.30
1977.....	80,939	4,258	1,144	19,020,900	7,484,651	7,281,364	262,047	7,543,411	.....	39.40
1978.....	81,271	4,714	1,086	19,466,200	9,065,998	8,753,229	285,238	9,038,467	.....	46.60
1979.....	92,327	4,968	1,070	22,595,365	9,415,569	9,026,724	255,139	9,281,863	.....	41.80
1980.....	100,388	4,598	1,100	23,351,909	8,846,562	8,921,091	214,980	9,136,021	.....	38.00
1981 <sup>9</sup> .....	95,871	4,073	900	21,821,012	9,536,700	9,799,256	207,010	10,006,266	.....	43.90

<sup>1</sup> Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. <sup>2</sup> Excludes custom slaughter for farmers at commercial establishments. <sup>3</sup> Adjustments made for changes in inventory and for inshipments. <sup>4</sup> Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. <sup>5</sup> Receipts from marketings and sale of farm slaughter includes allowance for higher average price of State outshipments of feeder pigs. <sup>6</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption. <sup>7</sup> Data for 12-month period—December of previous year through November of current year. <sup>8</sup> Discontinued. <sup>9</sup> Preliminary.

Statistical Reporting Service.

**Table 428.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1965-81 <sup>1</sup>**

Year	Receipts at selected public stockyards											Direct receipts in interior Iowa and Southern Minnesota <sup>4</sup>
	Chicago	Denver	Forth Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting <sup>2,3</sup>	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1965.....	1,434	443	230	1,011	2,622	2,035	1,677	2,132	1,686	11,140	24,410	17,376
1966.....	1,443	351	212	1,021	2,421	2,007	1,591	2,430	1,754	10,426	23,656	18,458
1967.....	1,434	324	284	1,263	2,673	1,916	1,635	2,757	1,860	10,131	24,277	20,437
1968.....	1,190	369	289	1,360	2,327	1,823	1,636	2,855	1,950	10,172	24,071	20,932
1969.....	965	370	361	1,332	1,798	1,644	1,756	2,734	1,879	9,615	22,454	20,192
1970.....	298	217	302	1,262	1,857	1,570	1,839	2,223	1,923	8,526	20,017	21,211
1971.....	( <sup>5</sup> )	429	180	1,244	1,876	1,649	1,917	2,448	2,055	9,777	21,575	22,725
1972.....	.....	355	74	1,087	1,514	1,452	1,747	2,056	1,832	8,181	18,298	20,506
1973.....	.....	( <sup>5</sup> )	65	785	1,337	1,325	1,641	2,387	1,772	7,792	17,024	18,852
1974.....	.....	.....	80	897	1,478	1,530	1,790	2,676	2,365	8,255	19,071	19,979
1975.....	.....	.....	84	559	1,162	1,226	1,420	2,140	1,880	6,630	15,101	16,226
1976.....	.....	.....	77	497	1,102	1,327	1,547	2,423	1,975	7,064	16,012	18,190
1977.....	.....	.....	94	491	1,055	1,458	1,586	2,291	2,003	6,732	15,710	19,781
1978.....	.....	.....	72	445	1,039	1,479	949	1,603	1,543	5,628	12,758	20,194
1979.....	.....	.....	54	453	1,177	1,546	1,051	1,866	1,838	6,367	14,352	22,980
1980.....	.....	.....	72	415	1,101	1,525	994	1,728	1,677	5,993	13,505	24,686
1981.....	.....	.....	54	325	957	1,382	835	1,479	1,616	5,686	12,334	24,386

<sup>1</sup> Total rail and truck receipts. Saleable receipts 1978 on. <sup>2</sup> Rounded total of complete figures. <sup>3</sup> The number of stockyards reporting varies from 41 to 68. <sup>4</sup> Covers receipts at 14 packing plants and 30 concentration yards. <sup>5</sup> Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 429.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1981<sup>1</sup> (preliminary)

State	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>5</sup>	Cash receipts from sales of hogs, pork, and lard <sup>6</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>7</sup>
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	1,160	10	35	279,801	121,224	126,602	7,379	133,981
Alaska.....	1	.1	1.2	497	378	275	18	293
Ariz.....	281	7	1	59,222	27,425	28,743	340	29,083
Ark.....	1,067	16	14	209,960	93,200	96,491	2,619	99,110
Calif.....	280	30	18	61,076	29,192	29,628	2,365	31,993
Colo.....	465	5	7	111,035	49,007	44,817	2,902	47,719
Conn.....	20	0	1	4,800	2,064	1,813	268	2,081
Del.....	76	6	1	14,115	6,432	7,203	216	7,419
Fla.....	602	4	12	120,425	52,554	56,125	1,813	57,938
Ga.....	2,968	66	60	578,214	248,546	289,543	8,728	298,271
Hawaii.....	69	0	4	12,348	8,915	8,382	819	9,201
Idaho.....	221.7	1.3	4.5	50,416	20,492	20,984	798	21,782
Ill.....	10,083	405	15	2,564,976	1,126,252	1,143,806	5,557	1,149,363
Ind.....	6,918	540	22	1,543,975	673,739	721,000	4,657	725,657
Iowa.....	23,324	1,550	60	5,667,090	2,456,043	2,474,050	28,146	2,502,196
Kans.....	3,059	146	10	722,452	307,484	315,736	4,194	319,930
Ky.....	1,777	35	25	354,528	162,951	166,142	7,743	173,885
La.....	166	2	20	39,627	16,528	14,636	3,048	17,684
Maine.....	24	0	2	6,722	2,891	2,419	860	3,279
Md.....	401	12	7	90,071	41,450	38,765	1,266	40,031
Mass.....	55	0	1	13,267	5,705	5,515	290	5,805
Mich.....	1,291	64	18	288,235	125,441	129,020	5,664	134,684
Minn.....	8,116	215	30	1,694,340	743,865	792,788	8,453	801,241
Miss.....	463	4	30	105,801	47,047	45,612	4,795	50,407
Mo.....	6,577	8	35	1,380,913	607,242	629,982	10,433	640,415
Mont.....	362	6	8	82,089	33,974	35,090	1,167	36,257
Nebr.....	6,073	330	16	1,398,110	606,899	597,540	9,817	607,357
Nev.....	15.2	0	1	3,979	1,303	1,091	111	1,202
N.H.....	13.4	0	1	3,526	1,516	1,268	335	1,603
N.J.....	95	50	2	12,784	4,820	8,430	569	8,999
N. Mex.....	96	3	3	19,828	8,468	8,609	371	8,980
N.Y.....	190	1	8	44,232	19,506	18,104	1,866	19,970
N.C.....	3,634	48	70	782,723	344,568	357,638	13,090	370,728
N. Dak.....	400	10	15	90,210	37,679	34,714	2,876	37,590
Ohio.....	2,941	204	17	668,813	295,792	305,044	3,548	308,592
Okla.....	520	45	10	111,134	47,579	52,345	3,010	55,355
Oreg.....	189	1	9	39,261	17,342	18,349	1,343	19,692
Pa.....	1,215	0	40	259,194	121,342	128,389	6,458	134,847
R.I.....	7.7	0	2	1,930	830	888	45	933
S.C.....	851	0	25	188,045	77,663	82,734	4,853	87,587
S. Dak.....	2,760	103	10	631,140	277,737	287,246	3,088	290,334
Tenn.....	1,620	77	90	354,592	158,058	152,981	15,204	168,185
Tex.....	1,115	8	22	264,693	110,418	117,164	3,890	121,054
Utah.....	76.5	2	1	15,718	6,364	6,972	349	7,321
Vt.....	21	0	3	7,096	3,052	2,135	839	2,974
Va.....	1,060	18	52	232,918	103,328	101,089	8,067	109,156
Wash.....	134	0	6	26,446	12,087	12,559	1,714	14,273
W. Va.....	78	5	20	28,781	12,808	9,939	4,549	14,488
Wis.....	2,893	28	35	568,668	252,670	264,122	6,072	270,194
Wyo.....	46	8	2	11,247	4,830	4,739	408	5,147
U.S.....	95,871	4,073	900	21,821,012	9,536,700	9,799,256	207,010	10,006,266

<sup>1</sup> Balance sheet estimates by States; the sum of inventory December 1, 1980, pig crop and inshipments is equal to the sum of marketing, farm slaughter, deaths and inventory December 1, 1981.

<sup>2</sup> Includes custom slaughter for use on farms where produced and State outshipments, 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 inshipments.

<sup>5</sup> Includes allowance for higher average price of State inshipments of feeder pigs.

<sup>6</sup> Receipts from marketings and sale of farm-slaughter. Includes allowance for higher average price of State outshipments of feeder pigs.

<sup>7</sup> Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

Statistical Reporting Service.



Table 430.—Hogs: Number slaughtered, United States, 1965-81

Year	Commercial			Farm	Total	Year	Commercial -			Farm	Total
	Federally inspected	Other	Total <sup>1</sup>				Federally inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1965.....	63,708	10,076	73,784	2,678	76,462	1973.....	72,264	4,531	76,795	1,095	77,890
1966.....	63,729	10,282	74,011	1,375	75,386	1974.....	77,071	4,691	81,762	1,321	83,083
1967.....	70,915	11,209	82,124	1,301	83,425	1975.....	64,926	3,761	68,687	1,193	69,880
1968.....	74,789	10,371	85,160	1,262	86,422	1976.....	70,454	3,330	73,784	1,175	74,959
1969.....	75,682	8,156	83,838	1,134	84,972	1977.....	74,019	3,285	77,303	1,139	78,442
1970.....	78,187	7,630	85,817	1,235	87,052	1978.....	74,139	3,176	77,315	1,102	78,417
1971.....	86,667	7,771	94,438	1,210	95,648	1979.....	85,425	3,674	89,099	1,080	90,179
1972.....	78,759	5,948	84,707	1,158	85,865	1980.....	91,882	4,192	96,074	1,100	97,174
						1981.....	87,851	3,724	91,575	900	92,475

<sup>1</sup> Totals are based on unrounded numbers. Statistical Reporting Service.

Table 431.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1981 <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
Ala.....	761.0	210,993	277	Nev.....	4.3	935	216
Ariz.....	159.5	35,577	223	N.Eng. <sup>2</sup> .....	73.2	18,032	246
Ark.....	312.3	91,379	293	N.J.....	258.5	54,910	212
Calif.....	1,915.4	443,256	231	N. Mex.....	38.7	8,759	226
Colo.....	595.5	139,083	234	N. Y.....	218.8	50,366	230
Del. and Md.....	452.7	102,367	226	N. C.....	2,650.9	608,663	230
Fla.....	181.8	40,780	224	N. Dak.....	57.6	13,818	240
Ga.....	2,118.4	479,567	226	Ohio.....	4,844.8	1,130,676	233
Hawaii.....	42.8	8,113	190	Okla.....	596.6	159,698	268
Idaho.....	101.1	23,885	236	Oreg.....	199.9	45,726	229
Ill.....	6,105.7	1,568,891	257	Pa.....	2,649.9	605,356	228
Ind.....	2,926.0	702,262	240	S. C.....	547.5	130,881	239
Iowa.....	24,154.5	5,951,092	246	S. Dak.....	3,085.7	772,262	250
Kans.....	1,515.6	371,509	245	Tenn.....	2,838.4	742,088	261
Ky.....	2,422.4	609,411	252	Tex.....	1,415.2	361,613	256
La.....	130.9	29,850	228	Utah.....	178.5	41,078	237
Mich.....	5,521.3	1,321,221	239	Va.....	3,228.6	741,794	230
Minn.....	5,522.1	1,311,007	237	Wash.....	510.6	119,602	234
Miss.....	2,417.5	568,876	235	W. Va.....	37.2	13,865	373
Mo.....	3,341.8	835,126	250	Wis.....	2,462.9	596,109	242
Mont.....	526.3	126,277	240	Wyo.....	11.7	2,928	250
Nebr.....	4,445.6	1,024,358	230	U. S.....	91,575.0	22,214,038	243

<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. Commercial slaughter not estimated in Alaska.

<sup>2</sup> Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

**Table 432—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1965-81<sup>1</sup>**

Year	Federally inspected									Commercial		
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs		
	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight	Number head	Avg. dressed weight <sup>2</sup>	Avg. live weight	Number head	Avg. dressed weight <sup>2</sup>	Avg. live weight
	Thousands	Pounds	Thousands	Pounds	Thousands	Pounds	Thousands	Pounds	Pounds	Thousands	Pounds	Pounds
1965	58,576		4,739		392		63,708	147	240	73,784	146	239
1966	58,383		5,055		291		63,729	152	244	74,011	151	242
1967	65,444		5,157		314		70,915	152	242	82,124	151	241
1968	69,484		4,929		377		74,789	151	420	85,160	151	239
1969	70,119		4,961		605		75,682	153	240	83,839	152	239
1970	72,647		5,015		525		78,187	155	241	85,817	154	240
1971	80,557		5,372		738		86,667	156	240	94,438	155	239
1972	73,419		4,646		695		78,759	160	240	84,707	159	239
1973	67,321		4,201		742		72,264	164	242	76,795	164	241
1974	71,048		5,319		704		77,071	167	245	81,762	166	244
1975	60,709		3,603		614		64,926	166	240	68,687	165	240
1976	66,512		3,399		548		70,454	167	238	73,784	166	238
1977	69,181	163	4,055	282	783	237	74,019	170	237	77,303	170	237
1978	69,539	164	3,870	290	730	239	74,139	171	240	77,315	171	240
1979	79,744	164	4,793	295	888	234	85,425	172	242	89,099	172	242
1980	85,653	164	5,161	292	1,068	213	91,882	172	242	96,074	172	242
1981	82,206	165	4,609	292	1,036	206	87,851	173	243	91,575	172	243

<sup>1</sup> All weights calculated using unrounded totals. Totals may not add due to rounding.<sup>2</sup> 1965-76 shipper style, beginning 1977 packer style.

Statistical Reporting Service.

**Table 433—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1965-81**

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
			Dollars	Dollars				Dollars	Dollars
1965	17.7	18.0	1.18	1.16	1974	12.2	12.2	2.92	2.91
1966	18.5	18.7	1.25	1.23	1975	17.1	17.2	2.70	2.68
1967	16.3	16.5	1.17	1.16	1976	17.5	17.6	2.49	2.48
1968	<sup>1</sup> 17.9	<sup>1</sup> 18.3	1.04	1.02	1977	19.8	20.0	2.03	2.02
1969	19.8	20.2	1.13	1.11	1978	22.4	22.7	2.10	2.08
1970	19.1	19.4	1.23	1.21	1979	18.3	18.5	2.36	2.33
1971	14.0	14.3	1.27	1.25	1980	14.4	14.6	2.70	2.68
1972	22.1	22.5	1.17	1.15	1981	14.9	15.0	2.92	2.90
1973	21.7	22.2	1.89	1.87					

<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> Average of midmonth weighted prices.<sup>3</sup> Beginning 1968, marketing year average December through November.

Statistical Reporting Service.

Table 434.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1965-81

Year	Omaha					Seven markets <sup>1</sup>				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	Pounds	Dollars	Pounds	Dollars	Percent	Pounds	Dollars	Pounds	Dollars	Percent
1965	235	20.99	433	18.96	13	232	21.30	424	19.03	12
1966	239	23.25	441	19.75	13	236	23.49	432	19.77	12
1967	240	19.17	450	16.47	13	237	19.37	437	16.43	11
1968	238	19.01	444	16.12	13	235	19.19	436	16.20	11
1969	235	23.55	443	20.67	13	234	23.71	436	20.76	11
1970	240	21.75	449	17.74	12	237	21.95	439	17.83	10
1971	237	18.24	447	15.43	12	235	18.45	434	15.54	10
1972	237	26.36	461	23.11	13	237	26.67	447	23.26	10
1973	239	39.83	458	35.59	13	237	40.27	445	35.94	11
1974	245	34.65	447	29.78	14	241	35.12	436	29.92	11
1975	241	47.93	449	43.67	12	238	48.52	448	43.55	9
1976	240	42.60	457	36.09	13	236	43.11	457	35.92	10
1977	237	40.65	459	36.20	14	234	41.07	454	36.01	10
1978	239	48.29	460	43.36	15	237	48.49	459	43.23	11
1979	241	41.56	450	36.65	18	237	42.06	452	35.43	12
1980	241	39.08	452	36.04	19	237	39.48	447	36.01	12
1981	243	43.87	458	40.40	17	238	44.05	454	40.27	11

<sup>1</sup>Includes Indianapolis, Kansas City, Omaha, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Agricultural Marketing Service.

Table 435.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1965-81

Year	Loins, fresh, 8- to 14-lb. average <sup>1</sup>	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>2</sup>	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average <sup>1</sup>	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 17-lb. average <sup>2</sup>	Bacon, smoked, slab, 8- to 12-lb. average
1965	53.23	43.05	50.82	48.76	1974	78.56	61.98		
1966	56.94	46.16	54.29	55.41	1975	99.28	86.44	89.15	
1967	51.53	40.91	49.76	44.76	1976	97.68	81.13	91.06	
1968	50.90	40.31	48.11	42.96	1977	95.25	75.98	89.08	
1969	57.47	48.73	54.19	47.64	1978	109.15	71.77	99.63	
1970	56.86	43.43	51.68	48.40	1979	107.65	94.13	94.38	
1971	49.85	39.35	48.85	36.11	1980	101.14	87.46	88.99	
1972	64.46	52.26	56.97	46.70	1981	113.70	97.56	95.55	
1973	81.91	71.08		52.14					

<sup>1</sup>Prior to June 1967, 8-12 pounds.

<sup>2</sup>Delete word "smoked" after 1974.

Agricultural Marketing Service.

**Table 436.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1965-81**

Year	Supply						Disposition					
	Production				Stocks Jan. 1 <sup>1</sup>	Total <sup>2</sup>	Exports and shipments			Domestic disappearance		
	Federal-ly inspected	Other commercial	Farm	Total			Exports	Shipments	Total	Total	Direct use	
					Total	Total					Per civilian	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	
1965	1,772	208	65	2,045	127	2,172	251	75	325	1,785	1,225	6.4
1966	1,696	202	32	1,929	62	1,991	158	63	220	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	170	30	2,062	151	2,213	175	58	234	1,886	1,106	5.6
1969	1,755	124	25	1,904	94	1,998	262	67	329	1,599	1,011	5.1
1970	1,776	112	25	1,913	70	1,983	366	53	419	1,482	939	4.6
1971	1,830	106	24	1,960	82	2,042	282	62	344	1,598	880	4.2
1972	1,464	76	18	1,550	100	1,658	164	25	189	1,418	787	3.7
1973	1,181	55	18	1,254	51	1,305	113	8	121	1,140	705	3.3
1974	1,286	58	22	1,366	44	1,410	161	21	182	1,192	681	3.2
1975	956	39	17	1,012	36	1,048	88	56	144	876	615	2.8
1976	1,010	33	17	1,060	28	1,088	181	54	235	819	568	2.6
1977	1,022	.....	16	1,038	34	1,072	182	47	229	814	495	2.2
1978	991	.....	15	1,006	29	1,035	120	42	162	835	478	2.2
1979	1,141	.....	15	1,156	38	1,200	96	42	138	997	548	2.4
1980	1,207	.....	.....	1,207	50	1,257	92	38	130	1,078	540	2.4
1981 <sup>3</sup>	1,158	.....	.....	1,158	49	1,207	150	.....	150	1,020	572	2.5

<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.

<sup>3</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.

**Table 437.—Lard, including rendered pork fat: United States exports by country of destination, 1979-81**

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
	Metric tons	Metric tons	Metric tons		Metric tons	Metric tons	Metric tons
North America:				Europe:			
Belize.....	1,678	1,514	1,830	Belgium and Luxembourg.....	7	1	.....
Canada.....	9,275	7,908	9,046	Poland.....	.....	2,498	17,037
Haiti.....	1,085	990	1,088	United Kingdom.....	1,686	1,680	629
Mexico.....	26,676	23,962	32,639	Other countries.....	91	80	902
Netherlands Antilles.....	421	338	378	Total.....	1,784	4,259	18,568
Panama.....	22	31	27	Africa.....	.....	.....	12
Other countries.....	706	686	352	Asia.....	274	239	94
Total.....	39,863	35,429	45,360	Oceania.....	26	.....	27
South America:				Grand total <sup>2</sup> .....	43,507	41,914	67,901
Bolivia.....	1,085	254	2,053				
Colombia.....	87	1,102	1,016				
Other countries.....	389	633	770				
Total.....	1,561	1,989	3,839				

<sup>1</sup> Preliminary.

<sup>2</sup> May not add due to rounding.

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

Table 438.—Sheep and lambs: Number and value, United States, Jan. 1, 1965-82

Year	Number	Value		Year	Number	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>
1965.....	25,127	16.00	401,044	1974.....	16,310	32.80	534,766
1966.....	24,734	19.80	490,686	1975.....	14,515	30.50	442,491
1967.....	23,953	19.80	473,216	1976.....	13,311	37.30	496,281
1968.....	22,223	19.20	427,216	1977.....	12,722	42.40	540,158
1969.....	21,350	22.00	470,709	1978.....	12,421	51.50	641,476
1970.....	20,423	25.10	512,737	1979.....	12,365	71.70	890,970
1971.....	19,731	23.60	465,418	1980.....	12,687	78.20	992,127
1972.....	18,739	22.90	428,861	1981.....	12,936	69.80	903,332
1973.....	17,641	26.70	479,832	1982 <sup>1</sup> .....	13,116	56.90	746,520

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 439.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1965-82

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965.....	25,127	3,284	21,843	2,801	650	17,502	890
1966.....	24,734	3,278	21,456	3,010	760	16,850	836
1967.....	23,953	3,276	20,677	2,959	688	16,230	799
1968.....	22,223	3,115	19,108	2,546	569	15,290	705
1969.....	21,350	2,995	18,355	2,473	501	14,707	675
1970.....	20,423	2,990	17,433	2,422	475	13,923	613
1971.....	19,731	2,785	16,946	2,280	463	13,609	594
1972.....	18,739	2,894	15,845	1,974	402	12,909	560
1973.....	17,641	2,873	14,768	1,883	354	12,049	482
1974.....	16,310	2,625	13,685	1,804	359	11,058	464
1975.....	14,515	2,079	12,436	1,510	404	10,083	437
1976.....	13,311	1,884	11,427	1,345	350	9,314	418
1977.....	12,722	1,731	10,991	1,401	379	8,850	361
1978.....	12,421	1,623	10,798	1,508	328	8,588	374
1979.....	12,365	1,530	10,786	1,684	356	8,366	380
1980.....	12,687	1,622	11,065	1,807	368	8,524	366
1981.....	12,936	1,649	11,287	1,788	357	8,771	370
1982 <sup>1</sup> .....	13,116	1,564	11,552	1,819	429	8,911	394

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 440.—Stock sheep: Number, by classes, by States, Jan. 1, 1981 and 1982

State	Lambs				One year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>	1981	1982 <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
Alaska.....	0.3	0.3	0.3	0.3	0.2	1.9	1.3	1.4
Ariz.....	56	54	20	23	240	235	9	8
Calif.....	129	106	23	27	850	854	28	23
Colo.....	86	58	11	14	400	394	13	14
Conn.....	1.0	1.3	.3	.4	3.8	4.3	.3	.3
Idaho.....	83	62	11	9	386	389	10	10
Ill.....	32	34	7	9	120	124	7	8
Ind.....	23	24	4	4	95	96	5	5
Iowa.....	65	80	22	24	260	283	13	13
Kans.....	12	14	4	4	120	117	4	5
Ky.....	3	3	1	1	21	20	1	1
La.....	2	1.6	1	.8	7	6.7	1	.8
Maine.....	2	3	1	1	9	10	1	1
Md.....	3	2	1	1	13	14	1	2
Mass.....	1.2	1.4	.4	.5	5.1	5.6	.5	.5
Mich.....	15	16	4	4	80	83	3	3
Minn.....	48	58	10	11	187	199	5	7
Mo.....	19	19	5	5	92	87	4	4
Mont.....	130	117	15	13	420	455	15	15
Nebr.....	23	24	7	7	115	105	.5	4
Nev.....	19	18	1	1	98	95	2	2
N.H.....	1.2	1.6	.3	.4	5.1	5.4	.4	.3
N.J.....	1.4	1.6	.6	.8	6.9	6.8	.6	.5
N. Mex.....	96	96	8	8	468	468	23	23
N.Y.....	14	12	8	7	45	49	2	2
N.C.....	1.2	1.4	.4	.5	5.5	5.4	.4	.4
N. Dak.....	39	46	11	12	153	165	7	7
Ohio.....	33	36	8	9	212	207	7	8
Okla.....	10	11	3	5	64	70	3	4
Oreg.....	82	55	13	14	310	373	15	18
Pa.....	17	19	4	6	79	95	5	5
S. Dak.....	105	106	19	18	590	590	16	16
Tenn.....	1	1.3	.5	.7	9	7.5	.5	.5
Tex.....	270	363	80	140	1,700	1,680	<sup>2</sup> 100	<sup>3</sup> 117
Utah.....	96	84	9	6	500	505	15	15
Vt.....	2.2	2	.6	1	6.0	7	.4	1
Va.....	22	26	10	11	123	127	5	6
Wash.....	14	17	6	7	55	55	5	4
W. Va.....	16	18	4	4	84	85	4	3
Wis.....	21	20	3	4	82	81	5	5
Wyo.....	193	205	20	15	750	750	27	30
U.S.....	1,787.5	1,818.5	357.4	429.4	8,771.4	8,910.6	370.4	393.7

<sup>1</sup>Preliminary.<sup>2</sup>25,000 wethers and 75,000 rams.<sup>3</sup>30,000 wethers and 87,000 rams.

Statistical Reporting Service.

Table 441.—Sheep and lambs: Number of stock sheep and sheep on feed, by States, Jan. 1, 1980-82

State	Stock sheep			Sheep on feed <sup>2</sup>		
	1980	1981	1982 <sup>1</sup>	1980	1981	1982 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Alaska.....	4.3	3.9	3.9			
Ariz.....	325	325	320	60	47	57
Calif.....	1,000	1,030	1,010	175	175	200
Colo.....	510	510	480	360	300	230
Conn.....	5.2	5.4	6.3			
Idaho.....	456	490	470	12	22	28
Ill.....	158	166	175	15	18	20
Ind.....	110	127	129	10	8	9
Iowa.....	340	360	400	68	77	85
Kans.....	155	140	140	80	80	60
Ky.....	21	26	25			
La.....	12	11	9.9			
Maine.....	13	13	15			
Md.....	20	18	19			
Mass.....	7.1	7.2	8.0			
Mich.....	104	102	106	28	22	24
Minn.....	217	250	275	47	45	60
Mo.....	109	120	115	14	18	18
Mont.....	560	580	600	14	15	16
Nebr.....	120	150	140	90	100	85
Nev.....	115	120	116	7	14	13
N.H.....	7.0	7.0	7.7			
N.J.....	9.3	9.5	9.7			
N. Mex.....	595	595	595	65	55	20
N.Y.....	65	69	70			
N.C.....	7.5	7.5	7.7			
N. Dak.....	190	210	230	46	62	50
Ohio.....	265	260	260	55	50	53
Okla.....	78	80	90	15	15	15
Oreg.....	385	420	460	110	100	100
Pa.....	105	105	125			
S. Dak.....	715	730	730	68	50	50
Tenn.....	12	11	10.0			
Tex.....	2,250	2,150	2,300	150	210	200
Utah.....	595	620	610	30	30	26
Vt.....	8.2	9.2	11.0			
Va.....	160	160	170			
Wash.....	83	80	83			
W. Va.....	113	108	110			
Wis.....	100	111	110	13	16	15
Wyo.....	960	990	1,000	90	120	130
U.S.....	11,065	11,287	11,552	1,622	1,649	1,564

<sup>1</sup> Preliminary.

<sup>2</sup> Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.

Statistical Reporting Service.

Table 442.—Sheep: Number in specified countries, 1980-82<sup>1</sup>

Continent and country	1980	1981	1982 <sup>2</sup>	Continent and country	1980	1981	1982 <sup>2</sup>
	<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>
<b>North America:</b>				<b>Europe—Cont.</b>			
Canada.....	480	488	505	Bulgaria.....	10,536	10,433	10,726
Guatemala.....	500	500	500	Czechoslovakia.....	875	910	959
Mexico.....	7,950	7,990	8,140	German Dem. Rep.....	1,979	2,038	2,169
United States <sup>3</sup> .....	12,365	12,936	13,100	Hungary.....	2,927	3,090	3,140
<b>Total.....</b>	<b>21,617</b>	<b>21,914</b>	<b>22,245</b>	Poland.....	3,633	3,490	3,390
<b>South America:</b>				Romania.....	15,820	15,865	17,288
Argentina.....	32,000	30,000	30,000	Yugoslavia.....	7,354	7,384	7,329
Brazil.....	18,000	18,000	18,000	<b>Total Eastern</b>			
Chile.....	5,938	6,021	6,100	Europe.....	43,124	43,210	45,001
Colombia.....	2,486	2,608	2,700	<b>Total Europe.....</b>	<b>119,315</b>	<b>121,156</b>	<b>125,212</b>
Ecuador.....	2,313	2,335	2,341	<b>Soviet Union.....</b>	<b>143,599</b>	<b>141,573</b>	<b>141,600</b>
Peru.....	13,500	13,500	13,000	<b>Africa:</b>			
Uruguay.....	23,290	24,088	23,369	South Africa.....	34,878	33,882	34,190
Venezuela.....	330	346	362	Morocco.....	14,200	14,840	11,270
<b>Total.....</b>	<b>97,857</b>	<b>96,898</b>	<b>95,872</b>	<b>Total.....</b>	<b>49,078</b>	<b>48,672</b>	<b>45,460</b>
<b>Europe:</b>				<b>Asia:</b>			
Belgium-Luxembourg.....	89	90	90	India.....	41,000	41,500	42,000
Denmark.....	55	57	55	Israel.....	277	270	240
France.....	11,911	12,984	14,279	Turkey.....	46,026	48,630	50,000
Germany, Fed. Rep. of.....	1,146	1,179	1,204	<b>Total.....</b>	<b>87,303</b>	<b>90,400</b>	<b>92,240</b>
Greece.....	7,974	7,800	7,960	<b>Oceania:</b>			
Ireland.....	2,360	2,344	2,398	Australia.....	135,985	134,407	135,400
Italy.....	9,110	9,277	9,632	New Zealand.....	68,772	71,200	72,000
Netherlands.....	858	806	790	<b>Total.....</b>	<b>204,757</b>	<b>205,607</b>	<b>207,400</b>
United Kingdom.....	21,658	21,722	22,100	<b>Total selected</b>			
<b>Total EC.....</b>	<b>55,161</b>	<b>56,259</b>	<b>58,508</b>	countries.....	<b>723,526</b>	<b>726,220</b>	<b>730,029</b>
Austria.....	195	191	190				
Finland.....	67	63	60				
Norway.....	1,992	2,155	2,175				
Portugal.....	3,840	3,840	3,840				
Spain.....	14,180	14,700	14,700				
Sweden.....	402	402	402				
Switzerland.....	354	336	336				
<b>Total Western</b>							
Europe.....	<b>21,030</b>	<b>21,687</b>	<b>21,703</b>				

<sup>1</sup> Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible.

<sup>2</sup> Preliminary.

<sup>3</sup> 50 States.

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



Table 443.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1979-81 <sup>1</sup>

State	1979		1980		1981 <sup>2</sup>	
	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1	Number	Lamb crop as percent of ewes one year old and over, Jan. 1
	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>	<i>Thousands</i>	<i>Percent</i>
Ala.....	0.7	26	0.6	26	0.8	40
Ariz.....	215	80	200	81	210	88
Calif.....	721	86	725	86	765	90
Colo.....	400	102	435	102	440	110
Conn.....	4.4	116	4.7	121	5.2	137
Idaho.....	432	117	450	125	483	125
Ill.....	129	112	134	115	143	119
Ind.....	102	115	100	120	114	120
Iowa.....	273	124	300	120	315	121
Kans.....	134	107	145	116	140	117
Ky.....	20	111	23	135	23	110
La.....	8.0	89	7.0	88	6.9	99
Maine.....	9.0	113	10.0	111	12.0	133
Md.....	16	114	16	107	16	123
Mass.....	5.1	104	5.6	112	6.8	133
Mich.....	90	120	100	122	95	119
Minn.....	198	124	205	125	245	131
Mo.....	107	129	108	129	120	130
Mont.....	360	95	390	98	420	100
Nebr.....	90	118	112	124	143	124
Nev.....	94	96	93	99	97	99
N.H.....	5.4	113	6.1	120	6.9	135
N.J.....	7.8	113	7.8	115	7.6	110
N. Mex.....	363	84	356	76	407	87
N.Y.....	50	119	52	121	58	129
N.C.....	6.1	122	6.4	116	5.6	102
N. Dak.....	143	124	173	128	196	128
Ohio.....	267	113	253	118	255	120
Okla.....	62	109	62	107	71	111
Oreg.....	300	106	305	109	360	116
Pa.....	77	110	83	106	87	110
S. Dak.....	650	122	690	125	720	122
Tenn.....	10.0	111	10.0	111	9.0	100
Tex.....	1,190	71	1,120	67	1,250	74
Utah.....	430	93	476	97	481	96
Vt.....	7.2	129	7.3	130	8.9	148
Va.....	162	125	159	130	159	129
Wash.....	62	119	64	116	68	124
W. Va.....	101	115	104	120	100	119
Wis.....	92	146	110	157	119	145
Wyo.....	580	77	640	86	685	91
U.S.....	7,973.7	95	8,248.5	97	8,854.7	101

<sup>1</sup>Lamb crop defined as lambs born in the native States and lambs docked or branded in the Western States.<sup>2</sup>Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 454

<sup>1</sup>Includes shearing at commercial feeding yards.<sup>2</sup>For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.<sup>3</sup>Production multiplied by annual average price.<sup>4</sup>Preliminary.<sup>5</sup>Price per pound calculated by weighting monthly prices by monthly sales of wool for footnoted States. The prices for remaining States are annual averages.<sup>6</sup>U.S. average price per pound derived using unrounded value and production.

Statistical Reporting Service.

**Table 444.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1966–80**

Year	Lamb crop <sup>1</sup>	Marketings <sup>2</sup>		Inshipments	Farm slaughter	Quantity produced (live weight) <sup>3</sup>
		Sheep	Lambs			
	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 head</i>	<i>1,000 pounds</i>
1965.....	16,312	2,454	15,213	5,165	294	1,217,139
1966.....	15,881	2,785	14,674	4,679	268	1,249,097
1967.....	15,017	2,911	13,993	4,030	245	1,153,596
1968.....	14,443	2,298	13,448	4,035	237	1,166,190
1969.....	13,723	2,282	12,873	4,119	233	1,065,074
1970.....	13,465	1,983	12,840	4,032	249	1,093,385
1971.....	12,998	2,202	12,627	4,004	236	1,070,502
1972.....	12,599	2,170	12,383	3,976	224	1,004,102
1973.....	11,500	2,198	10,879	3,275	202	895,776
1974.....	10,509	2,172	9,888	2,629	217	806,755
1975.....	9,857	1,812	9,039	2,349	212	785,394
1976.....	8,888	1,495	8,120	2,469	202	733,026
1977.....	8,573	1,450	7,361	2,148	198	706,395
1978.....	7,927	1,439	6,529	2,148	174	686,869
1979.....	7,974	1,343	6,335	2,136	172	709,027
1980.....	8,249	1,381	6,731	2,216	165	743,867
1981 <sup>4</sup> .....	8,855	1,382	7,108	1,880	189	771,335

  

Year	Value of production	Cash receipts for sales of sheep, lambs, and mutton and lamb <sup>5</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of sheep and lambs shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
						Sheep	Lambs
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965.....	257,160	328,609	3,865	332,474	73,633	6.34	22.80
1966.....	261,185	333,624	4,525	338,149	71,324	6.84	23.40
1967.....	231,020	301,660	4,212	305,872	54,882	6.35	22.10
1968.....	256,616	315,180	4,559	319,739	60,561	6.58	24.40
1969.....	266,856	343,431	5,556	348,987	73,192	8.10	27.20
1970.....	260,373	333,746	5,691	339,437	( <sup>7</sup> )	7.52	26.40
1971.....	250,159	322,382	5,399	328,381	.....	6.56	25.90
1972.....	271,434	353,303	5,725	359,528	.....	7.26	29.10
1973.....	293,732	389,585	6,895	396,480	.....	12.90	35.10
1974.....	272,048	368,747	7,870	376,617	.....	11.20	37.00
1975.....	303,328	385,804	8,470	394,274	.....	11.30	42.10
1976.....	315,581	393,101	9,173	402,274	.....	13.10	46.90
1977.....	320,323	386,372	9,866	396,238	.....	13.50	51.30
1978.....	381,621	452,935	11,223	464,158	.....	21.80	62.80
1979.....	410,053	474,156	11,730	485,886	.....	26.30	66.70
1980.....	401,450	469,731	11,568	481,299	.....	21.10	63.60
1981 <sup>4</sup> .....	357,915	410,861	12,362	423,223	.....	21.20	54.90

<sup>1</sup>Lamb crop defined as lambs born in the Native States, plus lambs docked or branded in the Western States for the period Oct. 1 through Sept. 30. <sup>2</sup>Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State. <sup>3</sup>Adjustments made for changes in inventory and for inshipments.

<sup>4</sup>Preliminary. <sup>5</sup>Receipts from marketings and sale of farm-slaughtered meat. <sup>6</sup>Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

<sup>7</sup>Discontinued.

Statistical Reporting Service.

**Table 445.—Sheep and lambs: Average price per 100 pounds at Omaha, 1965–81 <sup>1</sup>**

Year beginning May	Sheep			Lambs			Year beginning May	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	<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>
1965.....	4.89	6.22	6.03	23.89	26.20	24.85	1974.....	6.98	7.80	7.32	40.46	42.10	41.15
1966.....	5.72	5.80	6.91	23.14	21.79	27.10	1975.....	8.75	11.92	10.07	45.14	51.44	47.77
1967.....	5.82	5.94	5.86	24.80	25.20	24.97	1976.....	9.95	11.83	10.78	45.39	50.50	47.52
1968.....	5.84	7.78	6.65	27.07	27.50	27.25	1977.....	10.82	13.75	12.04	53.30	64.43	57.94
1969.....	7.86	8.05	7.94	28.97	27.98	28.55	1978.....	16.61	21.50	17.69	61.68	68.15	64.38
1970.....	7.07	5.80	6.54	27.55	26.03	26.92	1979.....	18.75	17.00	18.22	64.93	63.53	64.34
1971.....	5.04	4.93	4.99	28.16	28.48	28.29	1980.....	13.35	15.94	14.30	63.70	53.85	59.60
1972.....	6.16	8.40	7.09	30.80	35.47	32.75	1981.....	12.46	15.98	13.93	56.32	53.15	54.08
1973.....	11.96	13.81	12.64	36.41	38.70	37.37							

See footnotes on page 299.

## SHEEP AND LAMBS

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Table 446.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1981 (preliminary)

State	Marketings <sup>1</sup>		Shipped in	Slaughter on farms <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production	Cash receipts from sales of sheep, lambs and mutton and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>
	Sheep	Lambs							
	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
Alaska.....	0	0	0	0.3	57	25	9	9	18
Ariz.....	49	133	56	45	20,550	8,865	8,675	1,708	10,383
Calif.....	92	685	206	24	64,675	32,947	37,867	1,963	39,830
Colo.....	101	744	436	5	52,506	27,102	49,169	324	49,493
Conn.....	.5	2.2	0	.6	327	248	101	82	183
Idaho.....	69	419	56	6	47,185	22,250	24,462	579	25,041
Ill.....	28	142	77	4	14,490	5,948	7,739	493	8,232
Ind.....	18	66	1	2	8,840	3,537	3,143	319	3,462
Iowa.....	28	244	87	2	27,888	12,873	14,057	259	14,316
Kans.....	14	170	50	1	12,486	6,670	8,890	217	9,107
Ky.....	6	15	4	1	1,938	940	992	60	1,052
La.....	1.5	2.5	0	2	436	176	125	87	212
Main.....	1	6	0	1	820	563	292	143	435
Md.....	1	9	0	1	1,244	537	444	74	518
Mass.....	.7	3.3	0	.8	423	341	159	127	286
Mich.....	10	61	1	2	8,140	3,693	3,332	178	3,510
Minn.....	32	191	65	3	24,358	10,801	11,120	278	11,398
Mo.....	19	74	3	2	8,994	4,147	4,208	211	4,419
Mont.....	73	233	25	3	36,494	13,365	13,469	185	13,654
Nebr.....	46	176	86	1	14,396	6,684	10,448	84	10,532
Nev.....	13	199	140	3	9,395	4,688	11,499	118	11,617
N.H.....	1	3.6	0	.6	457	333	186	97	283
N.J.....	1.9	3.5	5	.4	471	198	165	49	214
N. Mex.....	90	308	116	35	23,519	10,888	14,785	1,235	16,020
N.Y.....	11	34	6	3	4,268	1,908	1,942	231	2,173
N.C.....	1.1	2.5	0	.4	365	159	122	25	147
N. Dak.....	21	139	13	1	16,522	6,755	6,855	102	6,957
Ohio.....	29	173	4	2	19,514	9,521	9,386	114	9,500
Okla.....	5	51	9	1	6,311	3,093	2,920	112	3,032
Ore.....	11	249	25	7	33,424	14,784	14,543	680	15,223
Pa.....	3	46	7	5	6,554	3,669	2,716	435	3,151
S. Dak.....	90	564	57	3	69,587	33,668	35,532	242	35,774
Tenn.....	4	4	2	1	513	301	294	54	348
Tex.....	238	858	228	2	106,650	51,898	54,924	170	55,094
Utah.....	45	359	30	7	38,961	17,957	19,598	370	19,968
Vt.....	.8	.4	0	.8	725	405	202	110	312
Va.....	12	103	5	1	12,191	5,904	5,603	110	5,713
Wash.....	13	40	6	4	6,250	2,716	2,581	262	2,843
W. Va.....	14	61	1	1	7,252	3,405	3,216	115	3,331
Wis.....	13	90	7	1	9,605	4,689	4,839	189	5,028
Wyo.....	175	440	70	3	52,554	19,263	20,254	164	20,418
U.S.....	1,382	7,108	1,880	189	771,335	357,915	410,861	12,362	423,223

<sup>1</sup>Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State.

<sup>2</sup>Excludes custom slaughter for farmers at commercial establishments.

<sup>3</sup>Adjustments made for changes in inventory and for inshipments.

<sup>4</sup>Receipts from marketings and sale of farm-slaughter.

<sup>5</sup>Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 445

<sup>1</sup>Simple average of monthly bulk-of-sales prices from data of the livestock reporting service. Agricultural Marketing Service.

Table 447.—Sheep and lambs: Receipts at selected public stockyards, 1965-81<sup>1</sup>

Year	Chica- go	Den- ver	Fort Worth	Kan- sas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	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>
1965.....	136	989	489	438	424	121	203	616	310	2,443	6,169
1966.....	137	758	424	411	401	111	226	625	302	3,029	6,424
1967.....	172	488	557	206	370	96	215	589	250	2,729	5,672
1968.....	167	302	444	165	236	90	257	549	195	2,574	4,979
1969.....	60	191	393	118	160	81	277	491	171	2,309	4,251
1970.....	24	137	351	69	134	86	253	333	153	2,155	3,695
1971.....	46	104	144	55	123	77	97	238	104	1,931	2,879
1972.....		9	17	43	111	60	83	228	107	1,895	2,553
1973.....		( <sup>4</sup> )	12	36	97	41	67	243	102	1,779	2,377
1974.....			10	29	88	35	52	254	98	1,679	2,245
1975.....			7	22	81	29	41	247	81	1,394	1,902
1976.....			5	19	76	28	36	218	55	1,325	1,707
1977.....			4	14	73	25	36	165	47	1,247	1,611
1978.....			2	12	51	22	19	126	29	993	1,254
1979.....			1	14	54	18	20	126	23	1,037	1,293
1980.....			1	21	52	16	20	146	24	1,034	1,314
1981.....			1	20	44	17	17	146	25	1,033	1,303

<sup>1</sup>Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978.<sup>2</sup>Rounded totals of complete figures.<sup>3</sup>The number of stockyards reporting varies from 41 to 68.<sup>4</sup>Market closed Aug. 1, 1971.<sup>5</sup>Data no longer reported.

Agricultural Marketing Service. Compiled from reports received from stockyard companies.

Table 448.—Sheep and lambs: Numbers slaughtered commercially, total and average live weight, by States, 1981<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>
Ala.....	0	10	83	N. Eng. <sup>2</sup> .....	16.7	1,513	91
Ariz.....	2.2	233	107	N. J.....	27.4	2,467	90
Ark.....	1.1	103	94	N. Mex.....	86.5	9,903	114
Calif.....	1,178.9	131,303	111	N. Y.....	59.7	5,851	98
Colo.....	1,140.7	125,323	110	N. C.....	.7	57	86
Del and Md.....	39.9	4,091	102	N. Dak.....	1	111	115
Fla.....	.3	25	71	Ohio.....	22.3	2,151	96
Ga.....	.4	34	91	Okla.....	3.9	428	111
Idaho.....	8.2	913	112	Oreg.....	29.8	3,262	110
Ill.....	370.8	41,861	113	Pa.....	170.1	17,257	101
Ind.....	9.3	889	96	S. C.....	.1	13	100
Iowa.....	90.1	9,980	111	S. Dak.....	423.6	47,621	112
Kans.....	5.3	578	110	Tenn.....	1.9	154	82
Ky.....	10.3	1,121	109	Tex.....	1,118.2	118,790	106
La.....	4.3	410	95	Utah.....	23.4	2,626	112
Mich.....	290.3	31,574	109	Va.....	4.9	503	102
Minn.....	552.7	62,274	113	Wash.....	269.8	31,470	117
Mo.....	20.9	2,140	102	W. Va.....	.8	82	106
Mont.....	3.6	388	108	Wis.....	9.8	966	98
Nebr.....	2.7	284	105	Wyo.....	2.6	297	112
Nev.....	2.6	287	109	U.S.....	6,008.1	659,342	110

<sup>1</sup>Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms.<sup>2</sup>Includes Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

Table 449.—Sheep and lambs: Number slaughtered, United States, 1965-81

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federal-ly inspected	Other	Total <sup>1</sup>				Federal-ly inspected	Other	Total <sup>1</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1965	11,710	1,297	13,006	294	13,300	1974	8,556	291	8,847	217	9,064
1966	11,553	1,184	12,737	268	13,005	1975	7,552	283	7,835	212	8,047
1967	11,516	1,275	12,791	245	13,036	1976	6,474	240	6,714	202	6,916
1968	10,888	996	11,884	237	12,121	1977	6,133	223	6,356	198	6,554
1969	10,070	621	10,691	233	10,924	1978	5,169	200	5,369	174	5,543
1970	10,010	542	10,552	249	10,801	1979	4,833	184	5,017	172	5,189
1971	10,256	473	10,729	236	10,965	1980	5,363	216	5,579	165	5,744
1972	9,905	396	10,301	224	10,525	1981	5,789	219	6,008	189	6,197
1973	9,234	363	9,597	202	9,799						

<sup>1</sup>Totals are based on unrounded numbers.  
Statistical Reporting Service.

Table 450.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1965-81<sup>1</sup>

Year	Federally inspected									Commercial		
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs		
	Number head	Pct. of total	Avg. dressed weight	Number head	Pct. of total	Avg. dressed weight	Number head	Avg. dressed weight	Avg. live weight	Number head	Avg. dressed weight	Avg. live weight
Thousands	Percent	Pounds	Thousands	Percent	Pounds	Thousands	Pounds	Pounds	Thousands	Pounds	Pounds	
1965	11,063	94.5	.....	646	5.5	.....	11,710	49	100	13,006	49	100
1966	10,735	93.4	.....	758	6.6	.....	11,553	51	102	12,737	50	102
1967	10,735	93.2	.....	781	6.8	.....	11,516	50	102	12,791	50	101
1968	10,198	93.7	.....	690	6.3	.....	10,888	50	102	11,884	50	102
1969	9,340	92.8	.....	728	7.2	.....	10,070	51	104	10,691	51	104
1970	9,298	92.9	.....	711	7.1	.....	10,010	52	105	10,552	52	104
1971	9,437	92.0	.....	819	8.0	.....	10,256	51	104	10,729	51	104
1972	9,229	93.2	.....	677	6.8	.....	9,905	52	105	10,301	52	105
1973	8,426	91.2	.....	808	8.8	.....	9,234	53	108	9,597	53	107
1974	7,987	93.3	.....	569	6.7	.....	8,556	52	105	8,847	52	105
1975	6,993	92.6	.....	558	7.4	.....	7,552	51	109	7,835	51	104
1976	6,058	93.6	.....	416	6.4	.....	6,474	54	108	6,714	54	109
1977	5,643	92.0	54	489	8.0	55	6,133	54	108	6,356	54	108
1978	4,810	93.1	57	359	6.9	56	5,169	56	113	5,369	56	112
1979	4,499	93.1	57	334	6.9	55	4,833	57	114	5,017	57	114
1980	4,970	92.7	56	393	7.3	53	5,363	56	112	5,579	56	112
1981	5,388	93.1	55	401	6.9	53	5,789	55	110	6,008	55	110

<sup>1</sup>All percents and weights calculated using unrounded totals.  
Statistical Reporting Service.

Table 451.—Livestock: Average price per 100 pounds received by farmers, by States, 1980 and 1981

State	Cows <sup>1</sup>		Steers and heifers		Beef cattle <sup>2</sup>		Calves	
	1980	1981	1980	1981	1980	1981	1980	1981
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	45.20	40.10	63.50	56.30	55.30	47.80	69.10	58.30
Alaska.....	45.00	47.00	64.00	74.00	56.00	66.00	55.00	65.00
Ariz.....	45.50	41.20	68.30	65.30	65.10	61.80	74.60	63.70
Ark.....	45.00	41.10	65.30	56.40	51.80	48.40	72.70	60.70
Calif.....	46.20	42.40	67.50	63.40	63.60	57.90	71.60	60.20
Colo.....	47.20	42.00	66.80	63.70	65.60	62.40	80.20	67.50
Conn.....	47.00	42.00	57.00	50.00	55.00	49.00	73.00	63.00
Del.....	47.60	43.30	62.80	62.00	54.00	51.20	84.80	80.90
Fla.....	46.90	41.00	66.30	58.60	59.90	50.40	76.70	61.40
Ga.....	44.90	40.10	60.80	54.20	52.20	46.80	67.40	56.00
Hawaii.....	43.00	42.30	56.50	57.50	53.50	54.40	63.00	63.00
Idaho.....	45.90	40.90	66.60	61.50	62.90	57.20	74.30	62.40
Ill.....	45.60	41.40	65.50	61.40	62.30	58.30	72.20	60.60
Ind.....	46.90	41.20	64.50	60.20	61.00	56.20	72.70	61.20
Iowa.....	46.00	41.70	67.20	62.40	65.30	58.20	78.20	63.40
Kans.....	45.60	42.00	68.70	61.90	65.30	59.00	76.50	65.90
Ky.....	44.90	40.60	64.30	55.90	59.30	51.00	72.40	57.70
La.....	44.60	41.50	64.50	57.30	50.60	46.90	70.80	59.80
Maine.....	48.00	39.00	58.00	53.00	56.00	50.00	68.00	58.00
Md.....	47.60	43.30	62.80	62.00	54.00	51.20	84.80	80.90
Mass.....	47.50	40.00	57.00	52.00	55.00	50.00	71.00	63.00
Mich.....	47.40	41.30	62.90	56.20	55.90	49.50	82.50	65.20
Minn.....	45.80	41.40	61.70	57.00	55.70	50.80	78.30	67.40
Miss.....	44.20	39.80	63.90	57.60	50.40	45.10	72.90	62.20
Mo.....	47.30	42.40	67.10	61.70	62.80	58.30	75.30	62.80
Mont.....	44.80	40.30	68.30	61.00	58.00	51.90	76.80	62.70
Nebr.....	45.80	41.90	66.70	63.40	64.80	62.30	78.70	67.50
Nev.....	43.60	39.80	65.90	59.70	61.40	51.30	72.90	63.10
N.H.....	45.00	39.00	55.00	50.00	53.00	48.00	69.00	56.00
N.J.....	46.30	41.70	60.70	55.40	48.20	43.30	92.80	84.20
N. Mex.....	44.60	39.80	68.00	60.80	64.30	51.00	77.60	67.10
N. Y.....	46.30	41.30	55.60	50.70	47.40	42.40	78.00	66.20
N.C.....	44.50	40.00	59.50	51.20	51.40	44.90	66.70	55.20
N.Dak.....	44.60	41.80	69.30	61.30	61.10	55.30	78.20	63.10
Ohio.....	45.00	39.70	62.10	57.80	56.40	52.00	72.30	56.50
Okla.....	44.70	40.30	68.00	61.70	62.70	57.40	74.60	62.70
Oreg.....	44.10	40.10	60.90	58.60	57.50	51.80	66.90	61.00
Pa.....	47.60	40.60	65.60	58.00	56.10	51.20	93.20	86.70
R.I.....	47.50	40.00	57.00	50.00	55.00	49.00	72.00	63.00
S.C.....	45.60	41.70	61.10	53.60	53.80	47.20	71.30	56.90
S.Dak.....	48.00	42.10	69.90	63.30	66.00	59.10	82.90	68.90
Tenn.....	42.20	39.40	65.60	53.30	52.00	46.20	70.40	57.10
Tex.....	45.80	42.60	67.30	64.10	65.20	62.40	73.60	62.50
Utah.....	43.30	39.40	65.20	59.40	60.30	52.30	75.50	63.30
Vt.....	48.00	40.00	61.00	56.00	58.00	53.00	72.00	57.00
Va.....	44.90	38.30	60.10	55.60	52.50	50.30	75.50	56.10
Wash.....	45.20	41.00	65.80	64.60	62.40	62.90	74.00	60.00
W.Va.....	44.50	38.90	60.00	52.30	52.80	47.50	79.30	66.90
Wis.....	46.70	42.50	63.20	58.00	50.80	50.70	106.00	103.00
Wyo.....	48.20	44.50	69.90	62.80	65.00	59.00	82.50	67.00
U.S.....	45.70	41.30	66.90	62.40	62.40	58.60	76.80	64.00

See footnotes at end of table.

Table 451.—Livestock: Average price per 100 pounds received by farmers, by States, 1980 and 1981—Continued

State	Hogs <sup>3</sup>		Sheep		Lambs	
	1980	1981	1980	1981	1980	1981
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Ala.....	37.00	43.00				
Alaska.....	75.00	75.00	30.00	35.00	55.00	60.00
Ariz.....	41.20	46.50	18.80	18.70	64.50	54.60
Ark.....	37.50	43.30				
Calif.....	40.90	48.00	16.10	17.00	63.00	56.30
Colo.....	38.50	44.10	18.00	18.40	64.90	57.20
Conn.....	37.00	43.00	42.00	41.00	83.00	100.00
Del.....	40.10	45.50				
Fla.....	37.00	43.60				
Ga.....	36.10	43.10				
Hawaii.....	69.80	72.20				
Idaho.....	36.00	40.60	17.20	15.70	62.60	54.80
Ill.....	38.50	44.10	24.10	19.80	58.80	49.30
Ind.....	38.20	44.10	24.50	20.00	59.20	48.30
Iowa.....	38.00	43.80	27.20	23.90	62.80	53.30
Kans.....	36.90	42.80	22.00	22.30	63.50	56.30
Ky.....	38.50	44.50	18.10	16.60	60.30	55.30
La.....	37.00	41.70	23.00	25.00	62.00	55.00
Maine.....	37.00	43.00	42.00	37.00	74.00	85.00
Md.....	40.10	45.50	20.90	21.30	59.70	55.00
Mass.....	37.00	43.00	42.00	45.00	77.00	100.00
Mich.....	38.80	43.70	27.90	19.80	63.20	51.90
Minn.....	38.30	43.60	17.00	16.40	63.20	52.90
Miss.....	38.70	44.40				
Mo.....	37.40	43.20	25.70	24.60	61.90	51.30
Mont.....	37.20	41.40	17.70	17.40	61.70	47.20
Nebr.....	38.10	43.70	24.50	22.10	64.30	53.30
Nev.....	38.70	32.30	16.90	18.00	60.70	53.80
N.H.....	37.00	43.00	39.00	38.00	81.00	90.00
N.J.....	35.70	43.10	32.00	32.10	58.00	46.10
N. Mex.....	39.10	42.30	22.60	22.70	61.90	51.00
N.Y.....	39.00	44.10	22.30	22.40	67.00	60.50
N.C.....	37.60	44.00	22.00	21.50	54.00	52.00
N. Dak.....	35.00	40.80	24.60	16.80	61.90	48.90
Ohio.....	38.10	44.60	25.30	22.40	62.60	53.00
Okla.....	37.20	42.70	15.00	17.30	62.00	56.30
Oreg.....	36.30	44.20	13.70	15.70	60.40	54.40
Pa.....	38.90	46.80	25.00	22.10	62.60	66.80
R.I.....	37.00	43.00				
S.C.....	37.30	41.30				
S. Dak.....	37.90	43.80	30.90	22.10	64.40	53.40
Tenn.....	38.20	43.80	19.50	17.30	62.10	60.50
Tex.....	35.90	41.70	22.70	23.20	66.70	56.80
Utah.....	36.70	40.60	16.50	17.30	61.60	51.80
Vt.....	37.00	43.00	43.00	32.00	76.00	78.00
Va.....	38.70	44.20	20.00	18.00	61.00	55.00
Wash.....	40.60	45.50	10.00	13.00	63.00	53.20
W. Va.....	37.80	44.60	20.70	17.90	61.60	54.30
Wis.....	38.00	43.10	16.20	17.00	63.60	54.00
Wyo.....	37.00	43.40	20.20	19.50	64.70	48.10
U.S.....	38.00	43.90	21.10	21.20	63.60	54.90

<sup>1</sup>Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement.<sup>2</sup>Weighted average of prices for cows, and for steers and heifers.<sup>3</sup>December of preceding year through November.

Statistical Reporting Service.

Table 452.—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, 1965-81

Year	Sheep and lambs shorn <sup>1</sup>	Weight per fleece	Shorn wool production	Price per pound <sup>2</sup>	Value of production <sup>3</sup>	Pulled wool production	
						Average weight per skin	Total
	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	1,000 Pounds
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.....	22,056	8.57	188,984	39.8	75,177	3.44	22,400
1968.....	20,759	8.55	177,396	40.5	71,778	3.43	20,500
1969.....	19,584	8.46	165,749	41.8	69,516	3.46	17,100
1970.....	19,163	8.43	161,587	35.4	57,162	3.40	15,200
1971.....	19,036	8.41	160,156	19.6	31,416	3.46	12,000
1972.....	18,770	8.44	158,506	35.0	55,496	3.40	9,700
1973.....	17,425	8.25	143,738	82.7	118,839	3.49	8,000
1974.....	15,956	8.23	131,382	59.2	77,788	3.31	5,700
1975.....	14,403	8.30	119,535	44.8	53,505	3.35	6,000
1976.....	13,586	8.21	111,100	66.0	73,332	3.34	4,850
1977.....	13,217	8.12	107,328	72.0	77,276	3.30	2,450
1978.....	12,719	8.09	102,942	74.5	76,690	3.15	1,000
1979.....	13,068	8.02	104,860	86.3	90,531	3.20	900
1980.....	13,255	7.95	105,367	88.1	92,799	3.08	1,050
1981 <sup>4</sup> .....	13,484	8.14	109,753	94.5	103,744	3.03	1,150

  

Year	Total wool production	Apparel wool (clean content)				Carpet wool imports for consumption (clean content) <sup>7</sup>
		Domestic production <sup>5</sup>	Exports domestic wool <sup>6</sup>	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
1965.....	224,763	113,084	617	162,637	275,104	108,943
1966.....	219,153	110,609	86	162,537	273,060	114,625
1967.....	211,384	106,475	102	109,071	215,444	78,205
1968.....	197,896	99,563	543	129,787	228,737	119,599
1969.....	182,849	91,528	196	93,523	184,855	95,664
1970.....	176,787	88,158	200	79,810	167,768	73,325
1971.....	172,156	85,142	6,318	42,682	121,506	89,893
1972.....	168,206	90,762	11,224	24,790	104,328	71,849
1973.....	151,738	81,726	3,726	19,601	97,601	40,524
1974.....	137,082	73,525	4,271	11,799	81,053	15,148
1975.....	125,535	67,488	7,674	16,605	76,419	17,021
1976.....	115,950	62,197	1,130	38,387	99,454	19,076
1977.....	109,778	58,455	385	36,303	94,373	22,655
1978.....	103,942	55,082	425	27,000	81,657	23,404
1979.....	105,760	56,022	313	20,283	75,992	22,047
1980.....	106,417	56,399	304	30,491	86,585	25,992
1981 <sup>4</sup> .....	110,903	58,788	307	48,106	106,587	26,145

<sup>1</sup> Includes sheep shorn at commercial feeding yards.

<sup>2</sup> Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.

<sup>3</sup> Production by States multiplied by annual average price.

<sup>4</sup> Preliminary.

<sup>5</sup> Conversion factors from grease basis to clean basis are as follows: Shorn wool production—47.7 percent (Stat. Bull. 362) from 1965-1971, and 52.8 percent (Stat. Bull. 616) from 1972-1980; pulled wool production—72.9 percent.

<sup>6</sup> Includes carpet wool exports.

<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.

Economic Research Service and Statistical Reporting Service. Imports and exports from reports of the U.S. Department of Commerce.



Table 453.—Wool: Production in specified countries, greasy basis, 1979-81 <sup>1</sup>

Continent and country	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	Continent and country	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <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
North America:							
Canada <sup>3</sup> .....	1	1	1	Soviet Union.....	412	443	454
Mexico.....	4	4	4	Africa:			
United States <sup>4</sup> .....	48	49	50	Egypt.....	3	3	3
Total.....	53	54	55	Morocco.....	21	22	22
South America:				South Africa <sup>5</sup> .....	110	112	112
Argentina.....	166	163	163	Total.....	134	137	137
Brazil.....	31	35	33	Asia:			
Chile.....	20	21	22	China.....	153	176	180
Colombia.....	1	1	1	India.....	35	35	35
Peru.....	11	10	10	Iraq.....	18	18	18
Uruguay.....	72	79	79	Pakistan.....	39	43	44
Total.....	301	309	308	Turkey.....	59	61	62
Europe:				Total.....	304	333	339
France.....	26	27	27	Oceania:			
Greece.....	11	10	10	Australia.....	709	700	711
Germany, Fed. Rep. of.....	5	5	5	New Zealand.....	357	381	385
Ireland.....	8	8	8	Total.....	1066	1081	1096
Italy.....	12	13	13	World total <sup>6</sup> .....	2553	2641	2653
Netherlands.....	1	1	1				
United Kingdom.....	48	50	42				
Total EC.....	111	114	106				
Norway.....	6	5	6				
Portugal.....	11	9	9				
Spain.....	29	28	21				
Sweden.....	1	1	1				
Total Other							
Western Europe.....	47	43	37				
Bulgaria.....	35	36	37				
Czechoslovakia.....	7	7	7				
German Dem. Rep.....	11	12	12				
Hungary.....	11	11	11				
Poland.....	14	14	13				
Romania.....	37	37	30				
Yugoslavia.....	10	10	11				
Total Eastern Europe....	125	127	121				
Total Europe.....	283	284	264				

<sup>1</sup> Includes shorn wool, 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 and subject to revision.

<sup>3</sup> Does not include pulled wool.

<sup>4</sup> Includes pulled wool converted to greasy basis using 1.7 as conversion factor.

<sup>5</sup> Includes Republic of South Africa, Lesotho, and Namibia (South-West Africa).

<sup>6</sup> Totals may not add due to rounding.

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

Table 454.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1979-81

State	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn wool production			Price per pound			Value of production <sup>3</sup>		
	1979	1980	1981 <sup>4</sup>	1979	1980	1981 <sup>4</sup>	1979	1980	1981 <sup>4</sup>	1979	1980	1981 <sup>4</sup>	1979	1980	1981 <sup>4</sup>
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	1,000 Pounds	1,000 Pounds	1,000 Pounds	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Alaska.....	3.0	3.3	1.5	10.7	10.5	10.0	32	35	15	91	70	51	29	25	8
Ariz. <sup>5</sup> .....	350	326	325	7.2	7.1	7.4	2,576	2,329	2,417	69	77	78	1,777	1,793	1,885
Calif. <sup>5</sup> .....	1,364	1,402	1,415	7.7	7.5	7.5	10,503	10,478	10,645	85	88	94	8,928	9,221	10,006
Colo. <sup>5</sup> .....	1,130	1,100	980	7.6	7.6	7.8	8,533	8,338	7,656	86	89	89	7,338	7,421	6,814
Conn. <sup>5</sup> .....	5.3	5.3	5.6	6.8	7.0	7.0	36	37	39	82	85	78	30	31	30
Idaho <sup>5</sup> .....	473	477	493	10.5	10.1	10.1	4,927	4,835	4,972	85	90	88	4,188	4,352	4,375
Ill. <sup>5</sup> .....	181	189	192	7.1	7.0	6.8	1,322	1,327	1,307	73	69	70	965	916	915
Ind. <sup>5</sup> .....	121	117	128	7.3	7.2	7.1	1,211	846	908	68	67	67	823	567	608
Iowa <sup>5</sup> .....	453	475	495	7.3	7.2	7.2	3,046	3,427	3,569	74	70	71	2,254	2,399	2,534
Kans. <sup>5</sup> .....	245	251	230	7.3	7.1	7.3	1,784	1,794	1,684	78	77	80	1,392	1,381	1,347
Ky. <sup>5</sup> .....	21	24	25	7.2	7.0	6.8	151	168	170	76	70	64	107	118	109
La. <sup>5</sup> .....	12	10	10	6.2	6.1	6.0	74	61	60	68	80	68	50	49	41
Maine.....	11	12	13	6.8	6.8	6.6	75	82	86	80	85	77	60	70	66
Md. <sup>5</sup> .....	18	18	18	7.1	6.9	7.0	128	124	126	82	75	82	105	93	103
Mass.....	6.6	6.8	7.0	6.8	6.9	7.0	45	47	49	84	88	90	38	41	44
Mich. <sup>5</sup> .....	118	122	127	7.9	7.8	7.7	934	950	975	73	74	70	682	703	683
Minn. <sup>5</sup> .....	252	275	308	7.7	7.2	7.3	1,933	1,990	2,252	71	73	70	1,372	1,453	1,576
Mo. <sup>5</sup> .....	127	133	145	7.3	7.1	7.1	928	942	1,036	75	70	72	696	659	746
Mont. <sup>5</sup> .....	510	539	560	9.7	9.9	10.1	4,307	5,358	5,670	94	99	102	4,049	5,304	5,783
Nebr. <sup>5</sup> .....	235	230	240	6.7	7.0	7.2	1,506	1,610	1,728	75	74	74	1,130	1,191	1,279
Nev. <sup>5</sup> .....	109	108	112	10.3	10.0	10.0	1,030	1,080	1,120	84	88	97	865	950	1,086
N.H. <sup>5</sup> .....	6.6	6.7	7.0	6.7	6.9	6.8	44	46	48	82	93	83	36	43	40
N.J. <sup>5</sup> .....	8.5	8.7	8.9	6.8	6.9	6.8	58	60	61	82	73	79	48	44	48
N. Mex. <sup>5</sup> .....	545	555	555	9.1	9.2	9.3	4,978	5,080	5,180	92	90	106	4,580	4,572	5,491
N. Y. <sup>5</sup> .....	55	56	57	7.2	7.4	7.4	396	414	422	85	80	84	337	331	354
N.C. <sup>5</sup> .....	6	6.5	7.0	6.8	7.1	7.0	41	46	49	80	76	80	33	35	39
N. Dak. <sup>5</sup> .....	175	212	230	9.7	9.4	9.6	1,670	1,989	2,216	82	84	79	1,369	1,671	1,751
Ohio <sup>5</sup> .....	345	313	321	7.4	7.3	7.2	2,552	2,290	2,325	72	75	72	1,837	1,718	1,674
Okla. <sup>5</sup> .....	86	93	95	7.6	7.2	7.6	620	674	721	75	75	78	465	506	562
Oreg. <sup>5</sup> .....	565	555	600	6.7	7.0	6.9	3,610	3,880	4,154	85	83	82	3,069	3,220	3,406
Pa. <sup>5</sup> .....	93	98	100	7.1	6.9	6.7	554	676	670	85	78	80	471	527	536
S. Dak. <sup>5</sup> .....	765	755	770	8.9	9.2	9.3	7,019	6,982	7,127	84	88	88	5,896	6,144	6,272
Tenn. <sup>5</sup> .....	11	10	9	5.9	5.7	6.2	65	57	56	79	73	77	51	42	43
Tex. <sup>5</sup> .....	2,720	2,700	2,800	7.0	6.8	7.4	19,075	18,300	20,900	97	97	120	18,503	17,751	25,080
Utah <sup>5</sup> .....	563	575	590	10.2	9.9	10.2	4,689	5,670	6,010	88	90	92	4,126	5,103	5,529
Vt. <sup>5</sup> .....	7.5	7.8	9.0	7.2	7.2	7.1	54	56	64	85	82	84	46	46	54
Va. <sup>5</sup> .....	145	146	147	6.3	6.5	6.5	914	949	956	90	81	86	823	769	822
Wash. <sup>5</sup> .....	76	74	80	9.0	9.0	8.6	523	666	688	81	82	77	424	546	530
W. Va. <sup>5</sup> .....	105	107	102	5.9	5.8	5.8	620	621	592	88	78	87	546	484	515
Wis. <sup>5</sup> .....	93	113	118	7.8	7.5	7.5	724	848	880	72	72	69	521	611	607
Wyo. <sup>5</sup> .....	952	1,040	1,048	10.0	9.8	9.7	9,516	10,205	10,150	91	97	102	8,660	9,899	10,353
U.S. <sup>5</sup> .....	13,068	13,255	13,484	8.02	7.95	8.14	102,803	105,367	109,753	*86	*88	*95	88,719	92,799	103,744

Table 455.—Wool: Price-support operations, United States, 1965-81

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments <sup>3</sup>		Amount of payments <sup>4</sup>		
	Support	Season average received by producers	Average for shorn wool per pound <sup>1</sup>	Unshorn lambs per cwt. <sup>2</sup>	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Million dollars	Million dollars	Million dollars
1965	62	47.1	14.9	60	195	1,207	28.1	6.1	34.2
1966	65	52.1	12.9	52	170	1,201	21.1	5.1	26.2
1967	66	39.8	26.2	105	189	1,150	47.8	9.9	57.7
1968	67	40.5	26.5	106	176	1,114	44.8	9.6	54.4
1969	69	41.8	27.2	109	160	1,035	41.5	9.1	50.6
1970	72	35.5	36.5	146	149	1,005	52.0	12.0	64.0
1971	72	19.4	52.6	210	169	978	85.0	17.3	102.3
1972	72	35.0	37.0	148	158	957	55.8	11.8	67.6
1973	72	82.7							
1974	72	59.1	12.9	52	95	613	11.6	2.9	14.5
1975	72	44.7	27.3	109	135	571	35.1	5.7	40.8
1976	72	65.7	6.3	25	96	471	5.8	1.2	7.0
1977	99	72.0	27.0	108	96	424	24.3	4.6	28.9
1978	108	74.5	33.5	134	92	386	29.6	5.2	34.8
1979	115	86.3	28.7	115	95	392	26.3	4.5	30.8
1980	123	88.1	34.9	140	96	388	32.0	5.5	37.5
1981	135	94.5	40.5	162					

<sup>1</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 marketing of shorn wool.

<sup>2</sup> For unshorn lambs sold.

<sup>3</sup> Unadjusted for weight of unshorn lambs produced.

<sup>4</sup> Payments for wool produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 456.—Wool: Average price per pound, clean basis, delivered to United States mills, 1965-81

Year	Territory <sup>1</sup>		Fleece % blood good French combing and staple <sup>2</sup>	Australian 64's good topmaking (in bond, American yield)
	Fine good French combing and staple	% blood good French combing and staple		
	Cents	Cents	Cents	Cents
1965	125	121	119	116
1966	135	125	117	126
1967	122	98	91	115
1968	121	96	84	118
1969	122	96	86	117
1970 <sup>3</sup>	103	89	87	94
1971	66	65	66	80
1972	116	94	93	132
1973	250	167	159	304
1974	176	126	119	217
1975	150	96	86	180
1976 <sup>4</sup>	182	143	136	192
1977	183	161	158	202
1978	189	169	164	208
1979	218	182	175	251
1980	245	195	186	289
1981	278	185	177	301

<sup>1</sup> Wool grown in the range areas of Oregon, Washington, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Kansas, Nebraska, and Oklahoma. These wools vary considerably in shrinkage and color.

<sup>2</sup> Most wool grown in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, and parts of Minnesota, Wisconsin, Iowa, and Missouri is somewhat dark in color and of moderately heavy shrinkage. Most of that grown in the States which are east of the Mississippi river and in parts of Minnesota, Iowa, and Missouri is bright in color and of relatively light shrinkage.

<sup>3</sup> Beginning January 1970 reported as Australia Type 62-64's.

<sup>4</sup> Beginning January 1976, the unit designation terminology for wool prices changed to microns. For example, Fine good French combing and staple now reads as 64's (20.60-22.4 microns) Staple 2½" and up French combing 2½"-2¾". For fleece % blood good French combing and staple, there are now two designations as follows: 56's (26.40-27.84 microns) and 58's (24.95-26.39 microns) staple 3½" and up. An average of the two is given in the price data here.

Economic Research Service.

**Table 457.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1972-81<sup>1</sup>**

Item	1972	1973	1974	1975	1976	1977	1978 <sup>2</sup>	1979	1980	1981 <sup>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.....	19.9	13.6	10.9	15.7	20.6	22.3	24.4	29.0	28.2	35.2
50's up to 60's.....	26.7	24.7	18.9	25.3	29.2	26.3	28.6	28.3	28.8	29.3
48's and coarser.....	3.6	3.4	3.2							
Total.....	50.2	41.7	33.0	41.0	49.8	48.6	53.0	57.4	57.0	64.5
Worsted system:										
60's and finer.....	54.6	40.2	23.8	34.1	34.9	27.6	32.7	30.1	35.5	41.2
Coarser than 60's.....	37.4	28.0	18.0	19.0	21.9	19.3	16.5	19.1	20.9	22.0
Total.....	92.0	68.2	41.8	53.1	56.8	46.9	49.2	49.2	56.4	63.3
Total apparel:										
60's and finer.....	74.5	53.8	34.8	49.8	55.5	49.9	57.2	59.2	63.8	76.4
Coarser than 60's.....	67.7	56.1	40.1	44.3	51.1	45.6	45.1	47.4	49.6	51.4
Total.....	142.2	109.9	74.9	94.1	106.6	95.5	102.2	106.5	113.4	127.8
Carpet wool <sup>7</sup> .....	76.4	41.4	18.6	15.9	15.1	12.5	13.0	10.5	10.0	10.6

<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 and (2) on the worsted system 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 1975, 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 458.—Wool: United States imports (for consumption), clean content, by grades, 1972-81<sup>1</sup>**

Grade	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981 <sup>2</sup>
Dutiable: <sup>3</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>
56's and finer <sup>4</sup> .....	21.4	15.7	8.1	13.7	32.7	27.1	19.8	14.1	27.2	39.7
46's to 56's <sup>5</sup> .....	1.1	1.0	.9	.6	1.6	3.2	7.2	6.2	3.3	8.4
40's to 46's <sup>6</sup> .....	.9	.7	.9	.6	.8	1.5				
Not finer than 40's.....	1.2	1.9	1.8	1.6	3.1	4.2				
Named and similar wools.....	.2	.3	.1	.1	.2	.3				
Total.....	24.8	19.6	11.8	16.6	38.4	36.3	27.0	20.3	30.5	48.1
Duty-free: <sup>3</sup>										
Named and similar wools.....	7.9	5.7	.5	.9	1.1	1.2	1.6	2.0	1.8	3.3
Other.....										
Not finer than 40's.....	43.3	26.9	10.3	13.1	14.7	16.9	12.8	10.2	10.1	7.9
40' to 44's.....	16.9	6.9	3.4	2.3	2.3	3.8	4.7	5.6	7.9	5.9
44's to 46's <sup>7</sup> .....	3.7	1.1	.9	.7	1.0	.8	4.3	4.2	6.3	9.0
Total.....	71.8	40.6	15.1	17.0	19.1	22.7	23.4	22.0	26.0	26.1

<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. <sup>3</sup> Beginning November 1977 duty-free wools include and are limited to all 46's and coarser grades of wool by Public Law 95-162, Beginning January 1978 Bureau of Census data combined duty-free 46's and dutiable 48's wools. In recent years prior to the combination, imports of 48's were negligible compared with 46's.

<sup>4</sup> Finer than 58's beginning in 1978. <sup>5</sup> 50's through 58's beginning in 1978. <sup>6</sup> Beginning in November 1977 duties were suspended through June 30, 1980. <sup>7</sup> Beginning in 1978 through June 30, 1980 the totals include all wools grading 48's and coarser except for named wools.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 459.—Wool (actual weight): International trade, 1978-80<sup>1</sup>

Country	1978 <sup>1</sup>		1979 <sup>1</sup>		1980 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>North America:</b>						
Canada.....	0.5	3.9	0.3	5.3	0.4	5.0
Mexico.....	.....	3.0	.....	4.5	.....	4.5
United States.....	2	28.5	2	24.0	2	33.0
Total <sup>3</sup> .....	7	35.4	5	33.8	6	42.5
<b>South America:</b>						
Argentina.....	78.0	.....	80.0	.....	80.0	.....
Brazil.....	5.1	1	2.3	.....	1.9	.....
Chile.....	10.6	1	12.9	5	13.0	5
Colombia.....	.....	3.6	.....	1.9	.....	2.3
Peru.....	1.8	.....	1.7	.....	1.5	.....
Uruguay.....	31.9	.....	39.3	.....	40.4	.....
Total <sup>3</sup> .....	127.4	3.8	136.2	2.4	136.8	2.8
<b>Europe:</b>						
Belgium and Luxembourg.....	8.2	51.5	7.9	54.5	8.0	55.0
Denmark.....	1	3.3	4	4.5	4	5.0
France.....	35.7	114.2	37.7	128.7	38.0	120.0
Greece.....	6	16.1	5	16.0	5	16.5
Germany, Fed. Rep. of.....	7.4	60.6	9.3	71.8	9.0	70.0
Ireland.....	7.6	7.2	8.6	7.2	8.0	7.2
Italy.....	3.7	92.5	4.5	115.3	4.0	100.0
Netherlands.....	5.7	8.2	5.5	8.0	5.5	8.0
United Kingdom.....	27.5	148.7	31.9	121.5	35.0	130.0
Total EC.....	96.5	502.3	106.3	527.5	108.4	511.7
Austria.....	.1	3.9	.1	4.5	.2	4.7
Norway.....	2.0	.9	2.0	.8	2.0	.8
Portugal.....	.2	2.7	.3	6.1	.4	4.0
Spain.....	17.6	13.2	12.0	15.0	15.0	14.0
Sweden.....	.8	1.2	.8	1.2	.8	1.2
Switzerland.....	.7	7.0	1.0	6.0	.7	6.0
Total Western Europe <sup>3</sup> .....	117.9	531.2	122.5	561.1	127.5	542.4
Bulgaria.....	.5	.7	.5	.7	.5	.7
Czechoslovakia.....	.8	18.0	.8	18.0	.8	18.0
German Dem. Rep.....	.....	11.9	.....	12.7	.....	12.6
Hungary.....	.6	2.9	.6	2.9	.6	2.9
Poland.....	.....	21.8	.....	20.2	.....	22.0
Romania.....	.1	3.0	.1	3.0	.1	3.0
Yugoslavia.....	.7	15.2	1.0	14.0	1.0	14.0
Total Eastern Europe <sup>3</sup> .....	2.7	73.5	3.0	71.5	3.0	73.2
Total Europe <sup>3</sup> .....	120.6	604.7	125.5	632.6	130.5	615.6
Soviet Union.....	1.8	127.0	1.6	130.0	1.5	133.0
<b>Africa:</b>						
Egypt.....	.8	10.0	.8	10.0	.8	10.0
Morocco.....	.....	4.9	.....	5.2	.....	3.5
South Africa <sup>4</sup> .....	87.6	.8	73.1	1.3	65.0	1.0
Total.....	88.4	15.7	73.9	16.5	65.8	14.5

See footnotes at end of table.

Table 459.—Wool (actual weight): International trade, 1978-80—Continued

Country	1978 <sup>1</sup>		1979 <sup>1</sup>		1980 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Asia:</b>						
India .....	1.0	11.5	1.0	11.0	1.0	11.0
Israel .....		2.1		2.0		2.0
Japan .....		201.9		213.3		200.0
Korea, Rep. of .....		21.6		24.2		28.0
Pakistan .....	7.4	1.4	7.5	1.4	7.5	1.4
Taiwan .....	1.0	17.0	1.0	17.0	1.0	17.0
Turkey .....		5.4		6.5		7.0
Total Asia .....	9.4	260.9	9.5	275.4	9.5	266.4
<b>Oceania:</b>						
Australia <sup>5</sup> .....	626.7	9.3	669.0	9.0	668.0	9.0
New Zealand <sup>5</sup> .....	291.9		297.0		310.0	
Total Oceania .....	918.6	9.3	966.0	9.0	978.0	9.0
Total selected countries <sup>3</sup> .....	1,266.9	1,056.8	1,311.6	1,099.7	1,322.7	1,083.8

<sup>1</sup> Preliminary and subject to revision.<sup>2</sup> Washed, scoured, or clean basis.<sup>3</sup> Includes allowances for missing data for countries shown and data for minor exporting and importing countries not shown.<sup>4</sup> Includes exports from Namibia (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 460.—Wool: United States imports (for consumption), clean content, by country of origin, 1972-81 <sup>1</sup>

Country of origin	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981 <sup>2</sup>
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
<b>Dutiable:</b>										
Argentina .....	0.3	1.2	1.0	1.5	4.3	4.4	3.2	1.7	3.9	8.7
Australia .....	16.7	9.4	5.8	11.9	28.4	21.7	21.2	16.0	22.8	28.9
New Zealand .....	2.7	3.1	3.3	2.1	4.2	6.3	1.6	.8	1.1	1.6
South Africa .....	4.1	3.4	1.1	.7	.5	.5	.3	.4	.2	1.9
Uruguay .....	.1	.2	.2	.1	.1	.2	.3	.5	1.2	4.0
Other .....	.9	.7	.4	.3	.9	3.2	.4	.9	1.3	3.0
Total .....	24.8	18.0	11.8	16.6	38.4	36.3	27.0	20.3	30.5	48.1
<b>Duty-free:</b>										
Argentina .....	9.4	3.2	.6	1.7	1.7	2.7	3.2	3.3	2.3	2.3
Iraq .....	1.9	1.3	.4	.1	.6	.3	.4	.3	.4	
New Zealand .....	45.0	28.3	12.3	11.6	11.2	15.9	16.2	15.0	20.2	18.0
Pakistan .....	.3	.4								
Syria .....	1.5	1.5		.3	.6	.3	.7	.2	.2	.3
United Kingdom .....	7.9	3.5	1.7	2.5	2.3	2.0	2.1	2.3	1.7	3.5
Other .....	5.8	2.3	.1	.8	2.7	1.5	.8	.9	1.2	2.0
Total .....	71.8	40.5	15.1	17.0	19.1	22.7	23.4	22.0	26.0	26.1
Grand total .....	96.6	58.5	26.9	33.6	57.1	59.0	50.4	42.3	56.5	74.3

<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 461.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1965-81 <sup>1</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>
1965.....	4,803	6.7	32,420	65.5	21,251
1966.....	4,659	6.3	29,576	53.7	15,896
1967.....	4,113	6.6	27,127	40.9	11,100
1968.....	3,966	6.6	26,022	45.2	11,754
1969.....	3,174	6.6	20,810	65.1	13,549
1970.....	2,891	6.5	18,677	39.1	7,299
1971.....	2,189	6.8	14,885	30.1	4,480
1972.....	1,521	6.7	10,190	83.0	8,458
1973.....	1,450	6.8	9,930	187.0	18,569
1974.....	1,175	7.1	8,400	137.0	11,508
1975.....	1,215	7.1	8,600	185.0	15,910
1976.....	1,100	7.4	8,100	297.0	24,057
1977.....	1,215	6.5	8,000	287.0	22,960
1978.....	1,188	6.8	8,100	459.0	37,179
1979.....	1,275	7.3	9,300	510.0	47,430
1980.....	1,240	7.1	8,800	350.0	30,800
1981.....	1,270	7.6	9,700	350.0	33,950

<sup>1</sup>Includes Arizona, California, Missouri, New Mexico, Texas, Oregon, and Utah, 1965-70; beginning 1971, Texas only.

<sup>2</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>3</sup>Production multiplied by price per pound.

Statistical Reporting Service.

**Table 462.—Mohair: Price-support operations, United States, 1965-81**

Marketing year	Price per pound		Average payment rate per pound <sup>1</sup>	Marketings covered by payments	Amount of payments <sup>2</sup>
	Support	Season average received by producers			
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Million pounds</i>	<i>Million dollars</i>
1965.....	72.0	65.5	6.5	29.7	2.0
1966.....	75.8	53.7	22.1	29.1	6.5
1967.....	76.4	40.9	35.5	32.1	11.5
1968.....	77.4	45.2	32.2	33.0	10.6
1969.....	77.4	65.1	12.3	15.9	2.0
1970.....	80.2	39.1	41.1	19.1	7.8
1971.....	80.2	30.1	50.1	20.0	10.0
1972.....	80.2	81.4	.....	.....	.....
1973.....	80.2	187.0	.....	.....	.....
1974.....	80.2	137.0	.....	.....	.....
1975.....	80.2	185.0	.....	.....	.....
1976.....	80.2	297.0	.....	.....	.....
1977.....	149.8	287.0	.....	.....	.....
1978.....	164.7	459.0	.....	.....	.....
1979.....	194.3	510.0	.....	.....	.....
1980.....	290.3	350.0	.....	.....	.....
1981.....	371.8	350.0	21.8	.....	.....

<sup>1</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 marketing of mohair.

<sup>2</sup>Payments for mohair produced during the year shown are made after Mar. 31 of the following year.

Agricultural Stabilization and Conservation Service.

Table 463.—Red meat and lard: Production, by class of slaughter, United States, 1965-81

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federal-ly inspected	Other	Total <sup>1</sup>			Federal-ly inspected	Other	Total <sup>1</sup>		
	Beef					Pork, excluding lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965	15,421	2,904	18,325	368	18,693	9,331	1,405	10,736	429	11,165
1966	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	184	20,846	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
1970	19,152	2,320	21,472	180	21,652	12,114	1,134	13,248	181	13,429
1971	19,373	2,324	21,697	171	21,868	13,452	1,155	14,606	177	14,783
1972	20,241	1,978	22,218	169	22,387	12,551	908	13,460	171	13,631
1973	19,294	1,794	21,088	189	21,277	11,879	699	12,578	173	12,751
1974	20,937	1,907	22,844	294	23,138	12,856	727	13,583	222	13,805
1975	21,626	2,045	23,671	303	23,974	10,733	581	11,314	189	11,503
1976	23,726	1,941	25,667	302	25,969	11,699	519	12,219	196	12,415
1977	23,364	1,622	24,986	293	25,279	12,518	533	13,051	196	13,247
1978	22,623	1,387	24,010	232	24,242	12,689	520	13,209	184	13,393
1979	20,059	1,202	21,261	185	21,446	14,668	602	15,270	180	15,450
1980	20,273	1,197	21,470	174	21,644	15,742	689	16,431	184	16,615
1981	21,043	1,171	22,214	175	22,389	15,114	605	15,719	156	15,875
	Veal					Lamb and mutton				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965	572	364	936	82	1,018	576	63	639	12	651
1966	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
1970	337	220	558	30	588	514	26	540	11	551
1971	324	192	516	30	546	522	22	544	11	555
1972	283	146	429	30	459	515	19	533	10	543
1973	210	115	325	32	357	486	17	504	10	514
1974	285	157	442	44	486	440	14	454	11	465
1975	494	333	827	46	873	385	14	399	11	410
1976	563	250	813	40	853	349	12	361	10	371
1977	569	225	794	40	834	330	11	341	10	351
1978	447	153	600	32	632	290	10	300	9	309
1979	315	95	410	24	434	275	9	284	9	293
1980	296	83	379	21	400	299	11	310	8	318
1981	324	91	415	21	436	317	11	328	10	338
	All meat, excluding lard					Lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965	25,900	1,736	30,636	891	31,527	1,772	208	1,980	70	2,050
1966	26,953	5,170	32,124	458	32,582	1,695	202	1,897	32	1,929
1967	28,576	5,177	33,753	441	34,194	1,835	208	2,044	32	2,076
1968	30,145	4,671	34,817	420	35,237	1,862	169	2,032	30	2,062
1969	30,947	3,968	34,914	381	35,295	1,755	125	1,879	25	1,905
1970	32,117	3,700	35,818	402	36,220	1,776	112	1,888	25	1,913
1971	33,671	3,693	37,363	389	37,752	1,830	106	1,936	24	1,960
1972	33,590	3,051	36,640	380	37,020	1,465	77	1,541	20	1,561
1973	31,869	2,625	34,495	404	34,899	1,181	54	1,235	18	1,253
1974	34,518	2,805	37,323	571	37,894	1,289	55	1,344	22	1,366
1975	33,238	2,973	36,211	549	36,760	956	39	995	17	1,012
1976	36,337	2,722	39,060	548	39,608	1,010	34	1,044	17	1,061
1977	36,781	2,391	39,172	539	39,711	994	27	1,021	16	1,037
1978	36,049	2,070	38,119	457	38,576	968	23	991	15	1,006
1979	35,317	1,908	37,225	398	37,623	1,112	29	1,141	14	1,155
1980	36,611	1,979	38,590	387	38,977	1,173	30	1,203	14	1,217
1981	36,798	1,877	38,675	362	39,037	1,131	24	1,155	12	1,167

<sup>1</sup>Totals are based on unrounded data.  
Statistical Reporting Service.



**Table 464.—Meat and meat food products: Quantity prepared and processed under Federal inspection, United States, fiscal year, 1981<sup>1</sup>**

Product	Fiscal year 1981	Product	Fiscal year 1981
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Cured:		Sliced/package product:	
Beef.....	2,777,422	Sausage, loaves, luncheon meat.....	954,656
Pork.....	4,391,368	Ham.....	348,962
Other meats.....	41,952	Bacon.....	1,623,352
Smoked, dried or cooked:		Other.....	390,982
Bacon.....	1,721,885	Convenience foods (frozen and/or unfro- zen):	
Hams.....	1,832,933	Pizza.....	528,581
Pork.....	469,244	Pies.....	180,190
Beef.....	296,790	Dinners.....	251,154
Other smoked.....	285,901	Entrees.....	327,090
Fresh/frozen products:		Other.....	276,776
Beef cuts.....	10,145,357	Miscellaneous meat products:	
Pork cuts.....	12,863,370	Cured meat loaves.....	105,427
Other cuts.....	544,777	Non-specific loaves.....	178,822
Beef, boned.....	6,437,738	Meat patties.....	547,448
Pork, boned.....	4,292,306	Other formulated products.....	220,181
Other, boned.....	301,657	Horse and equine products.....	48,217
Steaks, chops, roasts (chopped/formed).....	2,889,201	Animal food.....	4,752
Hamburger/ground beef.....	3,019,885		
Mechanically processed beef product.....	2,008	Total.....	61,460,826
Mechanically processed pork product.....	0		
Mechanically processed other product.....	366	Fats and oils:	
Other fresh/frozen.....	995,830	Lard, rendered.....	1,118,288
Sausage:		Lard, refined.....	728,921
Fresh.....	1,114,663	Tallow, edible.....	1,435,959
Uncooked cured.....	13,546	Compound containing animal fat.....	1,250,908
Dried/semi-dried.....	350,540	Oleomargarine containing animal fat.....	118,367
Frankfurters/wieners.....	1,449,330		
Bologna.....	791,278	Total.....	4,652,443
Liver sausage and braunschweiger.....	121,258		
Other.....	823,681	Total all products (includes canned).....	69,021,910

<sup>1</sup>Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories. Food Safety and Inspection Service.

**Table 465.—Canned meat products: Quantity produced under Federal inspection, United States, fiscal year, 1981<sup>1</sup>**

Product	Fiscal year 1981	Product	Fiscal year 1981
	<i>1,000 pounds</i>		<i>1,000 pounds</i>
Luncheon meat.....	272,770	Byproducts, other than pickled.....	3,609
Canned hams.....	265,442	Miscellaneous sausage product.....	25,354
Hash products.....	80,399	Corned beef.....	904
Chili con carne.....	345,273	Soups.....	569,071
Viennas.....	97,249	Pork shoulder picnics and loins.....	15,272
Frankfurter and wieners.....	1,294	All other meat and/or meat byproducts 20% or more meat.....	142,737
Deviled ham.....	13,074	All other meat and/or meat byproducts under 20% meat.....	441,164
Potted meat food products and spreads.....	41,534	Horse and equine products.....	23,307
Tamales.....	25,927	Animal food.....	948
Sliced dried beef.....	3,253		
Chopped beef, hamburgers.....	11,657	Total.....	2,908,641
Meat stew.....	130,089		
Pasta meat product.....	380,946		
Vinegar-pickled products.....	17,368		

<sup>1</sup>Total represents pounds of product inspected and is greater than total amount of meat used for processed products. Some products move from fresh to cured, to smoked, etc., and will be counted in each of these categories. Food Safety and Inspection Service.

Table 466.—Meat: Production by types in specified countries, 1980 and 1981 <sup>1</sup>

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total production	
	1980	1981 <sup>2</sup>	1980	1981 <sup>2</sup>	1980	1981 <sup>2</sup>	1980	1981 <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
<b>North America:</b>								
Canada.....	971	1,020	877	865	5	6	1,853	1,891
Costa Rica.....	67	75	5	5			72	80
Dominican Republic.....	43	48	12	1			55	49
El Salvador.....	33	30	14	11			47	41
Guatemala.....	90	97	16	17			106	114
Honduras.....	57	55	11	11			68	66
Mexico.....	1,060	1,105	470	490	57	58	1,587	1,653
Nicaragua.....	56	36	10	13			66	49
Panama.....	44	41	6	6			50	47
United States.....	9,999	10,353	7,537	7,200	144	153	17,680	17,697
<b>Total.....</b>	<b>12,420</b>	<b>12,860</b>	<b>8,958</b>	<b>8,619</b>	<b>206</b>	<b>217</b>	<b>21,584</b>	<b>21,696</b>
<b>South America:</b>								
Argentina.....	2,876	3,000	266	255	118	116	3,260	3,371
Brazil.....	2,150	2,250	1,000	980	48	48	3,198	3,278
Chile.....	179	195	55	63	20	19	254	277
Colombia.....	654	629	125	130	11	12	790	771
Ecuador.....	93	95	47	52	10	10	149	157
Peru.....	74	70	58	58	33	32	165	160
Uruguay.....	336	407	15	15	33	49	384	471
Venezuela.....	344	347	77	74	4	4	425	425
<b>Total.....</b>	<b>6,706</b>	<b>6,993</b>	<b>1,643</b>	<b>1,627</b>	<b>277</b>	<b>290</b>	<b>8,626</b>	<b>8,910</b>
<b>Europe:</b>								
<b>Belgium and Luxembourg.....</b>	<b>311</b>	<b>295</b>	<b>700</b>	<b>710</b>	<b>4</b>	<b>4</b>	<b>1,015</b>	<b>1,009</b>
Denmark.....	245	243	971	980	1	1	1,217	1,224
France.....	1,831	1,840	1,691	1,742	182	181	3,704	3,763
Germany, Fed. Rep. of.....	1,564	1,535	2,726	2,700	30	28	4,320	4,263
Greece.....	100	96	144	152	120	122	364	370
Ireland.....	446	315	154	158	42	41	642	514
Italy.....	1,148	1,130	981	990	72	70	2,201	2,190
Netherlands.....	376	416	1,062	1,134	19	17	1,457	1,567
United Kingdom.....	1,102	1,014	947	960	278	256	2,327	2,230
<b>Total EC.....</b>	<b>7,123</b>	<b>6,884</b>	<b>9,376</b>	<b>9,526</b>	<b>748</b>	<b>720</b>	<b>17,247</b>	<b>17,130</b>
Austria.....	200	192	358	340	2	2	560	534
Finland.....	114	120	169	180	1	1	284	301
Norway.....	71	78	86	85	19	21	176	184
Portugal.....	97	100	155	158	24	25	276	288
Spain.....	422	415	986	1,050	138	140	1,546	1,605
Sweden.....	156	156	315	320	5	5	476	481
Switzerland.....	168	154	272	268	3	3	443	425
<b>Total Other Western Europe.....</b>	<b>1,228</b>	<b>1,215</b>	<b>2,341</b>	<b>2,401</b>	<b>192</b>	<b>197</b>	<b>3,761</b>	<b>3,813</b>
Bulgaria.....	151	147	355	366	91	93	597	606
Czechoslovakia.....	436	413	854	858	8	8	1,298	1,279
German Dem. Rep.....	386	401	1,253	1,355	16	17	1,655	1,773
Hungary.....	152	151	920	932	7	8	1,079	1,091
Poland.....	800	640	1,768	1,430	22	20	2,590	2,090
Yugoslavia.....	335	340	740	765	58	63	1,133	1,168
Romania.....	298	306	977	995	62	67	1,337	1,368
<b>Total Eastern Europe <sup>4</sup>.....</b>	<b>2,558</b>	<b>2,398</b>	<b>6,867</b>	<b>6,701</b>	<b>264</b>	<b>276</b>	<b>9,689</b>	<b>9,375</b>
<b>Total Europe.....</b>	<b>10,909</b>	<b>10,497</b>	<b>18,584</b>	<b>18,628</b>	<b>1,204</b>	<b>1,193</b>	<b>30,697</b>	<b>30,318</b>
<b>Soviet Union <sup>5</sup>.....</b>	<b>6,673</b>	<b>6,700</b>	<b>5,092</b>	<b>5,200</b>	<b>844</b>	<b>800</b>	<b>12,609</b>	<b>12,700</b>
<b>Africa:</b>								
South Africa.....	619	514	92	97	159	157	870	770
Morocco.....	107	135	1	1	68	80	176	216
<b>Total.....</b>	<b>726</b>	<b>651</b>	<b>93</b>	<b>98</b>	<b>227</b>	<b>237</b>	<b>1,046</b>	<b>986</b>

See footnotes at end of table.

**Table 466.—Meat: Production by types in specified countries, 1980 and 1981<sup>1</sup>—  
Continued**

Continent and country	Beef and veal		Pork <sup>3</sup>		Mutton, lamb, and goat meat		Total meat production	
	1980	1981 <sup>2</sup>	1980	1981 <sup>2</sup>	1980	1981 <sup>2</sup>	1980	1981 <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
Asia:								
India.....	196	198	74	75	380	385	650	658
Israel.....	14	14	9	9	6	6	29	28
Japan.....	418	470	1,476	1,396			1,894	1,866
Korea, Rep. of.....	127	106	235	249	1	1	363	356
Philippines.....	127	131	412	432	6	6	545	569
Tawian.....	5	5	677	686	1	1	683	692
Turkey.....	200	202			282	280	482	482
Total.....	1,087	1,126	2,883	2,846	676	679	4,646	4,651
Oceania:								
Australia.....	1,529	1,411	232	229	551	518	2,322	2,158
New Zealand.....	505	490	35	38	560	612	1,100	1,140
Total.....	2,044	1,901	267	267	1,111	1,130	3,422	3,298
Total selected countries.....	40,565	40,728	37,520	37,285	4,545	4,546	82,630	82,559

<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 (except United States).

<sup>4</sup> Official CEMA data (includes fats and offals) with adjustments for live animal trade.

<sup>5</sup> Slaughter weight basis (includes fats and offals) used in official Soviet Union statistics.

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

**Table 467.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1980 and 1981**

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1980 <sup>1</sup>	1981 <sup>1</sup>	1980 <sup>1</sup>	1981 <sup>1</sup>	1980 <sup>1</sup>	1981 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	367,305	361,332	285,645	350,805	10,302	8,997
February.....	357,564	347,759	270,406	355,911	9,464	7,843
March.....	335,052	341,543	291,218	360,563	7,945	7,823
April.....	296,571	339,371	345,291	403,541	8,475	10,196
May.....	277,871	328,615	356,501	394,407	8,995	10,403
June.....	256,528	297,474	313,941	346,547	10,229	12,297
July.....	242,514	272,600	263,672	283,801	10,263	12,564
August.....	228,580	245,150	217,319	225,053	8,880	13,694
September.....	219,695	234,916	221,995	206,666	8,336	13,311
October.....	243,770	244,635	269,289	238,331	8,165	12,676
November.....	279,001	232,173	320,679	255,216	9,779	11,362
December.....	328,224	256,712	348,640	264,383	9,142	10,540

<sup>1</sup> Beginning Jan. 1, 1977, cured (cooler) beef and cured (cooler) pork are excluded from totals. Statistical Reporting Service.

Table 468.—Meat: United States exports by type of product, 1965-81

Year	Beef and veal			Goat, lamb and mutton, fresh or frozen	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		Fresh or frozen	Hams and shoulders, cured or cooked	Bacon	Other pork, pickled, salted, or otherwise cured	Other pork, canned				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965	15,309	( <sup>4</sup> )	4,555	533	12,173	2,703	2,353	3,115	1,272	1,776	101,210	5,372	150,371
1966	8,156		4,922	729	13,431	2,757	2,399	3,117	1,377	1,615	96,732	5,302	140,538
1967	8,076		6,109	831	13,924	2,116	2,164	3,358	1,368	1,593	100,842	5,813	146,194
1968	7,134		5,127	863	28,342	1,802	2,016	5,299	1,145	1,970	102,170	5,758	161,625
1969	7,609		4,048	650	55,155	3,923	1,618	4,153	978	2,150	108,761	5,912	194,956
1970	8,550		4,728	486	18,887	2,884	1,389	3,514	1,080	1,876	108,652	5,435	157,482
1971	13,900		5,170	591	20,543	1,450	1,033	5,400	1,199	1,820	125,861	5,605	182,571
1972	19,625		4,033	588	36,798	1,526	1,531	3,933	1,243	1,809	115,238	5,474	191,798
1973	32,380		3,509	787	65,071	2,768	1,015	2,857	1,178	2,562	127,860	7,176	247,164
1974	21,292		1,658	1,153	35,289	3,014	797	2,920	902	2,351	134,220	9,017	212,612
1975	20,364		329	1,305	82,028	4,155	575	3,709	686	2,237	133,188	5,660	254,237
1976	36,093		462	1,403	128,895	3,041	1,028	3,422	1,114	2,523	172,246	7,663	357,890
1977	40,982		517	1,755	116,282	2,941	1,216	2,919	1,810	3,426	173,060	8,198	353,106
1978	51,710	2,296	1,263	1,375	84,120	3,934	1,655	7,524	2,932	3,653	185,831	6,801	353,095
1979	53,823	1,625	1,955	562	83,058	3,380	912	8,912	1,123	3,003	163,930	4,664	331,946
1980	55,003	1,995	2,505	595	69,966	3,327	820	8,438	1,667	3,296	200,417	7,427	355,454
1981 <sup>5</sup>	68,608	2,826	3,235	972	86,652	2,363	1,079	9,130	1,662	3,819	209,981	7,949	397,870

<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.<sup>3</sup> May not add due to rounding.<sup>4</sup> Included in "Other meats," 1965-77.<sup>5</sup> Preliminary.

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

Table 469.—Meat: United States imports of meat subject to Public Law 96-177 (Meat Import Act), by country of origin, 1976-81<sup>1</sup>

Country of origin	1976 <sup>2</sup>	1977	1978	1979	1980	1981
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada	80,358	7,815	61,297	77,785	92,673	120,603
Mexico	52,000	60,095	62,568	5,297	242	1,586
Belize		430	60	232	297	112
Guatemala	34,300	32,347	32,121	32,224	18,964	10,632
El Salvador	10,427	3,545	7,987	9,965	4,404	370
Honduras	35,800	40,746	46,540	50,074	67,911	48,792
Nicaragua	48,900	50,386	64,691	67,932	48,046	17,968
Costa Rica	53,700	50,053	68,118	66,962	47,828	64,089
Panama	2,600	2,766	534	901	2,790	4,511
Haiti	1,900	1,262	2,484	1,660	1,706	2,733
Dominican Republic	14,086	2,089	2,212	3,101	2,358	10,097
Iceland		92				
Australia	632,200	653,572	806,000	880,038	806,296	572,581
New Zealand	259,800	265,406	330,858	357,666	328,029	351,373
European Community	4,094			41	9,721	11,393
Other	<sup>3</sup> 1,548	<sup>4</sup> 1,310				
Total <sup>5</sup>	1,231,713	1,250,214	1,485,470	1,553,878	1,431,228	1,216,840

<sup>1</sup> Fresh, chilled, and frozen beef, veal, mutton and goatmeat and certain prepared items from these. Excluding canned meat and certain items prepared from these meats.<sup>2</sup> Beginning 1976, The Customs Service supplied data used in monitoring The Meat Import Law.<sup>3</sup> Reflects 1,548,000 lbs. of beef erroneously charged to Panama.<sup>4</sup> Reflects meat that entered Foreign Trade Zone and possessions and territories prior to Jan. 1, 1977.<sup>5</sup> May not add due to rounding.

Foreign Agricultural Service.

Table 470.—Meat: United States imports, products weight basis, by country of origin, 1981

Country of origin	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Other meats n.s.p.f. <sup>5</sup>	Variety meats, fresh or frozen	Total
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>		Fresh and frozen	Canned <sup>3</sup>	Other prepared or preserved <sup>2</sup>	Sausage, all types <sup>4</sup>				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
Argentina.....	23	11,982	18,779							42		30,826
Australia.....	257,258	10	242	1,565	182					16	988	260,261
Brazil.....	1	21,053	2,889									23,943
Canada.....	54,141	1	13	16	86,955	1,207	615	1,430	592	120	2,205	147,295
Costa Rica.....	28,306			15							5	28,326
Denmark.....	2,725	14	1,229		11,003	33,001		316	1401	5,402	29	55,120
Dominican Republic.....	4,874											4,874
El Salvador.....	149											149
Germany, Fed. Rep. of.....	12	1	11		85	273	28	6	100	31		547
Guatemala.....	5,239		3									5,242
Haiti.....	1,048		57	154						17	12	1,288
Honduras.....	21,893									2	51	21,946
Hungary.....		29				6,466	781	165				7,441
Ireland.....	2,498					17						2,515
Mexico.....	787				1							788
New Zealand.....	154,701	76		12,630						11	202	167,620
Netherlands.....		2	16			7,535			9	693		8,255
Nicaragua.....	8,650											8,650
Panama.....	2,253											2,253
Poland.....						26,023				32		26,055
Romania.....		85				6,325		14				6,424
Uruguay.....		1,590	57									1,647
United Kingdom.....						26		4				30
Yugoslavia.....						9,892	31					9,923
Other.....	52	89	7	4		3,337	42			1,530	68	5,129
Total <sup>6</sup> .....	544,610	34,932	23,303	14,384	98,226	94,102	1,497	1,934	2,103	7,896	3,560	826,547

<sup>1</sup> Includes prepared items.

<sup>2</sup> Includes pickled and cured.

<sup>3</sup> Includes canned hams, shoulders, and bacon.

<sup>4</sup> Fresh and cured sausage.

<sup>5</sup> Mostly mixed luncheon meats.

<sup>6</sup> May not add due to rounding.

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

Table 471.—Meat: United States imports by type of product, 1965-81

Year	Beef and veal				Pork				Mixed sausage	Other meats n.s.p.f. <sup>(5)</sup>	Variety meats, fresh or frozen	Total <sup>(6)</sup>
	Fresh or frozen <sup>(1)</sup>	Canned, including sausage	Other prepared or preserved <sup>(2)</sup>	Lamb, mutton, and goat, except canned	Fresh and frozen	Canned <sup>(3)</sup>	Other prepared or preserved <sup>(2)</sup>	Sausage, all types <sup>(4)</sup>				
	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons	Metric tons
1965	265,573	42,073	10,304	19,261	21,760	93,157	3,153	904	2,283	5,401	1,017	464,888
1966	346,929	42,449	15,808	34,217	19,043	113,624	2,446	1,214	2,717	8,221	1,511	587,180
1967	381,817	44,440	17,823	30,187	21,483	113,889	2,713	1,125	2,824	6,561	1,592	624,455
1968	426,556	53,514	31,606	38,511	21,963	121,101	2,828	1,127	3,427	5,428	1,725	707,786
1969	468,245	53,349	30,241	44,492	19,477	119,203	2,652	1,775	3,982	6,359	2,559	752,333
1970	524,658	54,185	33,577	37,634	25,192	128,531	2,320	1,648	4,762	8,352	4,466	825,326
1971	517,964	41,971	34,573	31,962	28,258	129,868	1,900	1,669	3,537	6,629	2,943	801,274
1972	600,672	45,568	25,471	42,124	29,207	145,360	1,803	2,683	2,810	6,937	3,570	906,205
1973	611,691	42,593	24,617	18,284	28,303	148,136	1,546	2,786	2,320	5,902	3,269	889,447
1974	489,276	42,621	20,517	9,839	21,599	138,724	1,447	2,425	2,165	4,963	2,671	736,248
1975	549,087	28,937	18,329	11,670	14,917	130,863	665	1,944	1,294	5,126	2,534	765,367
1976	587,404	53,902	30,979	15,949	11,192	130,158	585	2,094	1,359	4,753	2,427	840,802
1977	564,894	43,124	25,618	9,885	12,215	120,388	534	2,209	1,387	3,725	2,591	786,570
1978	675,415	46,779	28,689	17,447	27,891	126,045	1,285	2,082	1,743	4,350	2,454	934,180
1979	713,354	45,890	28,721	19,714	46,268	113,518	1,575	2,434	1,849	5,619	4,695	983,637
1980	642,268	42,729	17,799	15,482	93,143	98,529	1,990	2,929	2,230	5,957	4,562	927,618
1981 <sup>7</sup>	544,610	34,932	23,303	14,384	98,226	94,102	1,496	1,935	2,103	7,896	3,560	826,547

<sup>1</sup> Includes prepared items.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned hams, shoulders, and bacon.<sup>4</sup> Includes fresh and cured sausage.<sup>5</sup> Mostly mixed luncheon meats.<sup>6</sup> May not add due to rounding.<sup>7</sup> Preliminary.

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

Table 472.—Meat: International trade, selected countries, 1979-81<sup>1</sup>

Continent and country	1979		1980		1981 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:						
Canada	133	140	183	112	207	113
Costa Rica	47		32		40	
Dominican Republic	2	2	3		4	
El Salvador	5	1	2		1	
Guatemala	23		13	1	20	1
Honduras	40		36		32	
Mexico	7	13	1	12	1	24
Nicaragua	49	1	23		12	
Panama	1		2		3	
United States	211	1,348	195	1,210	240	1,059
Total <sup>3</sup>	518	1,505	490	1,335	560	1,197
South America:						
Argentina	728		487	5	506	3
Brazil	111	114	170	46	286	55
Chile	6	6	5	7	6	8
Colombia	14		10		15	
Peru				6		13
Uruguay	84	4	128		182	
Venezuela		25		20		23
Total <sup>3</sup>	943	149	800	84	995	102

See footnotes at end of table.

Table 472.—Meat: International trade, selected countries, 1979-81 <sup>1</sup>—Continued

Continent and country	1979		1980		1981 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Europe:</b>						
Belgium-Luxembourg .....	325	99	350	91	341	92
Denmark .....	832	4	849	4	872	5
France .....	306	541	362	594	397	583
Germany, Fed. Rep. of .....	382	648	414	700	442	670
Greece .....	86		140		134	
Ireland .....	342	7	440	14	327	21
Italy .....	77	684	109	722	105	685
Netherlands .....	785	149	843	167	951	157
United Kingdom .....	179	1,245	228	1,122	170	957
<b>Total EC</b> .....	<b>3,228</b>	<b>3,517</b>	<b>3,595</b>	<b>3,548</b>	<b>3,605</b>	<b>3,308</b>
<b>Austria</b> .....	<b>21</b>	<b>14</b>	<b>24</b>	<b>16</b>	<b>18</b>	<b>32</b>
<b>Finland</b> .....	<b>27</b>	<b>1</b>	<b>26</b>		<b>57</b>	<b>2</b>
<b>Norway</b> .....		<b>19</b>		<b>22</b>	<b>3</b>	<b>6</b>
<b>Portugal</b> .....		<b>26</b>		<b>15</b>		<b>8</b>
<b>Spain</b> .....	<b>2</b>	<b>124</b>	<b>5</b>	<b>26</b>	<b>13</b>	<b>11</b>
<b>Sweden</b> .....	<b>46</b>	<b>24</b>	<b>48</b>	<b>17</b>	<b>66</b>	<b>12</b>
<b>Switzerland</b> .....	<b>1</b>	<b>25</b>	<b>7</b>	<b>23</b>	<b>3</b>	<b>25</b>
<b>Total Western Europe</b> <sup>3</sup> .....	<b>3,325</b>	<b>3,750</b>	<b>3,705</b>	<b>3,667</b>	<b>3,765</b>	<b>3,404</b>
<b>Bulgaria</b> .....	<b>44</b>	<b>3</b>	<b>48</b>	<b>2</b>	<b>49</b>	<b>2</b>
<b>Czechoslovakia</b> .....	<b>13</b>	<b>21</b>	<b>13</b>	<b>21</b>	<b>13</b>	<b>21</b>
<b>German Dem. Rep.</b> .....	<b>197</b>		<b>247</b>		<b>362</b>	
<b>Hungary</b> .....	<b>119</b>	<b>7</b>	<b>121</b>	<b>5</b>	<b>126</b>	<b>5</b>
<b>Poland</b> .....	<b>155</b>	<b>2</b>	<b>141</b>	<b>46</b>	<b>50</b>	<b>175</b>
<b>Yugoslavia</b> .....	<b>82</b>	<b>69</b>	<b>98</b>	<b>85</b>	<b>62</b>	<b>45</b>
<b>Total Eastern Europe</b> <sup>3</sup> .....	<b>610</b>	<b>102</b>	<b>668</b>	<b>159</b>	<b>662</b>	<b>248</b>
<b>Total Europe</b> <sup>3</sup> .....	<b>3,935</b>	<b>3,852</b>	<b>4,373</b>	<b>3,826</b>	<b>4,427</b>	<b>3,652</b>
<b>Soviet Union</b> <sup>4</sup> .....	<b>33</b>	<b>469</b>	<b>30</b>	<b>662</b>	<b>30</b>	<b>780</b>
<b>Africa:</b>						
South Africa .....	12	14	14	14	2	39
Morocco .....		4		4		4
<b>Total</b> <sup>3</sup> .....	<b>12</b>	<b>18</b>	<b>14</b>	<b>18</b>	<b>2</b>	<b>43</b>
<b>Asia:</b>						
India .....	42		47		50	
Israel .....		71		52		40
Japan .....		610		486		607
Korea, Rep. of .....	36	108	14	15	13	48
Philippines .....	18					
Taiwan .....	3	16	18	15	20	12
Turkey .....			6		12	
<b>Total</b> <sup>3</sup> .....	<b>99</b>	<b>817</b>	<b>85</b>	<b>574</b>	<b>95</b>	<b>715</b>
<b>Oceania:</b>						
Australia .....	1,306		1,090	1	938	1
New Zealand .....	783	1	795	2	870	2
<b>Total</b> <sup>3</sup> .....	<b>2,089</b>	<b>1</b>	<b>1,885</b>	<b>3</b>	<b>1,808</b>	<b>3</b>
<b>Total selected countries</b> <sup>3</sup> .....	<b>7,629</b>	<b>6,811</b>	<b>7,677</b>	<b>6,502</b>	<b>7,917</b>	<b>6,408</b>

<sup>1</sup>Carcass weight equivalent of beef and veal, pork, and lamb, mutton and goat meat. Excludes fat, offals, and live animals.

<sup>2</sup>Preliminary.

<sup>3</sup>Totals may not add due to rounding, and may include an allowance for missing data for countries shown.

<sup>4</sup>Estimate based on trading partner data. Reported on product weight bases.

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

Table 473.—Meats and lard: Production and civilian consumption, United States, 1965-81 <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>
1965.....	18,727	19,060	99.5	1,020	992	5.2	651	716	3.7
1966.....	19,726	20,140	104.1	910	881	4.6	650	771	4.0
1967.....	20,219	20,793	106.5	792	749	3.8	646	759	3.9
1968.....	20,880	21,627	109.7	734	707	3.6	602	738	3.7
1969.....	21,158	22,065	110.8	673	654	3.3	550	687	3.5
1970.....	21,685	22,926	113.5	588	581	2.9	551	657	3.2
1971.....	21,904	23,086	112.7	547	546	2.7	556	646	3.2
1972.....	22,413	23,956	115.5	458	464	2.2	543	684	3.3
1973.....	21,278	22,814	108.8	357	376	1.8	512	556	2.7
1974.....	23,137	24,488	115.7	486	493	2.3	464	482	2.3
1975.....	23,975	25,397	118.8	873	876	4.1	411	481	2.0
1976.....	25,969	27,538	127.5	852	853	4.0	371	396	1.8
1977.....	25,279	27,047	124.0	833	835	3.8	350	370	1.7
1978.....	24,241	25,998	117.9	631	645	2.9	310	343	1.6
1979.....	21,447	23,521	105.5	435	450	2.0	291	332	1.5
1980.....	21,643	23,319	103.4	400	410	1.8	318	344	1.5
1981 <sup>2</sup> .....	22,389	23,756	104.3	436	438	1.9	338	360	1.6

  

Year	Pork			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>
1965.....	12,781	12,870	67.2	33,179	33,638	175.6	2,050	1,226	5.3
1966.....	12,798	12,700	65.7	34,084	34,492	178.3	1,929	1,071	5.5
1967.....	14,131	14,053	72.0	35,788	36,354	186.1	2,076	1,055	5.4
1968.....	14,515	14,479	73.5	36,731	37,551	190.5	2,062	1,106	5.6
1969.....	14,245	14,244	71.4	36,626	37,630	189.0	1,904	1,011	5.1
1970.....	14,699	14,661	72.6	37,523	38,825	192.3	1,913	939	4.6
1971.....	16,006	16,127	78.7	39,013	40,405	197.2	1,960	880	4.2
1972.....	14,422	14,712	70.9	37,836	39,816	191.9	1,559	787	3.7
1973.....	13,223	13,298	63.4	35,370	37,044	176.7	1,254	705	3.3
1974.....	14,331	14,493	68.5	38,418	39,956	188.8	1,366	681	3.2
1975.....	11,779	11,852	55.4	37,038	38,556	180.3	1,012	615	2.8
1976.....	12,688	12,667	58.6	39,880	41,456	191.9	1,060	568	2.6
1977.....	13,248	13,202	60.5	39,710	41,454	190.1	1,038	495	2.2
1978.....	13,393	13,293	60.3	38,575	40,278	182.7	1,006	478	2.2
1979.....	15,450	15,353	68.8	37,623	39,657	177.8	1,156	548	2.4
1980.....	16,616	16,574	73.5	38,977	40,648	180.2	1,217	540	2.4
1981 <sup>2</sup> .....	15,872	15,927	69.9	39,034	40,481	177.8	1,167	572	2.5

<sup>1</sup>Carcass weight equivalent or dressed weight. Beginning 1977, pork production was no longer reported as "pork, excluding lard." This series has been revised to reflect pork production in prior years on a dressed weight basis that is comparable with the method used to report beef, veal, and lamb and mutton. Edible offals are excluded.

<sup>2</sup>Preliminary.

Economic Research Service.



**Table 474.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1965-81 <sup>1</sup>**

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork <sup>2</sup>	All meat	Beef	Veal	Lamb and mutton	Pork <sup>2</sup>	All meat
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1965.....	97	4	149	250	923	19	72	382	1,396
1966.....	88	5	158	251	1,182	22	136	430	1,770
1967.....	94	6	164	264	1,313	15	121	440	1,889
1968.....	94	7	208	309	1,500	18	147	462	2,127
1969.....	87	6	260	353	1,615	25	153	450	2,243
1970.....	104	7	194	305	1,792	24	122	491	2,429
1971.....	121	8	198	327	1,734	22	103	496	2,355
1972.....	124	7	236	367	1,960	36	148	538	2,682
1973.....	152	6	279	437	1,990	31	53	533	2,607
1974.....	130	8	204	342	1,615	31	26	488	2,160
1975.....	124	8	317	449	1,758	24	27	439	2,248
1976.....	170	7	421	598	2,073	22	36	469	2,600
1977.....	181	6	399	586	1,939	24	22	439	2,424
1978.....	221	4	421	646	2,298	25	39	495	2,857
1979.....	222	3	448	673	2,405	26	45	499	2,375
1980.....	223	5	417	645	2,064	21	33	550	2,668
1981 <sup>3</sup> .....	251	5	453	709	1,743	18	31	541	2,333

<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, Guam, and Wake Island, 1965-69. Beginning 1970, includes shipments to Puerto Rico and Virgin Islands only.

<sup>2</sup> The pork series has been revised to a dressed weight equivalent rather than "Pork, excluding lard." (See Footnote 1, table 473)

<sup>3</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.

**Table 475.—Hides, packer: Average price per hundred pounds, Central U.S., 1965-81 <sup>1</sup>**

Year	Steers					Cows/Heifers		
	Heavy native	Light native	Heavy Texas	Butt branded	Colorado branded	Heavy native	Light native	Branded
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1965.....	13.93		12.07	12.39	11.58	14.00	15.60	12.57
1966.....	17.42		16.17	16.33	15.64	18.12	20.21	16.65
1967.....	11.73		( <sup>2</sup> )	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
1970.....	12.85			11.80	9.95	13.44	16.98	11.35
1971.....	14.53			11.95	10.80	14.17	17.03	11.63
1972.....	29.79			27.42	26.02	30.12	34.76	28.21
1973.....	33.78			28.83	26.24	34.14	38.72	29.01
1974.....	23.38			19.77	18.13	23.46	27.19	19.61
1975.....	23.25			20.67	18.82	21.60	23.80	17.51
1976.....	36.11			33.41	31.33	36.25	40.65	33.02
1977.....	37.29			36.21	34.75	39.21	51.00	36.04
1978.....	46.54			41.83	42.64	45.55	51.42	45.24
1979.....	72.68	88.95		66.94	62.51	76.38	88.89	68.74
1980.....	45.70	50.85	44.18	42.33	38.95	47.07	54.02	43.44
1981.....	44.19	50.30	44.18	42.19	40.19	46.07	52.38	42.99

<sup>1</sup> Data through 1966 compiled from Pratt's Daily Hide and Leather Market; beginning 1967, prices are obtained from Livestock and Grain Market News.

<sup>2</sup> Not reported, 1967-79.

Agricultural Marketing Service.

Table 476.—Hides and skins: United States imports and exports, 1965-81

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
1965	1,065	302	14,412	27,387	1,985	474	13,309	2,876
1966	680	221	10,331	27,893	2,076	519	14,189	2,429
1967	838	233	7,109	20,299	1,968	494	11,852	3,758
1968	794	493	5,203	30,825	1,816	387	12,878	3,345
1969	690	277	5,068	20,716	1,238	414	14,778	3,928
1970	542	386	3,028	18,686	1,074	241	15,222	3,822
1971	235	276	1,956	19,283	1,968	254	15,962	5,934
1972	261	292	3,355	16,852	1,621	451	17,578	5,872
1973	437	709	1,624	12,894	1,608	279	16,866	5,792
1974	439	520	583	15,732	1,802	365	18,429	4,897
1975	222	959	879	15,520	2,051	352	21,269	4,571
1976	93	962	1,255	16,615	1,657	505	25,270	3,409
1977	91	932	1,137	15,468	2,052	447	24,484	836
1978	179	704	1,762	17,807	2,079	351	24,792	*1,444
1979	126	673	2,444	15,529	1,970	352	23,731	2,279
1980	64	880	519	9,027	2,205	290	19,568	1,675
1981 <sup>5</sup>	99	1,028	821	14,237	2,542	485	19,703	1,232

<sup>1</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>2</sup> Includes cabretta and hair sheepskins.<sup>3</sup> Beginning January 1969, excludes pieces of cattle hides reported in units of pounds.<sup>4</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.<sup>5</sup> Preliminary.

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

Table 477.—Hides and skins: United States imports by country of origin, 1979-81

Country of origin	1979	1980	1981	Country of origin	1979	1980	1981
	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—Cont.			
Canada	643	859	881	China	72	60	121
Honduras	14	18	9	Other countries	265	65	307
Other countries	16	3	138	Total	2,444	519	821
Total	673	880	1,028	Sheep and lambs: <sup>3</sup>			
Calf and kip:				Afghanistan	100	138	412
Canada	120	64	75	Ethiopia	133	145	339
France				United Kingdom	132	129	89
Other countries	6		24	South Africa	439	425	598
Total	126	64	99	Iran	5,367	1,089	2,398
Goat and kid:				Australia	131	249	270
Afghanistan	80		100	New Zealand	7,616	5,026	8,283
Haiti	676	52	50	Germany, Fed. Rep. of	60	108	79
Ethiopia	562	204	96	France	341	289	253
Nigeria	66		20	Argentina	1	55	12
Malaysia	24	32		Canada	22	70	87
Indonesia	329	20	66	Sudan	626	614	779
Australia	7	5	7	Nigeria	135	33	225
Iran	363	81	54	Other countries	426	177	473
				Total	15,529	9,027	14,237

<sup>1</sup> Preliminary.<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

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

**Table 478.—Hides and skins: United States exports by country of destination, 1979-81**

Country of destination	1979	1980	1981 <sup>1</sup>	Country of destination	1979	1980	1981 <sup>1</sup>
	<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>		<i>1,000 pieces</i>	<i>1,000 pieces</i>	<i>1,000 pieces</i>
<b>Cattle hides:<sup>2</sup></b>				<b>Calf skins:</b>			
Canada .....	1,248	1,048	1,212	Canada .....	270	238	122
Mexico .....	2,428	1,973	2,485	Mexico .....	218	457	765
France .....	691	239	137	Czechoslovakia .....	51		22
Germany, Fed. Rep. of .....	454	206	319	Germany, Fed. Rep. of .....	81	40	26
Italy .....	2,248	690	486	Italy .....	330	237	177
Spain .....	892	112	394	Korea, Rep. of .....	10	54	3
Romania .....	1,317	1,046	680	Spain .....	8		35
Taiwan .....	955	1,285	1,312	Japan .....	875	1,162	1,285
Korea, Rep. of .....	2,526	2,660	3,579	Other countries .....	127	17	107
Japan .....	7,396	7,487	7,512	<b>Total</b> .....	<b>1,970</b>	<b>2,205</b>	<b>2,542</b>
Czechoslovakia .....	682	318	334				
Other countries .....	2,894	2,504	1,253	<b>Kipskins:</b>			
<b>Total</b> .....	<b>23,731</b>	<b>19,568</b>	<b>19,703</b>	Canada .....	26	13	17
				Korea, Rep. of .....	9		4
<b>Sheep and lamb skins:<sup>3</sup></b>				Italy .....	87	75	56
Canada .....	59	53	50	Germany, Fed. Rep. of .....	3	3	22
Japan .....	32	35	20	Hungary .....	14	32	37
Brazil .....	3	18	14	Venezuela .....		13	
Germany, Fed. Rep. of .....	49	15	19	Japan .....	96	59	211
Italy .....	698	303	359	Other countries .....	117	95	138
United Kingdom .....	231	137	124	<b>Total</b> .....	<b>352</b>	<b>290</b>	<b>485</b>
Poland .....	276	521	123				
Uruguay .....	390	154	23				
Other countries .....	541	439	500				
<b>Total</b> .....	<b>2,279</b>	<b>1,675</b>	<b>1,232</b>				

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes pieces of cattle hides reported in units of pounds.

<sup>3</sup> Schedule B numbers 211.6000 and 211.7000 have been dropped from hides and skins count due to Schedule B changes implemented January 1, 1978.

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

**Table 479.—Livestock and poultry inventory: Index numbers United States, Jan. 1, 1975-82<sup>1</sup>**

[1977 = 100]

Year	Total live-stock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry	Year	Total live-stock and poultry	Meat animals	Milk cattle <sup>2</sup>	Poultry
1975 .....	107	107	103	101	1979 .....	93	92	99	106
1976 .....	103	103	101	100	1980 .....	94	94	100	108
1977 .....	100	100	100	100	1981 .....	96	96	101	106
1978 .....	96	96	99	102	1982 <sup>3</sup> .....	96	96	103	102

<sup>1</sup> For method of combining species and weights in construction of these index numbers see Agricultural Handbook No. 365, Volume II, major statistical series of the U.S. Department of Agriculture, April 1970. Weights based on 1977 sales values relative to milk cows are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkey breeder hens, 0.014. Index computations for Jan. 1 uses turkey breeder hens, all chickens (excluding commercial broilers), and hogs and pigs on hand Dec. 1 preceding year.

<sup>2</sup> Weights for milk cattle are as follows: Milk cows, 1.00; heifers weighing 500 lbs. and over, 0.56.

<sup>3</sup> Preliminary.

Statistical Reporting Service.

Table 480.—Mink pelts: Number produced by color class, major States, and United States, 1980

State	Standard	Ranch wild	Demi-buff <sup>1</sup>	Pastel	Pale brown	Sapphire	Gun-metal	Platinum	Pearl	Lavender hope	Pink	Violet type	White	Miscellaneous and unclassified	Total pelts
	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts
Ga.....	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	(?)	30
Idaho.....	36.2	3.0	76.7	32.3	(?)	3.1	(?)	(?)	5.1	(?)		1.6	2.0		162
Ill.....	61.4	11.1	(?)	(?)	(?)	(?)	(?)	(?)	7.9		(?)	2.4	(?)		170
Ind.....	10.3	(?)	1.7	3.2		(?)			(?)			(?)	(?)		20
Iowa.....	51.5	8.1	12.2	21.3	(?)	(?)	(?)	(?)	19.5			4.9	(?)		119
Mass.....	1.2		5.2	6.3	(?)	(?)	(?)	(?)	2.3			(?)	(?)		17
Mich.....	55.2	16.8	12.2	18.1	(?)	(?)	(?)	(?)	7.8	(?)	(?)	9.2	(?)		129
Minn.....	138.9	85.5	60.8	93.0	0.6	5.4	1.2	1.3	20.2	0.5	12.0	14.5	9.2	0.1	443
N.Y.....	44.6		14.5	24.6	(?)	5.6	5.9		4.9	(?)		6.3	(?)		110
Ohio.....	52.9	3.8	25.2	27.5	3.2	2.6	(?)	(?)	9.3	(?)		3.6	(?)		133
Oreg.....	56.8	6.5	17.4	5.1	(?)	24.0	25.1		(?)	(?)	(?)	11.6	(?)	(?)	153
Penn.....	17.5	(?)	45.3	27.1	1.5	18.3	2.1	1.8	19.5	(?)	2.0	13.0	(?)		157
S. Dak.....	18.1	(?)	19.6	7.2					7.5		(?)				60
Utah.....	205.2	10.2	105.6	65.4	(?)	26.8	(?)	(?)	26.0	(?)		22.0	(?)	1.4	466
Wash.....	97.9	22.1	22.3	8.7	(?)	6.3	17.6		(?)	(?)		3.0	(?)		180
Wis.....	388.1	41.7	156.4	174.5	4.3	34.7	7.9	1.1	35.6	6.1	28.7	64.8	51.7	1.5	997
Other States.....	33.4	5.1	56.1	36.1	.1	1.3	.1	.8	9.7	.5	1.3	3.1	8.0	.5	156
U.S.....	1,269	226	670	616	15	130	71	13	178	11	54	164	81	4	3,501

<sup>1</sup>This color class includes Demi-buff—Dark brown, Violet, Pastel, standard and pearl crosses, and others.

<sup>2</sup>Included in total to avoid disclosing individual operations.

Statistical Reporting Service.

**Table 481.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1965-81**

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned	Total	Con-demned
	<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>
1965.....	26,614	80.5	5,076	20.3	11,710.	57.3	313	2.3	63,708	102.1	36	0.4
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.....	30,537	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	.4
1970.....	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	3.5
1971.....	31,419	94.2	2,806	18.1	10,256	45.2	301	1.7	86,667	171.5	55	.5
1972.....	32,267	97.0	2,421	17.4	9,905	44.3	146	.....	78,759	155.7	65	.....
1973.....	30,521	91.8	1,808	13.3	9,234	40.6	87	.....	72,264	145.6	165	.....
1974.....	33,319	100.1	2,355	16.4	8,556	37.3	72	.....	77,071	155.2	207	.....
1975.....	36,904	111.0	3,894	26.6	7,552	32.9	49	.....	64,926	131.2	247	.....
1976.....	38,992	117.0	4,438	30.8	6,474	27.9	41	.....	70,454	140.4	293	.....
1977.....	38,717	121.9	4,696	63.3	6,133	31.5	45	.....	74,019	198.9	317	3.0
1978.....	36,948	143.0	3,620	54.9	5,169	41.3	45	.....	74,139	257.8	323	2.1
1979.....	31,504	111.8	2,499	39.4	4,833	30.1	63	.....	85,425	291.1	304	1.9
1980.....	31,642	108.2	2,294	33.0	5,363	31.9	93	.....	91,882	318.7	274	1.7
1981.....	32,819	110.9	2,478	31.2	5,789	36.8	63	.....	87,851	279.2	219	1.3

<sup>1</sup>Condemnations for 1965-76 do not include ante-mortem cases of parts of carcasses. Beginning with 1977, condemnations include ante-mortem and post-mortem inspection. Beginning with 1980, condemnations are for the fiscal year ending September 30. Data reported by Food Safety and Inspection Service, USDA.

Statistical Reporting Service.

## 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. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

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; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

**Table 482.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1965-82**

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	<i>Thousands</i>	<i>Thousands</i>		<i>Thousands</i>	<i>Thousands</i>
1965.....	15,380	4,780	1974.....	11,297	3,941
1966.....	14,490	4,450	1975.....	11,220	4,087
1967.....	13,725	4,215	1976.....	11,071	3,956
1968.....	13,115	4,080	1977.....	10,998	3,887
1969.....	12,550	3,990	1978.....	10,896	3,886
1970.....	12,091	3,880	1979.....	10,790	3,932
1971.....	11,909	3,843	1980.....	10,779	4,158
1972.....	11,776	3,828	1981.....	10,860	4,345
1973.....	11,622	3,872	1982 <sup>1</sup> .....	10,998	4,530

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 483.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by State, Jan. 1, 1981, and 1982**

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>		1981	1982 <sup>1</sup>	1981	1982 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands
Ala.....	64	63	17	17	Nebr.....	121	122	41	43
Alaska.....	1.1	1.1	5	5	Nev.....	15	16	8	8
Ariz.....	75	79	17	19	N.H.....	29	30	12	14
Ark.....	80	84	31	32	N.J.....	42	41	14	14
Calif.....	909	940	405	425	N. Mex.....	49	55	17	21
Colo.....	71	75	31	36	N.Y.....	915	921	348	398
Conn.....	48	47	19	18	N.C.....	135	133	45	47
Del.....	10	10	4	4	N. Dak.....	93	92	22	21
Fla.....	187	190	39	45	Ohio.....	375	382	181	185
Ga.....	130	131	43	35	Okla.....	112	110	40	35
Hawaii.....	13	13	7	8	Oreg.....	96	97	44	42
Idaho.....	159	168	96	87	Pa.....	718	730	274	307
Ill.....	230	234	98	109	R.I.....	3.8	3.9	1.1	1.2
Ind.....	207	207	85	91	S.C.....	48	48	17	17
Iowa.....	378	389	154	157	S. Dak.....	155	155	45	43
Kans.....	123	124	44	59	Tenn.....	215	215	90	110
Ky.....	243	240	104	101	Tex.....	320	325	100	110
La.....	112	102	35	36	Utah.....	80	86	42	42
Maine.....	55	58	20	23	Vt.....	188	187	69	76
Md.....	124	122	48	50	Va.....	172	170	81	67
Mass.....	45	45	14	13	Wash.....	200	207	79	79
Mich.....	390	396	174	179	W. Va.....	36	36	13	17
Minn.....	880	905	350	360	Wis.....	1,820	1,830	780	783
Miss.....	97	97	36	31	Wyo.....	12	12	3	3
Mo.....	250	245	98	99	U.S.....	10,860	10,998	4,345	4,530
Mont.....	29	29	9	12					

<sup>1</sup>Preliminary.  
Statistical Reporting Service.

**Table 484.—Dairy product-feed price ratios: Milk-feed; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1965-81**

Year	Milk price cwt	16% dairy feed price cwt	Milk-feed price ratio <sup>1,2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	Year	Milk price cwt	16% dairy feed price cwt	Milk-feed price ratio <sup>1,2</sup>	Value per 100 pounds of grain and concentrates fed to milk cows
	Dollars	Dollars	Pounds	Dollars		Dollars	Dollars	Pounds	Dollars
1965.....	4.23	3.60	1.40	3.03	1974.....	8.33	6.90	1.21	6.23
1966.....	4.81	3.70	1.30	3.15	1975.....	8.75	6.75	1.30	6.25
1967.....	5.02	3.75	1.34	3.22	1976.....	9.66	7.05	1.37	6.31
1968.....	5.24	3.60	1.46	3.10	1977.....	9.72	7.00	1.39	6.20
1969.....	5.49	3.55	1.55	3.15	1978.....	10.60	6.90	1.54	6.08
1970.....	5.71	3.75	1.52	3.28	1979.....	12.00	7.80	1.54	6.68
1971.....	5.87	3.95	1.49	3.44	1980.....	13.00	8.85	1.48	7.42
1972.....	6.07	4.00	1.52	3.52	1981.....	13.80	9.60	1.44	8.05
1973.....	7.14	5.65	1.26	4.88					

<sup>1</sup>Annual ratios based on average of monthly ratios.  
<sup>2</sup>Pounds of 16% mixed dairy feed equal in value to one pound of whole milk.  
Statistical Reporting Service.

Table 485.—Milk cows rations: Quantities and value of concentrates fed, by States, 1980 and 1981

State	Grain and other concentrates fed during calendar year				Value per 100 pounds of concentrate rations fed during the year	
	Per cow		Per 100 pounds of milk produced		1980	1981
	1980	1981	1980	1981		
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	5,290	5,450	59	59	8.77	9.33
Alaska.....	4,550	4,750	40	39	11.76	12.16
Ariz.....	6,600	6,770	48	46	7.78	8.40
Ark.....	5,520	5,320	60	55	8.05	8.57
Calif.....	7,580	6,640	50	43	7.55	8.18
Colo.....	5,440	5,720	45	45	7.03	7.82
Conn.....	5,230	5,170	41	40	8.97	9.82
Del.....	5,410	5,140	45	41	8.20	9.05
Fla.....	6,620	10,360	61	94	7.43	7.67
Ga.....	6,520	6,340	62	59	8.72	9.26
Idaho.....	4,800	4,940	38	38	6.43	7.30
Ill.....	4,800	4,810	44	43	6.88	7.46
Ind.....	4,510	4,990	41	45	6.96	8.03
Iowa.....	5,140	4,950	47	44	6.74	6.98
Kans.....	5,730	5,630	53	50	6.52	7.42
Ky.....	4,680	4,620	51	49	7.96	8.41
La.....	5,150	5,200	58	56	8.25	9.09
Maine.....	4,990	4,660	42	38	9.32	10.18
Md.....	5,560	4,970	45	39	8.12	9.12
Mass.....	4,830	4,900	39	39	8.86	9.96
Mich.....	5,030	5,450	40	42	6.70	7.12
Minn.....	4,650	4,430	42	39	6.32	6.72
Miss.....	4,500	4,440	54	51	8.34	9.06
Mo.....	5,610	5,780	51	50	7.73	8.50
Mont.....	4,550	4,790	42	42	6.18	7.20
Nebr.....	5,220	5,120	48	45	6.14	6.70
Nev.....	5,690	5,830	39	41	7.27	8.06
N.H.....	4,740	4,510	41	38	9.08	10.12
N.J.....	4,820	4,700	40	39	8.58	9.46
N. Mex.....	7,360	6,170	55	47	7.72	8.42
N.Y.....	4,340	4,260	36	35	8.44	9.43
N.C.....	5,840	5,800	48	47	8.68	9.79
N. Dak.....	4,540	4,660	45	45	5.48	6.38
Ohio.....	5,170	4,850	45	42	7.75	8.17
Okla.....	5,300	5,440	53	52	7.38	8.39
Oreg.....	5,050	4,910	41	39	8.28	9.39
Pa.....	4,900	5,100	41	41	8.02	8.88
R.I.....	4,700	4,840	41	41	8.89	9.94
S.C.....	5,520	5,870	49	51	8.71	9.61
S. Dak.....	4,830	4,780	46	43	6.21	6.78
Tenn.....	5,030	4,830	48	45	8.67	9.49
Tex.....	6,750	6,560	59	58	7.76	8.68
Utah.....	5,540	5,620	42	42	6.88	7.74
Vt.....	4,180	4,330	34	35	9.37	10.30
Va.....	4,850	4,440	42	38	8.82	9.51
Wash.....	5,710	5,590	39	38	8.21	8.70
W. Va.....	4,260	4,180	45	43	8.49	9.17
Wis.....	4,930	4,850	40	39	6.42	6.66
Wyo.....	4,290	3,970	39	35	6.44	7.02
U.S.....	5,260	5,210	44.2	42.9	7.42	8.05

Statistical Reporting Service.



**Table 486.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production, United States, 1965-82**

Year	Associations <sup>1</sup>	Supervisors <sup>1</sup>	Official plans					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	Number	Number	Number	Number	Number	Pounds	Percent	Pounds
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	12,397	3.80	471
1969	1,289	2,250	35,617	2,138,953	60.1	12,553	3.79	476
1970	1,267	2,225	34,308	2,122,011	61.9	12,750	3.79	483
1971	1,274	2,201	33,996	2,218,402	65.3	13,000	3.76	489
1972	1,247	2,186	33,197	2,244,685	67.6	13,226	3.75	496
1973	1,231	2,164	33,578	2,359,611	70.3	13,287	3.76	499
1974	1,130	2,209	33,146	2,416,669	72.9	13,163	3.75	493
1975	1,105	2,183	32,222	2,432,961	75.5	13,421	3.76	505
1976	1,051	2,218	32,232	2,438,365	75.7	13,632	3.75	511
1977	1,028	2,266	33,755	2,581,164	76.5	14,435	3.73	539
1978	1,046	2,432	34,972	2,704,064	77.3	14,631	3.70	542
1979	1,045	2,541	36,105	2,792,175	77.3	14,644	3.70	542
1980	1,025	2,638	37,576	2,966,558	78.9	14,786	3.70	547
1981	1,066	2,824	39,524	3,197,353	80.8	14,960	3.70	553
1982	1,044	2,916	40,933	3,382,977	82.6	15,134	3.68	558

<sup>1</sup>Includes all plans.<sup>2</sup>Science and Education Administration.**Table 487.—Cattle: Tuberculin tests in cooperation with States, 1965-81**

Year	Tuberculin Tests						Infected and exposed <sup>1</sup> herds (fiscal year)
	Herds and lots	Cattle	Reactors reported				
			Herds and lots		Cattle		
	Number	Number	Number	Percent	Number	Percent	Number
1965	304,917	7,187,083	1,672	0.55	5,567	0.08	141
1966	252,948	6,451,222	1,317	.52	3,540	.05	111
1967	212,487	5,486,715	1,014	.48	4,119	.08	86
1968	165,767	4,485,124	662	.40	2,830	.06	74
1969	151,087	4,390,514	544	.36	2,923	.07	70
1970	133,150	4,044,986	421	.32	2,574	.06	50
1971	120,605	3,530,220	349	.29	2,528	.07	67
1972	103,548	2,881,398	235	.23	2,353	.08	52
1973	102,510	2,936,287	163	.16	1,512	.05	38
1974	101,734	2,487,798	231	.23	1,573	.06	30
1975	94,769	2,367,458	158	.17	1,306	.06	47
1976	103,441	2,484,550	298	.29	1,879	.08	52
1977	98,483	2,322,110	175	.18	3,967	.17	29
1978	103,037	2,307,487	92	.09	490	.02	28
1979	108,813	2,422,334	54	.05	688	.03	17
1980	108,535	2,279,974	54	.05	1,668	.07	6
1981	106,715	2,221,228	57	.05	147	.01	13

<sup>1</sup>All methods of surveillance and detection. Animal and Plant Health Inspection Service.

Table 488.—Cattle: Brucellosis work in cooperation with States, 1965–81

Year	Milk ring tests <sup>1</sup>			Market cattle blood tests		
	Head tests	Suspicious herd tests		Cattle tested	Reactor cattle	
	Number	Number	Percent	Number	Number	Percent
1965.....	1,811,259	14,759	0.8	4,587,533	49,035	0.9
1966.....	1,682,994	10,466	.6	4,687,710	44,041	.9
1967.....	1,620,586	8,591	.5	4,617,431	41,412	.9
1968.....	1,478,983	6,569	.4	4,824,781	34,613	.7
1969.....	1,326,191	6,233	.5	4,967,570	28,167	.6
1970.....	1,141,249	3,504	.3	4,818,267	23,092	.5
1971.....	1,143,707	2,760	.2	6,381,853	29,926	.5
1972.....	984,825	2,210	.2	7,815,629	39,866	.5
1973.....	895,346	2,580	.3	8,680,880	55,399	.6
1974.....	881,195	2,247	.3	10,007,454	72,348	.7
1975.....	841,392	2,642	.3	13,524,598	90,949	.7
1976.....	730,737	2,096	.3	13,939,367	88,443	.6
1977.....	760,576	2,272	.3	13,608,558	71,994	.5
1978.....	849,527	2,285	.3	13,325,356	70,997	.5
1979.....	763,439	2,315	.3	10,462,153	52,236	.5
1980.....	805,507	3,357	.4	11,290,190	50,369	.4
1981.....	826,745	4,676	.6	11,589,338	50,010	.4

  

Year	Cattle blood tested on farm or ranch <sup>2</sup>						Adjusted cattle infection rate <sup>3</sup>	Calves vaccinated
	Herd or lot tests	Infected herds or lots		Cattle tested	Reactor cattle			
	Number	Number	Percent	Number	Number	Percent		
1965.....	2,036,446	53,017	2.6	7,457,973	77,184	1.0	0.5	6,903,780
1966.....	1,258,186	39,252	3.1	6,876,122	83,665	1.2	.6	6,483,393
1967.....	416,256	31,855	7.7	7,337,243	111,230	1.5	.6	6,331,556
1968.....	367,971	30,664	8.3	6,858,279	110,995	1.6	.6	5,837,646
1969.....	274,724	23,137	8.4	5,406,185	88,484	1.6	.6	5,165,415
1970.....	264,406	24,033	9.1	5,439,642	96,466	1.8	.6	4,548,972
1971.....	225,022	21,117	9.4	4,490,636	85,138	1.9	.6	4,116,646
1972.....	214,759	23,588	11.0	4,873,422	97,585	2.0	.7	3,909,944
1973.....	219,167	26,654	12.2	5,361,680	113,453	2.1	.8	3,873,908
1974.....	228,897	34,144	14.9	6,073,077	157,027	2.6	.9	4,010,475
1975.....	238,184	37,117	15.6	6,947,008	181,214	2.6	.9	3,720,441
1976.....	258,710	36,901	14.3	7,454,452	181,165	2.4	.9	3,779,108
1977.....	268,750	32,904	12.2	7,247,352	168,607	2.3	.8	3,780,309
1978.....	271,335	28,846	10.6	6,895,966	154,877	2.2	.8	4,269,151
1979.....	266,991	27,567	10.3	6,713,199	141,665	2.1	.7	5,241,033
1980.....	279,053	28,692	10.3	7,249,853	148,019	2.0	.8	6,355,745
1981.....	292,495	26,488	9.0	7,509,101	136,148	1.8	.3	7,090,102

<sup>1</sup>Represents multiple milk ring tests each year for the commercial dairy herd.

<sup>2</sup>Includes an increasing proportion of herds tested each year because of suspicious milk ring or market cattle test results.

<sup>3</sup>Percent of cattle infected based on results of tests conducted on farm and ranch, livestock markets, slaughter plants, and negative cattle represented under the milk ring testing program.

<sup>4</sup>Includes the number of market cattle lots tested and found infected.

Animal and Plant Health Inspection Service.

**Table 489.—Milk and milkfat production: Number of producing cows, yield per cow, and total quantity produced, United States, 1965-81**

Year	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965	14,953	8,305	307	3.70	124,180	4,592
1966	14,071	8,522	314	3.69	119,912	4,426
1967	13,415	8,851	327	3.69	118,732	4,377
1968	12,832	9,135	335	3.67	117,225	4,305
1969	12,307	9,434	346	3.67	116,108	4,264
1970	12,000	9,751	357	3.66	117,007	4,284
1971	11,839	10,015	367	3.66	118,566	4,344
1972	11,700	10,259	377	3.68	120,025	4,410
1973	11,413	10,119	370	3.66	115,491	4,225
1974	11,230	10,293	377	3.67	115,586	4,238
1975	11,139	10,360	381	3.68	115,398	4,240
1976	11,032	10,894	399	3.66	120,180	4,402
1977	10,945	11,206	410	3.65	122,654	4,481
1978	10,803	11,243	412	3.67	121,461	4,455
1979	10,743	11,488	421	3.66	123,411	4,518
1980	10,810	11,889	434	3.65	128,525	4,696
1981 <sup>3</sup>	10,919	12,147	442	3.64	132,634	4,827

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> Preliminary.

Statistical Reporting Service.

**Table 490.—Milk: Quantities used and marketed by farmers, United States, 1965-81**

Year	Milk used on farms where produced				Milk marketed by producers			
	Fed to calves <sup>1</sup>	Consumed as fluid milk or 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		
	<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>
1965	2,061	3,443	470	5,974	112,720	3,652	1,834	118,206
1966	1,980	3,131	361	5,472	109,699	2,995	1,746	114,440
1967	1,891	2,865	287	5,164	109,433	2,374	1,760	113,567
1968	1,821	2,616	225	4,662	108,811	1,972	1,780	112,563
1969	1,745	2,397	173	4,315	108,497	1,608	1,688	111,793
1970	1,702	*2,306	.....	4,008	110,089	1,193	1,717	112,999
1971	1,635	2,117	.....	3,752	112,242	1,000	1,572	114,814
1972	1,624	1,914	.....	3,538	114,152	798	1,537	116,487
1973	1,584	1,766	.....	3,350	109,948	673	1,520	112,141
1974	1,558	1,643	.....	3,201	110,420	421	1,544	112,385
1975	1,566	1,495	.....	3,061	110,460	314	1,563	112,337
1976	1,567	1,392	.....	2,959	115,479	230	1,512	117,221
1977	1,541	1,283	.....	2,824	118,154	182	1,495	119,831
1978	1,497	1,168	.....	2,665	117,203	102	1,490	118,795
1979	1,437	1,031	.....	2,468	119,440	( <sup>4</sup> )	1,502	120,942
1980	1,395	943	.....	2,338	124,717	( <sup>4</sup> )	1,470	126,187
1981 <sup>5</sup>	1,420	902	.....	2,322	128,809	( <sup>4</sup> )	1,503	130,312

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>4</sup> Includes some milk used for other purposes on farms or not utilized.<sup>5</sup> Includes milk used for farm-churned butter, beginning 1970.<sup>6</sup> Preliminary.<sup>7</sup> Equivalent amount of milk included in whole milk to plants and dealers.

Statistical Reporting Service.

**Table 491.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1980**

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds
Ala.....	68	8,971	327	3.64	610	22
Alaska.....	1.1	11,364	407	3.58	12.5	4
Ariz.....	75	13,747	496	3.61	1,031	37
Ark.....	81	9,198	328	3.57	745	27
Calif.....	896	15,153	547	3.61	13,577	490
Colo.....	71	12,085	434	3.59	858	31
Conn.....	48	12,750	458	3.59	612	22
Del.....	10.4	12,019	442	3.68	125	4.6
Fla.....	187	10,845	373	3.44	2,028	70
Ga.....	130	10,515	381	3.62	1,367	49
Hawaii.....	13	11,692	402	3.44	152	5.2
Idaho.....	154	12,643	453	3.58	1,947	70
Ill.....	233	10,901	404	3.71	2,540	94
Ind.....	201	10,995	410	3.73	2,210	82
Iowa.....	376	10,926	401	3.67	4,108	151
Kans.....	123	10,813	391	3.62	1,330	48
Ky.....	242	9,169	337	3.68	2,219	82
La.....	114	8,877	318	3.58	1,012	36
Maine.....	56	11,875	430	3.62	665	24
Md.....	123	12,358	460	3.72	1,520	57
Mass.....	46	12,391	447	3.61	570	21
Mich.....	395	12,582	462	3.67	4,970	182
Minn.....	862	11,061	403	3.64	9,535	347
Miss.....	98	8,337	306	3.67	817	30
Mo.....	257	10,996	399	3.63	2,826	103
Mont.....	29	10,828	383	3.54	314	11
Nebr.....	121	10,868	397	3.65	1,315	48
Nev.....	15	14,593	512	3.51	219	7.7
N.H.....	30	11,567	425	3.67	347	13
N.J.....	41	12,049	441	3.66	494	18
N. Mex.....	45	13,378	470	3.51	602	21
N.Y.....	911	12,046	435	3.61	10,974	396
N.C.....	134	12,172	442	3.63	1,631	59
N. Dak.....	93	10,097	360	3.57	939	34
Ohio.....	375	11,493	424	3.69	4,310	159
Okla.....	111	10,000	359	3.59	1,110	40
Oreg.....	95	12,305	466	3.79	1,169	44
Pa.....	711	11,949	443	3.71	8,496	315
R.I.....	4.1	11,463	412	3.59	47	1.7
S.C.....	48	11,271	431	3.82	541	21
S. Dak.....	159	10,497	379	3.61	1,669	60
Tenn.....	214	10,472	390	3.72	2,241	83
Tex.....	317	11,435	405	3.54	3,625	128
Utah.....	78	13,179	468	3.55	1,028	36
Vt.....	186	12,306	449	3.65	2,289	84
Va.....	171	11,544	418	3.62	1,974	71
Wash.....	201	14,637	536	3.66	2,942	108
W. Va.....	37	9,459	348	3.68	350	13
Wis.....	1,815	12,331	460	3.73	22,380	835
Wyo.....	12	11,001	394	3.58	132	4.7
U.S. <sup>3</sup> .....	10,810	11,889	434	3.65	128,525	4,696

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Statistical Reporting Service.

Table 492.—Milk and milkfat production: Number of milk cows, yield per cow, and total quantity produced, by States, 1981 (preliminary)

State	Number of milk cows <sup>1</sup>	Production of milk and milkfat <sup>2</sup>				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	<i>Thousands</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Percent</i>	<i>Million pounds</i>	<i>Million pounds</i>
Ala.....	63	9,238	334	3.62	582	21
Alaska.....	1.1	12,182	436	3.58	13.4	.5
Ariz.....	77	14,714	530	3.60	1,133	41
Ark.....	82	9,671	344	3.56	793	28
Calif.....	923	15,432	554	3.59	14,244	511
Colo.....	73	12,712	451	3.55	928	33
Conn.....	48	12,917	468	3.62	620	22
Del.....	9.9	12,525	462	3.69	124	4.6
Fla.....	189	11,016	382	3.47	2,082	72
Ga.....	130	10,738	390	3.63	1,396	51
Hawaii.....	12.7	11,811	412	3.49	150	5.2
Idaho.....	166	13,012	466	3.58	2,160	77
Ill.....	233	11,176	411	3.68	2,604	96
Ind.....	206	11,078	412	3.72	2,282	85
Iowa.....	382	11,251	412	3.66	4,298	157
Kans.....	124	11,266	410	3.64	1,397	51
Ky.....	242	9,426	347	3.68	2,281	84
La.....	107	9,280	331	3.57	993	35
Maine.....	57	12,263	448	3.65	699	26
Md.....	122	12,754	469	3.68	1,556	57
Mass.....	46	12,565	456	3.63	578	21
Mich.....	393	12,985	473	3.64	5,103	186
Minn.....	886	11,356	412	3.63	10,061	365
Miss.....	97	8,711	318	3.65	845	31
Mo.....	249	11,554	419	3.68	2,877	104
Mont.....	29	11,414	408	3.53	331	12
Nebr.....	123	11,382	414	3.64	1,400	51
Nev.....	15.6	14,231	504	3.54	222	7.9
N.H.....	29	11,862	438	3.69	344	13
N.J.....	41	12,049	442	3.67	494	18
N. Mex.....	51	13,137	461	3.51	670	24
N.Y.....	912	12,163	439	3.61	11,093	400
N.C.....	134	12,343	451	3.65	1,654	60
N. Dak.....	93	10,355	371	3.58	963	34
Ohio.....	380	11,539	425	3.68	4,385	161
Okla.....	110	10,455	376	3.60	1,150	41
Oreg.....	97	12,577	470	3.74	1,220	46
Pa.....	721	12,434	456	3.67	8,965	329
R.I.....	3.9	11,795	423	3.59	46	1.7
S.C.....	48	11,500	445	3.87	552	21
S. Dak.....	158	11,120	401	3.61	1,757	63
Tenn.....	214	10,729	398	3.71	2,296	85
Tex.....	324	11,312	399	3.53	3,665	129
Utah.....	83	13,373	471	3.52	1,110	39
Vt.....	186	12,371	453	3.66	2,301	84
Va.....	172	11,680	425	3.64	2,009	73
Wash.....	205	14,717	537	3.65	3,017	110
W. Va.....	36	9,722	358	3.68	350	13
Wis.....	1,825	12,441	462	3.71	22,705	842
Wyo.....	12	11,333	402	3.55	136	4.8
U.S. <sup>3</sup> .....	10,919	12,147	442	3.64	132,634	4,827

<sup>1</sup> Average number during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> U.S. total will not add due to rounding.

Statistical Reporting Service.

**Table 493.—Milk: Quantities used and marketed by producers, by States, 1981  
(preliminary)**

State	Milk used on farms where produced			Milk marketed by farmers		
	Fed to calves <sup>1</sup>	Used for milk, cream, and butter	Total	Sold to plants and dealers as whole milk <sup>2</sup>	Sold directly to consumers <sup>3,4</sup>	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Ala.....	5	12	17	550	15	565
Alaska.....	.3		.7	12.5	.2	12.7
Ariz.....	7	1	8	1,120	5	1,125
Ark.....	10	25	35	758		758
Calif.....	50	8	58	13,810	376	14,186
Colo.....	37	12	49	845	34	879
Conn.....	6	4	10	595	15	610
Del.....	1	1	2	122		122
Fla.....	5	8	13	2,069		2,069
Ga.....	11	9	20	1,376		1,376
Hawaii.....	1.3	.8	2.1	147.9		147.9
Idaho.....	45	7	52	2,090	18	2,108
Ill.....	25	10	35	2,569		2,569
Ind.....	20	13	33	2,249		2,249
Iowa.....	53	40	93	4,205		4,205
Kans.....	18	10	28	1,365	4	1,369
Ky.....	31	59	90	2,191		2,191
La.....	4	21	25	955	13	968
Maine.....	8	4	12	680	7	687
Md.....	7	6	13	1,543		1,543
Mass.....	5	4	9	540	29	569
Mich.....	63	25	88	4,995	20	5,015
Minn.....	50	21	71	9,990		9,990
Miss.....	1	11	12	825	8	833
Mo.....	25	12	37	2,840		2,840
Mont.....	9	10	19	309	3	312
Nebr.....	15	15	30	1,370		1,370
Nev.....	3	2	5	217		217
N.H.....	6	2	8	328	8	336
N.J.....	6	4	10	467	17	484
N. Mex.....	5	10	15	640	15	655
N.Y.....	160	82	242	10,770	81	10,851
N.C.....	15	59	74	1,560	20	1,580
N. Dak.....	22	12	34	929		929
Ohio.....	34	27	61	4,310	14	4,324
Okla.....	12	17	29	1,105	16	1,121
Oreg.....	32	13	45	1,125	50	1,175
Pa.....	70	45	115	8,365	485	8,850
R.I.....	1	1	2	42	2	44
S.C.....	5	7	12	525	15	540
S. Dak.....	10	12	22	1,730	5	1,735
Tenn.....	40	45	85	2,205	6	2,211
Tex.....	36	11	47	3,575	43	3,618
Utah.....	12	10	22	1,060	28	1,088
Vt.....	26	15	41	2,255	5	2,260
Va.....	13	10	23	1,986		1,986
Wash.....	18	3	21	2,870	126	2,996
W. Va.....	6	7	13	330	7	337
Wis.....	371	156	527	22,165	13	22,178
Wyo.....	4	3	7	129		129
U.S.....	1,420	902	2,322	128,809	1,503	130,312

<sup>1</sup>Excludes milk sucked by calves.

<sup>2</sup>Includes the equivalent amounts of milk for cream sold to plants and 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.

<sup>4</sup>For States not published, sales are nominal. Included in milk sold to plants.

<sup>5</sup>Total milk sold plus used on farms does not equal total milk produced due to rounding.

Statistical Reporting Service.

MILK PRODUCTION

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Table 494.—Milk: Production and utilization in specified countries, 1979-81

Country	Production			Utilization <sup>1</sup>		
	Milk cows	Production per cow	Total milk product <sup>1</sup>	Fluid milk	Factory	Feed
	1,000 head	Kilograms	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
1979:						
Canada.....	1,870	4,039	7,552	2,631	4,521	400
United States.....	10,743	5,211	55,978	26,324	29,002	652
Austria.....	988	3,350	3,324	1,126	1,651	547
Belgium and Luxembourg.....	1,050	3,729	3,915	765	2,979	171
Denmark.....	1,071	4,879	5,225	799	4,301	125
France.....	7,491	3,544	27,983	4,118	20,932	2,933
Germany, Fed. Rep. of.....	5,439	4,395	23,907	3,533	19,396	978
Greece.....	385	1,777	1,694	599	1,095	.....
Ireland.....	1,503	3,265	4,908	630	4,165	113
Italy.....	3,074	3,424	11,230	3,990	6,280	960
Netherlands.....	2,300	5,038	11,739	1,933	9,683	123
Norway.....	372	5,040	1,899	978	890	31
Sweden.....	654	5,190	3,394	1,317	1,997	80
Switzerland.....	882	4,129	3,666	728	2,458	480
United Kingdom.....	3,433	4,636	15,915	7,703	8,042	170
Japan.....	1,072	6,031	6,465	3,866	2,462	137
Australia <sup>2</sup> .....	1,921	3,021	5,804	1,546	4,258	.....
New Zealand <sup>3</sup> .....	2,002	3,240	6,486	534	5,824	128
Total.....	46,250	4,348	201,084	63,120	129,936	8,028
1980:						
Canada.....	1,727	4,550	7,858	2,680	4,773	405
United States.....	10,810	5,393	58,298	26,271	31,397	630
Austria.....	975	3,483	3,411	1,149	1,713	549
Belgium and Luxembourg.....	1,040	3,734	3,898	785	2,953	160
Denmark.....	1,032	4,958	5,117	802	4,190	125
France.....	7,452	3,751	29,450	4,300	22,000	3,150
Germany, Fed. Rep. of.....	5,469	4,531	24,778	3,829	19,961	988
Greece.....	384	1,857	1,699	632	1,067	.....
Ireland.....	1,449	3,331	4,826	645	4,072	109
Italy.....	3,013	3,568	11,423	3,788	6,675	960
Netherlands.....	2,340	5,036	12,005	1,908	9,976	121
Norway.....	372	5,218	1,967	994	942	31
Sweden.....	656	5,282	3,465	1,347	2,038	80
Switzerland.....	875	4,177	3,679	746	2,418	515
United Kingdom.....	3,392	4,705	15,958	7,551	8,248	159
Japan.....	1,070	6,077	6,502	3,987	2,334	181
Australia <sup>2</sup> .....	1,869	2,976	5,562	1,568	3,994	.....
New Zealand <sup>3</sup> .....	1,999	3,416	6,828	514	6,175	139
Total.....	45,924	4,501	206,724	63,496	134,926	8,302
1981: <sup>4</sup>						
Canada.....	1,740	4,590	7,986	2,700	4,876	410
United States.....	10,919	5,510	60,162	26,055	33,502	605
Austria.....	970	3,505	3,414	1,165	1,689	560
Belgium and Luxembourg.....	1,040	3,745	3,895	800	2,945	150
Denmark.....	1,020	4,938	5,037	812	4,107	118
France.....	7,120	3,954	29,700	4,400	22,300	3,060
Germany, Fed. Rep. of.....	5,450	4,550	24,800	3,900	20,110	790
Greece.....	380	1,879	1,725	611	1,114	.....
Ireland.....	1,420	3,359	4,770	621	4,042	107
Italy.....	2,950	3,614	11,370	3,780	6,645	945
Netherlands.....	2,380	5,109	12,420	1,909	10,390	121
Norway.....	374	5,241	1,988	968	989	31
Sweden.....	653	5,349	3,493	1,341	2,072	80
Switzerland.....	860	4,233	3,664	739	2,420	505
United Kingdom.....	3,321	4,800	15,940	7,360	8,420	160
Japan.....	1,075	6,167	6,620	4,130	2,310	190
Australia <sup>2</sup> .....	1,796	2,969	5,393	1,625	3,708	.....
New Zealand <sup>3</sup> .....	2,025	3,304	6,690	503	6,043	144
Total.....	45,493	4,594	209,007	63,419	137,682	7,916

<sup>1</sup> May include milk other than cow's milk.

<sup>2</sup> Year ending June 30.

<sup>3</sup> Year ending May 31.

<sup>4</sup> Preliminary.

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

Table 495.—Milk: Supply and

Item	1967	1968	1969	1970
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
Milk production.....	118,732	117,225	116,108	117,007
Net imports of ingredients (milk equivalent) <sup>2</sup> .....	1,334	172	316	502
Net change in storage cream (milk equivalent) <sup>3</sup> .....	43	24	-22	29
<b>Total supply.....</b>	<b>120,109</b>	<b>117,421</b>	<b>116,402</b>	<b>117,538</b>
Utilization (milk equivalent):				
Used in manufactured products:				
Creamery butter, total milk equivalent.....	27,563	26,393	25,241	25,593
Milk equivalent of butter from whey cream.....	1,457	1,481	1,510	1,659
Net milk equivalent.....	26,106	24,912	23,731	23,934
Cheese:				
American.....	12,701	12,716	12,668	14,240
Other.....	4,507	4,660	4,948	5,301
Cottage cheese, creamed.....	1,050	1,094	1,150	1,250
Canned milk:				
Evaporated.....	3,087	2,851	2,973	*2,687
Sweetened condensed.....	141	195	190	
Bulk condensed whole milk:				
Unsweetened.....	636	679	567	468
Sweetened.....	149	159	147	104
Dry whole milk.....	547	589	489	508
Ice cream and other frozen dairy products, total milk equivalent.....	12,505	13,037	13,043	13,025
Milk equivalent of butter and condensed milk used in ice cream.....	<sup>5</sup> 1,967	2,058	2,015	1,984
Net milk equivalent.....	10,538	10,979	11,028	11,041
Other manufactured products <sup>6</sup> .....	308	396	424	480
<b>Total manufactured products.....</b>	<b>59,770</b>	<b>59,230</b>	<b>58,315</b>	<b>60,013</b>
Available for use in fluid products:				
Sold by dealers.....	52,240	51,920	51,112	50,281
Sold by producers directly to consumers <sup>7</sup> .....	1,760	1,780	1,688	1,717
<b>Total available for fluid products.....</b>	<b>54,000</b>	<b>53,700</b>	<b>52,800</b>	<b>51,998</b>
Used on farms where produced:				
Fed to calves.....	1,891	1,821	1,745	1,702
Consumed as fluid milk and cream.....	2,865	2,616	2,397	*2,306
Used for farm-churned butter.....	287	225	173	
<b>Total used on farms.....</b>	<b><sup>9</sup>5,164</b>	<b>4,662</b>	<b>4,315</b>	<b>4,008</b>
Residual <sup>10</sup> .....	1,175	-171	972	1,519
<b>Total utilization.....</b>	<b>120,109</b>	<b>117,421</b>	<b>116,402</b>	<b>117,538</b>

<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> Total evaporated and sweetened condensed, beginning 1970.<sup>5</sup> Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice cream.<sup>6</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.



## Utilization, United States, 1967-81

1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981 <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>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
118,566	120,025	115,491	115,586	115,398	120,180	122,654	121,641	123,411	128,525	132,634
179	188	819	181	181	219	228	232	234	202	177
14	4	3	-33	-17	39	-16	-11	24	-3	11
118,759	120,217	116,313	115,734	115,562	120,438	122,866	121,862	123,669	128,724	132,822
25,724	24,725	20,663	21,571	21,992	21,947	24,396	22,372	22,191	25,824	27,806
1,820	1,981	2,054	2,297	2,119	2,543	2,543	2,660	2,810	2,998	3,262
23,904	22,744	18,609	19,334	19,873	19,404	21,853	19,712	19,381	22,826	24,544
15,136	16,422	16,760	18,550	16,452	20,581	20,480	20,737	21,856	23,765	26,212
5,826	6,433	6,845	7,119	7,431	8,182	8,385	9,180	9,701	10,160	10,271
1,296	1,321	1,138	1,018	1,028	1,050	1,056	1,056	1,028	1,016	977
2,702	2,540	2,375	2,223	2,020	1,892	1,809	1,725	1,752	1,594	1,669
433	415	381	432	510	435	398	348	381	377	475
104	179	179	160	176	208	182	186	187	147	164
535	552	577	499	464	554	514	549	627	607	686
12,940	12,944	13,130	13,277	14,046	13,722	13,805	13,859	13,767	14,010	14,085
1,967	1,993	2,060	2,089	2,148	2,099	2,098	2,115	2,088	2,084	2,116
10,973	10,951	11,070	11,188	11,898	11,623	11,707	11,744	11,679	11,926	11,969
705	762	744	804	672	744	684	707	912	909	821
61,614	62,319	58,678	61,327	60,524	64,673	67,068	65,944	67,504	73,327	77,788
50,281	51,690	50,893	48,970	49,560	49,990	49,885	49,685	49,884	49,385	48,743
1,572	1,537	1,520	1,544	1,563	1,512	1,495	1,490	1,502	1,470	1,503
51,853	53,227	52,413	50,514	51,123	51,502	51,380	51,175	51,386	50,855	50,246
1,635	1,624	1,584	1,558	1,566	1,567	1,541	1,497	1,437	1,395	1,420
2,117	1,914	1,766	1,643	1,495	1,392	1,283	1,168	1,031	943	902
3,752	3,538	3,350	3,201	3,061	2,959	2,824	2,665	2,468	2,338	2,322
1,540	1,133	1,872	692	854	1,304	1,594	2,073	2,311	2,204	2,466
118,759	120,217	116,313	115,734	115,562	120,438	122,866	121,862	123,669	128,724	132,822

<sup>7</sup>Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

<sup>8</sup>Includes milk used for farm-churned butter, beginning 1970.

<sup>9</sup>Includes some milk used for other purposes on farms or not utilized.

<sup>10</sup>Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.

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Table 496.—Marketings, income, and value of milk production, by States, 1981  
(preliminary)

State	Milk sold to plants and dealers <sup>1</sup>				Milk sold directly to consumers <sup>2</sup>		
	Quantity	Percent fluid grade <sup>3</sup>	Price per 100 pounds	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 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ala.....	550	98	14.70	80,850	6,977	57	3,977
Alaska.....	12.5	100	19.20	2,400	93	70	65
Ariz.....	1,120	100	14.10	157,920	2,326	43	1,000
Ark.....	758	88	14.50	109,910			
Calif.....	13,810	96	13.43	1,854,683	174,884	52	90,940
Colo.....	845	(*)	14.90	125,905	15,814	53	8,381
Conn.....	595	100	14.50	86,275	6,977	54	3,768
Del.....	122	100	14.30	17,446			
Fla.....	2,069	100	16.80	347,592			
Ga.....	1,376	100	14.70	202,272			
Hawaii.....	147.9	100	20.50	* 30,320			
Idaho.....	2,090	44	12.80	267,520	8,372	64	5,358
Ill.....	2,569	80	13.80	354,522			
Ind.....	2,249	90	13.80	310,362			
Iowa.....	4,205	61	13.30	559,265			
Kans.....	1,365	84	14.00	191,100	1,860	59	1,097
Ky.....	2,191	85	13.60	297,976			
La.....	955	100	14.90	142,295	6,047	54	3,255
Maine.....	680	100	14.80	100,640	3,256	53	1,726
Md.....	1,543	100	14.30	220,649			
Mass.....	540	100	14.60	78,840	13,488	53	7,149
Mich.....	4,995	96	13.80	689,310	9,302	50	4,651
Minn.....	9,990	61	13.08	1,306,692			
Miss.....	825	96	14.40	118,800	3,721	55	2,047
Mo.....	2,840	76	13.40	380,560			
Mont.....	309	94	13.40	41,406	1,395	50	698
Nebr.....	1,370	60	13.40	183,580			
Nev.....	217	100	13.40	29,078			
N.H.....	328	100	14.50	47,560	3,721	52	1,935
N.J.....	467	100	14.10	65,847	7,907	46	3,637
N. Mex.....	640	100	15.30	97,920	6,977	57	3,977
N.Y.....	10,770	100	13.80	1,486,260	37,674	50	18,837
N.C.....	1,560	96	15.00	234,000	9,302	60	5,581
N. Dak.....	929	42	12.60	117,054			
Ohio.....	4,310	93	13.80	594,780	6,512	58	3,777
Okla.....	1,105	90	14.40	159,120	7,442	62	4,614
Oreg.....	1,125	90	13.90	156,375	23,256	45	10,465
Pa.....	8,365	99	14.20	1,187,830	225,581	42	94,744
R.I.....	42	100	14.50	6,090	930	54	502
S.C.....	525	100	15.60	81,900	6,977	66	4,605
S. Dak.....	1,730	36	12.90	223,170	2,326	50	1,163
Tenn.....	2,205	88	13.90	306,495	2,791	48	1,340
Tex.....	3,575	100	14.80	529,100	20,000	59	11,800
Utah.....	1,060	68	13.10	138,860	13,023	40	5,209
Vt.....	2,255	100	14.30	322,465	2,326	53	1,233
Va.....	1,986	93	14.10	280,026			
Wash.....	2,870	100	13.50	387,450	58,605	45	26,372
W. Va.....	330	(*)	13.80	45,540	3,256	59	1,921
Wis.....	22,165	72	13.38	2,965,677	6,047	40	2,419
Wyo.....	129	(*)	13.30	17,157			
U.S.....	128,809	85	13.80	17,738,844	699,165	48.4	338,253

See footnotes at end of table.

Table 496.—Marketings, income and value of milk production: by States, 1981  
(preliminary)—Continued

State	Combined marketing of milk and cream				Used for milk, cream, and butter where produced		Gross producer income <sup>8</sup>	Value of all milk pro- duced <sup>9</sup>
	Milk utilized	Average returns <sup>6</sup>		Cash receipts from market- ings	Milk utilized	Value <sup>7</sup>		
		Per 100 pounds milk	Per pound milkfat					
	Million pounds	Dollars	Dollars	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	565	15.01	4.15	84,827	12	1,801	86,628	87,358
Alaska.....	12.7	19.41	5.42	2,465	4	78	2,543	2,601
Ariz.....	1,125	14.13	3.93	158,920	1	141	159,061	160,093
Ark.....	758	14.50	4.07	109,910	25	3,625	113,535	114,985
Calif.....	14,186	13.72	3.82	1,945,623	8	1,098	1,946,721	1,954,277
Colo.....	879	15.28	4.30	134,286	12	1,834	136,120	141,798
Conn.....	610	14.76	4.08	90,043	4	590	90,633	91,512
Del.....	122	14.30	3.88	17,446	1	143	17,589	17,732
Fla.....	2,069	16.80	4.84	347,592	8	1,344	348,936	349,776
Ga.....	1,376	14.70	4.05	202,272	9	1,323	203,595	205,212
Hawaii.....	147.9	20.50	5.87	30,320	8	164	30,484	30,750
Idaho.....	2,108	12.94	3.61	272,878	7	906	273,784	279,504
Ill.....	2,569	13.80	3.75	354,522	10	1,380	355,902	359,352
Ind.....	2,249	13.80	3.71	310,362	13	1,794	312,156	314,916
Iowa.....	4,205	13.30	3.63	559,265	40	5,320	564,585	571,634
Kans.....	1,369	14.04	3.86	192,197	10	1,404	193,601	196,139
Ky.....	2,191	13.60	3.70	297,976	59	8,024	306,000	310,216
La.....	968	15.04	4.21	145,560	21	3,158	148,718	149,347
Maine.....	687	14.90	4.08	102,366	4	596	102,962	104,151
Md.....	1,543	14.30	3.89	220,649	6	858	221,507	222,508
Mass.....	569	15.11	4.16	85,989	4	604	86,593	87,336
Mich.....	5,015	13.84	3.80	693,961	25	3,460	697,421	706,255
Minn.....	9,990	13.08	3.60	1,306,692	21	2,747	1,309,439	1,315,979
Miss.....	833	14.51	3.98	120,847	11	1,596	122,443	122,610
Mo.....	2,840	13.40	3.69	380,560	12	1,608	382,168	385,518
Mont.....	312	13.49	3.82	42,104	10	1,349	43,453	44,652
Nebr.....	1,370	13.40	3.68	183,580	15	2,010	185,590	187,600
Nev.....	217	13.40	3.79	29,078	2	268	29,346	29,748
N.H.....	336	14.73	3.99	49,495	2	295	49,790	50,671
N.J.....	484	14.36	3.91	69,484	4	574	70,058	70,938
N. Mex.....	655	15.56	4.43	101,897	10	1,556	103,453	104,252
N.Y.....	10,851	13.87	3.84	1,505,097	82	11,373	1,516,470	1,538,599
N.C.....	1,580	15.16	4.15	239,581	59	8,944	248,525	250,746
N. Dak.....	929	12.60	3.52	117,054	12	1,512	118,566	121,338
Ohio.....	4,324	13.84	3.76	598,557	27	3,737	602,294	606,884
Okla.....	1,121	14.61	4.06	163,734	17	2,484	166,218	168,015
Oreg.....	1,175	14.20	3.80	166,840	13	1,846	168,686	173,240
Pa.....	8,850	14.49	3.95	1,282,574	45	6,521	1,289,095	1,299,029
R.I.....	44	14.98	4.17	6,592	1	150	6,742	6,891
S.C.....	540	16.02	4.14	86,505	7	1,121	87,626	88,430
S. Dak.....	1,735	12.93	3.58	224,333	12	1,552	225,885	227,180
Tenn.....	2,211	13.92	3.75	307,835	45	6,264	314,099	319,603
Tex.....	3,618	14.95	4.24	540,900	11	1,645	542,545	547,918
Utah.....	1,088	13.24	3.76	144,069	10	1,324	145,393	146,964
Vt.....	2,260	14.32	3.91	323,698	15	2,148	325,846	329,503
Va.....	1,986	14.10	3.87	280,026	10	1,406	281,432	283,269
Wash.....	2,996	13.81	3.78	413,822	3	414	414,236	416,648
W. Va.....	337	14.08	3.83	47,461	7	986	48,447	49,280
Wis.....	22,178	13.38	3.61	2,968,096	156	20,873	2,988,969	3,037,929
Wyo.....	129	13.30	3.75	17,157	3	399	17,556	18,088
U.S.....	130,312	13.87	3.81	18,077,097	902	126,347	18,203,444	18,398,974

<sup>1</sup> Includes the equivalent amounts of milk for cream sold to plants and dealers.<sup>2</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>3</sup> Also includes milk produced by institutional herds.<sup>4</sup> Not published to avoid disclosing individual operations.<sup>5</sup> Based on unrounded value. Includes milk sold directly to consumers.<sup>6</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>7</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>8</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter.<sup>9</sup> Includes value of milk fed to calves.

Statistical Reporting Service.

Table 497.—Marketings, income and value of milk production, United States, 1965-81

Year	Milk sold to plants and dealers			Cream sold to plants and dealers <sup>1</sup>			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>1,000 quarts</i>	<i>Cents</i>	<i>1,000 dollars</i>
1965	112,720	4.23	4,766,723	132,170	61.1	80,725	853,300	22.3	190,279
1966	109,699	4.81	5,272,421	107,920	67.2	72,559	813,200	23.2	188,418
1967	109,433	5.01	5,486,975	85,970	68.2	58,600	819,200	24.0	196,656
1968	108,811	5.24	5,703,747	71,140	68.7	48,903	826,800	24.8	204,632
1969	108,497	5.49	5,952,967	57,950	68.9	39,955	785,002	25.8	202,750
1970	110,089	5.71	6,281,063	42,644	70.0	29,866	798,606	27.0	215,646
1971	112,242	5.87	6,582,995	35,969	69.1	24,859	731,162	27.9	204,223
1972	114,152	6.07	6,926,955	28,737	67.8	19,478	714,841	27.8	198,855
1973	109,948	7.14	7,854,895	24,288	67.3	16,338	706,946	31.0	218,936
1974	110,420	8.33	9,193,111	15,287	63.2	9,669	717,955	34.9	250,867
1975	110,460	8.75	9,664,349	11,437	70.3	8,039	726,837	35.4	257,362
1976	115,479	9.66	11,158,050	8,350	83.4	6,966	703,114	36.4	255,651
1977	118,154	9.72	11,488,120	6,586	92.0	6,058	695,162	36.7	255,314
1978	117,203	10.60	12,400,075	3,679	102.0	3,762	693,210	38.8	268,990
1979	119,440	12.00	14,354,373				698,759	42.3	295,864
1980	124,717	13.00	16,274,044				683,490	45.3	309,488
1981 <sup>2</sup>	128,809	13.80	17,738,844				699,165	48.4	338,253

  

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 milk fat					
	<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>	
1965	118,206	4.26	1.15	5,037,727	3,913	174,844	5,296,774	
1966	114,440	4.84	1.31	5,533,398	3,492	174,943	5,801,039	
1967	113,567	5.06	1.37	5,742,231	3,152	164,830	6,005,639	
1968	112,563	5.29	1.44	5,957,282	2,841	154,853	6,206,150	
1969	111,793	5.54	1.51	6,195,672	2,570	146,106	6,434,834	
1970	112,999	5.78	1.58	6,526,575	2,306	136,094	6,757,294	
1971	114,814	5.93	1.62	6,812,077	2,117	128,100	7,034,801	
1972	116,487	6.13	1.67	7,145,288	1,914	119,285	7,361,435	
1973	112,141	7.21	1.97	8,090,169	1,766	129,431	8,331,450	
1974	112,385	8.41	2.29	9,453,647	1,643	140,079	9,723,186	
1975	112,337	8.84	2.41	9,929,750	1,495	133,026	10,198,831	
1976	117,221	9.74	2.66	11,420,667	1,392	136,765	11,706,043	
1977	119,831	9.81	2.68	11,749,492	1,283	126,448	12,023,440	
1978	118,795	10.67	2.91	12,672,827	1,168	125,155	12,956,601	
1979	120,942	12.11	3.31	14,650,237	1,031	125,975	14,949,279	
1980	126,187	13.14	3.60	16,583,532	943	124,813	16,890,254	
1981 <sup>2</sup>	130,312	13.87	3.81	18,077,097	902	126,347	18,398,974	

<sup>1</sup> After 1978 equivalent amounts of milk included in milk sold to plants and dealers.<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 producer-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.

## FOOTNOTES FOR TABLE 499

<sup>1</sup> All prices are f.o.b. factory. Geographic division prices are straight averages of monthly prices prior to 1977. U.S. prices represent weighted average prices of milk for evaporated milk.<sup>2</sup> Idaho, Montana, Oregon, Washington, and Wyoming, through 1970.<sup>3</sup> Arizona, California, Colorado, Nevada, New Mexico, and Utah, through 1970.<sup>4</sup> Not shown separately to avoid disclosure of individual operations.<sup>5</sup> Pertains to entire North Central region beginning 1971.<sup>6</sup> Pertains to entire Western region beginning 1971.<sup>7</sup> Includes South Atlantic region beginning 1972.<sup>8</sup> Preliminary.

Statistical Reporting Service.

Table 498.—Federal Milk Order Markets: Measures of growth, 1965-81

Year	Markets <sup>1</sup>	Population of Federal milk marketing areas <sup>2</sup>		Handlers <sup>1</sup>	Producers <sup>3</sup>	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
		Number	Thousands					
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.....	67	122,319	1,628	144,275	61,026	39,219	64.3	
1970.....	62	125,721	1,588	143,411	65,104	40,063	61.5	
1971.....	62	142,934	1,529	141,347	67,872	40,268	59.3	
1972.....	62	142,934	1,487	136,883	68,719	40,938	59.6	
1973.....	61	141,472	1,355	131,565	66,229	40,519	61.2	
1974.....	61	141,546	1,312	126,805	67,778	39,293	58.0	
1975.....	56	144,467	1,315	123,855	69,149	40,106	57.9	
1976.....	50	149,493	1,305	122,675	74,586	40,985	54.9	
1977.....	47	150,093	1,260	122,755	77,947	41,125	52.8	
1978.....	57	150,131	1,189	119,326	78,091	41,143	52.7	
1979.....	47	150,131	1,127	116,447	79,436	41,011	51.6	
1980.....	47	164,908	1,091	117,490	83,998	41,034	48.9	
1981.....	48	165,459	1,063	119,556	87,997	40,747	46.3	

  

Year	Prices at 3.5 percent butterfat content per hundredweight <sup>4</sup>		Receipts 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	1,000 dollars
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	71	49	1,056	18,321	2,858,351
1968.....	6.23	5.53	74	52	1,089	22,561	3,195,087
1969.....	6.50	5.74	77	56	1,164	24,892	3,591,293
1970.....	6.74	5.95	79	59	1,244	27,636	3,963,311
1971.....	6.90	6.08	80	60	1,316	29,893	4,225,340
1972.....	7.10	6.31	78	60	1,372	32,439	4,440,288
1973.....	8.03	7.31	78	60	1,386	37,461	4,928,514
1974.....	9.35	8.36	78	61	1,464	45,376	5,753,852
1975.....	9.36	8.64	78	63	1,532	49,233	6,097,768
1976.....	10.70	9.75	80	65	1,661	60,277	7,394,486
1977.....	10.59	9.69	80	66	1,740	62,692	7,695,764
1978.....	11.40	10.57	80	67	1,793	70,528	8,415,787
1979.....	12.88	11.97	80	66	1,870	83,262	9,695,637
1980.....	13.77	12.86	80	67	1,954	93,685	11,007,001
1981.....	14.69	13.63	80	68	2,021	102,165	12,214,379

<sup>1</sup>End of year. (Date on which pricing provisions became effective.) <sup>2</sup>End of year. Data for 1965-70, 1971-80, and 1981 (according to the 1960, 1970 and 1980 U.S. Census of Population, respectively.) <sup>3</sup>Average for year. <sup>4</sup>Weighted averages.

Agricultural Marketing Service.

Table 499.—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, 1965-81 <sup>1</sup>

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-west-ern <sup>3</sup>	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
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.....	4.43	4.41	4.51	4.41	4.33	4.36	4.42	4.41
1970.....	4.64	4.50	4.61	4.68	4.43	4.71	4.58	4.52
1971.....	(*)	4.65	<sup>4</sup> 4.65		4.57	<sup>6</sup> 4.90		4.68
1972.....	(*)		4.79		<sup>7</sup> 4.64	4.89		4.76
1973.....	(*)		5.54		5.64	5.66		5.64
1974.....	(*)		7.16		7.19	6.98		7.13
1975.....	(*)		7.29		7.22	7.77		7.40
1976.....	(*)		8.33		8.29	8.42		8.32
1977.....	(*)		8.46		8.39	8.63		8.45
1978.....	(*)		9.16		9.24	9.38		9.22
1979.....	(*)		10.51		10.77	10.58		10.64
1980.....	(*)		10.86		11.63	11.76		11.49
1981 <sup>8</sup> .....	(*)		11.87		12.34	12.41		12.29

See footnotes on page 340.

**Table 500.—Milk markets under Federal marketing program: Blend and Class I milk producers, producer deliveries by producer deliveries used in Class I, Class I utilization delivered by markets, 1980 and 1981**

Marketing Area	Average minimum prices per 100 pounds payable to producers				Average number of producers	
	Blend price <sup>1</sup>		Class I price		1980	1981
	1980	1981	1980	1981		
	Dollars	Dollars	Dollars	Dollars	Number	Number
Black Hills, S. Dak. <sup>2</sup>	12.92	13.83	13.61	14.52	84	78
Central Arizona <sup>4</sup>	13.35	14.12	14.19	15.09	158	162
Central Arkansas <sup>5</sup>	13.34	14.16	13.62	14.51	806	894
Central Illinois <sup>6</sup>	12.64	13.49	13.05	13.97	347	303
Chicago Regional, Ill.-Wis. <sup>7</sup>	12.33	13.07	12.98	13.83	17,478	18,206
Eastern Colorado, Col.-Kans. <sup>8</sup>	13.41	14.19	13.97	14.87	874	787
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>9</sup>	12.77	13.55	13.52	14.42	6,379	6,199
Eastern South Dakota, S. Dak.-Iowa-Minn. <sup>10</sup>	12.49	13.22	13.07	13.97	455	476
Georgia <sup>11</sup>	13.51	14.37	13.98	14.87	1,257	1,416
Great Basin, Utah-Nev.-Wyo. <sup>12</sup>	12.87	13.58	13.57	14.48	689	675
Greater Kansas City, Mo.-Kans. <sup>13</sup>	12.59	13.36	13.41	14.31	1,448	1,354
Greater Louisiana <sup>14</sup>	13.81	14.64	14.13	15.05	674	654
Indiana <sup>15</sup>	12.74	13.55	13.20	14.11	2,946	2,999
Inland Empire, Wash.-Idaho <sup>16</sup>	12.80	13.55	13.63	14.52	296	307
Iowa, Iowa-Ill. <sup>17</sup>	12.43	13.17	13.07	13.98	3,551	3,803
Lake Mead, Nev.-Utah <sup>18</sup>	13.00	13.85	13.29	14.17	45	43
Louisville-Lex.-Evans, Ky-Ind	12.77	13.62	13.39	14.27	2,257	2,223
Lubbock-Plainview, Texas	13.87	14.73	14.07	14.99	36	33
Memphis, Tenn.-Miss.-Ark	13.37	14.24	13.62	14.52	572	593
Michigan Upper Peninsula, Mich.-Wis. <sup>19</sup>	12.54	13.29	12.98	13.92	118	112
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. <sup>20</sup>	13.20	13.95	14.45	15.36	7,287	7,327
Nashville, Tenn.-Ky	12.92	13.59	13.53	14.42	963	1,117
Nebraska-Western Iowa, Nebr., Iowa-S. Dak. <sup>21</sup>	12.45	13.18	13.27	14.17	1,621	1,717
Neosho Valley, Kans.-Mo. <sup>22</sup>	12.63	13.25	13.32	14.23	29	17
New England, Mass.-Conn. N.H.-R.I.-Vt. <sup>23</sup>	13.53	14.98	14.59	15.50	7,352	7,042
New Orleans-Mississippi, La.-Miss. <sup>24</sup>	13.77	14.56	14.52	15.43	1,711	1,664
New York-Nearby Jersey <sup>25</sup>	12.97	13.80	14.28	15.26	17,555	17,656
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. <sup>26</sup>	12.81	13.63	13.37	14.28	5,450	5,362
Oklahoma Metropolitan <sup>27</sup>	13.08	13.88	13.65	14.55	1,297	1,423
Oregon-Washington <sup>28</sup>	12.80	13.55	13.62	14.52	964	964
Paducah, Ky.-Mo.	13.17	14.00	13.36	14.27	152	137
Puget Sound, Wash. <sup>29</sup>	12.56	13.34	13.52	14.43	1,176	1,158
Red River Valley, Texas-Okla. <sup>30</sup>	13.47	14.28	13.86	14.77	116	106
Rio Grande Valley, N. Mex.-Texas-Colo. <sup>31</sup>	13.25	14.29	14.02	14.92	144	132
St. Louis-Ozarks, Mo.-Ill.-Ark. <sup>32</sup>	12.63	13.38	13.27	14.18	3,089	3,108
Southeastern Florida <sup>33</sup>	14.64	15.49	14.81	15.73	68	92
Southern Illinois <sup>34</sup>	12.77	13.65	13.20	14.11	1,541	1,437
Southern Michigan <sup>35</sup>	12.62	13.35	13.27	14.17	6,432	6,473
SW. Idaho-Eastern Oregon <sup>36</sup>		12.80		14.03		366
Tampa Bay, Fla.	14.39	15.26	14.62	15.53	142	227
Tennessee Valley, Tenn.-Va.-W. Va.-Ky.-Ga. <sup>37</sup>	13.27	14.10	13.75	14.68	1,712	1,641
Texas <sup>38</sup>	13.51	14.34	13.99	14.89	2,866	3,075
Texas Panhandle, Texas-Okla. <sup>39</sup>	13.64	14.46	13.92	14.82	102	105
Upper Florida <sup>40</sup>	14.28	15.15	14.51	15.43	224	152
Upper Midwest, Minn.-Wis.-N.D.-S.D.-Iowa <sup>41</sup>	12.10	12.82	12.79	13.69	14,435	15,233
Western Colorado <sup>42</sup>	13.60	14.34	13.68	14.57	62	59
Wichita, Kans. <sup>43</sup>	12.67	13.59	13.47	14.38	532	452

<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 used. <sup>2</sup>Excludes producer-handlers who purchase no milk from other producers. <sup>3</sup>Rapid City, South Dakota. <sup>4</sup>Phoenix. <sup>5</sup>Little Rock. <sup>6</sup>Peoria. <sup>7</sup>Zone I (Chicago). <sup>8</sup>Class I and blend price at Milwaukee (Zone 4) 9 cents less. <sup>9</sup>Denver. <sup>10</sup>Zone I (Erie, Pennsylvania). <sup>11</sup>Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. <sup>12</sup>Sioux Falls. <sup>13</sup>Atlanta. <sup>14</sup>Salt Lake City, Utah. <sup>15</sup>Kansas City and Topeka. <sup>16</sup>Monroe and Shreveport. <sup>17</sup>Indianapolis. <sup>18</sup>Spokane, Washington. <sup>19</sup>Zone I (Des Moines). <sup>20</sup>Class I prices at other points in the marketing area: Rock Island, IL, minus seven cents; and Waterloo, minus 16 cents. <sup>21</sup>Las Vegas, Nevada. <sup>22</sup>Zone I (Marquette). <sup>23</sup>Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. <sup>24</sup>Zone I (Omaha).

Agricultural Marketing Service. Compiled from reports of market administrators.

prices at 3.5 percent fat test, f.o.b. city plants, unless indicated otherwise, number of percentage, average daily deliveries per producer, and average fat test of milk delivered

Producer deliveries <sup>2</sup>		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
76	72	48	49	63	67	2,546	2,555	3.63	3.61
982	1,085	616	651	63	60	17,758	18,883	3.61	3.60
413	465	342	374	83	80	1,932	1,945	3.54	3.52
186	164	116	103	62	63	1,463	1,488	3.77	3.75
11,583	12,497	2,999	2,954	26	24	1,811	1,882	3.71	3.69
897	919	655	648	73	70	2,812	3,213	3.59	3.56
3,379	3,359	1,979	1,933	59	58	1,447	1,484	3.67	3.66
285	322	137	131	48	41	1,813	1,927	3.66	3.64
1,529	1,695	1,185	1,297	78	76	3,328	3,313	3.62	3.63
842	947	479	494	57	52	3,344	3,852	3.55	3.51
971	963	463	439	48	46	1,941	1,961	3.61	3.62
586	567	501	474	86	84	2,391	2,393	3.62	3.61
1,809	1,831	1,247	1,215	69	66	1,673	1,673	3.75	3.73
375	408	182	184	49	45	3,462	3,649	3.61	3.59
2,174	2,469	754	778	35	32	1,697	1,787	3.71	3.70
146	144	109	109	74	76	9,095	9,486	3.37	3.44
1,251	1,224	732	728	58	60	1,520	1,513	3.70	3.70
71	69	64	61	91	88	6,071	6,339	3.63	3.64
334	347	280	288	84	83	2,201	2,305	3.66	3.63
50	46	32	26	64	57	1,160	1,121	3.68	3.65
5,634	5,940	2,899	2,866	52	48	2,212	2,221	3.67	3.68
616	666	344	344	56	52	1,755	1,635	3.69	3.68
1,190	1,357	528	534	44	39	2,079	2,182	3.68	3.65
10	9	5	4	48	39	1,876	1,809	3.67	3.59
5,221	5,093	2,879	2,821	55	55	1,940	1,982	3.62	3.64
1,214	1,222	822	786	68	64	1,938	2,005	3.61	3.58
10,560	10,924	4,612	4,563	44	42	1,644	1,696	3.62	3.63
2,985	3,036	1,813	1,825	61	60	1,479	1,551	3.69	3.69
946	1,008	609	623	64	62	2,272	2,291	3.60	3.59
1,562	1,602	814	795	52	50	4,424	4,557	3.76	3.72
82	85	71	70	87	83	1,499	1,710	3.68	3.70
1,938	1,970	773	788	40	40	4,503	4,658	3.64	3.65
44	45	34	33	78	73	2,170	2,277	3.58	3.58
554	502	351	354	64	70	13,238	12,161	3.52	3.52
2,057	2,084	1,250	1,135	61	54	1,820	1,838	3.64	3.63
767	757	719	692	94	91	30,348	27,311	3.42	3.44
948	914	562	563	59	62	1,681	1,741	3.70	3.70
4,455	4,609	2,245	2,109	50	46	1,892	1,951	3.67	3.64
	273		54		20		4,047		3.63
600	947	544	853	91	90	11,010	11,142	3.46	3.48
1,258	1,249	919	879	73	70	2,011	2,095	3.70	3.69
3,591	3,808	2,757	2,839	77	74	3,425	3,414	3.55	3.53
104	108	89	89	85	83	5,356	6,725	3.52	3.50
755	498	681	442	90	89	9,391	9,444	3.45	3.49
8,489	9,254	1,523	1,479	18	16	1,608	1,666	3.69	3.68
80	94	74	82	93	87	3,621	4,513	3.65	3.58
398	350	196	190	49	54	2,304	2,404	3.62	3.64

<sup>22</sup>Pittsburgh, Kansas. <sup>23</sup>Zone I (Boston). Price at 201-210 mile zone: Class I and blend, are 50 cents less. Class I and blend price at Hartford is 11 cents less. <sup>24</sup>Zone I (New Orleans). <sup>25</sup>New York metropolitan area. Price excludes a 15-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend 36 cents less. <sup>26</sup>Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) five cents more. <sup>27</sup>Oklahoma City. <sup>28</sup>Portland. <sup>29</sup>District I (Seattle). <sup>30</sup>Wichita Falls, Texas. <sup>31</sup>Albuquerque, Santa Fe, and El Paso. <sup>32</sup>Zone I (St. Louis and Springfield). <sup>33</sup>Miami. <sup>34</sup>Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) seven cents more. <sup>35</sup>Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents. <sup>36</sup>Boise, Idaho. <sup>37</sup>Bristol, Chattanooga, and Knoxville. <sup>38</sup>Zone I (Dallas). Class I price at Houston plus 36 cents. <sup>39</sup>Amarillo. <sup>40</sup>Jacksonville and Tallahassee. <sup>41</sup>Zone I (Minneapolis). <sup>42</sup>Grand Junction. <sup>43</sup>Zone I (Wichita).

**Table 501.—Milk markets under Federal marketing programs: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1980 and 1981 <sup>1</sup>**

Marketing area	Whole milk <sup>2</sup>				Lowfat and skim milk items <sup>3</sup>				Total			
	Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Percent</i>	<i>Percent</i>
Black Hills, South Dakota.....	14,073	13,427	3.30	3.30	19,860	20,280	1.96	1.78	33,933	33,707	2.51	2.38
Central Arizona.....	357,476	358,138	3.51	3.50	265,954	291,980	1.55	1.58	623,429	650,119	2.67	2.64
Central Arkansas.....	170,392	168,979	3.34	3.29	88,694	93,271	1.51	1.53	259,086	262,250	2.71	2.67
Central Illinois.....	92,416	83,669	3.25	3.25	124,290	129,379	1.73	1.79	216,707	213,048	2.38	2.36
Chicago Regional, Ill.-Wis.....	1,368,186	1,229,132	3.28	3.29	1,520,314	1,588,897	1.69	1.72	2,888,500	2,818,029	2.44	2.40
Eastern Colorado, Colo.-Kans.....	304,542	283,268	3.31	3.33	319,257	319,864	1.71	1.71	623,799	603,132	2.49	2.47
Eastern Ohio-Western Pa., Ohio-W. Va.-Pa.....	1,315,599	1,216,942	3.28	3.26	725,583	771,247	1.74	1.75	2,041,182	1,988,189	2.73	2.67
Eastern South Dakota, S. Dakota- Iowa-Minn.....	31,134	27,429	3.27	3.27	82,425	85,160	1.72	1.73	113,559	112,590	2.15	2.10
Fort Smith, Arkansas.....	16,117	17,621	3.31	3.54	9,887	9,693	1.42	1.44	26,004	27,314	2.59	2.80
Georgia.....	652,993	667,561	3.27	3.27	371,551	356,563	1.19	1.18	1,024,543	1,024,125	2.52	2.55
Great Basin, Utah-Nev.-Wyo.....	176,807	177,426	3.28	3.26	286,273	293,569	1.87	1.84	463,080	470,995	2.41	2.37
Greater Kansas City, Mo.-Kans.....	251,770	239,534	3.27	3.27	256,881	263,155	1.55	1.57	508,651	502,690	2.40	2.38
Greater Louisiana.....	454,131	473,029	3.53	3.53	133,059	141,903	1.49	1.48	587,190	614,933	3.07	3.06
Indiana.....	521,455	488,938	3.30	3.26	704,942	713,082	1.73	1.75	1,226,397	1,202,020	2.40	2.37
Inland Empire, Wash.-Idaho.....	43,795	44,570	3.30	3.30	99,818	105,209	1.76	1.77	143,613	149,780	2.23	2.23
Iowa, Iowa-Ill.....	231,767	214,744	3.33	3.33	468,437	482,286	1.67	1.69	700,205	697,030	2.22	2.19
Lake Mead, Nev.-Utah.....	92,129	90,740	3.42	3.48	59,241	62,706	1.85	1.86	151,370	153,447	2.80	2.82
Louisville-Lex.-Evans, Ky.-Ind.....	314,666	295,686	3.25	3.26	354,541	350,617	1.76	1.76	669,207	646,303	2.46	2.45
Lubbock-Plainview, Texas.....	54,363	49,918	3.36	3.33	16,862	16,733	1.46	1.43	71,225	66,651	2.91	2.85
Memphis, Tenn.-Miss.-Ark.....	154,960	149,245	3.36	3.37	71,532	72,102	1.23	1.33	226,493	221,347	2.70	2.71
Michigan Upper Peninsula, Mich.-Wis.....	37,993	34,463	3.33	3.30	50,276	54,490	1.76	1.79	88,269	88,953	2.43	2.37
Middle Atlantic, Del.-D.C.-Md.- N.J.-Pa.-Va.....	1,923,003	1,874,993	3.29	3.29	913,790	923,672	1.34	1.37	2,836,793	2,798,665	2.67	2.66
Nashville, Tenn.-Ky.....	224,543	213,934	3.32	3.31	135,861	138,301	1.46	1.43	360,404	352,236	2.62	2.57
Nebraska-Western Iowa, Nebr.- Iowa-S. Dak.....	217,063	204,106	3.31	3.30	282,189	289,375	1.65	1.65	499,251	493,482	2.37	2.33
Neosho Valley, Kans.-Mo.....	41,049	45,637	3.29	3.27	23,412	27,411	1.54	1.53	64,462	73,049	2.65	2.62
New England, Mass.-Conn.- N.H.-R.I.-Vt.....	2,152,554	2,054,908	3.30	3.31	695,957	734,502	.95	.98	2,848,510	2,789,410	2.73	2.69
New Orleans-Mississippi, La.-Miss.....	553,530	511,707	3.53	3.53	169,156	173,729	1.31	1.30	722,686	685,436	3.01	2.96
Ohio Valley, Ind.-Ky.- Mich.-Ohio-W. Va.....	963,054	896,887	3.25	3.25	936,080	978,987	1.68	1.70	1,899,134	1,875,874	2.48	2.44
Oklahoma Metropolitan.....	301,664	299,478	3.31	3.30	107,928	112,877	1.49	1.51	409,592	412,354	2.83	2.81
Oregon-Washington.....	322,741	299,685	3.36	3.35	518,181	529,516	1.79	1.77	840,922	829,200	2.39	2.34



Paducah, Ky-Mo.....	60,050	52,038	3.23	3.22	32,516	31,205	1.48	1.53	92,566	83,243	2.62	2.59
Puget Sound, Wash.....	263,698	257,560	3.31	3.31	417,877	419,505	1.79	1.80	681,575	677,065	2.38	2.37
Red River Valley, Okla. Texas.....	111,730	110,764	3.31	3.34	28,800	30,667	1.47	1.40	140,530	141,430	2.93	2.92
Rio Grande Valley, N. Mex.												
Texas-Colo.....	299,248	301,365	3.37	3.34	91,407	95,508	1.42	1.48	390,655	396,873	2.92	2.89
St. Louis-Ozarks, Mo.-Ill.-Ark.....	317,719	289,005	3.25	3.25	341,700	346,982	1.56	1.60	659,419	635,987	2.38	2.35
Southeastern Florida.....	542,269	540,846	3.33	3.31	229,911	231,001	1.31	1.28	772,180	771,847	2.72	2.71
Southern Illinois.....	227,861	210,838	3.26	3.25	271,944	288,278	1.74	1.76	499,804	499,116	2.43	2.39
Southern Michigan.....	1,271,305	1,187,532	3.26	3.24	814,330	821,266	1.09	1.14	2,085,635	2,008,799	2.42	2.38
Tampa Bay, Fla.....	394,240	401,683	3.27	3.27	202,634	212,797	1.09	1.07	596,874	614,480	2.53	2.51
Tenn. Val., Tenn.-Ky.-Va.-W.VA.-Ga.....	380,127	371,966	3.27	3.27	362,347	358,177	1.56	1.54	742,474	730,144	2.43	2.42
Texas.....	1,924,222	1,973,646	3.33	3.31	652,650	671,306	1.25	1.24	2,576,872	2,644,952	2.80	2.78
Texas Panhandle, Texas-Okla.....	76,014	77,155	3.36	3.38	20,707	20,516	1.41	1.45	96,720	97,670	2.94	2.97
Upper Florida.....	456,768	453,072	3.27	3.27	194,378	207,400	1.16	1.09	651,146	660,472	2.64	2.59
Upper Midwest, Minn-Wis-												
N.D.-S.D.-Iowa.....	326,466	297,650	3.28	3.27	1,061,824	1,071,370	1.49	1.49	1,388,290	1,369,020	1.91	1.87
Western Colorado.....	30,178	31,711	3.28	3.25	27,464	28,363	1.68	1.60	57,642	60,074	2.52	2.47
Wichita, Kansas.....	109,202	107,539	3.27	3.23	90,032	90,798	1.48	1.50	199,234	198,337	2.46	2.44

<sup>1</sup>In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

<sup>2</sup>Plain and flavored whole milk.

<sup>3</sup>Plain, fortified, and flavored skim and lowfat milk and buttermilk.

Agricultural Marketing Service. Compiled from reports of market administered.

**Table 502.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1965-81**

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 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	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>
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	300.00	5.87	3.68	4.45	3.67	5.49	3.67	68.9
1970	332.00	6.05	3.67	4.70	3.65	5.71	3.66	70.0
1971	358.00	6.19	3.67	4.86	3.65	5.87	3.66	69.1
1972	397.00	6.38	3.68	5.08	3.66	6.07	3.68	67.5
1973	496.00	7.42	3.66	6.20	3.65	7.14	3.66	67.2
1974	500.00	8.66	3.67	7.13	3.66	8.33	3.67	63.5
1975	412.00	9.02	3.67	7.63	3.66	8.75	3.67	71.0
1976	477.00	9.93	3.67	8.56	3.65	9.66	3.66	83.4
1977	504.00	9.96	3.65	8.70	3.66	9.72	3.65	92.0
1978	675.00	10.80	3.66	9.65	3.67	10.60	3.67	102.0
1979	1,040.00	12.20	3.65	11.10	3.68	12.00	3.66	119.0
1980	1,190.00	13.20	3.65	12.00	3.67	13.00	3.65	( <sup>5</sup> )
1981	1,200.00	14.00	3.64	12.70	3.66	13.80	3.64	( <sup>5</sup> )

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 lb.	Fat test	Price per 100 lb.	Fat test	American cheese		All cheese	
					Price per 100 lb.	Fat test	Price per 100 lb.	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>
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	3.04	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	4.41	3.82	4.42	3.67	4.51	3.72	4.54	3.72
1970	4.52	3.80	4.62	3.61	4.76	3.68	4.80	3.68
1971	4.68	3.79	4.82	3.61	4.89	3.68	4.92	3.67
1972	4.76	3.72	5.00	3.63	5.15	3.68	5.18	3.67
1973	5.64	3.67	6.10	3.61	6.33	3.67	6.35	3.66
1974	7.13	3.64	7.00	3.63	7.16	3.67	7.19	3.67
1975	7.40	3.62	7.60	3.65	7.70	3.68	7.75	3.68
1976	8.32	3.63	8.39	3.60	8.60	3.65	8.65	3.66
1977	8.45	3.60	8.58	3.60	8.73	3.66	8.77	3.67
1978	9.22	3.60	9.54	3.63	9.71	3.68	9.76	3.68
1979	10.64	3.57	10.84	3.65	11.09	3.69	11.14	3.69
1980	11.49	3.56	11.95	3.64	12.04	3.68	12.08	3.68
1981	12.29	3.59	12.64	3.62	12.74	3.67	12.78	3.67

<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-market 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>Estimate discontinued.

<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.

Table 503.—Dairy products: Factory production of specified items, by States, 1979-81

State	Butter			Total American cheese <sup>2</sup>			Total cheese <sup>3</sup>		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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
Ala.....									
Ariz.....									
Ark.....									
Calif.....	146,967	185,184	192,349	23,533	47,742	70,996	16,720	19,960	23,189
Colo.....	4,851	5,634	4,971						
Conn.....							6,224	4,323	5,523
Del.....									
Fla.....									
Ga.....									
Idaho.....	7,516		14,245	72,076	82,487	94,187	97,999	109,351	122,525
Ill.....	3,495		2,753	5,858	4,151		96,968	98,500	98,788
Ind.....	10,476		19,635	37,539	46,373	53,821	37,539	46,373	53,900
Iowa.....	22,161	22,136	21,797	96,967	96,517	103,871	191,794	204,577	213,860
Kans.....	11,862	16,351	18,661	20,675	25,116	25,835	23,391	30,605	30,431
Ky.....				43,799	35,355	36,123	64,920	59,499	50,338
La.....									
Maine.....									
Md.....									
Mass.....							6,255	5,099	8,559
Mich.....	31,837	36,709	43,790	20,828	25,288	21,805	31,590	35,343	36,395
Minn.....	154,872	162,911	176,122	419,304	453,459	490,734	479,952	512,361	543,256
Miss.....				8,432	8,584	10,138	8,636	8,788	10,342
Mo.....	22,260	28,203	37,170	46,595	51,589	57,180	92,250	100,796	115,939
Mont.....	1,796	1,938	2,082						
Nebr.....				19,049	19,586	24,238	69,744	70,412	69,490
Nev.....									
N.H.....									
N.J.....							25,569	28,326	27,360
N.Mex.....									
N.Y.....	35,851	47,035	48,498	87,672	75,530	74,614	304,400	319,579	330,140
N.C.....									
N.Dak.....	6,496	6,701	5,988	44,952	48,186	51,706	44,952	48,186	51,706
Ohio.....	25,828	27,028	33,351	32,913	35,111	42,516	95,147	95,166	96,500
Okl.....	18,807								
Oreg.....	13,805	14,091	14,890	31,634	34,380	37,831	31,887	34,683	38,069
Pa.....	48,814	59,172	69,205				93,908	101,262	113,160
R.I.....									
S.C.....									
S.Dak.....	11,196	10,691	9,420	48,706	55,683	59,593	70,110	78,836	85,470
Tenn.....	21,697		26,785	20,279	21,826	20,834	30,492	32,148	32,988
Tex.....									
Utah.....	4,889	5,592	7,947	41,326	50,263	63,454	62,828	71,659	85,877
Vt.....	4,372			22,306	26,102	26,306	71,226	79,836	82,859
Va.....				5,497	6,131	5,696	5,497	6,930	7,456
Wash.....	34,010	40,793	42,597	31,273	29,928	30,533	46,274	45,147	46,456
W.Va.....									
Wis.....	255,900	289,178	295,178	926,301	993,926	1,081,920	1,400,829	1,484,251	1,560,171
Wyo.....									
U.S. <sup>4</sup> .....	984,604	1,145,254	1,228,190	2,189,899	2,375,756	2,608,457	3,717,241	3,984,266	4,229,007

See footnotes at end of table.

Table 503.—Dairy products: Factory production of specified items, by States, 1979-81—  
Continued

State	Evaporated and sweetened condensed whole milk (case goods) <sup>2</sup>			Nonfat dry milk for human food			Total ice cream		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <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
Ala.....							12,464	12,602	13,385
Ariz.....							6,208	6,361	6,173
Ark.....							4,301	4,503	5,026
Calif.....				188,446	242,616	263,271	89,111	90,714	94,150
Colo.....							9,066	9,607	9,808
Conn.....							22,362	20,387	19,817
Del.....									
Fla.....							32,553	34,767	34,322
Ga.....							5,976	6,012	6,280
Idaho.....						22,225	3,216		3,069
Ill.....							38,288	38,147	35,787
Ind.....							24,312	22,466	21,672
Iowa.....				70,181	82,626	97,817	13,491		14,213
Kans.....							6,340	7,711	8,261
Ky.....									
La.....							8,326	8,235	8,246
Maine.....							625	467	493
Md.....							20,056	17,721	16,723
Mass.....							42,463	43,986	43,193
Mich.....				54,777	66,214	75,769	33,068	36,637	32,046
Minn.....				150,596	171,186	185,860	32,523	32,888	33,772
Miss.....							4,747	4,895	4,966
Mo.....							17,902	16,847	16,535
Mont.....							1,794	1,963	1,908
Nebr.....							10,299	9,125	9,556
Nev.....							1,088	1,186	1,212
N.H.....							1,031	1,237	
N.J.....							5,747	11,310	15,770
N. Mex.....							3,151	3,237	3,503
N.Y.....				42,152	56,789	56,343	61,903	57,871	63,737
N.C.....							26,922	26,764	26,304
N. Dak.....				5,498	4,900	5,660	2,379	2,459	2,256
Ohio.....	141,907	132,056	119,219	28,886	38,087	39,629	46,590	49,020	46,750
Okla.....							8,716	9,565	9,663
Oreg.....							8,594	8,169	9,069
Pa.....				20,949	48,301	57,447	73,746	79,939	71,321
R.I.....							1,401	1,110	1,065
S.C.....							10,877	10,237	10,463
S. Dak.....				34,786	38,536	40,980			
Tenn.....							18,371	18,751	18,095
Tex.....							38,751	38,987	44,570
Utah.....						5,022	7,878	8,198	8,475
Vt.....							272	298	317
Va.....							7,822	8,781	10,665
Wash.....							17,139	17,040	16,505
W. Va.....							2,252	2,359	2,450
Wis.....				98,036	118,624	143,268	18,084	21,580	20,861
Wyo.....									
U.S. <sup>4</sup> .....	796,076	724,665	757,919	908,713	1,160,691	1,314,270	811,079	829,798	832,243

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby, washed curd, high and low moisture jack, Monterey, and granular-cheese.<sup>3</sup> Includes full-skim American cheese; excludes cottage cheese.<sup>4</sup> Includes data for individual States which have less than 3 plants and are not shown separately.<sup>5</sup> Combined to avoid disclosure of individual operations.

Statistical Reporting Service.

Table 504.—Dairy products: Quantities manufactured, United States, 1974-81

Product	1974	1975	1976	1977	1978	1979	1980	1981 <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>
Creamery butter.....	961,724	983,791	978,631	1,085,595	994,290	984,604	1,145,254	1,228,190
American cheese:								
Whole milk.....	1,858,602	1,654,580	2,048,828	2,043,063	2,074,202	2,189,899	2,375,756	2,608,457
Part skim.....	3,703	5,368	4,951	4,110	4,866	4,395	5,381	5,860
Swiss cheese (including block).....	175,345	173,758	196,327	189,259	209,362	213,283	218,940	214,410
Munster cheese.....	48,640	52,090	55,326	55,419	59,313	63,611	69,982	67,359
Brick cheese.....	23,545	19,593	19,252	15,887	16,883	14,385	15,373	13,878
Limburger cheese.....	2,436	1,902	1,876	1,723	1,606	1,562	1,564	1,248
Cream and Neufchatel cheese.....	150,258	160,298	168,020	176,421	198,255	212,292	228,587	241,335
Blue cheese.....	28,262	28,506	33,885	34,776	35,347	34,628	33,043	30,214
All Italian varieties of cheese.....	606,096	671,860	747,405	793,489	875,656	929,090	982,731	994,398
All other varieties of cheese <sup>2</sup> .....	40,483	43,452	44,376	44,388	44,194	54,096	52,909	51,848
Total of all cheese <sup>2</sup> .....	2,937,370	2,811,407	3,320,246	3,358,535	3,519,684	3,717,241	3,984,266	4,229,007
Cottage cheese:								
Curd <sup>3</sup> .....	689,660	700,975	711,141	684,481	688,399	668,546	667,433	647,541
Creamed <sup>3</sup> .....	855,682	861,669	874,605	877,978	870,529	839,735	824,546	773,321
Lowfat <sup>3</sup> .....	121,941	129,316	135,364	139,007	153,139	150,383	179,836	208,333
Sweetened condensed milk:								
Bulk goods:								
Skimmed.....	44,137	32,156	51,939	63,738	44,634	46,527	45,681	46,007
Unskimmed.....	69,387	76,270	89,207	78,240	80,678	81,283	63,763	70,351
Unsweetened condensed milk (plain, condensed):								
Bulk goods:								
Skimmed.....	670,266	718,542	720,988	782,555	717,209	689,200	685,881	659,641
Unskimmed.....	180,120	214,389	181,421	166,113	144,742	157,880	156,406	195,619
Evaporated and condensed milk:								
Case goods:								
Skimmed.....	17,413	10,673	9,929	8,097	10,407	14,175	15,793	20,490
Unskimmed.....	1,035,209	926,923	932,123	818,927	787,866	796,076	724,665	757,919
Condensed or evaporated buttermilk.....	16,425	24,884	22,907	30,344	39,500	40,889	40,016	41,159
Dry buttermilk.....	45,280	42,834	46,279	53,231	47,613	44,671	43,875	43,814
Dry whole milk.....	67,721	63,086	78,088	69,379	74,617	85,320	82,712	92,724
Nonfat dry milk.....	1,019,916	1,011,454	926,183	1,106,619	920,422	908,713	1,160,691	1,314,270
Dry skim milk (animal feed).....	5,623	7,934	5,915	7,884	6,488	6,129	6,944	7,846
Dry whey.....	851,351	595,590	661,761	627,803	711,490	732,941	689,718	783,816
	<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>
Ice cream.....	781,971	836,552	818,241	809,849	815,360	811,079	829,798	832,243
Sherbet (does not include water ices).....	49,932	48,542	49,589	49,783	48,034	45,124	45,187	45,631
Ice milk <sup>4</sup> .....	296,100	298,789	286,176	307,949	310,063	296,653	293,384	291,509

<sup>1</sup> Preliminary.

<sup>2</sup> Includes full-skim American cheese beginning 1974.

<sup>3</sup> Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat. Lowfat cottage cheese contains less than 4 percent milkfat and has not been legal in interstate commerce, but beginning 1972, is legal under Federal standards if its content of milkfat is not less than 0.5 percent and not more than 2.0 percent by weight.

<sup>4</sup> Includes freezer-made milkshake in most States.

Statistical Reporting Service.

**Table 505.—Mellorine-type frozen desserts: Production by States, United States totals, 1965-81**

Year	Ala- bama	Arizo- na	Arkan- sas	Cali- fornia	Illi- nois	Louisi- ana	Mis- souri	Mon- tana	Okla- homa	Or- egon	Texas	United States <sup>1</sup>
	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons	1,000 gal- lons
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	1,888	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.....	147	1,055	1,355	15,509	3,401	1,351	2,206	503	2,629	1,013	23,526	55,829
1969.....	120	1,022	1,454	14,347	3,961	1,214	2,968	491	2,664	976	23,176	55,566
1970.....	55	870	1,370	13,076	4,150	984	2,318	.....	1,940	1,055	22,793	51,878
1971.....	.....	671	1,264	11,668	3,947	572	2,060	.....	1,829	1,137	21,994	48,378
1972.....	.....	574	1,050	10,971	3,790	511	1,899	.....	1,719	927	20,660	45,447
1973.....	.....	527	903	9,759	3,226	345	1,522	.....	1,380	766	18,813	39,775
1974.....	.....	526	922	8,295	1,915	336	1,377	.....	1,198	532	17,008	34,605
1975.....	.....	546	713	6,747	1,402	217	993	.....	1,037	532	15,833	30,038
1976.....	.....	437	656	5,258	1,140	112	889	.....	657	402	11,507	23,284
1977.....	.....	393	571	4,077	1,004	116	752	.....	536	295	9,100	18,795
1978.....	.....	.....	468	3,421	954	32	527	.....	456	261	7,949	16,264
1979.....	.....	.....	413	2,725	1,070	.....	519	58	375	230	6,913	15,674
1980.....	.....	.....	393	2,263	912	.....	487	.....	241	203	6,052	13,190
1981 <sup>2</sup> .....	.....	.....	378	1,744	857	4	479	.....	204	190	5,642	11,191

<sup>1</sup> Includes several minor producing States which are not shown separately.<sup>2</sup> Preliminary.

Statistical Reporting Service.

**Table 506.—Dairy products: Manufacturers' average selling price of specified products, United States, 1965-81**

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
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.....	7.50	23.50	16.75	43.82
1970.....	7.98	26.30	16.30	45.76
1971.....	6.95-9.24	30.72	20.67	46.47
1972.....	7.52-9.31	32.70	25.41	48.36
1973.....	8.10-9.26	45.79	34.51	57.95
1974.....	10.18-12.75	58.37	37.74	66.08
1975.....	10.98-14.15	62.13	37.93	71.30
1976.....	11.88-14.77	63.30	34.60	79.24
1977.....	12.05-15.62	66.65	32.02	80.69
1978.....	( <sup>2</sup> )	71.01	33.14	89.63
1979.....	( <sup>2</sup> )	79.94	35.63	101.58
1980.....	( <sup>2</sup> )	88.58	40.31	110.97
1981.....	( <sup>2</sup> )	93.92	43.66	118.53

<sup>1</sup> Includes milk sold in bulk and in package.<sup>2</sup> Estimate discontinued.

Statistical Reporting Service.

**Table 507.—Dairy products: Manufacturers' stocks, end of month, United States, 1980 and 1981**

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1980	1981	1980	1981	1980	1981
	<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>
January.....	75,282	41,711	4,667	6,547	85,540	81,672
February.....	73,889	36,871	4,595	4,842	80,477	93,341
March.....	76,243	39,545	6,103	3,875	83,706	96,463
April.....	88,582	52,991	4,384	3,955	114,378	102,005
May.....	105,829	66,317	4,772	4,646	140,413	116,483
June.....	115,841	76,975	6,274	3,575	137,383	116,278
July.....	127,761	81,554	6,508	3,262	118,685	99,134
August.....	131,746	99,105	4,484	2,909	109,468	104,319
September.....	119,629	101,086	2,981	3,042	76,203	87,204
October.....	98,382	84,832	3,397	2,802	75,348	83,746
November.....	75,553	58,634	5,035	4,304	69,514	75,781
December.....	51,794	46,010	5,268	5,953	85,041	86,657

Statistical Reporting Service.

**Table 508.—Dairy products: Cold-storage holdings, first of month, United States, 1980 and 1981**

Month	Creamery butter		American Cheese		Swiss cheese		Total natural cheese <sup>1</sup>	
	1980	1981	1980	1981	1980	1981	1980	1981
	<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>
January.....	191,033	332,080	399,753	504,674	13,920	11,770	515,791	601,667
February.....	205,625	372,315	399,546	508,608	12,477	12,274	508,920	596,320
March.....	217,155	407,411	387,784	503,927	12,401	12,309	495,147	593,580
April.....	238,060	450,403	405,149	539,872	11,409	11,643	510,476	632,414
May.....	281,719	473,581	438,548	555,582	11,365	11,448	544,360	649,785
June.....	295,909	507,454	472,093	584,952	12,575	11,858	582,651	685,747
July.....	307,995	515,463	507,672	615,717	13,950	11,825	620,026	714,247
August.....	306,368	515,631	501,153	617,698	13,918	13,437	613,814	719,436
September.....	302,916	489,454	498,151	598,601	14,222	11,288	610,562	694,324
October.....	301,506	470,005	484,401	591,315	11,794	10,927	590,922	682,446
November.....	302,709	451,095	462,271	590,414	12,205	11,002	565,417	677,482
December.....	304,646	429,184	479,576	623,017	11,282	12,109	578,842	709,641

<sup>1</sup> Includes American, Swiss, and other types of natural cheese.

Statistical Reporting Service.

Table 509.—Dairy products: Dec. 31 stocks, United States, 1965-81

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
1965.....	52,096	308,562	134,755	5,924	5,000	154,402	83
1966.....	32,298	372,668	192,874	11,578	6,932	118,225	138
1967.....	168,613	429,289	190,246	5,780	6,116	256,208	96
1968.....	117,355	404,984	104,769	2,122	7,563	277,763	72
1969.....	88,636	317,566	<sup>5</sup> 149,739		6,576	221,700	93
1970.....	118,772	324,500	115,823		4,706	137,915	
1971.....	96,847	307,142	88,815		4,025	89,531	
1972.....	107,470	331,444	80,480		3,351	44,857	
1973.....	46,379	357,808	69,217		5,377	74,585	
1974.....	49,227	493,973	79,199		6,419	293,203	
1975.....	10,856	368,579	58,617		5,636	468,943	
1976.....	47,058	478,465	70,677		9,085	485,396	
1977.....	184,907	486,031	75,164		5,972	677,886	
1978.....	206,930	457,261	70,300		4,383	585,091	
1979.....	177,760	512,221	76,955		4,312	485,242	
1980.....	304,646	690,730	53,009		5,268	586,770	
1981 <sup>6</sup> .....	429,184	975,762	46,808		5,953	889,699	

<sup>1</sup>Includes Government holdings.<sup>2</sup>Excludes cottage and full-skim American cheese. Beginning 1967, includes process American cheese held by CCC.<sup>3</sup>Beginning 1968, includes stock held by CCC.<sup>4</sup>Sweetened condensed milk, unskimmed.<sup>5</sup>Total canned milk; data no longer shown separately.<sup>6</sup>Preliminary.

Economic Research Service.

Table 510.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1965-81 <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
	<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>		<i>Billion pounds</i>	<i>Billion pounds</i>	<i>Pounds</i>
1965.....	58.8	57.8	302	1971.....	54.0	53.0	259	1977.....	52.7	52.1	239
1966.....	58.4	57.4	297	1972.....	55.2	54.3	262	1978.....	52.3	51.7	235
1967.....	56.9	55.7	285	1973.....	54.2	53.4	255	1979.....	52.4	51.8	232
1968.....	56.3	55.1	280	1974.....	52.2	51.5	243	1980.....	51.8	51.2	227
1969.....	55.2	54.0	272	1975.....	52.6	52.0	243	1981 <sup>2</sup> .....	51.1	50.5	222
1970.....	54.2	53.1	263	1976.....	52.9	52.3	242				

<sup>1</sup>Milk equivalent of 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.



Table 511.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1965-81<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
1965.....	1,367	1,232	6.4	1,864	1,826	9.6	2,231	2,040	10.6
1966.....	1,150	1,098	5.7	1,925	1,889	9.8	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	1,115	5.7	2,133	2,083	10.6	1,899	1,745	8.9
1969.....	1,156	1,079	5.4	2,222	2,182	10.9	1,736	1,565	7.9
1970.....	1,115	1,061	5.3	2,355	2,317	11.5	1,551	1,432	7.1
1971.....	1,171	1,040	5.1	2,527	2,486	12.1	1,522	1,393	6.8
1972.....	1,094	1,017	4.9	2,759	2,719	13.1	1,445	1,313	6.3
1973.....	1,025	999	4.8	2,888	2,849	13.6	1,353	1,248	6.0
1974.....	972	956	4.5	3,117	3,071	14.5	1,278	1,175	5.6
1975.....	1,024	1,012	4.7	3,115	3,072	14.4	1,239	1,119	5.2
1976.....	945	934	4.3	3,417	3,375	15.6	1,192	1,067	4.9
1977.....	950	941	4.3	3,560	3,513	16.1	1,036	939	4.3
1978.....	974	966	4.4	3,791	3,736	16.9	1,019	899	4.1
1979.....	1,016	1,005	4.5	3,908	3,837	17.2	1,026	909	4.1
1980.....	1,021	1,013	4.5	4,037	3,974	17.6	970	853	3.8
1981 <sup>5</sup> .....	1,107	982	4.3	4,192	4,154	18.2	1,036	932	4.1

  

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
1965.....	3,634	3,544	18.5	91	59	0.31	2,010	1,069	5.6
1966.....	3,606	3,511	18.2	92	64	.33	1,619	1,132	5.9
1967.....	3,578	3,488	17.8	75	51	.26	1,541	1,085	5.6
1968.....	3,711	3,616	18.4	78	46	.23	1,575	1,140	5.8
1969.....	3,674	3,579	18.0	71	44	.22	1,510	1,148	5.8
1970.....	3,656	3,561	17.6	71	43	.21	1,530	1,079	5.3
1971.....	3,676	3,581	17.5	73	32	.16	1,468	1,083	5.3
1972.....	3,685	3,600	17.3	76	24	.12	1,270	955	4.6
1973.....	3,714	3,634	17.3	76	21	.10	1,154	1,113	5.3
1974.....	3,753	3,679	17.4	67	15	.07	916	884	4.2
1975.....	4,015	3,945	18.5	63	16	.08	828	703	3.3
1976.....	3,928	3,858	17.9	75	33	.15	911	764	3.5
1977.....	3,887	3,817	17.5	72	34	.16	917	729	3.3
1978.....	3,914	3,844	17.4	77	56	.25	1,015	689	3.1
1979.....	3,893	3,823	17.1	85	66	.30	1,010	741	3.3
1980.....	3,984	3,913	17.3	82	63	.28	1,062	688	3.0
1981 <sup>5</sup> .....	3,995	3,925	17.2	104	39	.17	1,014	612	2.7

<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.

**Table 512.—Dairy products: Average price per pound for specified products, 1967 and 1978-81**

Item and market	1967	1978	1979	1980	1981
Butter, bulk, wholesale selling prices, New York: <sup>1</sup>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Grade AA (93-score).....	0.6765	1.1558	1.2910	1.4668	1.5608
Grade A (92-score).....	.6748	1.1407	1.2717	1.4475	1.5351
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA (93-score).....	.6671	1.1058	1.2374	1.4079	1.4897
Grade A (92-score).....	.6668	1.0976	1.2243	1.3934	1.4799
Butter, one-pound prints, wholesale selling prices, California cities:					
Grade AA and A (93-score and 92-score).....	.7898	1.2666	1.4327	1.6135	1.6855
Butter, spot cash call prices, <sup>2</sup> Chicago Mercantile Exchange:					
Grade AA (93-score):					
High.....	.6875	1.2350	1.3200	1.4800	1.5250
Low.....	.6575	.9900	1.1000	1.3000	1.4650
Grade A (92-score):					
High.....	.6850	1.2100	1.2900	1.4750	1.5075
Low.....	.6575	.9900	1.0900	1.2700	1.4550
Cheese, cheddar, f.o.b. Wisconsin Assembling Points:					
Barrels.....		1.0225	1.1543	1.2702	1.3394
40-pound blocks.....	.4522	1.0708	1.2377	1.3304	1.3944
Cheese, prices <sup>2</sup> National Cheese Exchange, Inc.:					
Cheddar, barrels:					
High.....	.4200	1.0950	1.2225	1.3400	1.3475
Low.....	.4025	.9150	1.0400	1.1700	1.2850
Cheddar, 40-pound blocks:					
High.....	.4400	1.1300	1.2500	1.3800	1.3700
Low.....	.4225	.9700	1.1200	1.2050	1.3525
Nonfat dry milk, f.o.b. plant, Central States Production Area:					
Extra Grade <sup>4</sup> .....	\$.2075	.7181	.8024	.8859	.9331
Grade A.....		.7288	.8181	.8978	.9489
Whey power, f.o.b. plant, Central States Production Area:					
Edible (nonhygroscopic).....		.1403	.1084	.1435	.1688
Used for animal feed (spray process).....		.1250	.0929	.1191	.1422

<sup>1</sup> Reporting of New York bulk butter prices were discontinued April 20, 1981. Averages for 1981 represent Jan. through Mar. only.

<sup>2</sup> Prices represent high and low for the year.

<sup>3</sup> Green Bay, Wisconsin.

<sup>4</sup> Average for high and low heat processing.

<sup>5</sup> Includes Grade A.

Agricultural Marketing Service.

Table 513.—Butter: Production in specified countries, 1979-81

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
Canada.....	106	111	117	Czechoslovakia.....	120	128	130
Mexico.....	8	9	9	German Dem. Rep.....	276	280	281
United States.....	447	519	561	Hungary.....	29	32	32
Total.....	561	639	687	Poland.....	293	294	255
				Yugoslavia.....	17	18	19
South America:				Total Eastern Europe.....	735	752	717
Argentina.....	32	29	29	Total Europe.....	2,972	2,987	2,887
Brazil.....	90	90	95	Soviet Union.....	1,409	1,373	1,315
Chile.....	4	4	5	Africa:			
Peru.....	5	5	4	South Africa.....	18	17	16
Venezuela.....	10	10	10	Asia:			
Total.....	141	138	143	India.....	475	480	485
				Japan.....	68	63	60
Europe:				Total.....	543	543	545
Belgium and Luxembourg.....	105	97	102	Oceania:			
Denmark.....	131	113	109	Australia <sup>2</sup> .....	105	84	79
France.....	596	627	600	New Zealand <sup>3</sup> .....	255	255	247
Germany, Fed. Rep. of.....	568	578	540	Total.....	360	339	326
Ireland.....	132	124	120	Grand total.....	6,004	6,036	5,919
Italy.....	79	76	74				
Netherlands.....	202	179	183				
United Kingdom.....	161	165	170				
Greece.....	7	7	7				
Total EC.....	1,981	1,969	1,905				
Austria.....	40	43	42				
Finland.....	74	74	73				
Norway.....	20	22	23				
Portugal.....	3	4	5				
Spain.....	18	22	24				
Sweden.....	65	66	63				
Switzerland.....	36	35	35				
Total other Western Europe.....	256	266	265				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Year ending May 31.

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

Table 514.—Cheese: Production in specified countries, 1979-81

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>		<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:				Europe—Con.			
Canada.....	167	177	176	Portugal.....	34	37	39
Mexico.....	145	155	160	Spain.....	138	140	145
United States.....	1,686	1,807	1,907	Sweden.....	96	100	108
Total.....	1,998	2,139	2,243	Switzerland.....	125	125	125
South America:				Total other Western Europe.....	599	616	633
Argentina.....	239	245	240	Czechoslovakia.....	99	109	110
Brazil.....	230	240	230	German Dem. Rep.....	207	210	211
Chile.....	13	14	15	Hungary.....	36	38	39
Peru.....	25	25	24	Poland.....	92	94	74
Venezuela.....	28	28	28	Yugoslavia.....	144	147	150
Total.....	535	552	537	Total Eastern Europe.....	578	598	584
Europe:				Total Europe.....	4,389	4,537	4,666
Belgium and Luxembourg.....	24	24	25	Soviet Union.....	701	678	685
Denmark.....	189	221	243	Africa:			
France <sup>2</sup> .....	1,117	1,145	1,178	South Africa.....	33	31	30
Germany, Fed. Rep. of.....	387	421	450	Asia and Oceania:			
Greece.....	170	168	175	Japan.....	9	9	10
Ireland.....	58	49	53	Australia <sup>3</sup> .....	132	142	135
Italy.....	601	615	615	New Zealand <sup>4</sup> .....	90	106	84
Netherlands.....	432	443	465	India.....	1	1	1
United Kingdom.....	234	237	245	Total.....	232	258	230
Total EC.....	3,212	3,323	3,449	Grand total.....	7,888	8,195	8,391
Austria.....	71	74	76				
Finland.....	67	70	70				
Norway.....	68	70	70				

<sup>1</sup> Preliminary    <sup>2</sup> Includes uncured cheese.    <sup>3</sup> Year ending June 30.    <sup>4</sup> Year ending May 31.

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

Table 515.—Dairy products: United States imports by type of product, 1965-81

Year	Dried milk <sup>1</sup>	Cheese				Butter	Casein
		Swiss <sup>2</sup>	Cheddar <sup>3</sup>	Other	Total		
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965.....	625	7,136	7,261	21,578	35,975	339	41,635
1966.....	1,289	10,829	22,757	27,848	61,434	303	48,946
1967.....	421	10,973	27,305	30,569	68,847	307	45,210
1968.....	814	26,685	7,122	43,418	77,225	335	52,205
1969.....	871	14,858	7,092	43,414	65,364	308	52,666
1970.....	799	18,281	5,172	49,547	73,000	339	61,366
1971.....	973	16,292	4,466	40,898	61,656	285	48,054
1972.....	727	20,996	4,674	55,679	81,349	324	47,810
1973.....	120,913	29,593	9,602	65,028	104,223	19,880	51,178
1974.....	52,200	35,892	48,635	58,637	143,164	5,252	51,206
1975.....	1,121	26,717	4,834	49,862	81,413	239	26,510
1976.....	824	34,639	3,649	55,714	94,002	255	50,867
1977.....	831	33,978	4,246	56,760	94,984	337	65,429
1978.....	1,120	42,010	4,380	62,988	110,998	334	62,204
1979.....	989	34,169	4,653	73,820	112,642	357	68,415
1980.....	2,218	30,214	4,358	69,778	104,850	258	69,019
1981 <sup>4</sup> .....	1,248	29,990	5,488	76,862	112,340	810	57,981

<sup>1</sup> Includes whole and skimmed milk.    <sup>2</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.    <sup>3</sup> Beginning 1966, includes colby cheese.    <sup>4</sup> Preliminary.

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

Table 516.—Dairy products: United States imports by country of origin, 1979-81

Commodity and country of origin	1979	1980	1981 <sup>1</sup>	Commodity and country of origin	1979	1980	1981 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Cheese, Swiss:<sup>3</sup></b>			
Argentina.....	7	20	162	Austria.....	9,275	7,017	6,756
Denmark.....	23	20	20	Denmark.....	2,745	1,835	1,743
Sweden.....	14	25	20	Finland.....	10,041	9,280	9,133
New Zealand.....	161	140	150	France.....	830	968	1,063
Other countries.....	152	73	478	Germany, Fed. Rep. of.....	1,776	4,010	4,056
Total.....	357	258	810	Iceland.....	1,095	311	296
				Netherlands.....	173	429	991
<b>Cheese, all types:</b>				Norway.....	8,351	7,538	6,824
Canada.....	1,783	539	495	Switzerland.....	4,294	3,773	3,905
Argentina.....	57	271	121	Other countries.....	4,045	880	738
Austria.....	1,679	958	906	Total.....	42,625	36,041	35,505
Belgium and Luxembourg.....	20	20	322				
Denmark.....	7,457	10,322	11,811	<b>Milk, nonfat dry milk:</b>			
Finland.....	1,529	1,531	1,867	Canada.....	726	530	215
France.....	4,872	5,453	7,949	Australia.....	259	958	546
Germany, Fed. Rep. of.....	646	2,049	3,789	New Zealand.....	3	.....	1
Mexico.....	206	263	.....	Other countries.....	1	730	486
Iceland.....	1,675	365	313	Total.....	989	2,218	1,248
Ireland.....	238	282	426				
Italy.....	201	317	329	<b>Casein:</b>			
Netherlands.....	601	282	1,032	Canada.....	1,183	358	4
Norway.....	340	286	257	Argentina.....	663	990	875
Portugal.....	155	235	132	Uruguay.....	.....	59	.....
Sweden.....	1,785	873	1,307	Denmark.....	531	2,052	1,741
Switzerland.....	1,237	1,385	1,267	France.....	890	4,027	2,636
United Kingdom.....	739	1,140	1,925	Germany, Fed. Rep. of.....	109	260	528
Israel.....	893	597	680	Ireland.....	6,728	10,876	9,016
Czechoslovakia.....	270	165	179	Norway.....	773	893	1,307
Hungary.....	128	51	208	United Kingdom.....	1,248	2,529	1,169
Poland.....	1,196	1,035	360	Poland.....	931	1,590	1,256
Dominican Republic.....	107	15	14	Soviet Union.....	2,175	575	139
Azores.....	135	247	.....	Australia.....	9,850	8,130	8,329
Australia.....	4,535	2,461	2,225	New Zealand.....	41,774	34,820	29,672
New Zealand.....	13,855	12,219	12,413	Other countries.....	1,560	1,860	1,309
Other countries.....	157	741	268	Total.....	68,415	69,019	57,981
Total.....	46,496	45,102	50,595				
				<b>Cheese, cheddar:<sup>2</sup></b>			
Canada.....	289	363	633	Canada.....	.....	.....	.....
Austria.....	135	113	116	Austria.....	.....	.....	.....
Ireland.....	.....	.....	14	Ireland.....	.....	.....	.....
Netherlands.....	.....	.....	.....	Netherlands.....	.....	.....	.....
United Kingdom.....	41	173	260	United Kingdom.....	.....	.....	.....
Australia.....	926	1,192	1,191	Australia.....	.....	.....	.....
New Zealand.....	3,260	3,017	3,200	New Zealand.....	.....	.....	.....
Other countries.....	2	.....	74	Other countries.....	.....	.....	.....
Total.....	4,653	4,858	5,488	Total.....	.....	.....	.....

<sup>1</sup> Preliminary.<sup>2</sup> Includes colby cheese.<sup>3</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

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

Table 517.—Dairy products: Exports by principal exporting countries, 1978-80

Commodity and country of destination	1978	1979	1980 <sup>1</sup>	Commodity and country of destination	1978	1979	1980 <sup>1</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Condensed milk:</b>			
Belgium and Luxembourg	94,000	101,000	138,000	United States <sup>3</sup>	1,819	1,533	
Denmark	89,000	83,000	72,000	Denmark <sup>4</sup>	1,476	1,024	308
France	81,000	163,000	178,000	France	27,921	23,412	21,777
Germany, Fed. Rep. of	124,000	155,000	239,000	Netherlands	67,660	78,082	81,068
Ireland	83,000	119,000	90,000	Switzerland	3,775		
Netherlands	193,000	211,000	183,000	United Kingdom	1,738	2,234	2,275
Soviet Union	18,000	18,000	18,000	Australia <sup>2</sup>	2,726		
Australia <sup>2</sup>	34,000	45,000	24,000	<b>Total</b>	<b>107,115</b>	<b>106,285</b>	<b>105,428</b>
New Zealand <sup>2</sup>	177,000	192,000	231,000				
<b>Total</b>	<b>893,000</b>	<b>1,087,000</b>	<b>1,173,000</b>	<b>Milk, dried whole:</b>			
				United States <sup>3</sup>	5,877	4,418	3,474
<b>Cheese:</b>				Belgium and Luxembourg	32,075	31,363	59,446
Denmark	132,000	144,000	173,000	Denmark	69,191	66,090	71,324
Finland	36,000	38,000	37,000	Finland			
France	198,000	224,000	232,000	France	97,649	132,573	177,260
Germany, Fed. Rep. of	164,000	186,000	210,000	Ireland	32,349	26,068	40,377
Ireland	42,000	60,000	37,000	Netherlands	138,828	164,781	216,283
Italy	24,000	34,000	33,000	United Kingdom	26,210	33,454	31,204
Netherlands	249,000	286,000	275,000	Australia <sup>2</sup>	40,137	43,000	51,000
Switzerland	57,000	60,000	64,000	<b>Total</b>	<b>442,316</b>	<b>501,747</b>	<b>650,368</b>
Australia <sup>2</sup>	44,000	51,000	61,000				
New Zealand <sup>2</sup>	70,000	63,000	69,000	<b>Milk, nonfat dry milk:</b>			
<b>Total</b>	<b>1,016,000</b>	<b>1,146,000</b>	<b>1,191,000</b>	Canada	123,000	93,000	60,000
				United States <sup>3</sup>	122,000	84,000	131,000
<b>Evaporated milk:</b>				Belgium and Luxembourg			
United States <sup>2</sup>	14,967	17,653	17,435	Belgium and Luxembourg	91,000	145,000	93,000
Belgium and Luxembourg	2,005	724	450	Denmark	34,000	53,000	35,000
France	25,570	38,338	35,703	France	166,000	131,000	138,000
Netherlands	312,784	329,753	387,398	Germany, Fed. Rep. of	489,000	633,000	492,000
United Kingdom	40,196	31,292	36,019	Ireland	145,000	173,000	130,000
Australia <sup>2</sup>	5,166	11,000	46,000	Netherlands	166,000	193,000	117,000
<b>Total</b>	<b>400,688</b>	<b>428,760</b>	<b>523,005</b>	United Kingdom	112,000	120,000	151,000
				Australia <sup>2</sup>	36,000	18,000	12,000
				New Zealand <sup>2</sup>	220,000	141,000	172,000
				<b>Total</b>	<b>1,704,000</b>	<b>1,784,000</b>	<b>1,531,000</b>

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 30.<sup>3</sup> Excludes exports for relief and charity.<sup>4</sup> Includes evaporated and other canned milk.

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

Table 518.—Dairy products: United States exports<sup>1</sup> by country of destination, 1979-81

Commodity and country of destination	1979	1980	1981 <sup>2</sup>	Commodity and country of destination	1979	1980	1981 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Butter:</b>				<b>Cheese, all types—Con.</b>			
Bahamas	62	49	65	Canada	1,576	1,229	1,038
Canada	11	50	103	Haiti	86	83	73
Jamaica	2	2		Jamaica	18	43	22
Mexico	46	60	65	Mexico	253	289	450
Trust Territory of the Pacific Islands	178	101	20	Netherlands Antilles	170	252	268
Other countries	125	129	53,330	Panama	341	318	312
<b>Total</b>	<b>424</b>	<b>391</b>	<b>55,583</b>	Trinidad and Tobago	57	101	48
				Venezuela	361	204	234
				Greece	17	16	13
<b>Cheese, all types:</b>				United Kingdom	12	41	10
Bahamas	244	183	190	Liberia	33	13	25
Bermuda	180	137	100	South Africa	10	30	64
				Japan	1,009	1,231	1,199

See footnotes at end of table.

Table 518.—Dairy Products: United States exports<sup>1</sup> by country of destination, 1979-81—Continued

Commodity and country of destination	1979	1980	1981 <sup>2</sup>	Commodity and country of destination	1979	1980	1981 <sup>2</sup>
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>		<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
<b>Cheese, all types—Con.</b>				<b>Milk, nonfat dry—Con.</b>			
Hong Kong.....	137	87	99	Mexico.....	14,004	29,009	28,309
Saudi Arabia.....	213	306	77	Bolivia.....	1,145	3,119	2,255
Singapore.....	52	34	25	Brazil.....	232	266	697
Other countries.....	636	1,438	1,484	Colombia.....	3		47
Total.....	5,405	6,035	5,731	Paraguay.....	256	124	809
				Peru.....	1,097	1,245	3,565
<b>Evaporated milk:</b>				Venezuela.....			1
Bahamas.....	86	31	30	Netherlands.....	844	18	
Jamaica.....				Switzerland.....			
Mexico.....	14,735	15,597	13,442	United Kingdom.....	2	13	
Panama.....	2			Algeria.....			
Colombia.....	18	68	103	Egypt.....	97		8,039
Spain.....	49	29	30	Mozambique.....	699	659	344
Trust Territory of the Pacific Islands.....	1,074	745	427	South Africa.....	429	273	285
Other countries.....	1,689	965	437	Sudan.....	493	1,707	1,602
Total.....	17,653	17,435	14,469	Zaire.....	1,368	312	2,711
				Afghanistan.....	500		
<b>Condensed milk:</b>				Bangladesh.....	1,428		600
Bahamas.....	30	50	27	Hong Kong.....	19	23	8
Mexico.....	707	1,877	910	India.....	6,307	3,402	3,821
Guinea.....	31	16	15	Indonesia.....	2,184	2,573	932
Indonesia.....				Iran.....			
Other countries.....	245	92	97	Japan.....	57	99	
Total.....	1,013	2,035	1,049	Lebanon.....			
				Pakistan.....	942	3,361	3,779
<b>Milk, dried whole:<sup>3</sup></b>				Philippines.....	2,959	5,300	7,223
Bahamas.....	5			Other countries.....	33,173	49,426	74,732
Canada.....	37	148	301	Total.....	68,135	101,060	139,849
Costa Rica.....	19	5	28				
El Salvador.....	44	10	18	<b>Infants dietary supplements, dry milk base:</b>			
Guatemala.....	67	100	38	Canada.....	322	610	419
Jamaica.....	14	21	3	Dominican Republic.....	110	62	68
Mexico.....	992	596	69	Guatemala.....	37	29	26
Argentina.....				Honduras.....	25	26	22
Bolivia.....			111	Jamaica.....	17	7	25
Colombia.....	11	68		Mexico.....		2	24
Venezuela.....	7	88	26	Panama.....	138	170	125
Austria.....	4	0		Ecuador.....	124	241	317
France.....		5	1	Peru.....	263	280	369
Spain.....	475	0		Greece.....			
United Kingdom.....	10	9	4	Ireland.....	3	10	12
South Africa.....	0	119	54	Egypt.....			
Taiwan.....	633	571	47	Ethiopia.....			
Hong Kong.....	98	55	14	Libya.....			
Iran.....				Nigeria.....	21		37
Japan.....	671	571	581	Taiwan.....	350	351	497
Malaysia.....	0	3		Hong Kong.....	979	92	21
Philippines.....	122	9	655	Indonesia.....		2	5
Singapore.....	7	10	25	Iran.....	11		
Thailand.....				Japan.....	64	92	165
Australia.....	43	51	91	Malaysia.....	3	6	13
Other countries.....	1,159	1,035	591	Philippines.....	18	43	10
Total.....	4,418	3,474	2,657	Saudi Arabia.....	8	31	18
				Singapore.....		2	3
<b>Milk, nonfat dry:</b>				Thailand.....			
Canada.....	277	101	85	Australia.....	172	145	293
Jamaica.....	220	30	5	Other countries.....	849	1,004	2,419
				Total.....	3,514	3,205	4,888

<sup>1</sup> Excludes exports for relief.<sup>2</sup> Preliminary.<sup>3</sup> Dry whole milk recategorized in 1978 as "other dried milk and cream".

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

Table 519.—Dairy products: Price-support operations, United States, 1965-81

Marketing year	Manufacturing milk				Butterfat			Product purchase price per pound <sup>3</sup>			Product purchases <sup>7</sup>			
	Support level	Average price received per cwt.		Support level	Average price received per cwt.		Butter <sup>4</sup>	Cheddar cheese <sup>5</sup>	Non-fat dry milk, spray process <sup>6</sup>	Quantity		Percentage of milk and cream marketed by farmers		
		Per cwt.	Percentage of parity <sup>2</sup>		Per pound	Percentage of parity <sup>2</sup>				Milk-fat content	Non-fat solids content	Milk-fat content	Non-fat solids content	
	Dollars	Per-cent	Dollars	Cents	Per-cent	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Per-cent	Per-cent	
1965.....	3.24	75	3.45	59.4	75	62.1	58.966	36.1	14.6	132	677	3.1	6.9	
1966.....	3.50 4.00	78 89	4.11	61.6 68.0	75 83	68.6	60.966 66.466	39.3 43.75	16.6 19.6	102	418	2.4	4.3	
1967.....	4.00	87	4.07	68.0	81	68.2	66.466 66.442	43.75	19.6 19.85	259	666	6.2	7.0	
1968.....	4.28	89	4.30	66.0	77	68.4	66.418 66.394	47.0	23.35	180	568	4.4	6.0	
1969.....	4.28	83	4.55	68.6	75	69.6	67.644 67.596	48.0	23.35	168	375	4.1	3.9	
1970.....	4.66	85	4.76	71.5	75	71.1	69.846 69.798 69.711	52.0	27.2	274	470	6.6	4.9	
1971.....	4.93	85	4.91	(17)	(17)	69.5	69.784 67.708	54.75	31.7	252	489	6.0	5.0	
1972.....	4.93 5.29	79 85	5.22	(17)	(17)	68.1	67.708 60.9	54.75	31.7 37.5	209	283	4.9	2.9	
1973.....	5.29 5.61	75 80	6.95	(17)	(17)	68.3	60.9	62.0	37.5	28	53	7	.6	
1974.....	6.57 7.24	81 89	6.87	(17)	(17)	61.3	60.57 68.07	70.75	56.6 60.6	92	415	2.2	4.3	
1975.....	7.24 7.71	79 84	8.12	(17)	(17)	74.6	69.19 79.69	79.25	60.00 62.4	52	301	1.3	3.1	
1976.....	8.13 8.26	80 81	8.52	(17)	(17)	83.4	85.817 90.817	90.50	62.4	127	331	2.9	3.3	
(24).....	(9.00)	(82)	(8.65)	(17)	(17)		(100.71)	(98.00)	(68.0)	(140)	(363)	(6.2)	(6.9)	
1977.....	9.00 9.43	82 86	9.30	(17)	(17)	92.0	100.71 106.71	98.00	68.0 71.0	137	345	3.1	3.4	
1978.....	9.87 10.76	80 87	10.86	(17)	(17)	102.0	111.30 121.80	106.0	73.75 79.0	55	203	1.2	2.0	
1979.....	11.49 12.36	80 86	11.75	(17)	(17)	119.0	131.33 140.58	124.0	84.0 89.5	304	679	6.7	6.3	
1980.....	13.10	80	12.72	(17)	(17)		149.00	139.5	94.0	468	936	9.9	8.4	
1981.....	13.49 13.10	75 72		(17)	(17)		153.00 149.00	143.25	96.5 94.0					

<sup>1</sup>Marketing year changed from April-March to October-September on Oct. 1, 1977. <sup>2</sup>Percentage of the parity equivalent price for manufacturing milk and the parity price for butterfat as of the beginning of the marketing year. <sup>3</sup>Announced purchase prices for products in bulk containers. <sup>4</sup>Indicated price is for Chicago (which represents an approximate U.S. average purchase price) based on New York prices less 80 percent of the lowest rail freight rate from Chicago to New York. <sup>5</sup>U.S. Grade A or higher, standard moisture basis. <sup>6</sup>U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 100-lb. bags, Nov. 4, 1955 through Aug. 18, 1967 and 50-lb. bags beginning Aug. 19, 1967. <sup>7</sup>Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program.) Includes purchases at market prices for domestic school lunch and welfare programs beginning with the 1966-67 marketing year and ending in the 1973-74 marketing year under Section 709 of the Food and Agriculture Act of 1965. Includes purchases with Section 32 funds for distribution to needy persons of evaporated milk beginning in the 1968-69 marketing year and purchases of dry whole milk during 1971-72 through 1974-75. Purchases were also made in 1973-74 through 1975-76 marketing year under Section 4(a) of the Agriculture and Consumer Protection Act of 1973. <sup>8</sup>Effective June 30, 1966. <sup>9</sup>Effective Aug. 19, 1967. <sup>10</sup>Effective for product in 50-lb. bags, beginning Aug. 19, 1967. <sup>11</sup>Effective June 24, 1968. <sup>12</sup>Effective Nov. 28, 1968. <sup>13</sup>Effective Nov. 19, 1969. <sup>14</sup>Effective June 9, 1970. <sup>15</sup>Effective Nov. 20, 1970. <sup>16</sup>Effective Jan. 10, 1971. <sup>17</sup>The requirement to support butterfat was suspended by the Agricultural Act of 1970 and terminated by the Agriculture and Consumer Protection Act of 1973. <sup>18</sup>Effective Mar. 15, 1973. <sup>19</sup>Effective Aug. 10, 1973. <sup>20</sup>Effective Jan. 4, 1975. <sup>21</sup>Effective Oct. 2, 1975. <sup>22</sup>Effective Oct. 1, 1976. <sup>23</sup>Calendar year average, discontinued after 1979. <sup>24</sup>Transition period. <sup>25</sup>Effective Apr. 1, 1978 (80 percent of parity as of that date). <sup>26</sup>Effective Apr. 1, 1979 (78 percent of parity as of that date). <sup>27</sup>Effective Apr. 1, 1980 (79 percent of parity as of that date). <sup>28</sup>Effective Oct. 21, 1981.

Agricultural Stabilization and Conservation Service.



Table 520.—Dairy products: United States exports <sup>1</sup> by type of product, 1965-81

Year	Butter	Cheese	Milk and cream			
			Evaporated (unsweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk
	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>	<i>Metric tons</i>
1965	20,590	3,086	11,191	29,859	8,456	199,171
1966	1,074	2,712	17,400	42,776	7,069	77,266
1967	152	2,860	15,318	13,247	5,397	63,904
1968	703	2,968	14,831	19,270	7,790	68,308
1969	244	2,590	16,849	23,668	6,308	50,633
1970	143	3,055	15,110	7,452	5,713	96,293
1971	41,192	2,948	14,820	15,947	10,708	56,337
1972	18,907	2,904	18,373	6,738	17,060	70,272
1973	1,501	3,180	18,768	895	22,427	4,716
1974	264	3,433	18,449	1,013	20,284	3,039
1975	313	3,879	24,019	957	15,783	41,074
1976	199	3,939	20,185	2,141	14,098	4,684
1977	272	4,660	13,057	2,408	10,579	17,580
1978	270	4,775	14,967	1,819	5,877	49,840
1979	424	5,405	17,968	1,531	4,418	68,135
1980	391	5,715	17,435	2,037	3,474	101,060
1981 <sup>2</sup>	53,583	5,731	14,469	1,049	2,657	139,849

<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.

Table 521.—Chickens: Number and value, United States, Dec. 1, 1969-81 <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				
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969	136,874	176,649	50,832	51,083	6,658	422,096	1.28	541,453
1970	134,376	189,007	50,206	52,994	6,697	433,280	1.21	525,206
1971	136,915	181,063	50,559	46,908	6,318	421,763	1.23	417,219
1972	131,119	163,035	48,833	49,022	6,182	404,191	1.28	516,420
1973	125,708	168,095	52,026	56,854	6,086	408,769	1.62	662,509
1974	121,849	164,184	46,752	45,832	5,484	394,101	1.70	653,305
1975	122,513	157,230	48,404	46,261	5,346	379,754	1.74	659,960
1976	119,083	160,695	47,776	45,175	5,632	378,361	1.70	643,720
1977	117,645	169,032	47,653	46,191	5,997	386,518	1.69	651,851
1978	123,191	170,115	48,992	48,681	5,954	396,933	1.75	606,019
1979	120,140	174,793	50,186	49,048	6,418	400,585	1.81	726,365
1980	122,038	172,185	47,183	44,358	6,346	392,110	1.88	738,646
1981 <sup>2</sup>	128,229	164,280	42,102	41,863	6,746	383,220	1.89	724,714

<sup>1</sup> Does not include commercial broilers.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 522.—Chickens: Hens and pullets of laying age, by States, Dec. 1, 1979–81

State	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.....	5,000	5,200	5,500	8,900	8,300	7,650	13,900	13,500	13,150
Alaska.....	7	16	21	17	12	14	24	28	35
Ariz.....	308	285	245	180	175	235	488	460	480
Ark.....	6,650	5,765	5,940	10,350	11,785	11,250	17,000	17,550	17,190
Calif.....	17,794	17,221	15,470	19,206	18,779	20,230	37,000	36,000	35,700
Colo.....	812	860	1,440	1,178	1,105	1,130	1,990	1,965	2,570
Conn.....	1,356	2,016	2,487	2,519	2,299	1,663	3,875	4,315	4,150
Del.....	213	117	120	297	550	790	510	667	910
Fla.....	9,921	7,239	6,549	4,023	5,395	5,119	13,944	12,634	11,668
Ga.....	9,100	10,045	10,748	16,600	13,709	12,254	25,700	23,754	23,002
Hawaii.....	658	593	538	341	414	401	999	1,007	939
Idaho.....	346	518	600	289	454	431	635	972	1,031
Ill.....	2,150	2,050	2,400	3,300	3,350	2,720	5,450	5,400	5,120
Ind.....	6,150	6,640	6,300	9,250	9,860	10,900	15,400	16,500	17,200
Iowa.....	2,880	2,350	2,760	4,820	5,550	5,540	7,700	7,900	8,300
Kans.....	865	800	704	1,035	930	1,126	1,900	1,730	1,830
Ky.....	1,050	612	1,000	1,390	1,838	1,350	2,440	2,450	2,350
La.....	1,050	1,250	1,250	1,670	1,240	1,120	2,720	2,490	2,370
Maine.....	2,209	1,567	2,200	5,155	5,246	3,700	7,364	6,813	5,900
Md.....	615	944	1,185	1,035	1,100	1,215	1,650	2,044	2,400
Mass.....	617	644	650	755	811	622	1,372	1,455	1,272
Mich.....	2,400	2,540	2,500	3,850	3,860	3,800	6,250	6,400	6,300
Minn.....	3,813	4,500	4,700	5,687	5,500	5,900	9,500	10,000	10,600
Miss.....	2,175	3,228	4,318	4,606	3,584	3,069	6,781	6,812	7,387
Mo.....	2,694	2,200	2,380	3,456	4,200	3,820	6,150	6,400	6,200
Mont.....	276	399	300	323	361	490	599	760	790
Nebr.....	1,218	1,210	1,900	2,252	2,410	1,600	3,470	3,620	3,500
Nev.....	8	8	8	2	2	2	10	10	10
N.H.....	278	230	235	539	430	345	817	660	580
N.J.....	597	735	592	740	547	745	1,337	1,282	1,337
N. Mex.....	800	715	939	819	820	570	1,619	1,535	1,509
N.Y.....	3,450	3,500	3,700	4,000	4,150	3,900	7,450	7,650	7,600
N.C.....	3,800	4,200	5,000	10,000	9,000	7,500	13,800	13,200	12,500
N. Dak.....	260	210	203	180	125	167	440	335	370
Ohio.....	2,700	3,500	3,900	7,050	6,600	6,700	9,750	10,100	10,600
Okl.....	1,500	1,000	740	1,900	2,300	2,460	3,400	3,300	3,200
Oreg.....	1,725	1,180	1,460	1,000	1,445	1,070	2,725	2,625	2,530
Pa.....	5,230	6,080	6,020	11,370	10,770	11,130	16,600	16,850	17,150
R.I.....	45	179	202	253	228	131	298	407	333
S.C.....	2,950	3,085	3,815	4,330	3,765	3,000	7,280	6,850	6,815
S. Dak.....	892	865	785	1,208	1,095	1,215	2,100	1,960	2,000
Tenn.....	2,320	1,700	2,120	1,830	2,400	1,580	4,150	4,100	3,700
Texas.....	4,300	6,000	6,400	8,000	7,300	7,000	12,300	13,300	13,400
Utah.....	925	1,115	1,104	757	756	788	1,682	1,871	1,892
Vt.....	143	140	149	267	202	165	410	342	314
Va.....	1,354	1,792	1,585	2,676	2,197	2,493	4,030	3,989	4,078
Wash.....	2,534	2,995	3,275	2,534	2,353	2,239	5,068	5,348	5,514
W. Va.....	320	311	276	460	499	333	780	810	609
Wis.....	1,650	1,651	1,490	2,380	2,369	2,590	4,030	4,020	4,080
Wyo.....	32	38	26	14	15	18	46	53	44
U.S.....	120,140	122,038	128,229	174,793	172,185	164,280	294,933	294,223	292,509

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 523.—Chickens: Pullets not of laying age, and other chickens, by States, Dec. 1, 1979-81

State	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>	1979	1980	1981 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Ala.....	4,210	3,470	2,500	3,180	3,150	2,700	710	580	650
Alaska.....	1	1	1		11		1	1	1
Ariz.....	67	65	35	16	15	7	9	10	8
Ark.....	4,520	4,200	3,920	4,550	4,650	4,950	930	1,050	1,040
Calif.....	3,777	3,764	3,667	4,505	3,332	2,571	228	174	212
Colo.....	117	351	286	194	270	213	14	24	31
Conn.....	939	820	740	1,057	782	694	0	96	70
Del.....	202	190	185	112	180	150	26	63	5
Fla.....	2,244	2,792	2,162	2,207	1,655	1,908	148	155	159
Ga.....	5,380	4,572	3,097	4,920	3,944	3,484	900	990	961
Hawaii.....	147	175	136	160	132	167	0	0	0
Idaho.....	92	182	157	286	111	163	10	25	39
Ill.....	635	580	400	805	810	530	60	60	50
Ind.....	2,500	2,970	2,500	2,518	2,241	2,100	82	89	100
Iowa.....	860	1,100	1,180	980	1,400	1,230	60	100	90
Kans.....	333	178	212	215	210	190	22	22	34
Ky.....	522	325	380	476	270	290	62	55	80
La.....	295	290	335	400	330	390	85	90	105
Maine.....	2,138	1,116	1,530	1,575	1,199	750	113	92	40
Md.....	223	225	347	217	226	343	60	60	30
Mass.....	126	108	141	197	209	153	31	18	37
Mich.....	825	950	820	885	800	940	40	50	40
Minn.....	1,125	1,440	1,370	1,750	1,430	1,530	125	130	100
Miss.....	1,551	1,588	915	1,817	1,375	848	401	407	381
Mo.....	815	550	590	685	400	570	70	50	90
Mont.....	150	130	74	136	69	69	5	6	7
Nebr.....	296	236	380	141	125	250	23	19	20
Nev.....	1	1	1	1	1	1	1	1	1
N.H.....	300	143	90	140	121	80	20	20	30
N.J.....	208	66	117	5	45	40	5	7	6
N. Mex.....	251	290	120	318	315	190	2	5	6
N.Y.....	1,300	1,300	1,450	1,400	1,500	1,500	50	50	50
N.C.....	2,800	3,300	2,640	3,500	2,200	2,710	700	600	650
N. Dak.....	57	50	50	15	25	20	8	10	10
Ohio.....	1,050	1,150	1,625	1,050	1,350	1,900	100	70	75
Okla.....	490	250	560	360	160	260	150	90	180
Oreg.....	320	405	370	195	285	250	35	35	50
Pa.....	2,175	1,676	2,043	1,946	2,298	2,213	209	126	194
R.I.....	30	69	48	3	33	30	1	1	2
S.C.....	1,268	997	690	1,124	1,553	1,230	98	95	115
S. Dak.....	319	270	186	222	134	150	21	11	14
Tenn.....	615	910	550	430	570	100	105	120	150
Tex.....	2,700	2,050	1,600	2,100	2,150	1,900	400	300	500
Utah.....	208	91	144	106	134	85	4	4	4
Vt.....	44	52	62	49	33	37	3	8	12
Va.....	803	642	596	863	941	738	186	220	188
Wash.....	452	588	423	471	603	733	42	59	54
W. Va.....	68	78	122	65	10	28	27	72	53
Wis.....	635	435	553	700	570	477	35	25	20
Wyo.....	2	2	2	1	1	1	1	1	2
U.S.....	50,186	47,183	42,102	49,048	44,358	41,863	6,418	6,346	6,746

<sup>1</sup>Preliminary.

Statistical Reporting Service.

Table 524.—Chickens: Number, value per head, and total value, by States, Dec. 1, 1979-81<sup>1</sup>

State	Number			Value per head			Total value		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <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>
Ala.....	22,000	20,700	19,000	1.85	2.20	1.95	40,700	45,540	37,050
Alaska.....	26	41	37	4.35	3.50	5.05	113	144	187
Ariz.....	580	550	530	1.50	1.50	2.15	870	825	1,140
Ark.....	27,000	27,450	27,100	2.15	2.20	2.40	58,050	60,390	65,040
Calif.....	45,510	43,270	42,150	1.70	1.75	1.95	77,367	75,723	82,193
Colo.....	2,315	2,610	3,100	2.20	1.80	2.60	5,093	4,698	8,060
Conn.....	5,871	6,013	5,654	2.05	2.20	2.25	12,036	13,229	12,722
Del.....	850	1,100	1,250	1.70	1.80	1.70	1,445	1,980	2,125
Fla.....	18,543	17,236	15,897	1.45	1.60	1.80	26,887	27,578	28,615
Ga.....	36,900	33,260	30,544	1.80	1.95	1.75	66,420	64,857	53,452
Hawaii.....	1,306	1,314	1,242	3.05	3.20	3.25	3,983	4,205	4,037
Idaho.....	1,023	1,290	1,390	1.55	1.55	1.70	1,586	2,000	2,363
Ill.....	6,950	6,850	6,100	1.65	1.65	1.65	11,468	10,618	10,065
Ind.....	20,500	21,800	21,900	1.45	1.35	1.40	29,725	29,430	30,660
Iowa.....	9,600	10,500	10,800	1.50	1.70	1.70	14,400	17,850	18,360
Kans.....	2,470	2,140	2,266	1.75	1.60	1.50	4,323	3,424	3,399
Ky.....	3,500	3,100	3,100	1.80	1.85	1.90	6,300	5,735	5,890
La.....	3,500	3,200	3,200	1.95	2.10	2.25	6,825	6,720	7,200
Maine.....	11,190	9,220	8,220	2.05	2.25	2.35	22,940	20,745	19,317
Md.....	2,150	2,555	3,120	1.80	1.90	1.70	3,870	4,855	5,304
Mass.....	1,725	1,790	1,603	2.15	2.30	2.55	3,711	4,117	4,088
Mich.....	8,000	8,200	8,100	1.45	1.35	1.50	11,600	11,070	12,150
Minn.....	12,500	13,000	13,600	1.50	1.55	1.50	18,750	20,150	20,400
Miss.....	10,550	10,182	9,531	2.05	2.25	1.85	21,628	22,910	17,632
Mo.....	7,720	7,400	7,450	1.65	1.80	1.65	12,738	13,320	12,293
Mont.....	890	965	940	2.25	2.45	2.10	2,003	2,364	1,974
Nebr.....	3,930	4,000	4,150	1.80	1.90	1.95	7,074	7,600	8,093
Nev.....	13	13	13	2.15	2.45	2.30	28	32	30
N.H.....	1,277	944	780	2.00	2.30	2.55	2,554	2,171	1,989
N.J.....	1,555	1,400	1,500	1.85	1.95	1.85	2,877	2,730	2,775
N. Mex.....	2,190	2,145	1,825	2.20	1.70	1.95	4,818	3,647	3,559
N.Y.....	10,200	10,500	10,600	1.80	1.70	1.75	18,360	17,850	18,550
N.C.....	20,800	19,300	18,500	2.05	2.45	2.55	42,640	47,285	47,175
N. Dak.....	520	420	450	1.45	2.20	2.15	754	924	968
Ohio.....	11,950	12,670	14,200	1.70	1.50	1.35	20,315	19,005	19,170
Okla.....	4,400	3,800	4,200	2.25	2.35	2.30	9,900	8,930	9,660
Oreg.....	3,275	3,350	3,200	1.85	2.05	1.90	6,059	6,668	6,080
Pa.....	20,930	20,950	21,600	1.70	1.65	1.70	35,581	34,568	36,720
R.I.....	332	510	413	2.40	2.30	2.35	797	1,173	971
S.C.....	9,770	9,495	8,850	1.65	1.90	1.30	16,121	18,041	11,505
S. Dak.....	2,662	2,375	2,350	1.60	1.70	2.00	4,259	4,038	4,700
Tenn.....	5,300	5,700	4,500	1.90	1.50	1.35	10,070	8,550	6,075
Tex.....	17,500	17,800	17,400	2.10	1.95	2.30	36,750	34,710	40,020
Utah.....	2,000	2,100	2,125	2.20	1.65	1.70	4,400	3,465	3,613
Vt.....	506	435	425	2.30	2.35	2.45	1,164	1,022	1,041
Va.....	5,882	5,792	5,600	2.15	2.65	2.35	12,646	15,349	13,160
Wash.....	6,033	6,598	6,724	2.10	2.15	1.60	12,669	14,186	10,758
W. Va.....	940	970	812	1.70	2.65	2.45	1,598	2,571	1,989
Wis.....	5,400	5,050	5,130	1.85	1.85	2.00	9,990	9,343	10,260
Wyo.....	50	57	49	2.20	1.95	2.80	110	111	137
U.S.....	400,585	392,110	383,220	1.81	1.88	1.89	726,365	738,646	724,714

<sup>1</sup> Does not include commercial broilers.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 525.—Total Poultry Meat: Production in specified countries, 1979-81

Continent and country	1979	1980	1981 <sup>1</sup>
	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>	<i>1,000 metric tons</i>
North America:			
Canada.....	539	530	543
Mexico.....	404	476	522
United States.....	6,520	6,627	6,986
Total.....	7,463	7,633	8,051
South America:			
Argentina.....	193	231	234
Brazil.....	1,096	1,330	1,485
Peru.....	96	130	146
Venezuela.....	191	232	241
Total.....	1,576	1,923	2,106
Europe:			
Belgium and Luxembourg.....	131	134	136
Denmark.....	100	97	104
France.....	1,034	1,122	1,252
Germany, Fed. Rep. of.....	364	374	380
Greece.....	135	144	149
Ireland.....	47	50	47
Italy.....	908	953	950
Netherlands.....	359	376	398
United Kingdom.....	753	754	743
Total EC.....	3,831	4,004	4,159
Austria.....	63	64	64
Finland.....	13	15	17
Norway.....	11	12	13
Portugal.....	131	140	147
Spain.....	747	771	885
Sweden.....	41	42	42
Switzerland.....	23	24	24
Total other Western Europe.....	1,209	1,068	1,192
Bulgaria.....	165	165	170
Czechoslovakia.....	202	210	213
Germany, Dem. Rep.....	143	146	148
Hungary.....	313	325	360
Poland.....	421	445	454
Romania.....	383	377	381
Yugoslavia.....	267	276	290
Total Eastern Europe.....	1,894	1,944	2,016
Total Europe.....	6,754	7,016	7,367
Soviet Union.....	2,018	2,103	2,250
Africa:			
Egypt.....	120	121	135
South Africa.....	324	342	361
Total Africa.....	444	463	496
Asia and Oceania:			
Hong Kong.....	39	41	35
Israel.....	153	145	142
Japan.....	1,109	1,145	1,131
Lebanon.....	17	20	20
Turkey.....	79	81	83
Australia.....	271	313	303
Total.....	1,668	1,745	1,714
Grand total.....	19,923	20,883	21,984

<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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 526.—Chickens: Production, disposition, cash receipts, and gross income, by States, 1981 (preliminary) <sup>1</sup>

State	Number					Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Raised	Lost <sup>2</sup>	Produced	Consumed on production units	Sold	Produced <sup>3</sup>	Consumed on production units	Sold					
	Thousands	Thousands	Thousands	Thousands	Thousands	1,000 pounds	1,000 pounds	1,000 pounds					
Ala.....	15,200	2,000	13,200	600	14,300	69,982	2,280	71,500	10.5	7,348	7,508	239	7,747
Alaska.....	107	24	83	71	16	362	284	72	35.0	127	25	99	124
Ariz.....	279	80	199	11	208	836	37	832	6.5	54	54	2	56
Ark.....	21,500	2,400	19,100	600	18,850	122,680	2,400	122,525	11.2	13,740	13,723	269	13,992
Calif.....	24,455	4,942	19,513	240	20,393	80,025	960	81,572	11.7	9,363	9,544	112	9,656
Colo.....	2,310	200	2,110	120	1,500	7,934	468	5,400	17.0	1,349	918	80	998
Conn.....	3,309	385	2,924	8	3,275	13,040	42	14,410	9.0	1,174	1,297	4	1,301
Del.....	900	90	810	20	640	4,963	92	3,968	11.5	571	456	11	467
Fla.....	11,500	1,700	9,800	100	11,039	40,741	350	44,156	8.4	3,422	3,709	29	3,738
Ga.....	23,568	3,527	20,041	460	22,297	105,882	1,840	113,715	12.5	13,235	14,214	230	14,444
Hawaii.....	633	171	462	4	530	1,671	15	1,961	12.4	207	243	2	245
Idaho.....	785	145	640	80	460	2,397	320	1,794	8.0	192	144	26	170
Ill.....	4,500	700	3,800	170	4,380	14,772	680	16,206	8.5	1,256	1,378	58	1,436
Ind.....	16,800	1,900	14,900	500	14,300	56,113	2,050	52,910	9.2	5,162	4,868	189	5,057
Iowa.....	8,400	980	7,420	370	6,750	26,615	1,517	23,625	8.4	2,236	1,985	127	2,112
Kans.....	2,200	260	1,940	280	1,534	9,196	980	7,670	9.0	828	690	88	778
Ky.....	2,500	600	1,900	300	1,600	6,833	960	5,920	10.0	683	592	96	688
La.....	2,660	490	2,170	270	1,900	12,129	918	11,400	10.2	1,237	1,163	94	1,257
Maine.....	5,945	730	5,215	15	6,200	34,534	69	39,060	9.0	3,108	3,515	6	3,521
Md.....	2,800	425	2,375	70	1,740	11,183	280	8,700	11.5	1,286	1,001	32	1,033
Mass.....	1,565	91	1,474	11	1,650	8,266	51	9,075	9.0	744	817	5	822
Mich.....	5,650	650	5,000	190	4,910	22,787	855	22,586	8.5	1,937	1,920	73	1,993
Minn.....	8,700	1,400	7,300	300	6,400	29,147	1,290	25,600	7.0	2,040	1,792	90	1,882
Miss.....	6,900	1,150	5,750	401	6,000	40,210	1,283	39,000	12.2	4,906	4,758	157	4,915
Mo.....	6,710	1,100	5,610	360	5,200	35,307	1,188	34,320	11.0	3,884	3,775	131	3,906
Mont.....	1,000	175	825	125	725	3,362	500	2,900	6.0	202	174	30	204
Nebr.....	2,650	570	2,080	280	1,650	7,307	1,008	6,105	8.0	585	488	81	569
Nev.....	12	4	8	4	4	32	16	16	6.2	2	1	1	2
N.H.....	711	70	641	5	800	4,458	25	5,040	9.0	401	454	2	456
N.J.....	1,128	200	928	28	800	3,885	140	3,360	11.0	427	370	15	385
N. Mex.....	1,470	150	1,320	50	1,590	5,355	160	6,042	5.5	295	332	9	341
N. Y.....	8,270	1,200	7,070	220	6,750	31,700	1,100	30,375	7.7	2,441	2,339	85	2,424
N. C.....	13,500	1,700	11,800	1,100	11,500	88,045	4,950	87,400	14.1	12,414	12,323	698	13,021
N. Dak.....	1,475	170	1,305	540	735	5,274	2,052	3,087	7.0	369	216	144	360
Ohio.....	10,000	1,500	8,500	270	6,700	40,710	1,215	34,170	9.4	3,827	3,212	114	3,326
Okla.....	2,900	500	2,400	100	1,900	10,027	320	8,550	17.5	1,755	1,496	56	1,552
Oreg.....	2,350	550	1,800	100	1,850	7,083	400	7,215	8.0	567	577	32	609
Pa.....	18,300	1,700	16,600	275	15,675	93,442	1,320	89,348	17.0	15,885	15,189	224	15,413

R.I.....	237	33	204	1	300	1,174	6	1,650	9.0	106	149	1	150
S.C.....	5,590	730	4,860	305	5,200	22,871	1,129	23,400	10.8	2,470	2,527	122	2,649
S. Dak.....	1,550	400	1,150	180	995	4,590	702	3,980	7.0	321	279	49	328
Tenn.....	2,600	600	2,000	400	2,800	11,994	1,400	14,000	12.0	1,439	1,680	168	1,848
Tex.....	11,400	1,400	10,000	500	9,900	41,020	1,750	39,600	11.5	4,717	4,554	201	4,755
Utah.....	1,305	300	1,005	20	960	3,916	78	3,648	6.0	235	219	5	224
Vt.....	302	23	279	9	280	1,418	43	1,456	9.0	128	131	4	135
Va.....	4,000	760	3,240	410	3,022	19,458	1,640	18,132	12.5	2,432	2,267	205	2,472
Wash.....	5,780	972	4,808	64	4,618	19,663	262	18,934	6.4	1,258	1,212	17	1,229
W. Va.....	762	190	572	130	600	3,975	520	3,600	9.4	374	338	49	387
Wis.....	3,820	490	3,330	230	3,020	16,598	1,058	15,100	8.2	1,361	1,238	87	1,325
Wyo.....	48	21	27	15	20	126	60	96	5.9	7	6	4	10
U.S.....	281,036	40,548	240,488	10,912	238,466	1,205,088	43,063	1,185,181	11.1	134,107	131,860	4,652	136,512

<sup>1</sup> Excludes broilers. Annual production, disposition, cash receipts, and gross income for chickens are for a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup> Loss during year.

<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.

Statistical Reporting Service.

Table 527.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1965–81<sup>1</sup>

Year	Number				
	Raised	Lost <sup>2</sup>	Produced <sup>3</sup>	Consumed on production units	Sold
	Thousands	Thousands	Thousands	Thousands	Thousands
1965.....	301,059	61,058	240,001	40,360	201,508
1966.....	335,582	56,701	278,881	33,391	212,170
1967.....	320,679	57,265	263,414	29,148	239,337
1968.....	298,090	54,313	243,777	25,604	225,386
1969.....	309,314	57,140	252,174	22,238	218,928
1970 <sup>4</sup> .....	324,483	60,614	26,869	19,369	233,316
1971.....	316,755	58,507	258,248	17,808	251,957
1972.....	291,352	58,045	233,307	16,110	234,769
1973.....	298,826	47,769	251,057	14,658	231,821
1974.....	288,353	46,235	242,118	14,421	252,365
1975.....	276,035	43,210	232,825	13,451	223,721
1976.....	270,678	42,077	228,601	12,775	217,219
1977.....	288,162	42,775	245,387	12,164	225,066
1978.....	283,066	41,371	241,695	11,420	219,860
1979 <sup>5</sup> .....	293,260	42,545	250,715	11,207	235,856
1980.....	285,607	44,421	241,186	11,145	238,516
1981 <sup>6</sup> .....	281,036	40,548	240,488	10,912	238,466

  

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on production units	Gross income
	Produced	Consumed on production units	Sold					
	1,000 pounds	1,000 pound	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965.....	116,528	151,147	969,288	8.9	100,749	86,329	13,202	99,531
1966.....	1,261,578	123,374	1,031,688	9.7	122,576	99,958	11,400	111,360
1967.....	1,258,481	108,468	1,156,613	7.9	99,393	91,206	8,379	99,585
1968.....	1,108,815	95,957	1,090,428	8.2	91,838	89,580	7,645	97,225
1969.....	1,144,029	83,897	1,062,969	9.7	110,827	103,566	7,556	111,122
1970 <sup>4</sup> .....	1,190,105	73,409	1,120,603	9.1	107,178	102,279	6,356	108,635
1971.....	1,211,567	67,941	1,192,639	7.8	94,751	92,876	5,262	98,138
1972.....	1,117,816	61,724	1,128,813	8.9	100,457	100,634	5,155	105,789
1973.....	1,172,220	56,245	1,121,546	15.1	176,454	169,495	7,878	177,373
1974.....	1,186,148	55,162	1,202,562	9.7	114,896	116,414	5,213	121,627
1975.....	1,066,512	51,393	1,047,000	9.9	104,669	104,093	5,175	109,268
1976.....	1,108,914	49,595	1,046,091	13.0	144,981	135,539	6,279	141,818
1977.....	1,171,656	47,491	1,082,313	12.3	145,429	132,675	5,706	138,381
1978.....	1,136,231	44,606	1,050,474	12.4	141,840	130,048	5,476	135,524
1979 <sup>5</sup> .....	1,216,156	43,802	1,147,638	13.9	170,593	160,088	6,084	166,172
1980.....	1,179,570	43,106	1,166,949	11.0	128,576	128,069	4,592	132,661
1981 <sup>6</sup> .....	1,205,088	43,063	1,185,181	11.1	134,107	131,860	4,652	136,512

<sup>1</sup> Excludes broiler production.<sup>2</sup> Loss during year.<sup>3</sup> The quantity available for utilization during the year, i.e., sales plus home consumption plus or minus the change in inventory.<sup>4</sup> Annual production, disposition, cash receipts, and gross income estimates for chickens were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>5</sup> Included are layers destroyed of possible PCB contamination.<sup>6</sup> Preliminary.

Statistical Reporting Service.



**Table 528.—Chickens and Turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States 1980<sup>1</sup>**

State	National Poultry Improvement Plan				National Turkey Improvement Plan			
	Hatcheries		Supply flocks		Hatcheries		Supply flocks	
	Number	Egg capacity	Flocks	Birds	Number	Egg capacity	Flocks	Birds
		Thou- sands	Number	Thou- sands		Thou- sands	Number	Thou- sands
Ala.....	56	54,206	385	4,571				
Ariz.....								
Ark.....	36	42,102	338	3,247	2	1,205	14	97
Calif.....	7	( <sup>2</sup> )	5	66	8	( <sup>2</sup> )	133	547
Colo.....	2	223	8	5	2	945	11	47
Conn.....	6	1,313	346	370				
Del.....			( <sup>2</sup> )	( <sup>2</sup> )				
Fla.....	32	16,061	148	1,521	3	111	1	( <sup>2</sup> )
Ga.....	53	64,241	746	7,887	1	325	2	36
Idaho.....	3	1,159	13	52				
Ill.....	83	2,992	104	149	2	500	14	49
Ind.....	40	9,657	152	535	2	716		
Iowa.....	28	5,623	125	313	3	780	20	77
Kans.....	13	1,620	53	57	2	561		
Ky.....	7	1,491	11	98				
La.....	49	1,304	89	581				
Maine.....	7	6,050	59	140				
Md.....	11	25,264	405	1,583	1	10	7	1
Mass.....	7	1,682	290	142			7	1
Mich.....	4	1,268	3	56	1	617	4	30
Minn.....	52	9,301	121	401	10	6,866	153	632
Miss.....	94	31,547	371	3,119				
Mo.....	14	4,936	229	177	8	3,460	37	211
Mont.....	3	402	12	6				
Nebr.....	21	1,834	92	34	2	400	2	14
N.H.....	2	1,242	69	225	2	89	3	1
N.J.....	8	2,164	27	11			1	( <sup>2</sup> )
N. Mex.....	2	224	10	15	1	32		
N.Y.....	27	1,652	59	149	1	40	1	1
N.C.....	42	39,045	797	7,355	7	4,119	133	601
N. Dak.....	3	255	2	( <sup>2</sup> )				
Ohio.....	19	4,004	114	135	5	2,096	31	155
Okla.....	20	1,226	615	20	3	465		
Oreg.....	10	3,413	44	52	3	594	6	31
Pa.....	75	15,770	239	975	6	334		
R.I.....			15	( <sup>2</sup> )	1	6	1	( <sup>2</sup> )
S.C.....	5	2,500	154	645	1	832	1	3
S. Dak.....	15	1,561	10	38				
Tenn.....	20	2,608	27	254				
Tex.....	39	12,223	50	249	6	1,539	43	330
Utah.....	1	96	1	10	2	810	2	35
Vt.....			2	40				
Va.....	8	14,060	332	148	3	1,417	40	157
Wash.....	8	2,213	22	167			1	12
W. Va.....	2	1,225	3	( <sup>2</sup> )				
Wis.....	28	2,789	26	168	3	1,062	3	103
Wyo.....								
U.S.....	962	392,546	6,723	35,766	91	29,931	671	3,172

<sup>1</sup> Year beginning July 1, 1980.

<sup>2</sup> Not reported.

<sup>3</sup> Less than 1,000 birds.

Animal and Plant Health Inspection Service.

FOOTNOTES FOR TABLE 531

<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.

<sup>2</sup> Live weight equivalent price.

<sup>3</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

<sup>4</sup> Commercial broilers were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.

<sup>5</sup> Preliminary.

Statistical Reporting Service.

**Table 529.—Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1965–80**

Year beginning July	States reporting	Total birds	New Hampshire	White Leg-horn	White Plymouth Rock	Barred Plymouth Rock	Rhode Island Red	Cross-mated	Incross-mated	Other	Total
	Number	Number	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1965	47	34,148,409	0.4	10.8	5.1	0.3	0.5	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
1969	47	35,844,809	.1	8.6	2.9	.1	.3	82.4	5.0	.6	100.0
1970	45	37,584,000	.3	8.5	3.3	.3	.4	80.9	5.6	.7	100.0
1971	46	32,053,585	.2	8.9	3.9	.4	.4	77.8	6.8	1.6	100.0
1972	47	23,922,101	.2	8.0	4.7	.3	.4	79.1	5.7	1.6	100.0
1973	47	26,647,427	.2	9.3	1.5	.3	.4	81.9	5.5	.9	100.0
1974	47	25,120,867	.3	10.2	.6	.3	.4	80.4	5.5	2.3	100.0
1975	47	26,697,301	.1	8.9	.6	.2	.4	82.8	4.8	2.2	100.0
1976	47	28,839,301	.1	8.9	.6	.2	.4	83.7	4.5	1.6	100.0
1977	47	30,312,932	.1	8.5	1.0	.4	.4	82.5	5.3	1.8	100.0
1978	47	33,505,842	.2	5.2	1.1	.2	.2	86.4	5.0	1.7	100.0
1979	47	36,071,760	.1	4.8	1.2	.1	.2	87.1	5.1	1.4	100.0
1980	47	35,766,693	.1	2.3	1.4	.2	.2	87.2	6.1	1.9	100.0

Animal and Plant Health Inspection Service.

**Table 530.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1965–81**

Year	Production			Com- mercial storage at begin- ning of year	Exports and ship- ments to ter- ritories	Com- mercial storage at end of year	Consumption		
	Com- mercial broilers	Other chickens	Total				Military	Civilian	
								Total	Per capita
Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds	
1965	5,872	746	6,618	138	168	108	94	6,386	33.3
1966	6,437	760	7,198	108	167	163	97	6,878	35.6
1967	6,552	827	7,379	163	156	170	104	7,113	36.4
1968	6,653	769	7,422	170	162	97	100	7,233	36.7
1969	7,175	732	7,907	97	166	110	88	7,641	38.4
1970	7,687	778	8,464	110	182	164	69	8,160	40.4
1971	7,724	792	8,516	164	202	148	75	8,255	40.3
1972	8,147	740	8,887	148	206	111	52	8,667	41.8
1973	8,025	736	8,760	111	203	147	47	8,474	40.4
1974	8,126	789	8,915	147	235	175	34	8,618	40.7
1975	8,127	696	8,823	175	273	114	39	8,571	40.1
1976	9,067	684	9,751	115	451	155	33	9,228	42.7
1977	9,418	700	10,118	155	482	139	26	9,627	44.1
1978	10,129	665	10,793	138	505	102	32	10,293	46.7
1979	11,219	731	11,950	102	597	142	33	11,279	50.6
1980	11,357	752	12,109	143	782	136	38	11,295	50.0
1981 <sup>1</sup>	11,981	757	12,740	136	919	149	36	11,773	51.7

<sup>1</sup> Preliminary.

Economic Research Service.

**Table 531.—Chickens: Broiler production, and gross income, United States, 1965–81<sup>1</sup>**

Year	Production		Price per pound <sup>2</sup>	Gross Income <sup>3</sup>	Year	Production		Price per pound <sup>2</sup>	Gross Income <sup>3</sup>
	Number	Weight				Number	Weight		
		Cents	1,000 dollars			Cents	1,000 dollars		
1965	2,333,633	8,111,426	15.0	1,217,383	1974	2,992,820	11,320,396	21.5	2,436,224
1966	2,570,516	8,988,508	15.3	1,371,006	1975	2,950,099	11,096,015	26.3	2,915,017
1967	2,591,850	9,183,426	13.3	1,222,641	1976	3,273,556	12,481,136	23.6	2,945,058
1968	2,619,855	9,326,341	14.2	1,325,665	1977	3,393,897	12,961,942	23.6	3,059,497
1969	2,788,732	10,047,769	15.2	1,531,404	1978	3,613,647	13,999,702	26.3	3,675,628
1970	2,986,769	10,817,916	13.6	1,474,710	1979	3,951,291	15,521,728	26.0	4,031,945
1971	2,945,348	10,817,657	13.8	1,487,077	1980	3,964,452	15,543,785	.....	4,304,475
1972	3,074,921	11,480,101	14.1	1,622,638	1981 <sup>1</sup>	1,149,200	16,513,904	28.5	4,698,400
1973	3,008,667	11,219,885	24.0	2,690,362					

See footnotes on page 369.

Table 532.—Chickens: Broiler production and gross income, by States, 1980 and 1981<sup>1</sup>

State	1980				1981 <sup>4</sup>			
	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>	Production		Price per pound <sup>2</sup>	Gross income <sup>3</sup>
	Number	Weight			Number	Weight		
	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>pounds</i>	<i>Cents</i>	<i>1,000</i> <i>dollars</i>	<i>Thou-</i> <i>sands</i>	<i>1,000</i> <i>pounds</i>	<i>Cents</i>	<i>1,000</i> <i>dollars</i>
Ala.....	494,709	1,879,894	26.0	488,772	519,288	1,973,294	26.5	522,923
Ark.....	634,877	2,349,045	28.0	657,733	657,110	2,497,907	28.5	711,904
Calif.....	152,400	701,040	31.5	220,828	158,800	746,360	34.5	257,494
Del.....	166,729	700,262	28.5	199,575	169,596	763,182	30.0	228,955
Fla.....	87,143	348,572	27.0	94,114	92,350	369,400	27.0	99,738
Ga.....	573,899	2,180,816	27.0	588,820	614,687	2,397,279	26.5	635,279
Hawaii.....	2,576	8,758	45.0	3,941	3,009	10,231	49.5	5,064
Iowa.....	3,000	15,000	40.0	6,000	3,100	13,950	40.0	5,580
Ky.....	3,195	11,183	27.0	3,019	3,144	11,004	27.0	2,971
La.....	98,957	385,932	28.5	109,991	104,346	406,949	28.5	115,980
Md.....	236,920	995,064	29.0	288,569	253,313	1,089,246	30.0	326,774
Mich.....	1,552	6,053	31.0	1,876	1,130	4,520	32.0	1,446
Minn.....	19,400	87,300	30.5	26,627	21,500	96,750	31.5	30,476
Miss.....	275,978	1,048,716	29.0	304,128	290,118	1,131,460	29.0	328,123
Mo.....	23,561	94,244	28.5	26,860	26,100	104,400	28.5	29,754
Nebr.....	2,000	8,400	45.0	3,780	1,580	6,636	44.0	2,920
N.Y.....	600	2,700	28.0	756	520	2,430	29.5	717
N.C.....	399,592	1,598,368	25.5	407,584	423,160	1,734,956	27.0	468,438
Ohio.....	14,550	55,290	28.5	15,758	12,800	51,200	26.5	13,568
Okla.....	45,014	166,552	27.5	45,802	50,866	193,291	29.0	56,054
Oreg.....	17,100	71,820	32.5	23,342	17,600	79,200	36.0	28,512
Pa.....	111,553	446,212	28.5	127,170	115,058	460,232	30.0	138,070
S.C.....	43,124	163,871	26.5	43,426	43,621	165,760	27.0	44,755
Tenn.....	66,929	247,637	25.0	61,909	64,521	232,276	27.0	62,715
Tex.....	221,081	862,216	29.5	254,354	231,700	926,800	30.0	278,040
Va.....	126,358	530,704	26.0	137,983	133,839	562,124	28.0	157,395
Wash.....	20,641	86,692	31.0	26,875	21,879	94,080	34.5	32,458
W. Va.....	21,786	76,251	31.0	23,638	24,990	87,465	32.0	27,989
Wis.....	11,390	45,560	28.5	12,985	12,450	49,800	29.0	14,442
Other States <sup>5</sup> .....	87,838	369,633	26.6	98,260	59,005	251,722	27.8	69,866
Total.....	3,964,452	15,543,785	27.7	4,304,475	4,149,200	16,513,904	28.5	4,698,400

<sup>1</sup>Commercial broiler production including other meat-type breeds; excludes States producing less than 500,000 birds. Estimates of commercial broilers are for a Dec. 1 through Nov. 30 marketing year. <sup>2</sup>Live-weight equivalent price. <sup>3</sup>Gross income including home consumption. <sup>4</sup>Preliminary. <sup>5</sup>Ind. and Maine combined to avoid disclosing individual operations.

Statistical Reporting Service.

Table 533.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1965-81

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>
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.....	2,759,089	514,301	3,313,390	11.7	358,944
1969.....	3,025,040	529,888	3,554,928	11.7	386,723
1970.....	3,189,169	571,142	3,695,425	11.2	385,643
1971.....	3,167,952	527,473	3,760,311	11.6	405,314
1972.....	3,267,457	491,354	3,758,811	11.1	389,593
1973.....	3,206,986	534,256	3,741,242	12.7	441,968
1974.....	3,104,430	473,403	3,557,833	14.1	473,759
1975.....	3,169,071	453,804	3,622,875	14.6	493,198
1976.....	3,488,326	492,180	3,980,506	15.4	568,957
1977.....	3,636,672	501,913	4,138,585	15.8	612,591
1978.....	3,879,339	491,578	4,370,917	16.3	667,723
1979.....	4,197,758	518,953	4,716,711	16.8	749,572
1980.....	4,280,338	484,622	4,764,960	17.1	777,664
1981.....	4,416,641	454,175	4,870,816	18.1	843,926

Statistical Reporting Service.

**Table 534.—Chicks hatched by commercial hatcheries: Number and average price, by regions, 1980 and 1981**

Region <sup>1</sup>	Broiler-type chicks				Egg-type chicks			
	Hatched		Average price per 100		Hatched		Average price per 100	
	1980	1981	1980	1981	1980	1981	1980	1981
	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Dollars</i>	<i>Dollars</i>
Northeast.....	638,728	620,570	15.10	16.80	74,052	68,537	41.20	43.30
Lake States.....	34,609	38,096	30.20	31.90	45,345	36,117	43.10	43.90
Corn Belt.....	50,920	52,188	37.60	36.30	98,112	103,810	47.60	48.30
Appalachian.....	629,139	643,070	12.90	12.90	20,571	19,655	40.30	42.90
Southeast.....	1,365,834	1,420,083	11.80	12.30	105,312	90,460	47.30	52.70
Delta States.....	1,060,837	1,114,561	15.00	15.60	43,682	38,242	39.00	39.20
Southern Plains.....	289,625	308,967	32.30	35.50	15,862	18,474	48.80	59.50
Pacific.....	204,169	212,667	22.40	27.10	64,645	60,233	45.80	49.50
U.S. <sup>2</sup> .....	4,280,338	4,416,641	15.50	16.50	486,968	454,175	44.80	47.70

<sup>1</sup>Northeast—New England, Delaware, Maryland, New Jersey, New York, Pennsylvania; Lake States—Michigan, Minnesota, Wisconsin; Corn Belt—Illinois, Indiana, Iowa, Missouri, Ohio; Appalachian—Kentucky, North Carolina, Tennessee, Virginia, West Virginia; Southeast—Alabama, Florida, Georgia, South Carolina; Delta States—Arkansas, Mississippi, Louisiana; Southern Plains—Oklahoma, Texas; Pacific—California, Oregon, Washington.

<sup>2</sup>Includes other regions not published separately.

Statistical Reporting Service.

**Table 535.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1965-81**

Year	Ratios <sup>1</sup>			Year	Ratios <sup>1</sup>		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>		<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1965.....	8.1	3.3	5.1	1974.....	7.0	2.6	3.2
1966.....	9.1	3.3	5.1	1975.....	7.0	3.2	4.2
1967.....	7.3	2.9	4.4	1976.....	7.8	2.8	3.7
1968.....	8.5	3.2	4.7	1977.....	7.3	2.7	3.8
1969.....	10.0	3.4	5.0	1978.....	6.9	3.1	4.6
1970.....	<sup>2</sup> 9.3	<sup>2</sup> 2.9	5.0	1979.....	7.0	2.8	4.1
1971.....	7.2	2.8	4.6	1980.....	6.0	2.7	3.5
1972.....	7.2	2.9	4.5	1981.....	6.0	2.5	3.1
1973.....	7.9	3.3	4.8				

<sup>1</sup>Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen eggs, or 1 pound of chicken or turkey live weight. Simple average of monthly ratios.

<sup>2</sup>Beginning 1970, ratio computed on a December through November marketing year rather than a calendar year.

Statistical Reporting Service.

Table 536.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1979-81

Class	Number inspected			Pounds inspected (live weight)		
	1979	1980	1981	1979	1980	1981
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	3,843,323	3,928,968	4,075,884	15,111,418	15,530,601	16,349,889
Mature chickens.....	201,013	203,209	202,010	894,544	890,548	906,502
Total chickens.....	4,044,336	4,132,177	4,277,894	16,005,962	16,421,149	17,256,391
Young turkeys.....	136,209	147,745	156,108	2,643,203	2,823,335	3,060,006
Old turkeys.....	1,111	1,375	1,326	22,542	28,212	28,191
Fryer-roaster turkeys.....	8,791	9,951	8,829	82,514	93,515	83,547
Total turkeys.....	146,112	159,071	166,263	2,784,261	2,945,062	3,171,744
Ducks.....	16,541	16,875	18,423	108,180	105,080	114,961
Other poultry.....				8,542	8,268	8,815
Total poultry.....				18,870,940	19,479,559	20,551,911

  

Class	Pounds certified (ready-to-cook)			Pounds condemned		
	1979	1980	1981	Ante-mortem (live weight)		
				1979	1980	1981
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	10,915,516	11,272,385	11,905,743	68,944	60,536	54,961
Mature chickens.....	555,524	550,546	558,270	11,695	11,052	10,488
Total chickens.....	11,471,040	11,822,931	12,464,013	80,639	71,588	65,449
Young turkeys.....	2,099,480	2,237,684	2,422,180	7,487	7,584	7,651
Old turkeys.....	17,433	21,747	21,662	142	216	189
Fryer-roaster turkeys.....	64,885	72,950	65,265	241	238	218
Total turkeys.....	2,181,799	2,332,381	2,509,107	7,867	8,038	8,058
Ducks.....	74,855	72,814	80,138	83	118	176
Other poultry.....	5,252	4,861	5,204	40	56	25
Total poultry.....	13,732,950	14,232,987	15,058,462	88,629	79,800	73,708

  

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1979	1980	1981
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	272,606	256,558	248,951
Mature chickens.....	32,600	31,059	29,664
Total chickens.....	305,206	287,617	278,615
Young turkeys.....	52,810	57,542	54,259
Old turkeys.....	879	1,177	1,371
Fryer-roaster turkeys.....	1,318	1,532	1,178
Total turkeys.....	55,007	60,251	56,808
Ducks.....	1,959	1,780	1,831
Other poultry.....	114	114	87
Total poultry.....	362,286	349,762	337,341

Statistical Reporting Service.

**Table 537.—Poultry: Inspected for further processing and cut up under Federal inspection, United States, 1965–81**

Year	Young chickens		Mature chickens		Turkeys			Other poultry <sup>2</sup>		Total poultry	
	Further processed	Cut up	Further processed	Cut up	Further processed		Cut up	Further processed	Cut up	Further processed	Cut up
					Whole <sup>1</sup>	Other					
	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
1965.....	138,645	1,000,957	310,068	11,289		252,935	97,248	43,068	739	744,716	1,110,233
1966.....	178,321	1,108,830	302,236	7,506		334,732	121,337	59,434	890	874,723	1,238,563
1967.....	219,596	1,289,210	346,856	7,450		318,146	114,540	78,681	1,161	963,279	1,412,361
1968.....	254,016	1,390,418	377,878	6,492		382,754	135,077	72,208	1,717	1,086,856	1,533,704
1969.....	272,282	1,628,309	376,909	9,708		493,755	159,563	82,958	4,102	1,225,904	1,801,682
1970.....	337,292	1,842,594	392,404	8,608		479,427	190,713	83,274	2,230	1,292,397	2,044,145
1971.....	382,804	2,056,747	427,977	5,445		562,493	198,299	85,213	3,502	1,458,487	2,263,993
1972.....	436,999	2,316,644	465,675	5,735		639,112	299,777	96,637	2,575	1,638,423	2,624,731
1973.....	485,339	2,443,143	481,253	5,413		790,841	262,702	115,121	1,446	1,872,554	2,712,704
1974.....	495,659	2,465,624	423,278	6,885	386,953	509,397	295,444	89,722	706	1,905,009	2,768,659
1975.....	540,640	2,582,072	356,247	9,926	371,623	536,224	312,764	87,500	483	1,892,234	2,905,245
1976.....	643,443	3,113,600	435,859	8,202	446,215	607,724	387,067	117,270	684	2,250,511	3,509,553
1977.....	715,839	3,521,522	417,921	10,495	459,294	665,452	426,125	129,547	2,115	2,388,053	3,960,557
1978.....	830,229	3,717,089	453,299	10,898	500,892	710,438	466,067	127,358	2,339	2,622,216	4,196,393
1979.....	989,120	3,988,043	472,933	4,260	537,739	799,653	525,905	138,212	1,174	2,937,657	4,519,382
1980.....	1,219,925	4,882,312	518,036	5,123	671,124	952,774	655,797	204,658	2,281	3,566,517	5,545,513
1981.....	1,352,259	5,237,755	503,546	15,183	705,498	984,606	701,267	275,850	2,239	3,821,759	5,956,444

<sup>1</sup>Whole carcass turkeys which have been injected, basted, marinated, smoked, or barbecued, and packaged as such. Beginning 1974, "Whole" and "Other" estimated separately.

<sup>2</sup>Poultry parts and fat used in further processing that cannot be identified by class are included in "Other poultry."

Statistical Reporting Service.

**Table 538.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1980–81**

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry <sup>1</sup>	
	1980	1981	1980	1981	1980	1981	1980	1981
	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.....	47	28	22,145	24,335	246,803	208,290	385,100	360,613
February.....	24	18	23,794	24,225	224,987	207,910	366,385	356,058
March.....	22	31	23,370	22,349	208,900	220,651	360,992	374,851
April.....	30	31	25,906	21,948	206,647	228,745	372,384	396,772
May.....	47	25	26,632	22,694	233,847	256,154	401,952	423,316
June.....	51	41	28,596	24,218	286,566	327,281	460,554	509,110
July.....	39	39	29,441	26,880	325,842	400,819	494,969	596,321
August.....	28	20	30,656	27,221	383,952	466,023	548,299	656,727
September.....	39	19	29,670	25,478	398,783	532,121	556,240	715,687
October.....	15	21	29,155	25,639	420,239	528,125	579,008	703,428
November.....	19	38	25,332	23,723	257,569	305,087	402,618	468,596
December.....	31	35	24,283	21,641	197,983	238,433	339,012	391,975

<sup>1</sup>Includes stocks of turkeys and other poultry.

Statistical Reporting Service.

**Table 539.—Chickens and turkeys: Number classified as "U.S. Pullorum-Typhoid Clean," and number and percentage of reactors, United States, 1965-80**

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors		States reporting	Turkeys in tested flocks (first test)	Reactors	
			Number	Percent			Number	Percent
1965.....	47	34,261	410	0.0012	47	4,121,626	0	0.0000
1966.....	47	38,327	381	.0010	47	4,397,268	2	.00005
1967.....	47	33,591	741	.0020	47	3,482,049	19	.00005
1968.....	47	33,613	100	.0005	47	3,127,850	0	.0000
1969.....	47	35,890	162	.0009	47	3,145,147	6	.0003
1970.....	45	38,049	107	.0007	45	3,382,259	0	.0000
1971.....	46	32,233	55	.0005	46	3,086,063	0	.0000
1972.....	47	28,925	87	.0009	47	3,191,301	0	.0000
1973.....	47	26,744	88	.0012	47	3,256,168	0	.0000
1974.....	47	25,133	165	.0029	47	2,888,688	0	.0000
1975.....	47	26,699	38	.0008	47	2,891,148	0	.0000
1976.....	47	28,846	90	.0019	47	2,693,782	0	.0000
1977.....	47	30,313	12	.0002	47	2,496,872	0	.0000
1978.....	47	33,506	1	.0000	47	2,984,142	0	.0000
1979.....	47	36,112	41	.0011	47	3,256,844	0	.0000
1980.....	47	35,767	97	.0032	47	3,172,056	0	.0000

Animal and Plant Health Inspection Service.

**Table 540.—Turkey breeder hens: Number, value per head, and total value, by States, Dec. 1, 1979-81**

State	Number			Value per head			Total value		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
	1,000 head	1,000 head	1,000 head	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Calif.....	553	508	496	12.40	12.50	15.00	6,857	6,350	7,440
Ga.....	61	56	56	13.00	13.00	16.00	793	728	896
Iowa.....	76	88	109	13.00	13.20	17.30	988	1,162	1,886
Mich.....	44	52	50	13.00	18.00	12.00	572	936	600
Minn.....	633	625	567	12.80	12.80	17.80	8,102	8,000	10,093
Mo.....	300	215	175	16.60	20.00	17.00	4,980	4,300	2,975
N.C.....	620	660	690	10.90	11.70	12.40	6,758	7,722	8,556
Ohio.....	130	165	155	15.60	18.70	14.00	2,028	3,086	2,170
Oreg.....	74	59	36	15.30	17.50	16.20	1,132	1,033	583
Pa.....	61	74	37	15.50	18.50	19.90	946	1,369	736
Tex.....	533	510	450	15.50	14.00	17.00	8,262	7,140	7,650
Va.....	168	208	166	13.20	13.40	14.00	2,218	2,787	2,324
W. Va.....	14	14	( <sup>1</sup> )	13.30	13.40	( <sup>1</sup> )	186	188	( <sup>1</sup> )
Other States <sup>1</sup> .....	438	515	428	14.80	15.70	15.00	6,466	8,086	6,420
Total <sup>2</sup> .....	3,705	3,749	3,415	13.57	14.11	15.32	50,288	52,887	52,329

<sup>1</sup> Arkansas, Colorado, Illinois, Kansas, New York, Oklahoma, South Carolina, South Dakota, Utah, Wisconsin and 1981 for West Virginia combined to avoid disclosing individual operations.<sup>2</sup> Major producing States.

Statistical Reporting Service.

**Table 541.—Turkey breeder hens: Number, value per head, and total value, Dec. 1, 1969-81<sup>1</sup>**

Year	Number	Value per head	Total value	Year	Number	Value per head	Total value	Year	Number	Value per head	Total value
	<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 head</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1969.....	3,331	5.97	19,882	1974.....	2,970	9.81	29,126	1979.....	3,705	13.57	50,288
1970.....	3,173	5.82	18,459	1975.....	3,014	10.81	32,580	1980.....	3,749	14.11	52,887
1971.....	2,999	6.18	18,524	1976.....	3,069	11.13	34,168	1981 <sup>2</sup> .....	3,415	15.32	52,329
1972.....	3,135	6.46	20,242	1977.....	3,038	11.39	34,617				
1973.....	3,148	9.47	32,378	1978.....	3,370	12.53	42,222				

<sup>1</sup>Major producing States    <sup>2</sup>Preliminary.  
Statistical Reporting Service.

**Table 542.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1965-81**

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>	
1965.....	1,515	207	58	200	40	1,424	7.4
1966.....	1,674	200	47	267	56	1,504	7.8
1967.....	1,870	267	49	367	53	1,668	8.5
1968.....	1,611	367	41	317	63	1,557	7.9
1969.....	1,606	317	40	192	48	1,643	8.2
1970.....	1,729	192	43	219	49	1,610	8.0
1971.....	1,772	219	27	223	41	1,700	8.3
1972.....	1,909	223	42	208	42	1,840	8.9
1973.....	1,933	208	54	281	31	1,775	8.5
1974.....	1,921	281	43	275	14	1,870	8.8
1975.....	1,803	275	53	195	19	1,811	8.5
1976.....	2,059	195	71	203	18	1,961	9.1
1977.....	2,023	203	56	168	11	1,92	9.1
1978.....	2,098	168	57	175	15	2,019	9.2
1979.....	2,344	175	57	240	19	2,203	9.9
1980.....	2,425	240	81	198	16	2,370	10.5
1981 <sup>1</sup> .....	2,574	198	68	238	15	2,450	10.7

<sup>1</sup>Preliminary.  
Economic Research Service.

**Table 543.—Turkeys: Production, disposition, and gross income, United States, 1965-81**

Year	Number				Pounds (live weight)		Price per pound live weight	Value of turkeys produced	Gross income
	Raised <sup>1</sup>	Lost <sup>2</sup>	Produced <sup>3</sup>	Sold	Produced	Sold			
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
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	115,379	2,123,484	2,106,970	23.1	489,596	485,750
1967.....	126,577	263	126,314	126,846	2,343,399	2,353,937	19.5	457,710	459,581
1968.....	106,709	197	106,512	107,254	2,014,589	2,027,934	20.5	413,921	416,738
1969.....	106,736	207	106,529	106,351	2,029,315	2,026,709	22.4	454,633	454,115
1970.....	116,183	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	2,197,916	( <sup>4</sup> )	22.6	( <sup>4</sup> )	497,815
1971.....	119,657				2,255,618		22.1		499,576
1972.....	128,664				2,423,618		22.2		536,945
1973.....	132,231				2,451,848		38.2		935,882
1974.....	131,909				2,437,121		28.0		683,164
1975.....	124,165				2,276,504		34.8		793,271
1976.....	140,021				2,606,265		31.7		825,095
1977.....	136,390				2,562,825		35.5		910,396
1978.....	138,939				2,654,788		43.6		1,157,200
1979.....	156,457				2,957,612		41.1		1,214,357
1980.....	164,743				3,068,508		41.3		1,268,301
1981 <sup>5</sup> .....	170,683				3,260,462		38.2		1,246,313

See footnotes on page 377.



Table 544.—Turkeys: Production and gross income, by States, 1981

State	Number raised <sup>1</sup>	Pounds produced <sup>2</sup>	Price per pound <sup>3</sup>	Gross income <sup>4</sup>
	<i>1,000 head</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
Ark.....	1,5070	274,274	37.0	101,481
Calif.....	21,768	444,067	41.0	182,067
Colo.....	4,300	111,370	36.0	40,093
Conn.....	28	596	70.0	417
Del.....	178	3,809	34.0	1,295
Ga.....	2,734	65,343	39.0	25,484
Ill.....	407	8,466	38.0	3,217
Ind.....	6,611	119,659	40.0	47,864
Iowa.....	7,090	158,816	36.0	57,174
Kans.....	221	4,420	33.0	1,459
Md.....	88	1,734	34.0	590
Mass.....	145	3,045	77.0	2,345
Mich.....	1,550	40,300	41.0	16,523
Minn.....	25,700	424,050	36.0	152,658
Mo.....	12,000	226,800	37.0	83,916
Nebr.....	680	13,532	38.0	5,142
N.H.....	28	560	83.0	465
N.J.....	70	1,442	72.0	1,038
N.Y.....	268	5,869	37.0	2,172
N.C.....	26,800	469,000	38.0	178,220
N. Dak.....	1,050	19,635	36.0	7,069
Ohio.....	2,500	54,750	38.0	20,805
Okla.....	1,605	30,495	37.0	11,283
Oreg.....	1,310	24,235	37.0	8,967
Pa.....	5,680	107,920	45.0	48,564
S.C.....	2,898	69,262	38.0	26,320
S. Dak.....	1,500	37,350	37.0	13,820
Tex.....	7,300	148,190	38.0	56,312
Utah.....	2,901	65,273	41.0	26,762
Va.....	10,015	175,263	38.0	66,600
W. Va.....	2,149	34,384	38.0	13,066
Wis.....	6,039	116,553	37.0	43,125
U.S.....	170,683	3,260,462	38.2	1,246,313

<sup>1</sup>Based on turkeys hatched from Sept. 1, 1980 through Aug. 31 1981. Excludes young turkeys lost.

<sup>2</sup>Includes home consumption.

<sup>3</sup>Live-weight equivalent price.

<sup>4</sup>Includes home consumption which is less than 1 percent of total production.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 543

<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>Not available after 1969.

<sup>5</sup>Preliminary.

Statistical Reporting Service.

**Table 545.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1965–81**

Year	Heavy white breeds <sup>1</sup>	All other heavy breeds <sup>1</sup>	Total all heavy breeds <sup>2</sup>	Light breeds <sup>3</sup>	Total all breeds
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
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
1970.....			116,021	13,722	129,743
1971.....			115,379	13,224	128,603
1972.....			125,512	16,067	141,579
1973.....			128,906	16,679	145,585
1974.....			125,559	14,420	140,019
1975.....			121,158	15,918	137,076
1976.....			130,980	18,494	149,474
1977.....			136,029	12,354	148,383
1978.....			148,838	8,689	157,527
1979.....			166,014	13,955	179,969
1980.....			171,842	16,824	188,666
1981.....			176,939	10,395	187,334

<sup>1</sup> Estimates discontinued as of January 1967.<sup>2</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>3</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.

Statistical Reporting Service.

**Table 546.—Turkeys: Poults hatched by commercial hatcheries, by breeds, by States, 1980 and 1981**

State	Heavy breeds <sup>1</sup>		Light breeds <sup>2</sup>		Total all breeds	
	1980	1981	1980	1981	1980	1981
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Calif.....	23,779	( <sup>3</sup> )		( <sup>3</sup> )	23,779	24,127
Minn.....	28,520	( <sup>3</sup> )	7,761	( <sup>3</sup> )	36,281	34,291
Mo.....	17,177	( <sup>3</sup> )		( <sup>3</sup> )	17,177	17,341
N.C.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	26,144	26,633
Pa.....	2,126	( <sup>3</sup> )	194	( <sup>3</sup> )	2,320	2,947
Tex.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	8,606	7,822
Other States <sup>4</sup> .....	69,683	( <sup>3</sup> )	4,676	( <sup>3</sup> )	74,359	74,173
U.S.....	171,842	176,939	16,824	10,395	188,666	187,334

<sup>1</sup> Birds for which the normal mature marketing live weight is 12 pounds or over.<sup>2</sup> Birds for which the normal mature marketing live weight is less than 12 pounds.<sup>3</sup> Heavy and light breeds not published to avoid disclosing individual operations.<sup>4</sup> Arkansas, Colorado, Florida, Georgia, Illinois, Indiana, Iowa, Kansas, Maryland, Massachusetts, Michigan, Nebraska, New Hampshire, New Jersey, New York, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, Utah, Virginia, and Wisconsin. Combined to avoid disclosing individual operations for 1980.

Statistical Reporting Service.

Table 547.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1980 and 1981<sup>1</sup>

State	1980			1981		
	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs produced
	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>	<i>Thousands</i>	<i>Number</i>	<i>Millions</i>
Ala.....	13,738	244	3,354	12,869	241	3,095
Alaska.....	24	188	4.5	26	258	6.7
Ariz.....	449	256	115	400	245	98
Ark.....	17,186	242	4,153	16,712	239	3,996
Calif.....	36,684	240	8,796	35,054	240	8,400
Colo.....	1,897	245	464	2,310	239	552
Conn.....	4,074	246	1,004	4,126	240	990
Del.....	632	218	138	794	220	175
Fla.....	12,813	238	3,044	11,550	243	2,802
Ga.....	23,170	243	5,637	22,755	245	5,578
Hawaii.....	1,035	213	220.5	980	226	221.3
Idaho.....	855	236	202	983	232	228
Ill.....	5,277	240	1,266	5,178	244	1,262
Ind.....	14,302	248	3,697	16,404	250	4,093
Iowa.....	7,624	234	1,784	7,992	240	1,920
Kans.....	1,317	235	427	1,683	247	416
Ky.....	2,323	231	536	2,163	235	509
La.....	2,542	218	553	2,339	218	510
Maine.....	6,922	259	1,793	6,372	252	1,607
Md.....	1,726	221	381	2,531	216	547
Mass.....	1,345	242	326	1,304	246	321
Mich.....	6,189	236	1,459	6,367	242	1,541
Minn.....	9,196	242	2,223	9,862	239	2,355
Miss.....	6,620	239	1,584	7,139	241	1,717
Mo.....	5,945	246	1,460	5,863	244	1,431
Mont.....	727	234	170	778	224	174
Nebr.....	3,588	236	847	3,460	232	802
Nev.....	10	180	1.8	10	180	1.8
N.H.....	726	251	182	620	253	157
N.J.....	1,252	223	279	1,312	222	291
N. Mex.....	1,588	238	378	1,415	245	347
N.Y.....	7,112	250	1,776	7,402	251	1,858
N.C.....	13,208	240	3,174	12,942	238	3,078
N. Dak.....	367	223	82	356	225	80
Ohio.....	9,546	244	2,333	9,942	245	2,431
Okla.....	3,462	242	839	3,542	237	839
Oreg.....	2,677	238	638	2,756	241	665
Pa.....	16,339	260	4,251	16,457	259	4,268
R.I.....	332	253	84	354	249	88
S.C.....	6,785	247	1,679	6,522	247	1,613
S. Dak.....	2,052	226	464	2,042	226	461
Tenn.....	3,961	243	962	3,747	246	922
Tex.....	13,075	236	3,092	13,448	240	3,224
Utah.....	1,762	236	416	1,903	241	459
Vt.....	398	251	100	329	246	81
Va.....	3,920	233	913	3,980	238	947
Wash.....	5,250	247	1,295	5,298	251	1,332
W. Va.....	644	231	149	670	231	155
Wis.....	3,954	239	946	3,927	242	951
Wyo.....	55	191	10.5	47	172	8.1
U.S. <sup>3</sup> .....	287,723	242	69,684	286,884	243	69,603

<sup>1</sup> Annual estimates cover the period Dec. 1 through Nov. 30.<sup>2</sup> Total egg production divided by average number of layers on hand.<sup>3</sup> Sum of States may not add to U.S. total due to rounding.

Statistical Reporting Service.

Table 548.—Eggs: Production in specified countries, 1979-81

Continent and country	1979	1980	1981 <sup>1</sup>	Continent and country	1979	1980	1981 <sup>1</sup>
	<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>		<i>Mil- lions</i>	<i>Mil- lions</i>	<i>Mil- lions</i>
North America:				Bulgaria.....	2,302	2,325	2,350
Canada.....	5,552	5,857	5,975	Czechoslovakia.....	4,732	4,907	4,900
Mexico.....	10,390	11,740	12,150	Germany, Dem. Rep.....	5,219	5,460	5,662
United States.....	69,324	69,672	69,636	Hungary.....	4,450	4,500	4,500
Total.....	85,266	87,269	87,761	Poland.....	8,670	8,842	8,800
				Romania.....	7,085	6,727	6,500
South America:				Yugoslavia.....	4,265	4,394	4,550
Argentina.....	3,350	3,400	3,250	Total Eastern Europe.....	36,723	37,155	37,262
Brazil.....	7,200	9,600	10,200	Total Europe.....	124,264	125,484	126,668
Peru.....	800	880	940	Africa:			
Venezuela.....	2,364	2,506	2,656	Egypt.....	2,000	1,938	2,013
Total.....	13,714	16,386	17,046	South Africa.....	3,083	3,094	3,270
				Total.....	5,083	5,032	5,283
Europe:				Soviet Union.....	65,585	67,828	70,900
Belgium and Luxembourg.....	3,453	3,313	3,200	Asia and Oceania			
Denmark.....	1,316	1,311	1,351	Hong Kong.....	66	65	64
France.....	13,840	14,460	15,250	Japan.....	33,150	33,319	33,150
Germany, Fed. Rep. of.....	13,336	13,682	13,310	Turkey.....	4,323	4,500	4,800
Greece.....	2,372	2,400	2,420	Australia <sup>2</sup> .....	3,395	3,441	3,600
Ireland.....	618	505	510	Israel.....	1,753	1,570	1,550
Italy.....	11,037	10,680	11,300	Lebanon.....	470	640	785
Netherlands.....	8,187	9,008	9,400	Total.....	43,157	43,535	43,949
United Kingdom.....	14,962	13,988	13,500	Grand total.....	337,069	345,534	351,607
Total.....	69,121	69,347	70,241				
Austria.....	1,713	1,664	1,730				
Finland.....	1,325	1,339	1,370				
Norway.....	743	740	758				
Portugal.....	1,105	1,115	1,117				
Spain.....	10,999	11,594	11,670				
Sweden.....	1,785	1,780	1,800				
Switzerland.....	750	750	720				
Total other Western Europe.....	18,420	18,982	19,165				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending June 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 Counselors, Attachés, and Foreign Service Officers, results of office research, and related information.

Table 549.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1965-81

Year	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units	Gross income <sup>2</sup>
			Total produced	Consumed on production units	Sold				
	<i>Thou- sands</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>
1965.....	301,053	218	65,560	2,056	63,504	33.7	1,784,898	55,752	1,840,650
1966.....	303,832	218	66,205	1,612	64,593	39.1	2,105,841	50,686	2,156,527
1967.....	313,717	221	69,327	1,558	67,769	31.3	1,764,933	38,878	1,803,811
1968.....	309,824	220	68,156	1,393	66,763	34.0	1,892,800	38,016	1,930,816
1969.....	306,886	220	67,546	1,172	66,374	40.0	2,212,189	38,178	2,250,367
1970 <sup>3</sup> .....	312,759	218	68,212	953	67,259	39.1	2,190,339	30,348	2,220,687
1971.....	312,886	223	69,649	789	68,860	31.4	1,800,746	20,038	1,820,784
1972.....	304,504	227	69,219	692	68,527	30.9	1,763,899	16,982	1,780,881
1973.....	290,588	227	66,039	627	65,412	52.5	2,859,253	26,517	2,885,770
1974.....	284,732	230	65,620	580	65,040	53.2	2,884,478	25,044	2,909,522
1975.....	278,101	232	64,626	536	64,090	52.4	2,796,785	22,490	2,819,275
1976.....	274,134	235	64,511	502	64,009	58.3	3,109,916	23,556	3,133,472
1977.....	274,871	235	64,600	475	64,125	55.6	2,973,332	21,342	2,994,674
1978.....	281,478	239	67,140	457	66,683	52.2	2,900,451	19,262	2,919,713
1979 <sup>4</sup> .....	288,623	240	69,209	448	68,761	58.3	3,338,778	21,096	3,359,874
1980.....	287,723	242	69,684	451	69,233	56.3	3,247,069	20,657	3,267,726
1981 <sup>5</sup> .....	286,884	243	69,603	444	69,159	63.1	3,639,880	22,853	3,662,733

See footnotes on page 382.

Table 550.—Eggs: Production, disposition, cash receipts and gross income, by States, 1981 (preliminary) <sup>1</sup>

State	Eggs produced	Consumed on production units	Eggs sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on production units <sup>2</sup>	Gross income <sup>3</sup>
	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	3,095	14	3,081	73.1	187,684	853	188,537
Alaska.....	6.7	( <sup>4</sup> )	6.7	120.0	670	( <sup>4</sup> )	670
Ariz.....	98	1	97	55.7	4,502	46	4,548
Ark.....	3,996	12	3,984	64.0	212,480	640	213,120
Calif.....	8,400	10	8,390	56.9	397,826	474	398,300
Colo.....	552	6	546	61.0	27,755	305	28,060
Conn.....	990	1	989	90.4	74,505	75	74,580
Del.....	175	5	174.5	82.5	11,997	34	12,031
Fla.....	2,802	4	2,798	52.6	122,646	175	122,821
Ga.....	5,578	6	5,572	74.3	345,000	372	345,372
Hawaii.....	221.3	( <sup>4</sup> )	221.3	82.2	15,159	( <sup>4</sup> )	15,159
Idaho.....	228	5	223	57.0	10,593	238	10,831
Ill.....	1,262	10	1,252	60.0	62,600	500	63,100
Ind.....	4,093	12	4,081	58.0	197,248	580	197,828
Iowa.....	1,920	19	1,901	53.3	84,436	844	85,280
Kans.....	416	13	403	52.6	17,665	570	18,235
Ky.....	509	17	492	58.8	24,108	833	24,941
La.....	510	9	501	73.1	30,519	548	31,067
Maine.....	1,607	2	1,605	81.1	108,471	135	108,606
Md.....	547	4	543	82.5	37,331	275	37,606
Mass.....	321	1	320	86.0	22,933	72	23,005
Mich.....	1,541	15	1,526	54.0	68,670	675	69,345
Minn.....	2,355	15	2,340	52.0	101,400	650	102,050
Miss.....	1,717	6	1,711	72.9	103,943	365	104,308
Mo.....	1,431	17	1,414	54.0	63,630	765	64,395
Mont.....	174	4	170	62.0	8,783	207	8,990
Nebr.....	802	12	790	47.1	31,008	471	31,479
Nev.....	1.8	8	1	55.6	46	37	83
N.H.....	157	1	156	84.1	10,933	70	11,003
N.J.....	291	2	289	66.0	15,895	110	16,005
N. Mex.....	347	2	345	68.0	19,550	113	19,663
N.Y.....	1,858	12	1,846	56.7	87,224	567	87,791
N.C.....	3,078	18	3,060	67.9	173,145	1,019	174,164
N. Dak.....	80	6	74	39.0	2,405	195	2,600
Ohio.....	2,431	16	2,415	58.0	116,725	773	117,498
Okla.....	839	14	825	72.5	49,844	846	50,690
Oreg.....	665	22	643	58.8	31,507	1,078	32,585
Pa.....	4,268	21	4,247	60.0	212,350	1,050	213,400
R.I.....	88	( <sup>4</sup> )	88	84.5	6,197	( <sup>4</sup> )	6,197
S.C.....	1,613	7	1,606	62.2	83,344	363	83,607
S. Dak.....	461	9	452	38.5	14,502	289	14,791
Tenn.....	922	14	908	67.0	50,697	782	51,479
Tex.....	3,224	38	3,186	71.6	190,098	2,267	192,365
Utah.....	459	2	457	54.0	20,565	90	20,655
Vt.....	81	3	78	95.2	6,188	238	6,426
Va.....	947	13	934	80.1	62,345	868	63,213
Wash.....	1,332	9	1,323	58.2	64,166	437	64,603
W. Va.....	155	7	148	74.5	9,188	435	9,623
Wis.....	951	9	942	50.0	39,250	375	39,625
Wyo.....	8.1	3	5.1	59.7	254	149	403
U.S.....	69,603	444	69,159	63.1	3,639,880	22,853	3,662,733

<sup>1</sup>Data cover both farm and commercial operations. Annual production, disposition, cash receipts, and gross income estimates for eggs are computed on a Dec. 1 through Nov. 30 marketing year.

<sup>2</sup>Valued at same price as eggs sold.

<sup>3</sup>Cash receipts plus value of home consumption may not add to gross income due to rounding.

<sup>4</sup>Less than one-half million eggs.

Statistical Reporting Service.

**Table 551.—Eggs: Supply, distribution, and per capita consumption, United States, 1965-81<sup>1</sup>**

Year	Total egg production	Storage at beginning of the year <sup>1</sup>	Imports <sup>2</sup>	Exports and shipments to territories <sup>2</sup>	Eggs used for hatching	Consumption			
						Storage at end of the year <sup>2</sup>	Military <sup>2</sup>	Civilian	
								Total	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1965.....	5,463	46	1	39	336	41	93	5,001	313
1966.....	5,517	41	14	43	365	28	102	5,034	312
1967.....	5,777	28	4	55	358	71	110	5,215	321
1968.....	5,680	71	5	46	361	56	108	5,185	316
1969.....	5,629	56	9	41	389	34	83	5,147	310
1970.....	5,704	34	27	45	402	39	78	5,201	309
1971.....	5,806	39	10	45	389	58	60	5,303	311
1972.....	5,742	58	1	56	391	53	64	5,237	303
1973.....	5,502	53	13	49	392	34	42	5,051	289
1974.....	5,461	34	13	57	366	42	38	5,005	284
1975.....	5,382	42	5	62	372	28	43	4,924	276
1976.....	5,377	28	3	65	419	21	45	4,858	270
1977.....	5,408	21	14	91	427	24	36	4,865	268
1978.....	5,608	24	11	120	466	20	28	5,009	273
1979.....	5,777	20	9	104	498	19	25	5,161	278
1980.....	5,806	19	5	167	499	19	24	5,121	272
1981 <sup>3</sup> .....	5,803	19	3	257	507	18	25	5,018	264

<sup>1</sup> Calendar years.<sup>2</sup> Shell eggs and the approximate shell-egg equivalent of egg product.<sup>3</sup> Preliminary.

Economic Research Service.

**Table 552.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1970-81**

Year	Large	Year	Large	Year	Large
	Cents		Cents		Cents
1970.....	47.49	1974.....	64.49	1978.....	61.68
1971.....	39.95	1975.....	63.93	1979.....	68.15
1972.....	41.61	1976.....	70.33	1980.....	66.86
1973.....	65.63	1977.....	63.27	1981.....	73.21

Agricultural Marketing Service.

## FOOTNOTES FOR TABLE 549

<sup>1</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>2</sup> Value of sales plus value of eggs consumed in households of producers.<sup>3</sup> Annual production, disposition, cash receipts, and gross income estimates for eggs were changed to a Dec. 1 through Nov. 30 marketing year, beginning 1970.<sup>4</sup> Included are layers and eggs destroyed because of possible PCB contamination.<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 553.—Eggs: Products under Federal inspection, United States, fiscal years 1980<sup>1</sup> and 1981

Item	Quantity		Item	Quantity	
	1980	1981		1980	1981
	<i>1,000 dozen</i>	<i>1,000 dozen</i>		<i>1,000 dozen</i>	<i>1,000 dozen</i>
Shell eggs broken.....	725,460	740,473	Frozen product produced: <sup>4</sup>		
Edible liquid from shell eggs broken:			Whole plain.....	149,643	140,388
Whole.....	445,817	443,557	Whole blends.....	58,983	62,491
White.....	266,851	293,626	White.....	43,804	50,910
Yolk.....	170,330	184,035	Yolk plain.....	9,960	12,915
Total.....	882,998	921,218	Yolk blends.....	68,720	75,520
Inedible liquid from shell eggs broken.....	56,844	59,007	Total.....	331,110	342,224
Liquid egg used in processing: <sup>3</sup>			Dried product produced: <sup>4</sup>		
Whole.....	507,107	507,416	Whole plain.....	10,846	12,928
White.....	375,272	415,604	Whole blends.....	26,559	21,359
Yolk.....	186,807	202,220	White.....	22,423	25,665
Total.....	1,069,186	1,125,240	Yolk plain.....	14,962	16,104
Ingredients added in processing: <sup>3</sup> .....	35,153	36,177	Yolk blends.....	6,340	6,127
Liquid product produced for immediate consumption and processing: <sup>4</sup>			Total.....	81,130	82,183
Whole plain.....	147,053	153,579			
Whole blends.....	66,587	68,486			
White.....	146,611	161,062			
Yolk plain.....	20,370	24,219			
Yolk blends.....	41,492	43,090			
Total.....	422,113	450,436			

<sup>1</sup> Data for 1980 has 1 more day than data for 1981.

<sup>2</sup> Includes all frozen eggs used for processing.

<sup>3</sup> Includes all non-egg ingredients added.

<sup>4</sup> Includes ingredients added.

Statistical Reporting Service.

## 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:

- Economic trends, table 554.
- Farm property, table 555.
- Population and employment, table 572.
- Farm production and distribution, table 580.
- Price and income, table 596.
- Costs and expenses, table 612.

**Table 554.—Economic trends: Data relating to agriculture, United States, 1965-81**

Year	Prices paid by farmers		Prices received by farmers	Farm income			
	Total including interest, taxes, and wage rates	Production items		Gross farm income <sup>1</sup>	Production expenses	Net income	
	<i>Index numbers 1977=100</i>	<i>Index numbers 1977=100</i>	<i>Index numbers 1977=100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1965.....	47	48	54	46.5	33.7	12.9	13.7
1966.....	49	50	58	50.5	36.5	14.0	14.4
1967.....	49	50	55	50.5	38.2	12.3	12.3
1968.....	51	50	56	51.8	39.5	12.3	11.8
1969.....	53	52	59	56.4	42.1	14.3	13.0
1970.....	55	54	60	58.7	44.4	14.2	12.2
1971.....	58	57	62	62.0	47.2	14.8	12.2
1972.....	62	61	69	71.0	52.1	18.9	15.1
1973.....	71	73	98	98.8	65.4	33.4	25.1
1974.....	81	83	105	98.0	72.0	26.0	17.6
1975.....	89	91	101	101.0	75.8	25.2	15.7
1976.....	95	97	102	102.0	83.3	18.7	10.9
1977.....	100	100	100	108.6	90.2	18.4	10.2
1978.....	108	108	115	127.2	100.6	26.7	13.6
1979.....	123	125	132	151.3	119.0	32.3	14.9
1980.....	138	138	134	150.6	130.5	20.1	8.2
1981.....	150	148	138	166.8	141.6	25.1	9.2

See footnotes at end of table.



**Table 554.—Economic trends: Data relating to agriculture, United States 1965–81—  
Continued**

Year	Farm real estate value <sup>2</sup>	Farm real estate debt	Volume of agricultural exports	Volume of agricultural imports	National income <sup>3</sup>	Disposable personal income <sup>2</sup>	Industrial production <sup>4</sup>	Consumer prices all items <sup>5</sup>	Producer prices consumer foods <sup>6</sup>
	<i>Index numbers 1977=100</i>	<i>Million dollars</i>	<i>Index numbers 1967=100</i>	<i>Index numbers 1967=100</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Index numbers 1967=100</i>	<i>Index numbers 1967=100</i>	<i>Index numbers 1967=100</i>
1965.....	31	18,894	98	90	572.4	475.8	89.8	94.5	95.4
1966.....	33	21,187	107	103	628.1	513.7	97.8	97.2	101.6
1967.....	35	23,077	104	100	662.2	547.9	100.0	100.0	100.0
1968.....	38	25,142	101	105	722.5	593.4	106.3	104.2	103.6
1969.....	40	27,397	92	107	779.3	638.9	111.1	109.8	110.0
1970.....	42	29,183	106	111	810.7	695.3	107.8	116.3	113.5
1971.....	43	30,346	118	123	871.5	751.8	109.6	121.3	115.3
1972.....	47	32,208	120	128	963.6	810.4	119.7	125.3	121.7
1973.....	53	35,758	154	136	1,086.2	914.5	129.8	133.1	146.4
1974.....	66	41,253	165	137	1,160.7	998.3	129.3	147.7	166.9
1975.....	75	46,288	147	116	1,239.4	1,096.1	117.8	161.2	181.0
1976.....	86	51,069	167	136	1,379.2	1,194.4	130.5	170.5	180.4
1977.....	100	56,560	177	140	1,550.5	1,314.0	138.2	181.5	189.9
1978.....	109	63,642	204	123	1,760.3	1,474.0	146.1	195.4	207.2
1979.....	125	70,833	211	132	1,966.7	1,650.2	152.5	217.4	226.2
1980.....	145	82,678	246	119	2,117.1	1,824.1	147.0	246.8	239.5
1981 <sup>6</sup> .....	158	92,018	<sup>6</sup> 235	<sup>6</sup> 121	2,352.5	2,029.1	151.0	272.4	253.6

<sup>1</sup>Includes cash receipts from marketings, government payments, nonmoney income (gross rental value of home consumption), other income (machine hire and custom work), and value of change in farm inventories.

<sup>2</sup>Farmland and buildings per acre as of Mar. 1 through 1975; as of Feb. 1 beginning 1976.

<sup>3</sup>U.S. Department of Commerce.

<sup>4</sup>Federal Reserve Board.

<sup>5</sup>U.S. Department of Labor.

<sup>6</sup>Preliminary.

Economic Research and Statistical Reporting Service.

**Table 555.—Farms: Number, land in farms, and average size of farm, U.S., 1975–82**

Year	Farms <sup>1</sup>	Land in farms	Average size of farm
	<i>Number</i>	<i>1,000 acres</i>	<i>Acres</i>
1975.....	2,521,420	1,059,420	420
1976.....	2,497,270	1,054,075	422
1977.....	2,455,830	1,047,785	427
1978.....	2,436,250	1,044,790	429
1979.....	2,429,960	1,043,195	429
1980.....	2,427,830	1,042,245	429
1981.....	2,435,810	1,044,700	429
1982 <sup>2</sup> .....	2,437,030	1,045,805	429

<sup>1</sup>A farm is defined as a place having annual sales of agricultural products of \$1,000 or more.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

Table 556.—Farms: Number and land in farms, by States, 1981 and 1982

State	Farms <sup>1</sup>		Land in farms	
	1981	1982 <sup>2</sup>	1981	1982 <sup>2</sup>
	Number	Number	1,000 acres	1,000 acres
Ala.....	57,000	57,000	12,400	12,200
Alaska.....	390	410	1,520	1,530
Ariz.....	7,500	7,700	39,000	39,600
Ark.....	58,000	58,000	16,300	16,200
Calif.....	83,000	84,000	34,000	34,200
Colo.....	27,000	27,200	37,000	37,200
Conn.....	4,300	4,500	500	510
Del.....	3,500	3,400	650	650
Fla.....	40,000	41,000	13,000	13,000
Ga.....	60,000	60,000	15,500	15,500
Hawaii.....	4,300	4,300	1,965	1,960
Idaho.....	24,000	23,900	15,100	15,100
Ill.....	107,000	108,000	29,000	29,000
Ind.....	89,000	89,000	16,900	17,000
Iowa.....	118,000	117,000	33,800	33,800
Kans.....	76,000	76,000	48,500	48,500
Ky.....	103,000	103,000	14,600	14,500
La.....	38,000	38,000	10,100	10,100
Maine.....	8,100	8,100	1,600	1,600
Md.....	18,200	18,500	2,800	2,850
Mass.....	5,600	5,400	660	640
Mich.....	66,000	67,000	11,500	11,600
Minn.....	105,000	105,000	30,600	30,600
Miss.....	56,000	57,000	14,600	14,600
Mo.....	120,000	121,000	32,000	32,400
Mont.....	24,200	24,400	62,600	63,200
Nebr.....	65,000	65,000	47,700	47,700
Nev.....	3,100	3,100	8,900	8,900
N.H.....	3,400	3,400	545	545
N.J.....	9,500	9,500	1,030	1,030
N. Mex.....	14,000	14,000	47,700	47,700
N.Y.....	49,000	49,000	9,900	9,900
N.C.....	91,000	90,000	11,400	11,100
N. Dak.....	39,000	38,000	41,700	41,700
Ohio.....	94,000	93,000	16,300	16,200
Okla.....	71,000	71,000	34,300	34,100
Oreg.....	36,500	38,000	18,200	18,300
Pa.....	61,000	61,000	8,900	8,900
R.I.....	820	820	80	80
S.C.....	34,000	33,000	6,300	6,100
S. Dak.....	38,000	37,000	45,000	45,000
Tenn.....	95,000	94,000	13,500	13,400
Tex.....	186,000	186,000	138,500	138,400
Utah.....	13,000	12,900	12,400	12,300
Vt.....	8,200	8,300	1,800	1,810
Va.....	59,000	59,000	9,800	9,800
Wash.....	39,500	40,000	16,400	16,500
W. Va.....	20,400	20,800	4,250	4,300
Wis.....	93,000	92,000	18,600	18,500
Wyo.....	9,300	9,400	35,300	35,500
U.S.....	2,435,810	2,437,030	1,044,700	1,045,805

<sup>1</sup>A farm is defined as a place having sales of agricultural products of \$1,000 or more.

<sup>2</sup>Preliminary.

Statistical Reporting Service.

#### FOOTNOTES FOR TABLE 559

<sup>1</sup>Cropland harvested, crop failure, and cultivated summer fallow.

<sup>2</sup>Grassland and other nonforest pasture and range.

<sup>3</sup>Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.

<sup>4</sup>Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes.

<sup>5</sup>Remeasurement and increases in reservoirs account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 557.—Farms: Classification by tenure of operator, United States, 1880-1978

Year	Farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
		Number	Percent	Percent	Percent	Percent
1880.....	4,008,907					25.6
1890.....	4,564,641					28.4
1900.....	5,739,657	55.8	7.9	1.0		35.3
1910.....	6,361,502	52.7	9.3	.9		37.0
1920.....	6,453,991	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	56.4	11.3	.7		31.7
1950 <sup>1</sup> .....	5,388,437	57.4	15.3	.4		26.9
1954.....	4,782,416	57.2	17.9	.4		24.4
1959 <sup>1</sup> .....	3,710,503	57.1	21.9	.6		20.5
1964 <sup>1</sup> .....	3,157,857	57.6	24.8	.6		17.1
1969 <sup>1</sup> .....	2,730,250	62.5	24.6			12.9
1974 <sup>1</sup> .....	2,314,013	61.5	27.2			11.3
1978 <sup>1</sup> .....	2,478,642	58.6	28.8			12.7

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 558.—Land in farms: Classification by tenure of operator, United States, 1880-1978

Year	Land in farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
		Acres	Percent	Percent	Percent	Percent
1880.....	536,081,835					
1890.....	623,218,619					
1900.....	841,201,546	51.3	14.9	10.7		23.2
1910.....	878,798,325	52.9	15.2	6.1		25.8
1920.....	958,676,612	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	40.6	8.6		16.6
1959 <sup>1</sup> .....	1,123,507,574	31.0	44.0	9.8		14.8
1964 <sup>1</sup> .....	1,110,187,000	28.7	48.0	10.2		13.1
1969 <sup>1</sup> .....	1,062,892,501	35.3	51.8			13.0
1974 <sup>1</sup> .....	1,017,030,357	35.3	52.6			12.0
1978 <sup>1</sup> .....	1,029,694,535	33.1	54.9			12.1

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 559.—Land utilization, United States, selected years, 1920-78

Major land uses	1920	1930	1940	1950	1959	1969	1974	1978
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres
Cropland used for crops <sup>1</sup> .....	368	382	368	377	359	333	361	369
Idle cropland.....	34	31	31	32	33	51	21	26
Cropland used only for pasture.....	78	67	68	69	66	88	83	76
Grassland pasture <sup>2</sup> .....	652	652	650	631	633	604	598	587
Forest land <sup>3</sup> .....	602	601	608	601	728	723	718	703
Special uses <sup>4</sup> .....					147	174	182	
Other land.....	170	171	179	194	305	291	301	503
Total land area <sup>5</sup> .....	1,904	1,904	1,904	1,904	2,271	2,264	2,264	2,264

See footnotes on page 386.

## FARM RESOURCES, INCOME, AND EXPENSES, 1982

Table 560.—Land utilization, by States, 1978

State	Cropland			Grassland pasture <sup>2</sup>	Forest land <sup>3</sup>	Special use areas <sup>4</sup>	Other land	Total land area
	Used for crops <sup>1</sup>	Idle	Used only for pasture					
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Ala.....	3,769	321	1,798	1,949	21,333	1,474	1,808	32,452
Alaska.....	21	4	4	1,276	117,932	34,359	208,920	362,516
Ariz.....	1,309	206	144	41,506	17,475	9,188	2,759	72,587
Ark.....	8,027	336	2,448	2,055	18,230	1,249	900	33,245
Calif.....	9,457	636	1,628	22,890	37,035	13,197	15,228	100,071
Colo.....	9,131	609	1,078	28,731	20,009	3,515	3,337	66,410
Conn.....	180	15	55	47	1,831	122	862	3,112
Del.....	502	16	18	11	390	99	232	1,268
D.C.....							39	39
Fla.....	2,807	390	1,300	5,469	16,738	4,156	3,758	34,618
Ga.....	5,114	496	1,551	1,317	24,840	1,868	1,981	37,167
Hawaii.....	159	147	27	1,143	1,610	535	491	4,112
Idaho.....	5,599	266	767	21,004	17,890	4,265	3,122	52,913
Ill.....	23,042	934	1,517	1,551	3,757	1,805	3,073	35,679
Ind.....	12,307	620	1,103	1,347	3,895	1,131	2,699	23,102
Iowa.....	24,319	1,226	3,174	1,755	1,485	1,668	2,175	35,802
Kans.....	25,798	1,726	3,150	15,995	1,298	1,738	2,639	52,344
Ky.....	4,923	789	4,134	1,301	11,948	1,044	1,237	25,376
La.....	5,067	355	1,175	1,866	14,527	1,280	4,485	28,755
Maine.....	491	100	98	118	17,474	371	1,137	19,789
Md.....	1,518	109	246	174	2,544	556	1,183	6,330
Mass.....	215	18	77	43	2,847	425	1,384	5,009
Mich.....	7,030	875	760	1,211	18,979	2,017	5,491	36,363
Minn.....	20,912	1,684	1,647	1,590	16,014	4,179	4,719	50,745
Miss.....	6,144	438	1,960	1,856	16,696	829	2,346	30,269
Mo.....	13,010	1,014	6,937	5,812	12,587	1,715	3,082	44,157
Mont.....	14,560	578	1,189	48,869	19,003	5,972	3,005	93,176
Nebr.....	19,777	1,177	2,363	22,133	1,015	1,526	958	48,949
Nev.....	615	59	191	45,976	7,272	7,485	8,730	70,328
N.H.....	138	14	46	32	4,867	208	472	5,777
N.J.....	621	46	83	52	1,894	433	1,684	4,813
N. Mex.....	1,605	252	481	51,382	16,805	4,974	2,204	77,703
N.Y.....	4,514	472	1,195	1,394	14,737	3,810	4,490	30,612
N.C.....	4,952	629	990	852	19,590	1,814	2,404	31,231
N. Dak.....	26,736	1,277	1,605	10,888	426	1,824	1,583	44,339
Ohio.....	10,674	618	1,266	1,545	6,065	1,318	4,738	26,224
Okla.....	10,152	726	4,200	17,549	8,471	1,395	1,527	44,020
Oreg.....	4,217	215	815	23,119	28,498	2,659	2,034	61,557
Pa.....	4,368	411	1,037	901	16,632	2,347	3,082	28,778
R.I.....	25	3	8	3	395	67	170	671
S.C.....	2,748	231	625	550	12,167	1,135	1,888	19,344
S. Dak.....	16,111	876	2,307	24,192	1,673	1,583	1,869	48,611
Tenn.....	4,974	486	2,988	1,402	12,820	2,208	1,572	26,450
Tex.....	25,649	2,988	12,127	93,928	23,203	4,531	5,340	167,766
Utah.....	1,425	118	491	23,503	14,933	4,777	7,294	52,541
Vt.....	583	25	254	188	4,450	242	189	5,931
Va.....	2,734	327	1,722	1,556	16,009	1,383	1,728	25,459
Wash.....	7,394	402	614	6,586	20,349	5,250	2,010	42,605
W. Va.....	706	91	814	653	11,509	452	1,180	15,405
Wis.....	10,098	662	1,479	1,914	14,840	2,132	3,732	34,857
Wyo.....	2,347	96	473	45,537	5,640	5,589	2,528	62,210
U.S.....	368,574	26,109	76,159	586,721	702,627	157,899	345,498	2,263,587

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>2</sup> Grassland and other nonforest pasture and range.<sup>3</sup> Excludes reserved forest land in parks and other special uses of land. Includes forested grazing land.  
<sup>4</sup> Includes rural transportation areas, Federal and States areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes.

Economic Research Service. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 561.—Land in farms:<sup>1</sup> Irrigated land, by States, 1944-78

State	1944	1949	1954	1959	1964	1969	1974	1978 <sup>2</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
Ala.....	( <sup>3</sup> )	( <sup>3</sup> )	17	17	12	11	14	59
Alaska.....					( <sup>3</sup> )	1	1	1
Ariz.....	736	964	1,177	1,152	1,125	1,178	1,153	1,211
Ark.....	289	422	858	712	974	1,010	949	1,686
Calif.....	4,952	6,438	7,048	7,396	7,599	7,240	7,749	8,604
Colo.....	2,669	2,872	2,263	2,685	2,690	2,895	2,874	3,458
Conn.....	( <sup>3</sup> )	8	12	5	14	9	7	7
Del.....	( <sup>3</sup> )	( <sup>3</sup> )	6	16	18	20	20	34
Fla.....	222	365	428	414	1,217	1,365	1,559	1,991
Ga.....	( <sup>3</sup> )	3	24	34	64	79	112	464
Hawaii.....	( <sup>3</sup> )	117	( <sup>3</sup> )	141	144	146	142	159
Idaho.....	2,026	2,137	2,325	2,577	2,802	2,761	2,859	3,508
Ill.....	( <sup>3</sup> )	2	7	10	14	51	54	130
Ind.....	1	5	12	17	17	34	33	75
Iowa.....	1	1	2	18	22	21	39	101
Kans.....	96	139	332	762	1,004	1,522	2,010	2,686
Ky.....	( <sup>3</sup> )	( <sup>3</sup> )	13	9	14	20	11	15
La.....	536	577	708	485	581	702	702	682
Maine.....	( <sup>3</sup> )	2	1	2	4	6	6	7
Md.....	( <sup>3</sup> )	1	8	11	16	22	23	29
Mass.....	11	19	23	20	24	19	19	17
Mich.....	3	14	23	40	49	77	97	226
Minn.....	( <sup>3</sup> )	4	9	15	18	36	78	272
Miss.....	( <sup>3</sup> )	5	132	100	123	150	162	310
Mo.....	1	2	33	30	59	156	150	344
Mont.....	1,555	1,717	1,891	1,875	1,893	1,841	1,759	2,086
Nebr.....	632	876	1,171	2,078	2,169	2,857	3,967	5,698
Nev.....	674	727	567	543	825	753	778	899
N.H.....	( <sup>3</sup> )	1	1	1	3	2	2	2
N.J.....	12	28	59	74	96	72	89	78
N. Mex.....	535	655	650	732	813	823	867	904
N.Y.....	10	19	59	58	79	55	55	56
N.C.....	( <sup>3</sup> )	2	25	66	97	59	51	93
N. Dak.....	23	35	38	48	51	63	71	141
Ohio.....	4	6	15	12	17	22	22	26
Okla.....	2	34	108	198	302	524	515	602
Oreg.....	1,129	1,307	1,490	1,384	1,608	1,519	1,561	1,920
Pa.....	9	7	18	17	23	19	18	15
R.I.....	( <sup>3</sup> )	2	1	( <sup>3</sup> )	1	2	2	3
S.C.....	( <sup>3</sup> )	22	25	19	15	10	10	33
S. Dak.....	53	78	90	116	130	148	152	341
Tenn.....	( <sup>3</sup> )	1	23	11	11	12	10	14
Tex.....	1,320	3,123	4,707	5,656	6,385	6,888	6,594	7,018
Utah.....	1,124	1,138	1,073	1,062	1,092	1,025	970	1,185
Vt.....	( <sup>3</sup> )	( <sup>3</sup> )	1	2	2	( <sup>3</sup> )	1	2
Va.....	1	3	22	31	51	37	28	44
Wash.....	520	589	778	1,007	1,150	1,244	1,309	1,681
W. Va.....	( <sup>3</sup> )	( <sup>3</sup> )	1	1	2	3	2	1
Wis.....	5	10	18	32	62	106	128	235
Wyo.....	1,354	1,432	1,263	1,470	1,571	1,523	1,460	1,685
U.S.....	20,539	25,905	29,552	33,164	37,057	39,122	41,243	50,838
P.R.....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	76	89	91	70	( <sup>4</sup> )
V.I.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>4</sup> )
Total.....	20,539	25,905	29,552	33,240	37,145	39,213	41,313	50,838

<sup>1</sup>Data may not add because of rounding.<sup>2</sup>Data not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list.<sup>3</sup>Less than 500 acres.<sup>4</sup>Not available.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 563

<sup>1</sup>Land and buildings.<sup>2</sup>Excludes Alaska and Hawaii. Data as of the first day of month specified.

Economic Research Service.

**Table 562.—Farm real estate: Value of farmland and buildings, and value of farm buildings, by States, 1978-82<sup>1</sup>**

State	Total value of land and buildings					Total value of farm buildings				
	Feb. 1, 1978	Feb. 1, 1979	Feb. 1, 1980	Feb. 1, 1981	Feb. 1, 1982	Feb. 1, 1978	Feb. 1, 1979	Feb. 1, 1980	Feb. 1, 1981	Feb. 1, 1982
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Ala.....	6,586	8,115	10,055	11,594	11,248	1,613	1,968	2,414	2,759	2,655
Ariz.....	6,013	7,761	10,260	10,998	11,642	410	524	686	726	757
Ark.....	10,057	12,705	15,201	17,294	17,885	1,604	2,006	2,376	2,681	2,736
Calif.....	31,085	40,205	48,345	58,990	65,151	3,076	3,938	4,688	5,663	6,189
Colo.....	10,108	11,817	13,737	15,244	15,587	1,078	1,247	1,436	1,570	1,590
Conn.....	980	1,091	1,173	1,266	1,343	257	283	302	323	338
Del.....	898	990	1,141	1,198	1,078	143	156	178	186	165
Fla.....	13,247	15,397	18,112	19,591	18,616	1,311	1,508	1,756	1,881	1,769
Ga.....	10,279	11,888	13,460	14,182	13,051	2,014	2,306	2,585	2,695	2,454
Idaho.....	7,936	9,009	10,301	10,827	11,370	1,128	1,268	1,435	1,494	1,558
Ill.....	46,800	53,510	57,976	61,857	56,260	8,047	9,109	9,770	10,330	9,283
Ind.....	22,931	26,854	30,791	33,327	29,155	5,221	6,053	6,870	7,365	6,385
Iowa.....	44,977	52,390	61,207	65,606	60,908	6,913	7,972	9,220	9,776	9,014
Kans.....	20,167	24,198	27,685	28,615	28,372	2,131	2,531	2,867	2,947	2,894
Ky.....	10,578	12,657	13,942	14,469	14,442	2,571	3,045	3,321	3,415	3,379
La.....	8,347	10,110	13,007	15,342	15,261	1,058	1,269	1,616	1,887	1,862
Maine.....	750	869	934	979	1,018	310	355	378	393	404
Md.....	4,184	4,860	6,190	7,157	6,886	896	1,031	1,300	1,489	1,419
Mass.....	858	981	1,055	1,083	1,092	255	289	308	313	312
Mich.....	10,002	11,115	12,331	14,168	13,827	2,623	2,886	3,169	3,599	3,471
Minn.....	22,819	27,030	31,832	37,669	36,628	5,436	6,375	7,432	8,702	8,388
Miss.....	8,337	10,011	12,050	15,286	14,600	1,562	1,856	2,212	2,782	2,628
Mo.....	20,180	22,869	27,660	30,112	28,253	3,470	3,893	4,661	5,029	4,662
Mont.....	10,935	12,172	14,230	14,961	16,053	1,260	1,389	1,608	1,676	1,782
Nebr.....	19,702	25,043	28,623	31,482	29,860	2,082	2,620	2,964	3,243	3,046
Nev.....	1,258	1,717	2,276	2,412	2,510	138	186	244	256	264
N.H.....	429	501	539	570	592	178	205	219	229	236
N.J.....	2,481	2,782	2,984	3,088	3,212	386	429	455	466	479
N. Mex.....	5,219	6,692	8,870	9,683	10,065	571	726	952	1,026	1,057
N.Y.....	5,884	6,432	6,656	7,415	7,781	2,057	2,227	2,281	2,514	2,614
N.C.....	9,793	12,297	14,221	15,173	14,252	2,389	2,970	3,401	3,596	3,349
N. Dak.....	12,493	14,470	16,627	17,639	18,181	1,824	2,092	2,379	2,505	2,564
Ohio.....	19,953	24,173	27,347	28,150	23,879	4,945	5,931	6,643	6,756	5,683
Okla.....	15,734	17,715	20,899	22,707	23,734	1,693	1,887	2,204	2,362	2,445
Oreg.....	7,576	9,173	10,067	11,011	11,181	1,412	1,692	1,839	1,993	2,001
Pa.....	10,034	11,457	12,633	12,878	11,855	3,007	3,399	3,711	3,747	3,414
R.I.....	153	178	191	216	224	34	39	42	47	48
S.C.....	4,242	5,025	5,627	5,859	5,600	913	1,070	1,187	1,225	1,159
S. Dak.....	10,214	11,520	12,271	13,050	13,095	1,285	1,435	1,513	1,592	1,584
Tenn.....	10,158	11,782	12,959	13,824	13,025	2,196	2,521	2,745	2,903	2,709
Texas.....	46,902	53,615	62,120	68,142	79,718	4,505	5,099	5,849	6,337	7,334
Utah.....	3,879	5,040	6,680	7,031	7,257	555	714	937	977	1,001
Vt.....	1,022	1,148	1,235	1,352	1,414	371	413	439	476	492
Va.....	7,584	9,114	9,891	10,584	10,192	1,690	2,011	2,160	2,286	2,181
Wash.....	9,686	11,141	11,671	14,006	14,652	1,712	1,950	2,022	2,409	2,491
W. Va.....	1,837	2,427	2,959	3,192	3,565	515	674	813	868	959
Wisc.....	13,504	16,007	18,232	20,553	19,850	3,995	4,689	5,287	5,899	5,637
Wyo.....	4,232	5,040	5,357	5,789	6,035	451	532	560	596	616
48 States....	553,024	653,094	753,608	827,621	821,455	93,293	108,768	123,435	133,988	129,457

<sup>1</sup>Total value of land and buildings are derived by multiplying average value per acre of farm real estate by the land in farms.

Economic Research Service.

**Table 563.—Farm real estate: Index numbers of average value per acre, United States, 1965-82<sup>1 2</sup>**

[1977=100]

Date	Index	Date	Index	Date	Index
1965:		1972:		1979:	
Mar.....	3	Mar.....	47	Feb.....	125
1966:		1973:		1980:	
Mar.....	33	Mar.....	53	Feb.....	145
1967:		1974:		1981:	
Mar.....	35	Mar.....	66	Feb.....	158
1968:		1975:		1982:	
Mar.....	38	Mar.....	75	Apr.....	157
1969:		1976:			
Mar.....	40	Feb.....	86		
1970:		1977:			
Mar.....	42	Feb.....	100		
1971:		1978:			
Mar.....	43	Feb.....	109		

See footnotes on page 389.

**Table 564.—Farm real estate: Index numbers of average value per acre, by States 1970, 1979-82**

[1977 = 100]

State	1970	1979	1980	1981	1982	State	1970	1979	1980	1981	1982
Ala.....	44	120	149	176	174	Nev. <sup>2,3</sup> .....	50	134	178	190	198
Ariz. <sup>2,3</sup> .....	56	126	167	179	186	N.H. <sup>4</sup> .....	43	126	135	143	149
Ark.....	54	137	163	188	196	N.J.....	38	111	120	123	128
Calif.....	80	138	166	201	221	N. Mex. <sup>2,3</sup> .....	53	126	166	178	185
Colo.....	37	126	147	161	164	N. Y.....	39	113	119	126	132
Conn. <sup>4</sup> .....	46	126	135	143	149	N.C.....	46	122	141	155	149
Del.....	35	129	151	158	143	N. Dak.....	34	119	136	145	149
Fla. <sup>5</sup> .....	48	120	141	157	149	Ohio.....	35	138	156	160	137
Ga.....	43	118	132	139	128	Okla.....	45	121	143	156	164
Idaho.....	40	117	134	144	151	Oreg.....	54	120	132	144	145
Ill.....	30	125	135	144	131	Pa.....	34	127	140	144	133
Ind.....	32	130	150	161	140	R.I. <sup>4</sup> .....	46	126	135	143	149
Iowa.....	29	119	139	150	139	S.C.....	40	114	130	137	136
Kans.....	40	117	134	137	136	S. Dak.....	39	132	141	150	150
Ky.....	41	133	147	153	154	Tenn.....	45	122	136	146	138
La.....	53	132	169	200	199	Texas.....	52	124	144	158	185
Maine <sup>4</sup> .....	45	126	135	143	149	Utah <sup>2,3</sup> .....	48	127	169	181	188
Md.....	44	133	166	188	178	Vt. <sup>4</sup> .....	45	126	135	143	149
Mass. <sup>4</sup> .....	46	126	135	143	149	Va.....	40	128	139	149	143
Mich.....	44	124	138	157	152	Wash.....	50	118	124	146	152
Minn.....	32	131	154	179	174	W. Va.....	33	126	150	160	177
Miss.....	57	129	156	198	189	Wis.....	38	139	159	179	174
Mo.....	44	127	154	165	153	Wyo. <sup>3</sup> .....	43	118	126	135	140
Mont.....	39	121	142	148	157						
Nebr.....	37	120	137	151	143	48 States.....	42	125	145	158	157

<sup>1</sup> All farmlands with improvements as of Mar. 1, 1970, Feb. 1, 1979-81, and Apr. 1, 1982.

<sup>2</sup>Indexes for 1979-80 were estimated by combining survey data to obtain an average rate of change for these 4 mountain states.

<sup>3</sup>Indexes for 1981 and 1982 were estimated using the average of the percentage changes in the Montana, Idaho and Colorado indexes.

<sup>4</sup>Based on an average for the six New England States for 1979-82.

<sup>5</sup>Value indexed up by the average of the percentage change in Alabama and Georgia index values beginning 1973. Economic Research Service.

**Table 565.—Livestock: Number and value, United States, Jan. 1, 1980-82**

Class of livestock and poultry	Number			Value					
	1980	1981	1982 <sup>1</sup>	Per head <sup>2</sup>			Total		
				1980	1981	1982 <sup>1</sup>	1980	1981	1982 <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.....	111,192	114,321	115,691	502	475	415	55,831,294	54,292,044	47,978,582
Hogs <sup>3</sup> .....	67,353	64,512	58,691	56.10	74.70	70.10	3,774,920	4,820,793	4,115,148
Sheep and lambs.....	12,687	12,936	13,116	78.20	69.80	56.90	992,127	903,332	746,520
Total <sup>4</sup> .....							60,598,341	60,016,169	52,840,250
Chickens <sup>3</sup> .....	400,585	392,200	383,220	1.81	1.88	1.89	726,365	738,542	724,714
Turkey breeder hens <sup>3,5</sup> .....	3,705	3,749	3,415	13.58	14.11	15.32	50,304	52,887	52,329
Total <sup>6</sup> .....							61,375,010	60,807,598	53,617,293

<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 sheep and lambs.

<sup>5</sup>Selected States.

<sup>6</sup>Includes all cattle, hogs, sheep and lambs, and chickens plus turkey breeder hens in 26 major States.

Statistical Reporting Service.

**Table 566.—Farm real estate: Average value per acre of land and buildings, by State, March 1, 1970, Feb. 1, 1979–81, and April 1, 1982**

State	Mar. 1, 1970	Feb. 1, 1979	Feb. 1, 1980	Feb. 1, 1981	Apr. 1, 1982	State	Mar. 1, 1970	Feb. 1, 1979	Feb. 1, 1980	Feb. 1, 1981	Apr. 1, 1982
	<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>
Ala.....	200	639	792	935	922	Nev.....	53	191	253	271	282
Ariz.....	70	199	264	282	294	N.H.....	239	919	988	1,045	1,087
Ark.....	260	770	921	1,061	1,104	N.J.....	1,092	2,701	2,926	2,998	3,118
Calif.....	479	1,186	1,426	1,735	1,905	N. Mex.....	42	143	190	203	211
Colo.....	95	322	376	412	419	N.Y.....	273	670	708	749	786
Conn.....	921	2,227	2,395	2,533	2,634	N.C.....	383	1,051	1,215	1,331	1,284
Del.....	499	1,500	1,755	1,843	1,659	N. Dak.....	94	347	399	423	436
Fla.....	355	1,149	1,352	1,507	1,432	Ohio.....	399	1,483	1,678	1,727	1,474
Ga.....	234	777	868	915	842	Okla.....	173	512	604	662	696
Idaho.....	177	585	669	717	753	Oreg.....	150	504	556	605	611
Ill.....	490	1,858	2,013	2,133	1,940	Pa.....	373	1,273	1,404	1,447	1,332
Ind.....	406	1,589	1,833	1,972	1,715	R.I.....	734	2,370	2,548	2,696	2,804
Iowa.....	392	1,550	1,811	1,941	1,802	S.C.....	261	773	879	930	918
Kans.....	159	501	573	590	585	S. Dak.....	84	256	273	290	291
Ky.....	253	861	955	991	996	Tenn.....	268	860	953	1,024	972
La.....	321	1,001	1,288	1,519	1,511	Texas.....	148	386	448	492	576
Maine.....	161	538	579	612	636	Utah.....	92	400	530	567	590
Md.....	640	1,800	2,251	2,556	2,416	Vt.....	224	660	710	751	781
Mass.....	565	1,443	1,552	1,641	1,707	Va.....	286	930	1,009	1,080	1,040
Mich.....	326	975	1,082	1,232	1,192	Wash.....	224	692	725	854	888
Minn.....	226	901	1,061	1,231	1,197	W. Va.....	136	592	704	751	829
Miss.....	234	681	825	1,047	1,000	Wis.....	232	856	980	1,105	1,073
Mo.....	224	726	878	941	872	Wyo.....	41	144	153	164	170
Mont.....	60	196	229	239	254	48 States....	196	628	725	795	788
Nebr.....	154	525	600	660	626						

Economic Research Service.



Table 567.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding farm households, United States, Jan. 1, 1967-82

Item	1967	1968	1969	1970	1971	1972	1973	1974
<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>
Real estate.....	169.4	179.5	188.4	194.9	202.2	217.3	242.6	297.7
Non-real-estate:								
Livestock <sup>1</sup> .....	19.0	18.8	20.2	23.5	23.7	27.3	34.1	42.4
Machinery and motor vehicles.....	23.8	26.1	27.5	28.4	30.0	32.0	34.4	39.5
Crops stored on and off farms <sup>2</sup> .....	10.0	9.6	10.6	10.9	10.7	11.8	14.5	22.0
Financial assets:								
Demand deposits.....	4.1	4.2	4.3	4.4	4.5	4.6	4.7	4.9
Currency.....	1.9	1.9	2.0	2.0	2.0	2.1	2.2	2.2
Investments in cooperatives.....	6.2	6.5	6.8	7.2	8.0	8.8	9.7	10.9
Total <sup>3</sup> .....	234.4	246.6	259.8	271.3	281.1	303.9	342.2	419.6
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt.....	20.7	22.6	24.7	26.4	27.5	29.2	32.4	37.5
Non-real-estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	1.2	1.4	2.7	2.7	1.9	2.3	1.8	.8
Other reporting institutions <sup>5</sup> .....	11.8	13.0	13.8	15.0	16.5	18.6	20.8	24.8
Nonreporting creditors <sup>6</sup> .....	6.8	6.6	5.4	5.0	4.6	4.8	5.5	5.7
Total liabilities <sup>3</sup> .....	40.4	43.6	46.5	49.0	50.4	54.8	60.6	69.0
Proprietors' equity.....	194.0	203.0	213.3	222.3	230.7	249.1	281.6	350.9
Total <sup>3</sup> .....	234.4	246.6	259.8	271.3	281.1	303.9	342.2	419.6
<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>
Real estate.....	327.3	381.0	452.6	506.1	598.3	691.4	760.0	756.0
Non-real-estate:								
Livestock <sup>1</sup> .....	24.5	29.4	29.0	31.9	51.3	61.4	60.8	53.6
Machinery and motor vehicles.....	49.1	58.1	64.1	70.3	78.7	90.8	97.0	105.5
Crops stored on and off farms <sup>2</sup> .....	23.3	21.3	22.1	24.8	28.0	33.5	35.9	36.5
Financial assets:								
Demand deposits.....	4.8	5.0	5.0	5.2	5.3	5.4	5.4	5.6
Currency.....	2.0	2.0	1.9	1.9	1.9	1.9	1.9	2.0
Investments in cooperatives.....	11.4	13.4	14.9	15.2	18.3	20.2	22.2	24.4
Total <sup>3</sup> .....	442.5	510.2	589.6	655.3	781.8	904.6	983.3	983.6
<b>CLAIMS</b>								
Liabilities:								
Real-estate debt.....	42.1	46.4	51.5	58.1	64.6	75.5	84.1	93.3
Non-real-estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	.3	.4	1.0	4.5	5.7	5.1	5.0	8.0
Other reporting institutions <sup>5</sup> .....	27.7	31.3	35.7	40.4	46.7	55.5	60.4	65.6
Nonreporting creditors <sup>6</sup> .....	5.9	6.2	7.2	8.2	10.2	11.5	13.7	14.7
Total liabilities <sup>3</sup> .....	75.8	84.3	95.4	111.3	127.2	147.5	163.1	181.6
Proprietors' equity.....	366.6	425.9	494.2	544.0	654.6	757.1	820.1	802.0
Total <sup>3</sup> .....	442.5	510.2	589.6	655.3	781.8	904.6	983.3	983.6

<sup>1</sup>Horses and mules are excluded.

<sup>2</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>3</sup>Total of rounded data.

<sup>4</sup>Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.

<sup>5</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>6</sup>Loans and credits extended by dealers, merchants, finance companies, individuals, and others.

<sup>7</sup>Beginning with 1975, data are for farms included in new farm definition, that is assets and debts on places with sales less than \$1,000 annually are excluded.

<sup>8</sup>Preliminary.

Economic Research Service.

**Table 568.—Farm assets and claims: Comparative balance sheet of the farming sector, including farm households, United States, Jan. 1, 1967–82**

Item	1967	1968	1969	1970	1971	1972	1973	1974
<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>
Real estate .....	189.1	199.7	209.2	215.8	223.2	239.6	267.3	327.7
Non-real-estate:								
Livestock <sup>1</sup> .....	19.0	18.9	20.2	23.5	23.7	27.3	34.1	42.4
Machinery and motor vehicles .....	27.4	29.8	31.3	32.3	34.4	36.6	29.3	44.2
Crops stored on and off farms <sup>2</sup> .....	10.0	9.6	10.6	10.9	10.7	11.8	14.5	22.0
Household furnishings and equipment .....	8.3	8.8	9.4	9.6	10.0	10.8	11.9	12.3
Financial assets:								
Deposits and currency .....	10.3	10.9	11.5	11.9	12.4	13.2	14.0	14.9
United States savings bonds .....	3.9	3.8	3.8	3.7	3.6	3.7	4.0	4.2
Investments in cooperatives .....	6.2	6.5	6.8	7.2	8.0	8.8	9.7	10.8
Total <sup>3</sup> .....	274.2	288.0	302.8	314.9	326.0	351.8	394.8	478.5
<b>CLAIMS</b>								
Liabilities:								
Real estate debt .....	23.1	25.1	27.4	29.2	30.3	32.2	35.7	41.3
Non-real estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	1.2	1.4	2.7	2.7	1.9	2.3	1.8	.7
Other reporting institutions <sup>5</sup> .....	12.4	13.8	14.6	15.8	17.4	19.6	22.0	26.2
Nonreporting creditors <sup>6</sup> .....	7.4	7.1	5.8	5.3	4.9	5.1	5.8	5.9
Total liabilities <sup>3</sup> .....	44.1	47.4	50.5	53.0	54.5	59.1	65.3	74.1
Proprietors' equity .....	230.1	240.6	252.3	261.9	271.5	292.7	329.5	404.4
Total <sup>3</sup> .....	274.2	288.0	302.8	314.9	326.0	351.8	394.8	478.5
<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>
Real estate .....	359.7	418.1	496.4	554.7	655.0	755.9	830.0	823.8
Non-real-estate:								
Livestock <sup>1</sup> .....	24.5	29.4	29.0	31.9	51.3	61.4	60.8	53.6
Machinery and motor vehicles .....	54.7	64.0	71.0	76.9	85.1	96.7	102.8	111.4
Crops stored on and off farms <sup>2</sup> .....	23.3	21.3	22.1	24.8	28.0	33.5	35.9	36.5
Household furnishings and equipment .....	11.2	11.7	12.2	13.8	16.0	17.2	19.3	21.7
Financial assets:								
Deposits and currency .....	14.0	14.5	14.8	15.2	15.5	15.9	16.2	16.8
United States savings bonds .....	3.8	3.9	3.8	3.9	4.2	4.0	3.8	3.6
Investments in cooperatives .....	11.4	13.4	14.0	15.2	18.3	20.2	22.2	24.4
Total <sup>3</sup> .....	502.6	576.3	664.2	736.4	873.4	1,004.8	1,091.1	1,091.8
<b>CLAIMS</b>								
Liabilities:								
Real estate debt .....	46.3	51.1	56.6	63.6	70.8	82.7	92.0	102.0
Non-real estate debt to—								
Commodity Credit Corporation <sup>4</sup> .....	.3	.4	1.0	4.5	5.7	5.1	5.0	8.0
Other reporting institutions <sup>5</sup> .....	29.2	33.1	37.8	42.7	49.6	59.0	64.2	69.8
Nonreporting creditors <sup>6</sup> .....	6.0	6.3	7.3	8.4	10.4	11.7	14.0	15.0
Total liabilities <sup>3</sup> .....	81.8	90.9	102.7	119.3	136.5	158.4	175.2	194.8
Proprietors' equity .....	420.8	485.4	561.5	617.1	736.9	846.3	915.9	897.0
Total <sup>3</sup> .....	502.6	576.3	664.2	736.4	873.4	1,004.8	1,091.1	1,091.8

<sup>1</sup> Horses and mules are excluded.<sup>2</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>3</sup> Total of rounded data.<sup>4</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.<sup>5</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>6</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.<sup>7</sup> Beginning with 1975, data are for farms included in new farm definition, that is, assets and debts on places with sales less than \$1,000 annually are excluded.<sup>8</sup> Preliminary.

Economic Research Service.

**Table 569.—Farm machinery and equipment: Number of specified kinds on farms, and tractor horsepower, Jan. 1, United States, 1965-82**

Year	Tractors (exclusive of steam and garden)			Tractor horsepower	Motor-trucks	Grain combines <sup>1</sup>	Corn pickers and picker shellers <sup>2</sup>	Pickup balers <sup>3</sup>	Field forage harvesters <sup>4</sup>
	Total	Wheel	Crawler						
	Thousands	Thousands	Thousands	Millions	Thousands	Thousands	Thousands	Thousands	Thousands
1965.....	4,787	4,601	186	176	3,030	910	690	751	316
1966.....	4,783	4,594	189	182	3,017	888	686	752	316
1967.....	4,786	4,593	193	189	3,009	867	680	748	319
1968.....	4,766	4,570	196	195	3,016	847	673	739	321
1969.....	4,712	4,513	199	199	3,004	820	657	725	314
1970.....	4,619	4,416	203	203	2,984	790	635	708	304
1971.....	4,584	4,391	193	206	2,994	760	630	700	300
1972.....	4,549	4,366	183	209	3,003	725	625	692	298
1973.....	4,518	4,345	173	212	3,013	701	621	684	292
1974.....	4,493	4,329	164	219	3,023	698	618	674	295
1975.....	4,469	4,311	158	222	3,032	524	615	667	255
1976.....	4,434	4,281	153	228	3,043	527	610	641	263
1977.....	4,402	4,260	142	232	3,044	535	605	615	270
1978 <sup>5</sup> .....	4,989	4,839	150	266	3,555	664	694	769	301
1979.....	4,810	4,661	149	269	3,734	667	692	766	303
1980.....	4,775	4,627	148	277	3,992	669	690	764	301
1981.....	4,740	4,594	146	275	4,072	671	687	761	300
1982 <sup>6</sup> .....	4,655	4,510	145	275	4,050	674	685	758	298

<sup>1</sup>Data for 1975 and thereafter are for self-propelled combines only.<sup>2</sup>Includes cornheads for combines.<sup>3</sup>Does not include large balers that produce over 200-pound bales.<sup>4</sup>Data for 1976 and thereafter do not include flail-type forage harvesters.<sup>5</sup>U.S. totals for 1978 are not directly comparable with totals for 1974 or earlier census years, because they include State-level data from farm operators represented on the Census mailing list, plus estimates from the direct enumeration sample for farms not on the mailing list. As a result, figures for nearly all categories are somewhat higher than they would be using the earlier base. The 1974 U.S. data include only operations represented on the mailing list. Estimates are pegged to Census year data for all noncensus years before 1978.<sup>6</sup>Preliminary.

Economic Research Service.

## FOOTNOTES FOR TABLE 572

<sup>1</sup>Total population includes Armed Forces overseas.<sup>2</sup>Farm population is defined as all persons living on places of 10 or more acres with at least \$50 worth of agricultural products sold in reporting year, and places of under 10 acres if at least \$250 worth of agricultural products were sold.<sup>3</sup>Beginning 1978, the farm population is defined as all persons living on places with \$1,000 or more of agricultural sales in the reporting year.

Economic Research Service and the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 573

<sup>1</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>2</sup>Annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October.<sup>3</sup>Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 574

<sup>1</sup>Includes all persons doing farm work for pay during the survey week.<sup>2</sup>Annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October.<sup>3</sup>Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Statistical Reporting Service.

**Table 570.—Farm machines, selected types: Units manufactured in the United States, 1965-80**

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	Crop driers (heated air)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1965.....	88,914	3,645	9,732	27,418	52,012	72,545	12,381
1966.....	109,784	2,332	13,353	30,050	58,878	71,099	14,904
1967.....	95,936	2,565	17,777	29,088	61,724	65,691	15,277
1968.....	62,701	1,136	18,568	23,108	53,171	64,705	20,310
1969.....	39,951	1,186	20,141	22,962	23,146	44,627	8,156
1970.....	37,894	961	14,946	16,986	25,857	39,298	7,153
1971.....	34,519	1,016	13,231	14,439	20,451	36,718	13,245
1972.....	44,914	1,137	18,296	16,766	19,180	37,649	16,997
1973.....	59,636	1,315	23,817	19,387	36,133	63,359	23,364
1974.....	60,543	1,066	29,466	25,615	41,450	81,039	34,781
1975.....	56,659	357	35,898	30,178	48,404	61,835	30,808
1976.....	52,711	317	38,199	31,942	40,299	55,593	29,904
1977.....	46,325	278	30,278	26,462	33,999	54,957	41,427
1978.....	32,111	183	23,169	18,712	38,355	62,269	39,951
1979.....	39,507	168	26,554	24,251	42,555	75,428	32,308
1980.....	26,770	161	22,708	20,266	38,258	63,273	23,130

  

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Corn pickers (field)	Corn picking units (combine attachments)	Cotton strippers
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1965.....	41,150	55,590	30,568	38,442	13,355	20,723	1,997
1966.....	43,005	49,212	29,801	46,728	13,232	25,576	1,750
1967.....	32,467	40,623	34,103	42,003	13,560	22,829	1,138
1968.....	20,266	33,384	23,646	31,443	13,797	18,616	878
1969.....	17,002	30,939	21,551	24,015	8,976	16,828	1,846
1970.....	16,476	30,476	21,190	21,017	6,818	15,855	766
1971.....	15,863	23,050	18,920	21,229	7,579	20,230	1,483
1972.....	14,126	27,989	20,248	21,172	7,577	20,642	2,266
1973.....	19,436	32,656	26,890	25,241	7,937	24,985	2,591
1974.....	21,010	41,890	25,304	28,644	6,390	29,228	2,612
1975.....	22,591	49,118	22,792	31,259	4,536	26,741	1,361
1976.....	21,896	50,151	22,627	31,712	4,404	25,087	1,127
1977.....	20,328	42,621	18,740	31,943	( <sup>2</sup> )	24,035	1,816
1978.....	20,602	43,982	16,941	32,020	( <sup>2</sup> )	18,629	1,775
1979.....	19,126	52,310	17,090	32,357	( <sup>2</sup> )	20,052	1,279
1980.....	19,538	52,192	15,823	28,544	( <sup>2</sup> )	14,601	2,566

  

Year	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo unloaders <sup>3</sup>	Milking machines <sup>4</sup>	Mower-conditioners (combination)
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
1965.....	1,933	1,088	34,301	9,687	15,284	23,483	( <sup>2</sup> )
1966.....	1,995	1,785	37,410	10,773	24,569	20,804	( <sup>2</sup> )
1967.....	1,841	1,699	39,072	7,875	21,568	16,503	15,468
1968.....	1,780	737	35,867	5,818	24,897	13,822	14,532
1969.....	1,760	1,195	39,653	5,585	18,632	13,904	21,110
1970.....	1,877	1,118	35,461	5,434	19,185	12,141	24,549
1971.....	2,291	751	29,394	5,377	19,351	12,175	25,455
1972.....	2,218	628	28,961	5,091	20,908	14,043	21,204
1973.....	2,236	746	30,615	8,653	27,424	14,826	29,881
1974.....	2,131	1,183	38,004	7,386	27,822	16,252	37,258
1975.....	2,647	1,273	29,977	9,080	20,288	10,976	35,539
1976.....	1,919	1,328	26,239	4,871	21,556	9,303	32,940
1977.....	1,790	1,005	24,541	6,508	25,899	10,704	27,517
1978.....	1,974	758	24,118	10,614	29,040	11,507	29,921
1979.....	1,632	362	24,649	11,077	25,663	14,274	35,039
1980.....	880	258	24,240	7,599	21,415	10,041	35,200

<sup>1</sup> Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.

<sup>2</sup> Not available.

<sup>3</sup> Beginning 1969, horizontal silo unloaders not included.

<sup>4</sup> Includes only the number of vacuum-pump units for stationary and portable milking machines.

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

FARM MACHINERY, POPULATION

Table 571.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1965-80

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery	Haying machinery	Machines for preparing crops for market or use
	<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>
1965.....	2,618,442	95,597	133,467	140,098	70,641	504,824	145,951	59,450
1966.....	3,024,463	108,919	158,480	160,987	84,315	480,006	169,061	75,471
1967.....	3,190,300	111,540	179,625	179,001	89,443	597,531	155,647	97,567
1968.....	3,062,067	88,872	175,713	146,781	82,372	594,428	136,855	100,415
1969.....	2,918,300	73,846	158,111	155,005	55,500	523,751	135,753	83,974
1970.....	2,875,604	76,164	153,534	161,053	62,425	479,118	151,778	83,360
1971.....	2,996,944	75,974	148,565	156,538	59,629	540,532	147,158	94,219
1972.....	3,681,826	98,810	188,505	196,517	76,920	643,869	190,239	110,899
1973.....	4,455,022	130,635	249,018	244,528	104,196	832,482	256,596	171,860
1974.....	5,959,092	182,301	394,993	354,436	162,786	1,093,207	407,652	254,921
1975.....	7,046,354	250,134	476,274	480,273	227,440	1,253,430	481,334	262,379
1976.....	7,525,216	266,660	478,322	516,847	224,013	1,435,307	508,250	233,656
1977.....	7,986,664	239,151	465,974	550,782	212,634	1,599,772	469,715	308,932
1978.....	7,829,004	203,617	462,419	522,416	206,125	1,815,631	533,738	356,008
1979.....	9,791,383	273,496	601,262	652,944	275,519	2,133,516	674,621	384,916
1980.....	9,587,399	251,133	573,311	691,663	273,725	2,264,562	757,687	349,203

Year	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Hog equipment	Other barn and baryard equipment
	<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>
1965.....	1,186,733	51,377	50,938	36,953	30,944	44,802	12,715	53,952
1966.....	1,445,017	67,822	55,260	43,022	30,426	61,419	19,155	65,103
1967.....	1,437,317	70,794	55,809	41,566	34,170	62,875	19,802	67,613
1968.....	1,407,706	67,206	53,484	40,097	33,123	47,004	21,023	66,988
1969.....	1,369,232	73,624	57,074	31,949	39,181	63,937	22,966	74,397
1970.....	1,322,642	68,609	52,258	34,792	41,555	72,708	30,983	82,305
1971.....	1,395,359	77,116	54,624	38,803	44,571	57,365	17,738	88,753
1972.....	1,700,407	103,793	61,049	51,979	60,543	62,859	25,990	109,447
1973.....	1,830,337	144,848	99,791	69,258	67,157	72,374	37,382	144,560
1974.....	2,321,889	186,204	139,287	91,952	80,309	76,154	45,480	167,521
1975.....	2,867,473	178,577	155,752	100,404	68,037	70,023	37,574	137,250
1976.....	3,044,640	173,130	158,848	87,611	77,087	100,472	59,793	160,580
1977.....	3,211,575	183,934	161,709	114,691	97,347	127,867	54,481	188,150
1978.....	3,203,157	247,779	197,931	157,168	108,920	159,452	95,266	251,587
1979.....	3,314,388	276,557	245,368	173,492	134,301	223,333	120,728	306,942
1980.....	3,103,880	258,765	250,764	144,619	143,766	176,411	65,663	282,247

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

Table 572.—Population: Total and farm, United States, April 1965-81

Year	Total population <sup>1</sup>	Farm population		Year	Total population <sup>1</sup>	Farm population	
		Number	Percentage of total			Number	Percentage of total
		<i>Thousands</i>	<i>Percent</i>			<i>Thousands</i>	<i>Percent</i>
Previous definition: <sup>2</sup>							
1965.....	193,709	12,363	6.4	1976.....	217,528	8,253	3.8
1966.....	195,999	11,595	5.9	1977.....	219,684	7,806	3.6
1967.....	198,206	10,875	5.5	1978.....	221,991	8,005	3.6
1968.....	200,208	10,454	5.2	1979.....	224,431	7,553	3.4
1969.....	202,161	10,307	5.1	1980.....	227,020	7,241	3.2
1970.....	204,401	9,712	4.8	1981.....	229,283	6,942	3.0
1971.....	207,065	9,425	4.6	Current definitions: <sup>3</sup>			
1972.....	209,386	9,610	4.6	1978.....	221,991	6,501	2.9
1973.....	211,420	9,472	4.5	1979.....	224,431	6,241	2.8
1974.....	213,361	9,264	4.3	1980.....	227,020	6,051	2.7
1975.....	215,359	8,864	4.1	1981.....	229,283	5,790	2.5

See footnotes on page 395.

**Table 573.—Farm labor: Number of unpaid <sup>1</sup> workers on farms, by States, standard Federal regions, and United States, 1980-81**

State and region	1980					1981	
	Jan.	Apr.	July	Oct.	Annual average <sup>2</sup>	Jan.	Apr.
	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons
Region I <sup>3</sup> .....	34	36	48	42	40	38	37
N.J.....	8	10	13	10	10	7	12
N.Y.....	43	60	76	56	59	55	60
Region II.....	51	70	89	66	69	62	72
Del.....	2.4	2.6	3.5	2.5	2.8	2.0	2.2
Md.....	18	18	19	20	19	22	17
Pa.....	83	72	100	80	84	69	81
Va.....	46	52	60	39	49	32	51
W. Va.....	19.7	16.9	23	25	21	24	20.3
Region III.....	169.1	161.5	205.5	166.5	175.8	149	171.5
Ala.....	37	37	57	56	47	53	59
Fla.....	23	27	28	27	26	30	34
Ga.....	34	41	53	50	45	39	56
Ky.....	76	68	93	72	77	56	78
Miss.....	31	30	43	40	36	33	21
N.C.....	73	92	114	87	92	65	111
S.C.....	21	26	31	32	28	27	32
Tenn.....	64	70	83	88	76	64	68
Region IV.....	359	391	502	452	427	367	459
Ill.....	86	125	117	125	113	96	109
Ind.....	60	65	82	82	72	69	76
Mich.....	55	57	79	62	63	57	56
Minn.....	148	123	182	175	157	110	155
Ohio.....	75	86	98	100	90	54	77
Wis.....	109	117	142	130	125	127	138
Region V.....	533	573	700	674	620	513	611
Ark.....	43	44	60	46	48	36	41
La.....	28	29	35	34	32	26	38
N. Mex.....	11	14	11	11	12	9	15
Okla.....	48	48	61	65	56	61	68
Tex.....	133	156	170	125	146	155	153
Region VI.....	263	291	337	281	294	287	315
Iowa.....	157	144	155	161	154	107	130
Kans.....	68	67	91	89	79	73	85
Mo.....	116	106	126	107	114	104	107
Nebr.....	77	66	88	77	77	64	60
Region VII.....	418	383	460	434	424	348	382
Colo.....	19	25	38	31	28	24	28
Mont.....	16	25	31	28	25	24	25
N. Dak.....	36	45	55	37	43	32	44
S. Dak.....	46	59	52	68	56	48	56
Utah.....	14	15	20	15	16	8	10
Wyo.....	6	6	8.5	6	6.6	10	6
Region VIII.....	137	175	204.5	185	174.6	146	169
Ariz.....	14	13	15	14	14	14	14
Calif.....	54	63	71	73	65	53	67
Hawaii.....	4.8	4.2	4.0	5.0	4.5	4.0	4.0
Nev.....	2.0	2.3	3.2	1.9	2.4	1.9	2.4
Region IX.....	74.8	82.5	93.2	93.9	85.9	72.9	87.4
Idaho.....	19	21	27	23	23	24	24
Oreg.....	23	29	45	40	34	42	38
Wash.....	31	42	40	28	35	20	37
Region X.....	31	92	112	91	92	86	99
U.S.....	2,111.9	2,255.0	2,751.2	2,485.4	2,402.3	2,068.9	2,402.9

See footnotes on page 395.

FARM EMPLOYMENT

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Table 574.—Farm labor: Number of hired workers <sup>1</sup> on farms, by States, standard Federal region, and United States, 1980-81

State and region	1980					1981	
	Jan.	Apr.	July	Oct.	Annual average <sup>2</sup>	Jan.	Apr.
	<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>
Region I <sup>3</sup> .....	27	35	47	41	38	24	34
N.J.....	6	9	20	10	11	6	10
N.Y.....	28	35	47	38	37	31	37
Region II.....	34	44	67	48	48	37	47
Del.....	1.8	2.5	2.6	1.8	2.2	1.4	2.5
Md.....	11	12	17	9	12	10	13
Pa.....	23	37	43	35	35	18	34
Va.....	18	25	27	35	26	14	30
W. Va.....	3.8	2.8	7.9	3.2	4.4	3.0	2.3
Region III.....	57.6	79.3	97.5	84	79.6	46.4	81.8
Ala.....	21	30	26	19	24	16	32
Fla.....	70	90	54	57	68	81	76
Ga.....	22	29	63	34	37	18	56
Ky.....	14	22	38	30	26	20	25
Miss.....	15	37	45	29	32	18	31
N.C.....	17	37	123	42	55	13	87
S.C.....	14	22	51	18	26	16	24
Tenn.....	21	25	37	15	25	18	17
Region IV.....	194	292	437	244	293	200	348
Ill.....	28	30	44	30	33	25	31
Ind.....	18	28	29	34	27	9	21
Mich.....	14	20	51	38	31	20	22
Minn.....	20	26	47	30	31	12	24
Ohio.....	25	25	44	25	30	16	18
Wis.....	44	57	61	57	55	49	36
Region V.....	149	186	276	214	207	131	152
Ark.....	20	25	38	32	29	16	23
La.....	11	19	22	31	21	16	29
N. Mex.....	8	11	9	7	8.8	7	10
Okla.....	12	14	20	21	17	12	28
Tex.....	59	72	105	72	77	71	74
Region VI.....	110	141	194	163	152.8	122	164
Iowa.....	28	26	61	35	38	23	27
Kans.....	20	21	29	31	25	23	31
Mo.....	16	20	33	32	25	18	23
Nebr.....	15	22	39	23	25	13	17
Region VII.....	79	89	162	121	113	77	98
Colo.....	12	17	27	20	19	13	16
Mont.....	9	10	11	6	9.0	9.6	10
N. Dak.....	5	7	13	12	9.3	4	11
S. Dak.....	6	8	10	8	8.0	7	8
Utah.....	4	4	8	8	6.0	3	5
Wyo.....	5	4	8	6	5.8	4	4
Region VIII.....	41	50	77	60	57.1	40.6	54
Ariz.....	11	15	16	13	14	15	12
Calif.....	160	171	258	198	197	167	175
Hawaii.....	9.3	9.7	12.2	11	11	9.7	11.3
Nev.....	1.7	2.4	2.7	3.0	2.5	1.9	2.5
Region IX.....	182.0	198.1	288.9	225	224.5	193.6	200.8
Idaho.....	13	11	25	31	20	12	22
Oreg.....	10	21	52	19	26	15	20
Wash.....	13	40	68	56	44	30	38
Region X.....	36	72	145	106	90	57	80
U.S.....	909.6	1,186.4	1,791.4	1,306.0	1,303.0	928.6	1,259.6

See footnotes on page 395.

**Table 575.—Farm labor: Number of workers on farms, average wage rates, and indexes, United States, 1971-81 <sup>1</sup>**

Year	Total workers		Family workers <sup>2</sup>		Hired workers <sup>3</sup>		Hired farm workers <sup>3</sup>	
	Number of workers	Index 1977=100	Number of workers	Index 1977=100	Number of workers	Index 1977=100	Wage rates	Index 1977=100
1971.....	4,436.3	106	3,275.1	114	1,161.2	89	1.48	52
1972.....	4,373.4	105	3,227.7	113	1,145.7	88	1.58	55
1973.....	4,336.7	104	3,169.0	111	1,167.7	89	1.73	60
1974.....	4,388.9	105	3,074.7	107	1,314.2	101	2.25	78
1975.....	4,342.1	104	3,025.5	106	1,316.6	101	2.43	85
1976.....	4,373.9	105	2,997.2	105	1,376.7	105	2.66	93
1977.....	4,169.9	100	2,863.0	100	1,306.9	100	2.87	100
Jan.....	3,229.7	100	2,412.4	100	817.3	100	2.96	100
Apr.....	4,126.4	100	2,969.1	100	1,157.3	100	2.82	100
July.....	5,059.5	100	3,186.9	100	1,872.6	100	2.77	100
Oct.....	4,155.9	100	2,839.1	100	1,316.8	100	2.99	100
1978 <sup>4</sup> .....	3,956.6	95	2,688.9	94	1,267.7	97	3.09	108
Jan.....	3,009.5	93	2,245.2	93	764.3	94	3.18	107
Apr.....	3,688.5	89	2,593.4	87	1,095.1	95	3.09	110
July.....	4,967.8	98	3,119.8	98	1,848.0	99	2.94	106
Oct.....	4,080.0	98	2,762.6	97	1,317.4	100	3.19	107
1979.....	3,774.2	91	2,501.2	87	1,273.0	97	3.39	118
Jan.....	2,996.5	93	2,198.7	91	797.8	98	3.38	114
Apr.....	3,480.6	84	2,424.4	82	1,056.2	91	3.40	121
July.....	4,639.3	92	2,831.9	89	1,807.4	97	3.23	117
Oct.....	3,943.5	95	2,525.1	89	1,418.4	108	3.57	119
1980.....	3,705.3	89	2,402.3	84	1,303.0	100	3.66	128
Jan.....	3,021.5	94	2,111.9	88	909.6	111	3.69	125
Apr.....	3,441.4	83	2,255.0	76	1,186.4	103	3.61	128
July.....	4,542.6	90	2,751.2	86	1,791.4	96	3.54	128
Oct.....	3,791.4	91	2,485.4	88	1,306.0	99	3.85	129
1981.....								
Jan.....	2,997.5	93	2,068.9	86	928.6	114	4.12	139
Apr.....	3,662.5	89	2,402.9	81	1,259.6	109	3.92	139

<sup>1</sup>Through 1973 arithmetic means of monthly estimates of persons employed during last full calendar week ending at least one day before the end of the month. Beginning 1974, annual averages are the straight averages of the quarterly Multiple Frame Labor Surveys which cover the weeks that include the twelfth of January, April, July, and October. <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 during the survey week. <sup>4</sup>Hawaii included in U.S. averages beginning 1978.

Statistical Reporting Service.



**Table 576.—Migratory farm workers: Number and sex of workers, average days worked and earnings received, United States, selected years 1965-81 <sup>1</sup>**

Year	All migratory farm workers			Migratory workers with 25 days or more of hired farm work				
	Total	Male	Female	Number of workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm work
	Thousands	Thousands	Thousands	Thousands	Days	Days	Dollars	Dollars
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
1970.....	196	161	35	135	148	123	2,007	1,697
1971.....	172	142	30	117	142	111	1,830	1,407
1972.....	184	133	51	138	158	124	2,434	1,814
1973.....	203	170	34	146	177	138	2,873	2,276
1974.....	209	179	30	141	149	111	3,102	2,423
1975.....	188	143	45	143	170	122	3,522	2,586
1976.....	213	153	60	147	166	114	3,709	2,551
1977.....	191	152	38	152	165	120	3,839	2,791
1978 <sup>2</sup> .....								
1979.....	217	165	52	161	180	115	5,004	2,996
1980 <sup>2</sup> .....								
1981.....	115	96	20	91	167	138	4,271	3,361

<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 who did migratory farm work at some time during the year. Migratory workers are those who leave their homes temporarily overnight to do farm work in another county or State. 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>Survey data not collected in 1978 and 1980.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

**Table 577.—Workers who did only hired farm work: Number of workers, average days worked and earnings received, United States, selected years 1965-81 <sup>1</sup>**

Year	Workers who did 25 days or more of hired farm work			Year	Workers who did 25 days or more of hired farm work		
	Total	Average days worked	Average earnings received during year		Total	Average days worked	Average earnings received during year
1965.....	1,284	155	1,208	1973.....	1,072	175	2,645
1966.....	1,067	159	1,374	1974.....	1,073	166	2,814
1967.....	1,213	204	1,992	1975.....	972	171	3,082
1968.....	1,105	154	1,659	1976.....	1,068	160	3,176
1969.....	989	149	1,629	1977.....	1,133	170	3,592
1970.....	925	157	1,685	1978 <sup>2</sup> .....			
1971.....	929	156	1,843	1979.....	1,168	169	4,126
1972.....	1,109	161	2,182	1980 <sup>2</sup> .....			
				1981.....	1,035	179	4,986

<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 who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 575 which gives an annual average of quarterly estimates of jobs on farms. <sup>2</sup>Survey data not collected in 1978 and 1980.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

**Table 578.—All hired farm workers: Number and sex of workers, average days worked and earnings received, United States, selected year 1965-81<sup>1</sup>**

Year	All hired farm workers			Workers with 25 days or more of hired farm work during the year				
	Total	Male	Female	Number of hired farm workers	Average days worked		Average earnings received during year	
					At farm and nonfarm work	At farm work	At farm and nonfarm work	At farm 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>
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
1970.....	2,488	1,889	599	1,394	170	137	2,044	1,519
1971.....	2,550	1,944	606	1,359	168	135	2,150	1,576
1972.....	2,809	2,169	641	1,679	176	141	2,491	1,877
1973.....	2,671	2,115	555	1,585	188	154	2,942	2,303
1974.....	2,737	2,165	572	1,568	178	145	3,051	2,433
1975.....	2,638	2,036	602	1,458	179	146	3,274	2,584
1976.....	2,767	2,086	681	1,622	174	139	3,516	2,714
1977.....	2,730	2,092	638	1,675	182	146	3,973	3,018
1978 <sup>2</sup> .....								
1979.....	2,652	2,075	576	1,753	190	150	4,883	3,605
1980 <sup>2</sup> .....								
1981.....	2,492	1,918	574	1,523	188	154	5,281	4,214

<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 who performed hired farm work at some time during the year. This series differs from the hired workers series shown in table 575 which gives an annual average of quarterly estimates of jobs on farms.

<sup>2</sup>Survey data not collected in 1978 and 1980.

Economic Research Service. Based on data from an enumerative sample survey made by the Bureau of the Census, U.S. Department of Commerce for the Economic Research Service.

#### FOOTNOTES FOR TABLE 579

<sup>1</sup>Annual averages are derived by weighting quarterly wage rates by number of hours worked. Perquisites such as room and board, housing, etc. are provided some workers in addition to wage rates shown.

<sup>2</sup>Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

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Table 579.—Farm wage rates: Average hourly rates for all hired workers, by States, standard Federal regions, and United States, 1980-81

State and region	1980					1981	
	Jan.	Apr.	July	Oct.	Annual average <sup>1</sup>	Jan.	Apr.
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Region I <sup>2</sup> .....	3.21	3.17	3.00	3.20	3.13	3.34	3.31
N.J.....	3.65	3.59	3.60	3.85	3.66	4.25	3.68
N.Y.....	3.10	2.95	2.86	3.54	3.08	3.69	3.26
Region II.....	3.22	3.05	3.07	3.60	3.20	3.77	3.35
Del.....	3.26	3.38	3.74	3.85	3.56	3.84	4.12
Md.....	3.20	3.34	3.65	3.70	3.48	3.83	3.93
Pa.....	3.45	3.52	3.11	3.70	3.44	3.73	3.66
Va.....	3.25	3.21	3.14	3.57	3.30	3.74	3.53
W. Va.....	2.80	3.07	2.60	3.30	2.85	3.37	3.33
Region III.....	3.28	3.35	3.19	3.64	3.37	3.74	3.68
Ala.....	3.30	3.43	3.39	3.57	3.42	3.74	3.72
Fla.....	4.25	4.33	3.97	4.13	4.19	4.49	4.41
Ga.....	3.30	3.16	3.05	3.09	3.12	3.42	3.67
Ky.....	2.88	3.08	3.22	3.35	3.19	3.71	3.57
Miss.....	3.74	3.44	3.25	3.33	3.35	4.10	3.67
N.C.....	3.35	3.07	2.98	3.46	3.13	3.77	3.24
S.C.....	3.48	3.24	2.95	3.10	3.10	3.45	3.16
Tenn.....	3.14	3.38	3.24	3.20	3.24	3.63	3.59
Region IV.....	3.63	3.61	3.24	3.51	3.46	4.01	3.73
Ill.....	3.67	3.67	3.88	3.82	3.77	4.33	4.14
Ind.....	3.74	3.48	3.34	3.70	3.56	4.14	4.05
Mich.....	3.82	3.89	3.65	4.00	3.82	4.25	4.38
Minn.....	3.20	3.57	3.38	3.68	3.48	3.36	3.45
Ohio.....	3.53	3.75	3.67	3.70	3.66	4.04	4.35
Wis.....	2.76	2.89	2.86	3.00	2.89	2.83	3.38
Region V.....	3.35	3.39	3.41	3.58	3.45	3.57	3.89
Ark.....	3.58	3.56	3.26	3.51	3.45	3.76	3.73
La.....	3.73	3.34	3.41	3.45	3.45	3.73	3.52
N. Mex.....	3.21	3.08	2.92	3.39	3.11	3.49	3.71
Okla.....	3.65	3.63	3.76	3.66	3.69	4.04	3.52
Tex.....	3.47	3.36	3.08	3.36	3.28	3.90	3.84
Region VI.....	3.51	3.39	3.21	3.45	3.37	3.85	3.71
Iowa.....	3.60	3.40	3.65	3.75	3.62	3.75	3.95
Kans.....	3.93	3.72	3.70	3.77	3.76	4.10	3.89
Mo.....	3.29	3.51	3.41	3.90	3.57	3.77	3.81
Nebr.....	3.55	3.57	3.55	3.37	3.50	3.97	3.98
Region VII.....	3.64	3.55	3.60	3.68	3.62	3.91	3.90
Colo.....	3.47	3.32	3.30	3.80	3.46	3.67	3.46
Mont.....	3.25	3.14	2.67	3.17	3.03	3.52	3.14
N. Dak.....	3.75	3.77	3.73	4.19	3.87	3.68	4.13
S. Dak.....	2.99	2.75	3.09	3.34	3.02	3.56	3.34
Utah.....	3.76	4.13	3.88	3.94	3.92	3.90	3.80
Wyo.....	3.72	3.19	2.83	3.20	3.12	3.28	3.13
Region VIII.....	3.45	3.24	3.27	3.72	3.41	3.59	3.55
Ariz.....	3.59	3.52	3.68	3.65	3.61	4.05	4.10
Calif.....	4.46	4.27	4.42	4.89	4.51	4.98	4.70
Hawaii.....	5.23	5.70	5.48	5.83	5.58	5.85	6.00
Nev.....	3.07	3.20	3.09	3.22	3.16	3.52	3.24
Region IX.....	4.41	4.24	4.40	4.82	4.47	4.90	4.69
Idaho.....	3.72	3.49	3.49	3.86	3.66	4.00	3.85
Oreg.....	3.86	3.89	3.58	3.68	3.69	4.47	4.18
Wash.....	4.41	4.16	3.86	4.96	4.30	4.69	4.41
Region X.....	4.00	3.98	3.69	4.36	3.98	4.45	4.17
U.S.....	3.69	3.61	3.54	3.85	3.66	4.12	3.92

See footnotes on page 402.

Table 580.—Crops: Area, yield, production, and value, United States, 1979-81 <sup>1</sup>

Crop	Area harvested			Yield per harvested acre				Production			Value of production		
	1979	1980	1981 <sup>2</sup>	Unit	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>	1,000 dollars	1,000 dollars	1,000 dollars
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>					<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			
Corn for grain .....	72,400	73,030	74,624	Bushel.....	109.7	91.0	109.9	7,938,819	6,644,841	8,200,951	19,904,013	20,571,244	20,000,805
Corn for forage.....	388	584	372										
Corn for silage.....	7,995	9,241	8,211	Ton.....	14.4	12.0	14.1	114,860	110,973	116,183			
Wheat, all.....	<sup>3</sup> 62,454	<sup>3</sup> 70,984	<sup>3</sup> 80,948	Bushel.....	34.2	33.4	34.5	2,134,060	2,374,306	2,793,436	8,070,378	9,277,608	10,225,881
Winter.....	<sup>4</sup> 43,427	<sup>4</sup> 51,494	<sup>4</sup> 58,589	do.....	36.9	36.8	35.8	1,601,234	1,895,383	2,098,719	6,075,553	7,692,782	7,692,431
Durum.....	3,932	4,840	5,755	do.....	27.1	22.4	32.3	106,654	108,395	185,940	463,847	549,261	674,804
Other spring.....	15,095	14,650	16,604	do.....	28.2	25.3	30.6	426,172	370,528	508,777	1,530,978	1,467,565	1,858,646
Oats.....	<sup>3</sup> 9,679	<sup>3</sup> 8,652	<sup>3</sup> 9,411	do.....	54.4	53.0	54.0	526,551	458,263	508,083	713,593	811,833	932,611
Barley.....	<sup>3</sup> 7,522	<sup>3</sup> 7,275	<sup>3</sup> 9,151	do.....	50.9	49.6	52.3	382,798	360,956	478,301	871,607	1,022,030	1,168,659
Rye.....	<sup>4</sup> 869	<sup>4</sup> 675	<sup>4</sup> 697	do.....	25.8	24.4	26.7	22,389	16,483	18,621	47,020	43,377	54,617
Flaxseed.....	878	683	617	do.....	13.7	11.6	12.6	12,014	7,928	7,799	17,627	57,051	52,521
Rice.....	2,869.0	3,312.0	3,804.0	Cwt.....	<sup>4</sup> 4,599	<sup>4</sup> 4,413	<sup>4</sup> 4,873	131,947	146,150	185,370	1,383,993	1,873,007	1,783,258
Sorghum for grain.....	12,901	12,522	13,726	Bushel.....	62.7	46.3	64.1	808,862	579,197	880,266	1,879,823	1,696,008	2,032,034
Sorghum for forage.....	1,211	1,410	1,081										
Sorghum for silage.....	764	732	757	Ton.....	11.8	9.6	12.1	9,015	7,002	9,139			
Cotton lint.....	12,830.9	13,214.8	13,841.2	Bale.....	<sup>5</sup> 547	<sup>5</sup> 404	<sup>5</sup> 543	14,629.3	11,122.1	15,645.7	4,391,378	3,986,678	4,109,069
Cottonseed.....				Ton.....				5,778.3	4,470.5	6,396.9	697,617	573,928	559,346
Hay, all.....	61,666	59,362	60,212	Ton.....	2.40	2.21	2.38	147,847	131,027	143,105	7,362,597	8,103,989	9,211,532
Beans, dry edible.....	1,383.7	1,821.0	2,201.0	Cwt <sup>6</sup> .....	<sup>5</sup> 1,480	<sup>5</sup> 1,449	<sup>5</sup> 1,445	20,476	26,395	31,814	466,228	738,872	722,125
Soybeans for beans.....	70,566	67,856	66,688	Bushel.....	32.1	26.4	30.4	2,267,901	1,792,062	2,030,452	14,250,214	13,559,595	12,943,174
Peanuts for nuts.....	1,519.7	1,398.8	1,493.3	Pound.....	2.611	1.645	2.668	3,968,485	2,301,282	3,984,653	819,276	578,292	1,069,592
Potatoes.....	1,270.3	1,154.4	1,231.6	Cwt.....	270	262	271	342,497	302,857	333,682	1,172,123	1,978,956	1,786,281
Sunflowers.....	5,410	3,683	3,811	Pound.....	1,349	1,016	1,177	7,296,110	3,741,640	4,487,410	659,962	413,907	492,492
Sweetpotatoes.....	114.2	102.2	109.3	Cwt.....	117	107	115	13,370	10,953	12,622	119,093	148,359	173,100
Toro.....	<sup>4</sup>	<sup>3</sup>	<sup>3</sup>	Pound.....	16,600	20,000	17,900	6,440	6,400	6,100	1,089	1,280	1,330
Tobacco.....	827.2	920.5	973.7	do.....	1,845	1,940	2,116	1,526,549	1,786,192	2,060,236	2,153,958	2,720,652	3,514,259
Sugarcane for sugar and seed.....	732.7	732.7	753.5	Ton.....	36.2	36.8	39.6	26,532	26,963	29,846	690,544	1,035,990	n.a.
Sugarbeets.....	1,119.7	1,189.5	1,229.8	Ton.....	19.6	19.8	22.2	21,996	27,271	27,271	745,273	1,108,974	n.a.
Hops.....	31.8	37.1	43.1	Pound.....	1,727	2,037	1,836	54,929	75,560	79,144	53,614	114,194	120,211
Apples, commercial crop.....				do.....				8,118,200	8,810,400	7,695,900	883,384	762,509	864,501
Peaches.....				do.....				2,846,700	2,965,100	2,657,800	331,282	368,598	353,577
Pears.....				Ton.....				854	896	889	174,295	175,808	165,233
Grapes.....				Ton.....				4,989	5,595	4,457	1,179,238	1,339,855	1,323,307
Cherries.....				Ton.....				267	274	213	189,717	135,537	159,487
Apricots.....				Ton.....				144	129	89	39,341	37,505	27,792
Plums (California).....				Ton.....				175	160	198	48,475	71,840	61,028
Prunes, dried (California).....				Ton.....				136	168	160	110,432	114,744	103,827
Prunes and plums, fresh basis (excluding California).....				Ton.....				62	79	64	12,934	14,044	8,778
Figs <sup>7</sup> .....				Ton.....				39	45	38	15,759	13,888	12,423
Nectarines.....				Ton.....				172	191	182	33,884	44,121	41,678
Olives.....				Ton.....				62	109	43	25,296	40,112	28,896
Dates.....				Ton.....				21	22	22	10,948	14,204	14,541

Avocados <sup>8</sup> .....				Ton.....					102	269	176	128,498	99,593	15,010
Bananas.....	.6	.6	.7	Pound.....	8,800	7,900	9,200	5,550	4,600	6,000	1,138	1,138	1,099	1,542
Papayas.....	2.2	2.0	2.1	do.....	18,600	25,100	44,500	41,015	48,916	63,600	9,515	9,515	9,964	12,326
Pineapples.....	44.0	43.0	41.0	Ton.....	n.a	n.a	n.a	681,000	657,000	636,000	69,462	69,462	76,596	89,745
Pomegranates.....				Ton.....				9	12	8	2,786	2,786	3,108	2,272
Cranberries.....	23.2	23.2	23.2	Barrel.....	106.7	116.3	115.1	2,476	2,698	2,664	66,039	66,039	89,462	88,363
Strawberries.....	36.3	35.7	36.6	Cwt.....	176	197	202	6,383	7,017	7,397	246,850	246,850	288,776	310,267
Oranges <sup>9</sup> .....				Box.....				210,600	273,630	245,580	1,296,044	1,296,044	1,327,708	1,361,396
Grapefruit <sup>9</sup> .....				Box.....				67,380	73,200	67,860	231,616	231,616	302,683	323,901
Lemons <sup>9</sup> .....				Box.....				19,600	20,750	31,800	134,573	134,573	168,399	124,250
Limes <sup>9</sup> .....				Box.....				720	1,100	1,200	11,635	11,635	13,805	13,320
Tangerines.....				Box.....				5,400	6,300	5,560	43,560	43,560	36,577	34,917
Tangelos.....				Box.....				4,200	6,400	4,900	23,310	23,310	29,056	24,647
Templets.....				Box.....				4,700	6,000	3,600	30,503	30,503	27,420	20,808
Pecans.....				Pound.....				210,600	183,500	339,100	16,663	16,663	143,269	184,842
Walnuts.....				Ton.....				208,000	197,000	225,000	176,176	176,176	184,392	224,325
Almonds.....				Pound.....				376,000	322,000	407,000	575,280	575,280	473,340	288,970
Filberts.....				Ton.....				13	15	15	12,369	12,369	17,740	11,550
Macadamia nuts.....				Pound.....				26,660	33,390	33,360	16,769	16,769	24,174	26,454
Coffee.....	1.8	1.7	1.7	do.....	1,220	850	1,320	2,190	1,440	2,240	3,132	3,132	2,304	4,480
Commercial vegetables:														
Beans, snap <sup>10</sup> .....	285.4	255.7	218.2	Ton.....	2.69	2.75	3.08	769.1	704.2	671.6	117,869	117,869	110,034	112,320
Broccoli.....	70.9	77.9	81.0	Cwt.....	89	87	92	6,301	6,753	7,470	120,913	120,913	144,613	173,542
Carrots.....	78.2	72.5	74.5	Cwt.....	269	270	279	21,014	19,539	20,777	145,052	145,052	161,905	183,011
Cauliflower.....	42.8	43.3	44.1	Cwt.....	96	98	111	4,117	4,255	4,902	81,121	81,121	95,762	118,570
Celery.....	35.7	37.3	36.5	Cwt.....	493	501	497	17,603	18,655	18,156	161,042	161,042	169,896	201,424
Corn, sweet <sup>11</sup> .....	596.0	552.9	576.1	Ton.....	5.30	5.16	5.28	3,160.4	2,853.6	3,044.5	264,126	265,093	265,093	307,833
Honeydew melons.....	20.5	17.7	19.1	Cwt.....	170	180	191	3,477	3,180	3,649	37,761	37,761	42,864	58,187
Lettuce.....	245.9	242.6	229.7	Cwt.....	249	261	273	61,310	63,214	62,722	566,073	566,073	564,364	621,658
Onions.....	123.9	113.0	111.6	Cwt.....	312	296	316	38,602	33,476	35,242	287,432	287,432	346,539	472,106
Peas, green <sup>10</sup> .....	392.3	321.7	295.1	Ton.....	1.56	1.51	1.57	613.4	484.2	463.5	129,090	129,090	101,392	101,017
Tomatoes <sup>11</sup> .....	437.5	389.5	382.3	Ton.....	19.42	19.21	18.28	8,496.0	7,481.3	6,988.8	1,020,958	1,020,958	911,077	934,894

<sup>1</sup> Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes area seeded in preceding fall.

<sup>4</sup> Area seeded in preceding fall.

<sup>5</sup> Yield in pounds.

<sup>6</sup> Clean Basis.

<sup>7</sup> Fresh basis.

<sup>8</sup> Year of bloom.

<sup>9</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.

<sup>10</sup> Processing only.

<sup>11</sup> For breakdown between fresh market and processing, see individual crop tables.

n.a. not available.

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Table 581.—Crops: Area, United States, 1965-81

Year	Principal crops				Field seeds, harvested area <sup>5</sup>	Commercial vegetables, harvested area <sup>6</sup>	Fruits and planted nuts, bearing area <sup>7</sup>
	Harvested area			Planted area total <sup>4</sup>			
	Feed grains <sup>1</sup>	Food grains <sup>2</sup>	Total <sup>3</sup>				
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1965.....	96,109	52,826	287,758	297,215	2,405.0	3,286.9	2,837.0
1966.....	97,942	52,856	283,511	293,062	2,414.0	3,417.3	2,870.1
1967.....	101,022	61,386	295,447	305,781	1,871.7	3,567.5	2,928.6
1968.....	97,310	58,114	289,668	299,384	1,861.2	3,637.1	2,983.8
1969.....	95,539	50,565	280,586	291,153	1,845.1	3,329.4	3,060.1
1970.....	99,232	46,806	283,096	293,211	2,085.9	3,204.8	3,103.4
1971.....	106,074	51,254	295,056	305,830	1,800.6	3,168.4	3,164.7
1972.....	93,780	50,171	282,976	294,609	1,508.4	3,232.6	3,218.3
1973.....	101,908	57,273	310,241	318,682	1,770.1	3,363.6	3,259.8
1974.....	99,752	68,683	316,342	326,495	1,714.0	3,333.4	3,328.0
1975.....	104,683	73,045	324,453	332,661	1,589.3	3,416.6	3,386.7
1976.....	106,245	74,126	325,657	336,436	1,539.2	3,202.0	3,448.6
1977.....	108,624	69,612	333,604	345,207	1,576.7	3,217.0	3,496.7
1978.....	104,509	60,391	326,766	336,787	1,883.7	3,255.3	3,532.0
1979.....	102,502	66,192	337,686	346,756	1,600.1	3,289.0	3,541.2
1980.....	101,479	74,971	340,893	356,544	1,444.9	3,038.7	3,582.1
1981.....	106,912	85,449	356,265	365,235	1,402.9	2,959.5	3,535.8

<sup>1</sup>Corn for grain, oats, barley, and sorghum for grain. <sup>2</sup>Wheat, rye, and rice. <sup>3</sup>Crop area included is for corn, sorghum, oats, barley, wheat, rice, rye, soybeans, flaxseed, peanuts, sunflowers (beginning 1975), popcorn, cotton, all hay, dry edible beans, dry edible peas, potatoes, sweetpotatoes, tobacco, sugarcane, and sugarbets. <sup>4</sup>Crop area included is as follows: Planted acres for corn, sorghum, oats, barley, durum and other spring wheat, rice, soybeans, flaxseed, peanuts, sunflower (beginning 1975), popcorn, cotton, dry edible beans, dry edible peas, potatoes, sweetpotatoes, and sugarbets; harvested acres for winter wheat, rye, all hay, tobacco and sugarcane. <sup>5</sup>Includes alfalfa, red clover, ladino clover, lespedeza, timothy, orchardgrass, Ky. bluegrass, chewing fescue, red fescue, tall fescue, bentgrass, crimson clover, hairy vetch, and all ryegrass. <sup>6</sup>Area for fresh market is area for harvest, including any partially harvested or not harvested because of low prices or other economic factors. Area for processing is area harvested. <sup>7</sup>Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, lemons, grapefruit, lemons, limes and tangelos (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, berries, nectarines, figs, kiwifruit (beginning 1980), olives, avocados, dates, persimmons (prior to 1978), pineapples and pomegranates; nuts—walnuts, almonds, filberts, macadamias, and pistachios (beginning 1977).

Statistical Reporting Service.

Table 582.—Harvested crops: Area required for specified purposes, United States, 1965-81

Year	Crops har- vested <sup>1</sup>	Area used for producing—			Total popula- tion July 1 <sup>3</sup>	Year	Crops har- vested <sup>1</sup>	Area used for producing—			Total popula- tion July 1 <sup>3</sup>
		Export prod- ucts <sup>2</sup>	Products for domestic use					Export prod- ucts <sup>2</sup>	Products for domestic use		
			Total	Per capita					Total	Per capita	
	Million acres	Million acres	Million acres	Acres	Mil- lions		Million acres	Million acres	Million acres	Acres	Mil- lions
1965.....	298	76	222	1.14	194	1974.....	328	99	229	1.07	214
1966.....	294	69	225	1.14	197	1975.....	336	100	236	1.09	216
1967.....	306	69	237	1.19	199	1976.....	337	97	240	1.10	218
1968.....	300	54	246	1.22	201	1977.....	345	112	233	1.06	220
1969.....	290	61	229	1.13	203	1978.....	338	114	224	1.00	223
1970.....	293	72	221	1.08	205	1979.....	349	125	224	1.00	225
1971.....	305	62	243	1.17	208	1980.....	352	138	214	.94	228
1972.....	294	91	203	.97	210	1981 <sup>4</sup> .....	367	136	231	1.00	230
1973.....	321	96	225	1.06	212						

<sup>1</sup>Area in principal crops harvested as reported by The Crop Reporting Board, SRS, plus area in vegetables, fruits, tree nuts, and farm gardens.

<sup>2</sup>Area for exports relate to exports for year beginning July 1. Area includes seeds for crops and feed for livestock that are exported.

<sup>3</sup>Includes persons in our military forces in this country and abroad.

<sup>4</sup>Preliminary.

Economic Research Service.

**Table 583.—Total farm input: Index numbers of farm input by major subgroups, United States, 1965-81**

[1967 = 100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Agricultural chemicals <sup>1</sup>	Feed, seed, and livestock purchases <sup>2</sup>	Taxes and interest	Miscellaneous
1965.....	98	110	99	94	75	93	100	109
1966.....	98	103	99	96	85	97	100	104
1967.....	100	100	100	100	100	100	100	100
1968.....	100	97	99	101	105	97	100	106
1969.....	99	93	98	101	111	101	100	105
1970.....	100	89	101	100	115	104	100	109
1971.....	100	86	99	102	124	111	99	108
1972.....	100	82	98	101	131	113	100	115
1973.....	101	80	97	105	136	116	100	111
1974.....	100	78	95	109	140	107	101	110
1975.....	100	76	96	113	127	101	101	104
1976.....	103	73	97	116	145	110	101	113
1977.....	105	71	99	120	154	112	100	128
1978.....	105	67	97	126	161	115	93	135
1979.....	108	66	96	130	184	120	92	145
1980 <sup>3</sup> .....	106	65	96	128	174	119	96	117
1981 <sup>4</sup> .....	106	64	97	127	175	120	96	125

<sup>1</sup>Includes fertilizer, lime, and pesticides. <sup>2</sup>Nonfarm portion of feed, seed, and livestock purchases. <sup>3</sup>Preliminary. <sup>4</sup>Estimated.  
Economic Research Service.

**Table 584.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1965-81**

[1967 = 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	To-bacco	Oil crops <sup>13</sup>
1965.....	98	95	92	104	90	99	88	98	88	96	100	100	205	94	95
1966.....	95	97	96	101	96	95	89	97	88	97	98	100	130	96	97
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	102	100	101	99	98	103	95	99	106	104	98	113	148	87	114
1969.....	102	101	102	98	100	104	99	100	98	101	116	115	137	91	116
1970.....	101	105	108	99	105	100	89	100	91	98	110	114	139	97	117
1971.....	110	106	109	101	106	112	116	105	107	98	118	116	145	86	121
1972.....	110	107	109	102	109	113	112	104	102	99	106	127	187	88	131
1973.....	112	105	108	98	106	119	115	109	114	100	126	112	175	88	155
1974.....	106	106	110	99	106	110	93	104	120	102	128	104	158	101	127
1975.....	114	101	102	98	103	121	114	108	142	101	137	130	112	110	153
1976.....	117	105	105	103	110	121	120	102	141	101	136	128	142	108	132
1977.....	119	106	105	105	112	129	126	107	132	104	136	116	191	98	175
1978.....	122	106	104	104	118	131	135	113	125	107	138	116	145	102	182
1979.....	129	109	106	105	127	144	148	117	144	110	145	107	194	77	219
1980.....	122	113	111	110	128	131	123	107	157	105	164	114	150	90	171
1981 <sup>14</sup> .....	134	115	112	113	132	152	154	116	188	111	155	127	211	104	199

<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 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, 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 are based on year of bloom. <sup>12</sup>Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup. <sup>13</sup>Soybeans, peanuts harvested for nuts, cottonseed, and flaxseed. <sup>14</sup>Preliminary.  
Economic Research Service.

**Table 585.—Livestock and livestock products: Production and value, United States 1979–81**

Product	Production <sup>1</sup>			Value of production		
	1979	1980	1981 <sup>2</sup>	1979	1980	1981 <sup>2</sup>
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Cattle and calves .....	38,419,977	40,132,896	40,855,045	25,993,723	25,364,580	23,472,653
Sheep and lambs .....	709,027	743,867	771,335	410,053	401,450	357,915
Hogs .....	22,595,365	23,351,909	21,821,012	9,415,569	8,846,562	9,536,700
Chickens <sup>3</sup> .....	16,669,366	16,710,734	17,699,085	4,192,033	4,432,544	4,830,260
Turkeys <sup>4</sup> .....	2,957,612	3,068,508	3,260,462	1,214,357	1,268,301	1,246,313
Milk .....	123,411,000	128,525,000	132,634,000	14,949,279	16,890,254	18,398,170
Wool (shorn) .....	104,860	105,367	109,753	90,531	92,799	103,744
Mohair <sup>5</sup> .....	9,300	8,800	7,700	47,430	30,800	33,950
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>			
Eggs .....	69,209,000	69,684,000	69,603,000	3,359,872	3,267,726	3,662,733

<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.

<sup>4</sup>Turkey production and value estimates do not include an adjustment for changes in inventory.

<sup>5</sup>Texas only.

Statistical Reporting Service.

**Table 586.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1965–81**

[1967 = 100]

Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>
1965 .....	100	1971 .....	110	1977 .....	114
1966 .....	97	1972 .....	110	1978 .....	116
1967 .....	100	1973 .....	111	1979 .....	119
1968 .....	102	1974 .....	105	1980 <sup>2</sup> .....	115
1969 .....	103	1975 .....	115	1981 <sup>3</sup> .....	126
1970 .....	102	1976 .....	115		

<sup>1</sup>Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 589 by the index of total input in table 583.

<sup>2</sup>Preliminary.

<sup>3</sup>Estimated.

Economic Research Service.

FOOTNOTES FOR TABLE 590

<sup>1</sup>Cropland used for crops is the sum of the area of land from which one or more crops were harvested plus area of crop failure and summer fallow. For States included in regions, see footnote 1, table 627.

<sup>2</sup>Preliminary.

Economic Research Service.



Table 587.—Labor: Indexes of farm production per hour, by farming regions, 1965-81

[1977=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pa-cific	United States
1965.....	54	41	47	57	51	59	46	55	60	64	52
1966.....	53	45	49	61	52	57	52	56	62	65	53
1967.....	61	48	53	62	59	66	50	55	66	67	58
1968.....	61	52	56	67	62	65	59	63	69	71	62
1969.....	66	54	58	74	67	69	58	59	70	72	63
1970.....	71	58	58	70	72	73	64	62	75	76	66
1971.....	75	64	71	82	79	84	69	60	80	79	74
1972.....	75	67	74	87	86	87	73	69	84	84	78
1973.....	80	72	76	88	89	89	77	81	85	83	81
1974.....	85	70	70	77	90	96	77	71	90	90	79
1975.....	90	78	87	87	93	102	86	83	97	96	89
1976.....	98	77	93	85	101	108	91	90	104	103	94
1977.....	100	100	100	100	100	100	100	100	100	100	100
1978.....	115	106	111	109	111	116	109	96	114	104	109
1979.....	118	114	124	122	116	130	123	111	111	111	119
1980.....	119	119	117	104	110	111	100	98	120	120	112
1981 <sup>1</sup> .....	139	134	132	127	130	136	124	118	128	126	129

<sup>1</sup>Preliminary.  
Economic Research Service.

Table 588.—Labor: Indexes of farm production per hour used for farm work, by enterprise groups, United States, 1965-81

[1977=100]

Year	Livestock and products					Crops									
	Farm out-put	All live-stock and prod-ucts	Meat ani-mals	Milk cows	Poul-try	All crops	Feed grains	Hay and for-age	Food grains	Vegeta-bles	Fruits and nuts	Sugar crops	Cot-ton	To-bacco	Oil crops
1965.....	52	45	51	39	40	56	52	60	79	79	76	58	23	51	59
1966.....	53	49	54	42	43	59	53	65	81	81	79	60	23	55	59
1967.....	58	53	58	45	46	63	57	70	78	82	77	66	23	62	56
1968.....	62	55	60	48	48	66	58	72	84	86	78	74	30	63	63
1969.....	63	59	62	53	52	68	62	74	89	91	83	76	28	68	64
1970.....	66	64	67	57	55	70	62	74	93	91	84	79	31	79	72
1971.....	74	68	70	62	59	79	78	78	101	94	87	85	34	83	76
1972.....	78	73	75	66	66	84	87	83	96	96	84	89	43	93	82
1973.....	81	76	78	70	70	87	88	89	100	96	91	85	51	91	84
1974.....	79	82	84	75	76	80	75	87	89	97	96	82	47	98	76
1975.....	89	85	87	81	81	89	90	94	101	93	97	96	57	97	88
1976.....	94	93	94	91	92	91	95	90	98	100	101	100	70	101	84
1977.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978.....	109	109	108	109	112	105	111	109	104	104	103	103	100	109	98
1979.....	119	118	117	122	124	118	125	115	115	109	104	103	132	99	110
1980.....	112	129	127	135	134	104	107	109	116	113	112	105	103	104	89
1981 <sup>1</sup> .....	129	138	135	150	149	121	132	120	127	117	107	114	147	116	110

<sup>1</sup>Preliminary.  
Economic Research Service.

Table 589.—Farm output: Index numbers by farming regions,<sup>1</sup> 1965-81

[1967=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appala-chian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1965.....	100	97	94	94	98	95	107	112	96	102	98
1966.....	92	98	93	96	93	86	99	100	95	103	95
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	95	103	98	104	96	92	113	112	104	108	102
1969.....	97	100	97	109	100	98	108	105	106	109	102
1970.....	99	102	92	102	101	98	114	109	107	109	101
1971.....	101	111	108	122	104	111	119	100	111	112	110
1972.....	90	107	105	121	105	108	123	116	110	116	110
1973.....	92	110	104	125	107	111	118	132	110	120	112
1974.....	96	103	92	107	108	116	113	109	111	128	106
1975.....	97	108	109	115	112	119	113	123	117	136	114
1976.....	101	105	113	113	119	125	122	127	122	140	117
1977.....	96	128	113	123	109	110	129	139	112	133	119
1978.....	104	128	119	126	118	121	127	121	123	133	122
1979.....	104	130	129	135	112	127	136	142	118	146	129
1980.....	104	134	119	117	109	117	113	119	126	157	122
1981 <sup>2</sup> .....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	134

<sup>1</sup> For States included in regions, see footnote 1, table 625. <sup>2</sup> Preliminary. n.a. not available.  
Economic Research Service.

Table 590.—Cropland used for crops: Index numbers by farming regions,<sup>1</sup> 1965-81

[1967=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appala-chian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1965.....	102	99	95	99	96	96	92	108	101	100	99
1966.....	102	97	96	99	95	92	91	101	99	99	98
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	95	98	95	98	98	99	108	103	100	100	98
1969.....	91	92	93	100	94	96	107	107	102	97	98
1970.....	94	93	94	99	95	98	110	100	102	99	98
1971.....	95	99	99	100	103	104	110	97	101	99	100
1972.....	92	94	96	99	99	101	110	94	103	102	98
1973.....	94	103	104	102	104	106	111	109	102	101	103
1974.....	97	106	108	103	108	111	113	111	105	106	106
1975.....	97	108	109	104	111	115	116	112	105	108	108
1976.....	98	111	110	105	113	117	124	108	106	109	109
1977.....	99	113	113	107	118	123	128	112	106	106	111
1978.....	98	110	110	104	118	122	127	106	106	107	108
1979.....	100	114	114	104	122	129	134	114	109	108	112
1980.....	101	116	115	105	119	127	133	120	111	110	113
1981 <sup>2</sup> .....	101	117	114	108	121	132	137	121	113	113	115

See footnotes on page 408.

Table 591.—Crop production per acre of cropland used for crops: Index numbers by regions,<sup>1</sup> 1965-81

[1967=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appala-chian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1965.....	93	93	97	97	104	101	125	113	97	103	100
1966.....	85	102	96	98	98	89	110	100	96	107	97
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	97	108	104	109	95	88	110	116	104	111	105
1969.....	103	113	108	117	105	97	103	99	105	114	106
1970.....	102	111	96	103	103	96	106	107	104	111	102
1971.....	102	116	115	130	98	105	110	96	108	115	112
1972.....	87	120	118	131	104	105	115	122	107	116	115
1973.....	96	117	110	135	102	105	111	133	111	124	116
1974.....	100	103	89	106	99	108	101	95	111	129	104
1975.....	98	109	112	119	103	104	99	109	113	132	112
1976.....	97	94	110	111	104	105	96	118	119	133	111
1977.....	93	132	114	132	92	85	104	136	115	133	116
1978.....	100	133	122	141	100	97	102	116	125	129	121
1979.....	102	133	133	154	89	98	109	143	121	145	129
1980.....	96	131	117	123	87	89	83	100	125	153	116
1981 <sup>2</sup> .....	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.	132

<sup>1</sup> See footnotes on page 412.

Table 592.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-81 <sup>1</sup>

Crop and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1977-81 <sup>2</sup>
<b>Corn for grain:</b>							
Hours per acre.....	34.2	30.3	28.1	19.2	9.9	5.8	3.4
Yield-bushels.....	25.9	26.3	26.1	36.1	48.7	78.5	100.5
Hours per 100 bushels.....	132	115	108	53	20	7	3
<b>Sorghum grain:</b>							
Hours per acre.....		17.5	13.1	8.8	5.9	4.2	3.7
Yield-bushels.....		16.8	12.8	17.8	29.2	52.9	57.0
Hours per 100 bushels.....		104	102	49	20	8	6
<b>Wheat:</b>							
Hours per acre.....	13.6	10.5	8.8	5.7	3.8	2.9	2.7
Yield-bushels.....	13.9	14.1	13.2	16.9	22.3	27.5	33.0
Hours per 100 bushels.....	98	74	67	34	17	11	8
<b>Hay:</b>							
Hours per acre.....	13.0	12.0	11.3	8.4	6.0	3.8	3.3
Yield-ton.....	1.25	1.22	1.24	1.35	1.61	1.97	2.29
Hours per ton.....	10.4	9.8	9.1	6.2	3.7	1.9	1.4
<b>Potatoes:</b>							
Hours per acre.....	73.8	73.1	69.7	68.5	53.1	45.1	36.1
Yield-cwt.....	56.9	68.4	70.3	117.8	178.1	212.8	266.1
Hours per ton.....	26	21	20	12	6	4	3
<b>Sugarbeets:</b>							
Hours per acre.....	125	109	98	85	51	33	24
Yield-ton.....	9.6	10.9	11.6	13.6	17.4	17.5	20.5
Hours per ton.....	13.0	10.0	8.4	6.3	2.9	1.9	1.2
<b>Cotton:</b>							
Hours per acre.....	105	96	99	83	66	30	6
Yield-pounds.....	168	171	226	273	428	484	488
Hours per bale.....	299	268	209	146	74	30	6
<b>Tobacco:</b>							
Hours per acre <sup>3</sup> .....	353	370	415	460	475	427	242
Yield-pounds.....	803	772	886	1,176	1,541	1,960	2,003
Hours per 100 pounds.....	44	48	47	39	31	22	12
<b>Soybeans:</b>							
Hours per acre.....	19.9	15.9	11.8	8.0	5.2	4.8	3.5
Yield-bushels.....	13.9	12.6	18.5	19.6	22.7	25.8	29.8
Hours per 100 bushels.....	143	126	64	41	23	19	12

<sup>1</sup>Labor-hours per acre harvested, including preharvest work on area abandoned, grazed, and turned under.

<sup>2</sup>Preliminary.

<sup>3</sup>Per acre planted and harvested.

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Table 593.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1915-81

Kind of livestock and item	1915-19	1925-29	1935-39	1945-49	1955-59	1965-69	1977-81 <sup>1</sup>
<b>Milk cows:</b>							
Hours per cow.....	141	145	148	129	109	78	38
Milk per cow (pounds).....	3,790	4,437	4,401	4,992	6,307	8,820	11,594
Hours per cwt. of milk.....	3.7	3.3	3.4	2.6	1.7	.9	.3
<b>Cattle other than milk cows:</b>							
Hours per cwt. of beef produced <sup>2,3</sup> .....	4.5	4.3	4.2	4.0	3.2	2.1	1.2
<b>Hogs:</b>							
Hours per cwt. produced <sup>3</sup> .....	3.6	3.3	3.2	3.0	2.4	1.4	.4
<b>Chickens (laying flocks and eggs):</b>							
Hours per 100 layers.....		218	221	240	175	97	49
Rate of lay.....		117	129	161	200	219	240
Hours per 100 eggs produced.....		1.9	1.7	1.5	.9	.4	.2
<b>Chickens (farm raised):</b>							
Hours per 100 birds.....	33	32	30	29	23	14	11
Hours per cwt. produced <sup>3</sup> .....	9.4	9.4	9.0	7.7	6.7	3.7	2.7
<b>Chickens (broilers):</b>							
Hours per 100 birds.....			25	16	4	2	.5
Hours per cwt. produced <sup>3</sup> .....			8.5	5.1	1.3	.5	.1
<b>Turkeys:</b>							
Hours per cwt. produced <sup>3</sup> .....	31.1	28.5	23.7	13.1	4.4	1.3	.4

<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.

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**Table 594.—Industrial production and income: Index numbers of production in selected lines and aggregate weekly payroll index, United States 1965-81**

Year	Industrial production <sup>1</sup>					Aggregate weekly payroll index <sup>2</sup>
	Total	Manufacturing	Durable manufacturing	Nondurable manufacturing	Mining	
	1967=100	1967=100	1967=100	1967=100	1967=100	1977=100
1965.....	89.8	89.7	89.0	90.9	93.3	45.1
1966.....	97.8	97.9	98.9	96.7	98.2	50.1
1967.....	100.0	100.0	100.0	100.0	100.0	51.2
1968.....	106.3	106.4	106.5	106.2	104.2	55.4
1969.....	111.1	111.0	110.6	111.5	108.3	59.7
1970.....	107.8	106.4	102.3	112.3	112.2	58.6
1971.....	109.6	108.2	102.4	116.6	109.8	60.3
1972.....	119.7	118.9	113.7	126.5	113.1	67.2
1973.....	129.8	129.8	127.1	133.8	114.7	76.2
1974.....	129.3	129.4	125.7	134.6	115.3	80.1
1975.....	117.8	116.3	109.3	126.4	112.8	76.8
1976.....	130.5	130.3	122.3	141.8	114.2	88.2
1977.....	138.2	138.4	130.0	150.5	118.2	100.0
1978.....	146.1	146.8	139.7	156.9	124.0	113.6
1979.....	152.5	153.6	146.4	164.0	125.5	125.2
1980.....	147.0	146.7	136.7	161.2	132.7	126.8
1981.....	151.0	150.4	140.5	164.8	142.2	137.7

<sup>1</sup>Data from Board of Governors of the Federal Reserve System.<sup>2</sup>For manufacturing. (Department of Labor series.)

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**Table 595.—Railroad freight rates: Index numbers for specified commodities, 1965-81 <sup>1</sup>**

Year	Railroad freight rate indexes 1977 = 100 <sup>2</sup>					
	Meats	Fruits and vegetables	Wheat	All grains	Soybeans	Cotton
1965.....	46	47	52	52	45	60
1966.....	44	47	50	52	45	60
1967.....	44	48	50	52	46	60
1968.....	45	49	51	52	46	60
1969.....	47	51	51	52	47	61
1970.....	52	56	57	56	52	67
1971.....	58	64	63	62	58	75
1972.....	60	66	60	62	58	78
1973.....	61	67	62	63	59	80
1974.....	71	77	74	75	72	92
1975.....	83	88	85	86	83	99
1976.....	93	99	92	93	92	109
1977.....	100	100	100	100	100	100
1978 <sup>4</sup> .....	127	103	108	106	108	87
1979 <sup>4</sup> .....	156	114	124	123	129	99
1980 <sup>4</sup> .....	191	( <sup>3</sup> )	149	151	151	118
1981 <sup>4</sup> .....	221	( <sup>3</sup> )	167	174	172	135

<sup>1</sup>Wool, tobacco, and combined indexes published in prior years are no longer included. The Bureau of Labor Statistics now reports monthly an index on farm products and a separate index for food and kindred products.<sup>2</sup>All index number series are of the weighted aggregate type. They are based on 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.<sup>3</sup>Data for fruits and vegetables not available beginning in 1980.<sup>4</sup>These indexes use revised volumes and, in some instances, different origins and/or destinations than were used in earlier years. They were linked to the earlier series through computation on both bases for 1976.

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## FOOTNOTES FOR TABLE 591

<sup>1</sup>For States included in regions, see footnote 1, table 625.<sup>2</sup>Preliminary.

n.a. Not available.

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Table 596.—Marketing costs for farm food products, United States, 1965-81

Year	Labor <sup>1</sup>	Packaging materials	Intercity transportation rail and truck	Fuels & electricity	Corporate profits before taxes	Other <sup>2</sup>	Total marketing bill <sup>3</sup>
	<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>
1965.....	23.3	6.2	4.2		3.0	17.3	54.0
1966.....	24.6	6.8	4.2		3.4	18.1	57.1
1967.....	25.9	7.3	4.3		3.4	21.5	62.4
1968.....	28.0	7.6	4.5		3.6	22.2	65.9
1969.....	30.4	7.9	4.6		3.6	21.8	68.3
1970.....	32.2	8.2	5.2	2.2	3.6	23.7	75.1
1971.....	34.5	8.5	6.0	2.4	3.9	23.2	78.5
1972.....	36.6	8.9	6.1	2.5	4.0	24.3	82.4
1973.....	39.7	9.4	6.4	2.8	5.4	23.4	87.1
1974.....	44.3	11.8	7.5	3.7	6.1	24.8	98.2
1975.....	48.7	13.5	8.5	4.6	7.5	30.6	113.4
1976.....	53.7	14.6	9.1	5.0	7.6	35.4	125.4
1977.....	58.4	15.2	9.8	5.6	8.0	37.3	134.3
1978.....	65.3	16.3	10.3	6.2	9.0	37.8	144.9
1979.....	71.6	18.3	11.7	7.3	9.9	41.1	159.9
1980.....	79.1	20.9	13.9	8.6	11.0	45.1	178.6
1981 <sup>4</sup> .....	87.9	23.0	15.1	10.3	12.0	51.5	199.8

<sup>1</sup>Includes employee wages or salaries, and their health and welfare benefits. Also includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration.

<sup>2</sup>Includes depreciation, rent, advertising and promotion, interest, property taxes, and insurance, accounting and professional services, and many miscellaneous items. 1965-1969 data also includes fuels and electricity.

<sup>3</sup>The marketing bill is the difference between the farm value or payments to farmers for foodstuffs and consumer expenditures for these foods both at foodstores and away from home eating places. Thus, it covers processing, wholesaling, transportation, and retailing costs and profits.

<sup>4</sup>Preliminary.

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Table 597.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1968-81 <sup>1</sup>

Year	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm to retail spread <sup>4</sup>	Farm value share of retail cost	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm to retail spread <sup>4</sup>	Farm value share of retail cost
	Market basket of farm food products				Bakery and cereal products			
	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Index 1967=100</i>	<i>Percent</i>
1968.....	103.6	105.3	102.6	38	103.6	97.5	104.7	16
1969.....	109.1	114.8	105.7	39	106.3	97.7	108.1	16
1970.....	113.7	114.0	113.5	37	112.0	103.7	113.8	16
1971.....	115.7	114.6	116.4	37	116.3	106.5	118.3	16
1972.....	121.3	125.1	119.1	38	115.9	112.4	116.7	17
1973.....	142.3	167.9	127.2	44	128.9	167.9	120.8	22
1974.....	161.9	181.5	150.4	42	167.3	243.1	151.6	24
1975.....	173.6	187.8	165.2	40	183.7	200.2	180.3	19
1976.....	175.4	178.0	173.9	38	180.8	162.3	184.6	15
1977.....	179.2	178.3	179.7	37	183.7	138.2	193.2	13
1978.....	199.4	205.3	195.9	38	199.9	163.9	207.3	14
1979.....	222.7	227.3	220.0	38	220.2	189.9	226.3	15
1980.....	238.8	239.8	238.3	37	246.4	221.4	251.6	15
1981 <sup>5</sup> .....	257.1	246.4	263.4	35	271.1	217.7	282.1	14

See footnotes at end of table.

**Table 597.—Farm-retail price spreads: Market basket of farm-originated food products by food group, United States, 1968–1981<sup>1</sup>—Continued**

Year	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm to retail spread <sup>4</sup>	Farm value share of retail cost	Retail cost <sup>2</sup>	Farm value <sup>3</sup>	Farm to retail spread <sup>4</sup>	Farm value share of retail cost
	Meat products				Fruits and vegetables, fresh			
	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Percent</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Percent</i>
1968.....	100.6	101.6	99.5	54	111.8	119.5	108.2	34
1969.....	111.4	116.4	105.5	56	112.0	113.0	111.5	32
1970.....	116.6	113.7	120.0	53	116.3	111.2	118.6	30
1971.....	115.5	112.1	119.3	52	121.9	121.8	121.9	32
1972.....	129.3	133.2	124.7	56	128.8	126.4	129.8	31
1973.....	160.1	179.5	137.4	60	154.0	166.7	148.1	34
1974.....	162.9	162.1	163.9	54	160.6	170.3	156.1	33
1975.....	178.3	188.3	166.5	57	165.4	172.4	162.1	33
1976.....	178.5	170.1	188.4	51	171.2	168.0	172.6	31
1977.....	174.2	169.8	179.5	53	194.9	193.2	195.8	31
1978.....	206.8	206.4	207.3	54	222.4	225.4	221.0	32
1979.....	241.9	234.6	250.4	52	238.5	218.9	247.5	29
1980.....	248.8	234.0	266.1	51	255.3	228.7	267.6	28
1981 <sup>5</sup> .....	257.8	235.5	284.0	49	286.8	267.6	295.7	29
	Dairy products				Fats and oils			
	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Percent</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Percent</i>
1968.....	102.8	104.0	101.7	47	96.3	89.4	99.0	26
1969.....	106.1	109.3	103.3	48	96.4	91.4	98.4	26
1970.....	111.3	113.9	109.1	48	103.8	111.2	100.9	30
1971.....	114.7	116.2	113.4	47	113.5	128.8	107.6	32
1972.....	116.4	118.9	114.2	48	114.8	110.0	116.7	27
1973.....	126.6	135.2	119.1	50	127.1	172.7	109.6	38
1974.....	150.7	159.3	143.2	49	192.5	324.6	141.6	47
1975.....	154.0	163.6	145.5	49	206.8	253.8	188.7	34
1976.....	168.5	185.9	153.2	52	176.7	206.4	165.2	33
1977.....	173.3	187.2	163.1	50	192.0	249.3	169.9	36
1978.....	185.5	202.1	171.0	51	209.6	257.4	191.1	34
1979.....	207.0	229.8	187.1	52	226.3	278.0	206.4	34
1980.....	227.4	251.1	206.6	52	241.2	205.3	237.7	29
1981 <sup>5</sup> .....	243.6	265.9	224.1	51	267.1	261.3	269.4	27
	Poultry and eggs				Fruits and vegetables, processed			
	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Percent</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Index</i> <i>1967=100</i>	<i>Percent</i>
1968.....	108.4	105.8	111.4	51	110.8	121.6	108.5	20
1969.....	116.1	126.1	104.9	57	114.5	126.5	108.2	21
1970.....	114.0	114.2	113.8	53	114.3	118.0	113.5	19
1971.....	108.5	104.8	126.7	51	120.0	121.8	119.6	18
1972.....	108.9	106.6	111.4	52	122.7	127.5	121.5	19
1973.....	150.4	179.2	118.4	63	130.6	137.0	128.0	19
1974.....	152.6	175.0	127.7	60	159.1	192.5	151.7	22
1975.....	160.9	186.8	132.1	61	179.6	211.2	172.7	21
1976.....	163.3	185.3	138.9	60	181.7	202.8	177.1	20
1977.....	162.0	180.3	114.6	59	190.2	188.5	190.6	18
1978.....	167.6	192.7	139.5	61	208.7	221.9	205.8	19
1979.....	178.4	200.0	154.5	59	226.6	235.3	224.7	19
1980.....	183.3	200.9	168.7	58	242.5	243.5	242.2	18
1981 <sup>5</sup> .....	193.3	208.7	176.3	57	271.5	288.7	267.7	19

<sup>1</sup>The market basket represents purchasing patterns of domestically produced farm foods in food stores by households from July 1972 through June 1974. <sup>2</sup>Special index of retail prices for domestically produced foods published by the Bureau of Labor Statistics. <sup>3</sup>Gross return or payment to farmers for the farm products equivalent to foods in the market basket. <sup>4</sup>The spread between the retail cost and farm value is an estimate of the gross margin received by marketing firms for assembling, processing, transporting, and distributing the products. <sup>5</sup>Preliminary.

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**Table 598.—Marketing bill for U.S. farm foods: Civilian consumer expenditures, farm value, and marketing bill, 1965-81 <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>
1965.....	54.0	27.1	81.1	1974.....	98.2	56.4	154.6
1966.....	57.1	29.8	86.9	1975.....	113.4	55.6	169.0
1967.....	61.8	28.8	90.6	1976.....	125.4	58.3	183.7
1968.....	65.1	30.4	95.5	1977.....	134.3	58.0	192.3
1969.....	67.5	33.7	101.2	1978.....	144.9	69.4	214.3
1970.....	73.9	34.8	108.7	1979.....	159.9	78.1	238.0
1971.....	79.3	35.4	114.7	1980.....	178.6	81.4	260.0
1972.....	82.4	39.8	122.2	1981 <sup>2</sup> .....	199.8	85.2	285.0
1973.....	87.1	51.7	138.8				

<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 brought by civilian consumers and not to that sold to the Armed Forces or exported.

<sup>2</sup>Preliminary.

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**Table 599.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1980 and 1981**

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>				
	1980	1981 <sup>2</sup>	1980		1981		
			Based on data for—	Parity price	Based on data for—	Parity price	
	<i>Dollars</i>	<i>Dollars</i>		<i>Dollars</i>		<i>Dollars</i>	
<b>Basic commodities:</b>							
Cotton:							
American upland.....	pound.....	0.744	0.545	July.....	1.09	July.....	1.17
Extra-long staple.....	do.....	1.080	.963	July.....	1.76	July.....	1.91
Wheat.....	bushel.....	3.91	3.65	June.....	6.51	June.....	7.11
Rice.....	cwt.....	12.80	9.05	June.....	18.60	June.....	20.70
Corn.....	bushel.....	3.11	2.48	Sept.....	4.65	Sept.....	4.91
Peanuts.....	pound.....	.251	.268	July.....	.381	July.....	.415
Tobacco:							
Flue-cured, types 11-14.....	do.....	1.445	1.664	June.....	2.22	June.....	2.43
Va., fire-cured, type 21.....	do.....	1.281	1.312	Nov.....	1.89	Nov.....	2.02
Ky.-Tenn. fire-cured, types 22-23.....	do.....	1.394	1.611	Dec.....	2.13	Dec.....	2.26
Burley, type 31.....	do.....	1.659	1.807	Oct.....	2.36	Oct.....	2.53
Maryland, type 32 <sup>4</sup> .....	do.....	1.397	1.679	Mar.....	2.04	Mar.....	2.25
Dark air-cured, types 35-36.....	do.....	1.265	1.330	Nov.....	1.84	Nov.....	1.98
Sun-cured, type 37.....	do.....	1.271	1.317	Oct.....	1.75	Oct.....	1.90
Pa. seedleaf, type 41.....	do.....	.870	.800	Dec.....	1.21	Dec.....	1.29
Cigar filler and binder, types 42-44, 54-55.....	pound.....	1.235	1.100	Sept.....	1.59	Sept.....	1.76
Puerto Rican filler, type 46.....	do.....	.691	.712	Jan.....	1.37	Jan.....	1.49
Cigar binder, types 51-52.....	do.....	1.788	1.821	Oct.....	2.14	Oct.....	2.38
Designated nonbasic commodities:							
Milkfat, in cream.....	pound.....	( <sup>5</sup> )	( <sup>5</sup> )	Dec <sup>6</sup> .....	1.64	Dec <sup>6</sup> .....	1.84
All milk, sold to plants.....	cwt.....	13.00	13.80	Dec <sup>6</sup> .....	16.80	Dec <sup>6</sup> .....	18.90
Fluid market.....	cwt.....	13.20	14.00				
Manufacturing grade.....	cwt.....	<sup>7</sup> 12.00	12.70				
Honey, all.....	pound.....	.615	.632	Dec <sup>6</sup> .....	.793	Dec <sup>6</sup> .....	.917
Wool and mohair:							
Wool.....	pound.....	<sup>9</sup> 881	<sup>9</sup> 945	Dec <sup>6</sup> .....	1.72	Dec <sup>6</sup> .....	1.89
Mohair.....	do.....	<sup>10</sup> 3.50	<sup>10</sup> 3.50	Dec <sup>6</sup> .....	4.06	Dec <sup>6</sup> .....	5.21

See footnotes at end of table.

Table 599.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States 1980 and 1981—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>				
	1980	1981 <sup>2</sup>	1980		1981		
			Based on data for—	Parity price	Based on data for—	Parity price	
	Dollars	Dollars		Dollars		Dollars	
Other nonbasic commodities:							
Field crops and miscellaneous:							
Barley.....	bushel.....	2.85	2.52	June.....	4.12	June.....	4.56
Beans, dry edible.....	cwt.....	28.00	21.60	July.....	37.10	July.....	41.40
Cottonseed.....	ton.....	129.00	87.50	July.....	196.00	July.....	215.00
Crude pine gum.....	barrel.....	n.a	n.a	Mar.....	130.00	Mar.....	144.00
Flaxseed.....	bushel.....	7.20	6.79	June.....	11.50	June.....	12.70
Hay, all, baled.....	ton.....	71.00	67.10	Jan.....	90.90	Jan.....	105.00
Hops.....	pound.....	1.510	1.150	July.....	1.72	July.....	1.96
Oats.....	bushel.....	1.79	1.91	June.....	2.34	June.....	2.63
Peas, dry field.....	cwt.....	9.71	10.50	July.....	20.40	July.....	21.90
Peppermint oil.....	pounds.....	9.40	9.41	July.....	21.00	July.....	22.70
Popcorn, shelled basis.....	cwt.....	10.50	13.30	July.....	14.70	July.....	17.10
Potatoes.....	cwt.....	6.55	5.40	Apr.....	7.34	Apr.....	8.38
Rye.....	bushel.....	2.64	2.95	June.....	3.78	June.....	4.26
Sorghum grain.....	cwt.....	5.25	4.18	Sept.....	7.81	Sept.....	8.27
Soybeans.....	bushel.....	7.57	6.08	Aug.....	11.60	Aug.....	12.50
Spearmint oil.....	pound.....	9.61	9.49	July.....	18.30	July.....	19.60
Sweetpotatoes.....	cwt.....	12.30	17.40	June.....	19.30	June.....	21.40
Tobacco:							
Cigar wrapper, type 61.....	pound.....	9.80	10.00	Dec.....	13.10	Dec.....	13.90
Cigar wrapper, type 62.....	do.....	n.a	n.a	Oct.....	8.24	Oct.....	8.66
Fruits:							
Citrus (equiv. on-tree): <sup>11</sup>							
Grapefruit.....	box.....	3.01	3.54	Aug.....	4.17	Aug.....	4.52
Lemons.....	box.....	5.13	1.01	Oct.....	7.71	Oct.....	7.12
Limes, Florida.....	box.....	8.18	6.58	Mar.....	15.80	Mar.....	16.60
Oranges.....	box.....	3.52	4.00	Oct.....	5.55	Oct.....	6.04
Tangelos.....	box.....	2.87	3.25				
Tangerines.....	box.....	3.23	3.49	Oct.....	7.89	Oct.....	8.09
Templets.....	box.....	2.89	4.00				
Deciduous and other:							
Apples:							
For all sales.....	pound.....	.087	.112				
For fresh consumption <sup>12</sup> .....	do.....	.121	.156	June.....	.227	June.....	.256
For processing.....	ton.....	84.00	106.00	July.....	193.00	July.....	204.00
Apricots:							
For all sales.....	ton.....	291.00	311.00				
For fresh consumption.....	ton.....	571.00	500.00	May.....	1,100.00	May.....	1,240.00
Dried, California (dried basis).....	ton.....	1,897.00	1,882.00	June.....	3,890.00	June.....	4,100.00
For processing (except dried).....	ton.....	261.00	279.00	July.....	347.00	July.....	390.00
Avocados <sup>13</sup> .....	ton.....	371.00	654.00	Sept.....	1,470.00	Sept.....	1,500.00
Berries for processing (Washington and Oregon):							
Blackberries.....	pound.....	.199	.169	July.....	.698	July.....	.718
Boysenberries/youngberries.....	do.....	.306	.284	July.....	.923	July.....	.965
Gooseberries.....	do.....	.200	.213	July.....	.332	July.....	.355
Loganberries.....	do.....	.245	.188	July.....	.737	July.....	.758
Raspberries, black.....	do.....	.452	.241	July.....	1.20	July.....	1.28
Raspberries, red.....	do.....	.289	.499	July.....	.857	July.....	.889
Cherries:							
Sweet.....	ton.....	552.00	683.00	Apr.....	941.00	Apr.....	1,020.00
Tart.....	pound.....	.202	.445	May.....	.467	May.....	.507
Cranberries <sup>14</sup> .....	barrel.....	33.20	39.70	Aug.....	33.60	Aug.....	38.30
Dates, California <sup>15</sup> .....	ton.....	634.00	655.00	Aug.....	626.00	Aug.....	743.00
Figs:							
For fresh consumption, and canned, California.....	ton.....	493.00	502.00				
Dried, California (dried basis).....	ton.....	888.00	968.00				
Grapes:							
For all sales.....	ton.....	239.00	297.00				
Raisin varieties dried, California (dried basis).....	ton.....	1,205.00	1,315.00	Aug.....	1,510.00	Aug.....	1,740.00
Grapes, excluding raisin varieties, dried, California (fresh basis).....	ton.....	183.00	235.00	May.....	345.00	May.....	389.00
Nectarines (California):							
For fresh consumption <sup>13</sup> .....	ton.....	231.00	229.00	May.....	471.00	May.....	503.00
For processing <sup>15</sup> .....	ton.....	78.00	91.00	July.....	210.00	July.....	214.00

See footnotes at end of table.



Table 599.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1980 and 1981—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>			
	1980	1981 <sup>2</sup>	1980		1981	
			Based on data for—	Parity price	Based on data for—	Parity price
	Dollars	Dollars		Dollars		Dollars
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued						
Olives (California): <sup>13</sup>						
For all sales.....	ton.....	359.00	662.00			
Crushed for oil.....	ton.....	12.00	10.00	July.....	107.00	July..... 133.00
For processing (except crushed).....	ton.....	371.00	671.00	July.....	755.00	July..... 789.00
For canning.....	ton.....	445.00	725.00	July.....	818.00	July..... 855.00
Peaches:						
For all sales.....	pound.....	.124	.133			
For fresh consumption <sup>16</sup> .....	do.....	.166	.166	Apr.....	.310	Apr..... 329
Dried, California (dried basis).....	ton.....	1,840.00	952.00	July.....	2,540.00	July..... 2,820.00
For processing (except dried):						
Clingstone <sup>16</sup> .....	ton.....	188.00	207.00	June.....	240.00	June..... 281.00
Freestone.....	ton.....	142.00	152.00	July.....	239.00	July..... 267.00
Pears:						
For all sales.....	ton.....	196.00	186.00			
For fresh consumption <sup>17</sup> .....	ton.....	244.00	245.00	May.....	384.00	May..... 422.00
Dried, California (dried basis).....	ton.....	589.00	570.00	Aug.....	2,450.00	Aug..... 2,400.00
For processing (except dried).....	ton.....	167.00	143.00	July.....	284.00	July..... 300.00
Plums (equiv. on-tree) (California):						
For all sales.....	ton.....	340.00	201.00			
For fresh consumption.....	ton.....	346.00	204.00			
For processing.....	ton.....	7.00	8.20			
Pomegranates, California.....	ton.....	259.00	284.00			
Prunes, dried (California).....						
Prunes and plums (excl. Calif.):						
For fresh consumption.....	ton.....	217.00	183.00			
For processing (except dried).....	ton.....	120.00	86.10			
Strawberries:						
For fresh consumption.....	pound.....	.479	.471	Jan.....	.685	Jan..... .764
For processing.....	do.....	.263	.283	July.....	.440	July..... .469
Seed crops:						
Alfalfa.....	cwt.....	113.00	107.00	July.....	172.00	July..... 192.00
Bentgrass.....	cwt.....	112.00	78.00	July.....	165.00	July..... 182.00
Chewings fescue (Oregon).....	cwt.....	66.00	60.00	Jan.....	88.80	Jan..... 99.70
Crimson clover.....	cwt.....	49.00	42.00	Jan.....	76.20	Jan..... 87.00
Hairy vetch.....	cwt.....	35.00	38.00	Jan.....	44.50	Jan..... 51.10
Ladino clover.....	cwt.....	136.00	154.00	Jan.....	225.00	Jan..... 250.00
Lespedeza.....	cwt.....	49.20	41.90	July.....	76.50	July..... 84.40
All Kentucky bluegrass.....	cwt.....	58.30	54.20			
Orchardgrass.....	cwt.....	45.10	50.00	Jan.....	62.40	Jan..... 71.00
Red clover.....	cwt.....	65.20	72.40	July.....	116.00	July..... 126.00
Red fescue.....	cwt.....	70.00	62.00	Jan.....	90.30	Jan..... 103.00
Tall fescue.....	cwt.....	23.40	25.00	Jan.....	31.50	Jan..... 35.60
Timothy.....	cwt.....	50.20	20.60	July.....	55.30	July..... 65.70
Sugar crops:						
Maple sirup.....	gallon.....	16.20	17.90			
Sugarbeets.....	ton.....	47.20	31.50	July.....	57.00	July..... 65.50
Sugarcane for sugar <sup>18</sup> .....	ton.....	38.50	24.70	July.....	44.00	July..... 52.00
Tree nuts:						
Almonds.....	pound.....	.147	.071	July.....	1.93	July..... 1.93
Filberts.....	ton.....	1152.00	786.00	July.....	1,370.00	July..... 1,520.00
Pecans, all.....	pound.....	.781	.545	July.....	2,140.00	July..... 2,340.00
Improved.....	do.....	.848	.647			
Seedling.....	do.....	.623	.437			
Walnuts.....	ton.....	936.00	997.00	July.....	1,370.00	July..... 1,520.00
Vegetables for fresh market:						
Artichokes, California <sup>19</sup> .....	cwt.....	34.70	N/A	July.....	36.50	July..... 42.40
Asparagus.....	cwt.....	58.10	70.80	Jan.....	78.10	Jan..... 89.10
Brocoli <sup>19</sup> .....	cwt.....	21.40	23.30	Jan.....	29.40	Jan..... 33.20
Cabbage.....	cwt.....	8.07	7.27	Jan.....	12.40	Jan..... 13.60
Cantaloups.....	cwt.....	13.60	14.10	Jan.....	18.80	Jan..... 21.20
Carrots.....	cwt.....	11.50	12.30	Dec. <sup>8</sup> .....	12.00	Dec. <sup>8</sup> ..... 13.60
Cauliflower <sup>19</sup> .....	cwt.....	22.51	24.10	Nov. <sup>8</sup> .....	29.40	Nov. <sup>8</sup> ..... 34.20
Celery.....	cwt.....	9.27	11.00	Dec. <sup>8</sup> .....	15.20	Dec. <sup>8</sup> ..... 17.00
Cucumbers.....	cwt.....	13.60	14.70	Jan.....	20.40	Jan..... 22.70

See footnotes at end of table.

**Table 599.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1980 and 1981—Continued**

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>3</sup>				
	1980	1981 <sup>2</sup>	1980		1981 <sup>4</sup>		
			Based on data for—	Parity price	Based on data for—	Parity price	
	Dollars	Dollars		Dollars		Dollars	
<b>Other nonbasic commodities—Continued</b>							
<b>Vegetables for fresh market—Continued</b>							
Eggplant.....	cwt....	14.20	17.60	Jan.....	22.40	Jan.....	24.20
Escarole.....	cwt....	16.60	19.20	Jan.....	26.60	Jan.....	29.60
Garlic.....	cwt....	20.00	28.00	Jan.....	25.50	Jan.....	28.40
Green peppers.....	cwt....	25.50	26.00	Jan.....	31.90	Jan.....	35.80
Honeydew melons.....	cwt....	13.50	15.40	Apr.....	17.80	Apr.....	20.20
Lettuce.....	cwt....	8.91	10.90	Nov. <sup>6</sup>	15.20	Nov. <sup>6</sup>	16.40
Onions.....	cwt....	12.40	16.30	Feb.....	13.60	Feb.....	15.20
Snap beans.....	cwt....	27.20	29.90	Jan.....	40.00	Jan.....	44.40
Spinach.....	cwt....	24.80	28.00	Jan.....	34.50	Jan.....	38.60
Sweet corn.....	cwt....	10.70	11.60	Jan.....	15.60	Jan.....	17.50
Tomatoes.....	cwt....	20.60	21.40	Dec. <sup>6</sup>	35.30	Dec. <sup>6</sup>	39.20
Watermelons.....	cwt....	6.59	6.09	Jan.....	6.87	Jan.....	8.11
<b>Vegetables for processing:</b>							
Asparagus.....	ton....	824.00	n.a.	Jan.....	1,150.00	Jan.....	1,290.00
Beets.....	ton....	47.00	n.a.	Jan.....	69.40	Jan.....	77.60
Cabbage.....	ton....	34.00	n.a.	Jan.....	55.70	Jan.....	61.50
Cucumbers.....	ton....	165.00	n.a.	Jan.....	243.00	Jan.....	267.00
Green peas.....	ton....	209.00	218.00	Jan.....	348.00	Jan.....	384.00
Lima beans.....	ton....	410.00	n.a.	July.....	603.00	July.....	663.00
Snap beans.....	ton....	156.00	167.00	Jan.....	267.00	Jan.....	292.00
Spinach.....	ton....	91.90	n.a.	Jan.....	125.00	Jan.....	140.00
Sweet corn.....	ton....	53.70	63.10	July.....	89.10	July.....	96.90
Tomatoes.....	ton....	61.00	65.00	Jan.....	109.00	Jan.....	120.00
<b>Livestock and livestock products:</b>							
All beef cattle.....	cwt....	62.40	58.60	Dec. <sup>6</sup>	74.50	Dec. <sup>6</sup>	86.70
Cows.....	cwt....	45.70	41.30				
Steers and heifers.....	cwt....	66.90	62.40				
Calves.....	cwt....	76.80	64.00	Dec. <sup>6</sup>	86.20	Dec. <sup>6</sup>	103.00
Beeswax.....	pound..	1.83	1.91	July.....	2.36	July.....	2.69
<b>Chickens:</b>							
Excluding broilers, live.....	do.....	.110	.111				
Broilers, live.....	do.....	.277	.285				
Eggs.....	dozen...	.563	.631	Dec. <sup>6</sup>	1.01	Dec. <sup>6</sup>	1.09
Hogs.....	cwt....	38.00	43.90	Dec. <sup>6</sup>	73.70	Dec. <sup>6</sup>	81.10
Lambs.....	cwt....	63.60	54.90	Dec. <sup>6</sup>	85.40	Dec. <sup>6</sup>	97.50
Milk cows <sup>10</sup> .....	head...	1,190.00	1,200.00				
Milk, retail <sup>21</sup> .....	quart...	.453	.484				
Sheep.....	cwt....	21.10	21.20	Dec. <sup>6</sup>	24.40	Dec. <sup>6</sup>	29.50
Turkeys, live.....	pound...	.413	.382	Dec. <sup>6</sup>	.640	Dec. <sup>6</sup>	.712

<sup>1</sup> Season average prices for crops; weighted calendar year average for livestock and livestock products, except chickens, eggs, and hogs, which are on a Nov.-Dec. marketing year basis. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighing 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 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> Crop is sold during year following production. 1980 price is average of auction sales through May 4, 1981. Parity prices are for March 1979 and 1980.

<sup>5</sup> Estimates discontinued.

<sup>6</sup> Previous year.

<sup>7</sup> Extracted wholesale.

<sup>8</sup> State annual average prices weighted by production to obtain U.S. averages.

<sup>9</sup> Average local market price for wool sold excluding incentive payment.

<sup>10</sup> Average local market price for mohair sold excluding incentive payment.

<sup>11</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest is completed.

<sup>12</sup> Equivalent packinghouse-door returns for California, Oregon and Washington, and prices as sold for other States.

<sup>13</sup> Equivalent returns at packinghouse-door.

<sup>14</sup> Equivalent per unit returns for bulk fruit at first delivery point.

<sup>15</sup> Equivalent returns at processing plant-door.

<sup>16</sup> Prices for fresh use in Arkansas, California, Virginia, Georgia, Maryland, Michigan, New Jersey, New York, North Carolina, Pennsylvania, South Carolina, Florida, Washington, and West Virginia, and average price for all sales in all other States.

<sup>17</sup> Packinghouse-door returns for fresh consumption for California, Oregon, and Washington, average prices for fresh use for Michigan and New York, and average prices for all methods of sale for other States.

<sup>18</sup> Continental United States only.

<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.

n.a. not available.

Statistical Reporting Service.

**Table 600.—Producer prices: Index numbers, by groups of commodities, United States, 1965-81**

[1967 = 100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and plastic products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products <sup>1</sup>	Industrial commodities <sup>2</sup>	All commodities
1965.....	98.7	96.2	94.3	95.5	99.0	95.9	95.9	96.4	96.9	94.1	96.4	96.6
1966.....	105.9	101.9	103.4	97.8	99.4	97.8	100.2	98.8	98.0	97.1	98.5	99.8
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	102.5	103.4	103.2	98.9	99.8	103.4	113.3	102.6	102.8	102.0	102.5	102.5
1969.....	109.1	109.7	108.9	100.9	99.9	105.3	125.3	108.5	104.9	107.1	106.0	106.5
1970.....	111.0	113.6	110.3	106.2	102.2	108.3	113.6	116.6	107.5	113.6	110.0	110.4
1971.....	112.9	115.5	114.1	115.2	104.1	109.1	127.3	118.7	110.0	116.7	114.1	114.0
1972.....	125.0	121.8	131.3	118.6	104.2	109.3	144.3	123.5	111.4	117.5	117.9	119.1
1973.....	176.3	146.9	143.1	134.3	110.0	112.4	177.2	132.8	115.2	121.9	125.9	134.7
1974.....	187.7	174.4	145.1	208.3	146.8	136.2	183.6	171.9	127.9	132.8	153.8	160.1
1975.....	186.7	186.0	148.5	245.1	181.3	150.2	176.9	185.6	139.7	149.6	171.5	174.9
1976.....	191.0	178.9	167.8	265.6	187.2	159.2	205.6	195.9	145.6	163.0	182.4	183.0
1977.....	192.5	186.8	179.3	302.2	192.8	167.6	236.3	209.0	151.5	179.8	195.1	194.2
1978.....	212.5	206.4	200.0	322.5	198.8	174.8	276.0	227.1	160.4	198.5	209.4	209.3
1979.....	241.4	226.4	252.4	408.1	222.3	194.3	300.4	259.3	171.3	217.8	236.5	235.6
1980.....	249.4	244.7	248.8	574.0	260.3	217.4	288.9	286.4	187.7	245.7	274.8	268.8
1981 <sup>3</sup> .....	254.9	251.9	260.9	694.5	287.6	232.6	292.8	300.4	198.5	268.3	304.1	293.4

<sup>1</sup>The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967.

<sup>2</sup>Prior to January 1967, classified as "all commodities other than farm products and processed food."

<sup>3</sup>Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Labor.

**Table 601.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1965-81**

[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, sweet potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Live-stock and live-stock products	All farm products	Ratio <sup>2</sup>
1965.....	163	174	245	513	265	240	241	262	305	293	230	315	260	144	260	245	76
1966.....	185	181	215	552	293	246	241	285	341	194	238	353	295	157	290	264	79
1967.....	176	174	190	555	269	227	222	283	334	187	225	335	308	131	275	250	73
1968.....	160	157	192	567	257	304	309	305	358	195	225	346	322	139	286	255	73
1969.....	154	167	173	594	249	228	224	300	369	203	217	398	337	157	322	268	73
1970.....	162	179	183	604	265	217	214	292	366	218	225	405	350	147	325	274	72
1971.....	166	187	206	627	297	246	249	322	421	202	242	407	359	134	322	281	70
1972.....	192	181	245	685	329	265	269	326	431	226	257	496	372	137	372	313	74
1973.....	379	283	274	718	608	312	305	379	521	385	394	664	440	231	502	447	91
1974.....	529	423	433	821	625	319	303	403	509	543	504	553	510	214	454	481	86
1975.....	426	400	348	899	529	313	303	458	579	391	452	567	537	235	474	463	76
1976.....	355	379	504	906	551	294	291	456	579	375	443	569	591	233	485	464	71
1977.....	275	316	511	972	652	370	362	498	658	363	433	564	594	228	481	457	66
1978.....	336	320	466	1,061	608	509	522	522	696	379	456	757	647	243	595	524	70
1979.....	403	360	490	1,145	670	534	546	548	717	333	501	937	736	252	708	602	71
1980.....	452	417	583	1,219	664	458	462	562	722	469	539	878	798	254	691	614	65
1981 <sup>3</sup> .....	456	446	565	1,363	718	477	476	676	887	647	580	848	842	264	688	633	61

See footnotes on page 425.

Table 602.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1910-81

(1977=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	Live-stock and live-stock products	All farm products	Ratio <sup>2</sup>	
1910.....	40	30	23	8.6	18	27				23	24	18	17	46	21	23	164	
1911.....	36	31	21	8.6	16	28				30	23	15	16	39	18	21	150	
1912.....	37	35	18	10	14	26				33	23	17	17	44	20	22	147	
1913.....	33	29	20	13	14	28				25	23	19	18	44	22	22	147	
1914.....	36	33	17	11	14	25				27	22	20	17	46	22	22	147	
1915.....	46	33	15	8.4	16	22				24	22	18	17	44	21	22	147	
1916.....	49	35	23	11	24	26				42	28	21	19	50	24	26	153	
1917.....	83	58	36	19	34	31				73	44	31	24	68	34	39	186	
1918.....	84	65	48	25	39	44				51	51	36	30	81	40	45	180	
1919.....	89	66	49	31	40	46				55	53	37	34	91	43	47	162	
1920.....	91	64	51	24	32	51				81	54	30	34	97	39	46	148	
1921.....	48	29	21	17	15	44				39	28	19	25	70	26	27	123	
1922.....	43	29	32	19	21	44				36	31	20	23	61	26	29	132	
1923.....	41	36	44	19	27	37			( <sup>3</sup> )	37	36	19	27	64	27	31	135	
1924.....	46	40	44	18	24	35				23	35	37	19	25	64	27	135	
1925.....	62	42	36	17	23	45				23	47	38	25	26	71	31	142	
1926.....	55	33	25	17	18	38				23	63	32	26	26	69	31	139	
1927.....	49	36	26	17	19	37				21	45	31	24	27	62	30	135	
1928.....	47	38	31	18	23	42				22	33	33	27	28	66	32	133	
1929.....	42	37	29	18	22	35				21	42	31	27	28	71	33	139	
1930.....	34	34	20	14	17	40				19	45	27	24	24	56	28	123	
1931.....	20	23	13	10	11	26				16	25	17	16	19	43	20	100	
1932.....	16	15	10	8.6	6.8	21				15	16	13	11	14	36	15	88	
1933.....	24	18	13	11	8.7	20				14	25	16	10	15	32	15	94	
1934.....	33	30	20	16	16	25				14	24	23	12	17	39	17	118	
1935.....	35	34	19	18	19	24				18	20	24	20	19	51	24	133	
1936.....	39	33	19	17	18	28				16	36	25	21	21	50	25	139	
1937.....	44	40	18	21	20	32				17	32	27	23	22	49	26	142	
1938.....	27	22	14	18	15	19				15	21	18	20	19	48	23	117	
1939.....	26	23	14	16	15	20				15	25	19	19	19	42	22	117	
1940.....	31	27	16	14	16	22				19	25	21	19	20	43	23	122	
1941.....	35	29	22	16	21	25				21	25	25	25	24	54	29	142	
1942.....	44	36	31	25	28	34				27	39	34	33	27	67	36	159	
1943.....	54	48	33	33	31	56				41	52	43	36	33	84	41	168	
1944.....	60	54	34	36	34	63				36	53	46	34	37	78	41	165	
1945.....	63	53	35	37	35	62				36	57	47	37	39	87	44	161	
1946.....	73	64	47	39	40	65				33	55	53	44	45	88	50	173	
1947.....	99	81	54	38	56	50				40	66	61	58	46	98	60	171	
1948.....	91	82	53	39	54	45				38	68	59	64	51	106	65	166	
1949.....	79	56	48	41	37	53				35	59	52	55	42	97	56	153	
1950.....	82	61	55	41	42	52				32	46	54	60	42	82	58	151	
1951.....	88	72	66	45	52	49				41	53	61	72	48	100	70	161	
1952.....	89	74	61	44	45	51	( <sup>4</sup> )	( <sup>5</sup> )		41	85	62	63	51	90	64	150	
1953.....	85	65	52	45	43	53	53	46		37	50	55	51	45	97	56	140	
1954.....	84	64	54	46	47	56	57	43		34	47	56	50	41	78	52	135	
1955.....	83	58	53	45	38	55	55	45		36	49	53	44	42	84	49	128	
1956.....	82	58	52	47	39	58	59	47		38	58	54	42	43	77	47	125	
1957.....	82	53	51	48	37	55	56	45		37	41	52	49	44	71	51	121	
1958.....	76	49	50	50	35	67	72	48		41	47	52	59	43	75	57	128	
1959.....	74	49	52	52	34	58	61	48		41	46	51	55	43	63	53	123	
1960.....	74	48	50	51	33	66	70	46		39	56	51	52	44	70	53	118	
1961.....	76	48	51	54	39	66	70	45		38	43	52	53	44	64	52	120	
1962.....	82	49	53	55	38	63	66	50		43	43	54	55	43	64	53	118	
1963.....	82	52	53	51	40	79	85	47		41	43	55	51	43	64	51	118	
1964.....	69	53	51	50	39	83	88	50		43	63	55	48	43	62	49	116	
1965.....	59	55	48	53	41	65	67	53		46	81	53	56	44	63	54	115	
1966.....	67	57	42	57	45	67	67	57		52	53	55	62	50	69	60	118	
1967.....	64	55	37	57	41	61	61	57		51	52	52	60	52	57	57	112	
1968.....	58	50	38	58	40	82	85	61		54	54	52	61	54	61	60	110	
1969.....	56	53	34	61	38	62	62	60		56	56	50	71	57	69	67	111	
1970.....	59	57	36	62	41	59	59	59		56	60	52	72	59	64	67	109	
1971.....	61	59	40	64	46	67	69	65		64	56	56	72	61	59	67	107	
1972.....	70	57	48	70	51	72	74	65		65	62	60	88	63	60	77	111	
1973.....	138	90	54	74	93	84	84	76		79	106	91	118	74	101	104	138	
1974.....	192	134	85	85	96	86	84	81		77	150	117	98	86	94	105	130	
1975.....	155	127	68	93	81	85	84	92		88	108	105	100	90	103	98	113	
1976.....	129	120	99	93	85	80	80	91		88	104	102	101	100	102	101	107	
1977.....	100	100	100	100	100	100	100	100		100	100	100	100	100	100	100	100	
1978.....	122	101	91	109	93	137	144	105		106	104	105	134	109	106	124	115	106
1979.....	147	114	96	118	103	144	151	110		109	92	116	166	124	111	147	132	107
1980.....	165	132	114	125	102	124	128	113		110	129	125	156	135	112	144	134	97
1981*.....	166	141	111	140	110	129	131	136		135	179	134	150	142	116	143	138	92

<sup>1</sup>Fresh market for noncitrus, and fresh market and processing for citrus. <sup>2</sup>Ratio of Index of Prices Received (1977=100) to Index of Prices Paid (1977=100). <sup>3</sup>Series starts in 1924. <sup>4</sup>Series starts in 1953. <sup>5</sup>Preliminary.

Statistical Reporting Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971-73 for the 1965-81 indexes.

Table 603.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1965-81 <sup>1</sup>

[1910-14=100]

Year	Family living indexes							Production indexes					
	Family living (all commodities)	Food	Clothing	Housing <sup>2</sup>	Autos and auto supplies	Medical and health care <sup>2</sup>	Education, recreation, and other <sup>2</sup>	Production (all commodities)	Feed	Feeder livestock	Seed	Fertilizer	Agricultural chemicals
1965	305	306	362	323	334	307	306	277	207	348	237	152	271
1966	314	323	375	327	338	320	315	289	216	396	234	149	274
1967	320	322	392	333	346	342	323	290	213	386	238	147	277
1968	334	331	416	345	363	363	337	290	200	402	247	138	279
1969	348	348	442	355	377	388	352	302	204	453	252	128	275
1970	363	368	467	361	392	413	371	313	216	472	267	129	270
1971	379	375	487	376	415	440	387	328	224	483	294	134	274
1972	394	395	512	393	428	455	401	351	226	575	321	138	284
1973	426	460	559	424	452	472	412	424	342	742	397	150	292
1974	484	531	637	496	530	513	438	481	414	570	512	246	329
1975	533	574	682	558	595	576	474	528	399	517	582	320	443
1976	563	589	739	592	639	631	495	559	408	594	574	272	481
1977	573	(*)	(*)	(*)	(*)	(*)	(*)	579	398	611	621	266	434
1978	616	(*)	(*)	(*)	(*)	(*)	(*)	628	390	853	650	265	407
1979	683	(*)	(*)	(*)	(*)	(*)	(*)	720	436	1,129	681	287	415
1980	776	(*)	(*)	(*)	(*)	(*)	(*)	799	491	1,084	736	357	443
1981	858	(*)	(*)	(*)	(*)	(*)	(*)	854	532	1,004	858	383	480

  

Year	Production indexes—Continued							Interest	Taxes	Wage rates <sup>6</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates <sup>7</sup>
	Fuels and energy	Farm and motor supplies	Autos and trucks	Tractors and self-propelled machinery	Other machinery	Building and fencing	Farm services and cash rent <sup>5</sup>					
1965	174	266	457	465	424	391	387	740	728	335	322	
1966	175	265	470	487	437	399	435	795	785	351	335	
1967	177	268	491	507	455	405	486	849	847	356	341	
1968	178	272	525	531	476	430	545	932	919	364	349	
1969	181	279	552	564	501	457	607	1,020	1,011	381	366	
1970	185	290	587	590	526	458	665	1,095	1,083	397	382	
1971	190	298	645	619	556	491	328	725	1,158	1,139	417	400
1972	191	305	673	651	590	530	357	796	1,206	1,205	447	425
1973	204	320	714	695	633	594	396	945	1,236	1,314	532	491
1974	281	392	793	816	725	733	482	1,139	1,305	1,506	605	558
1975	313	450	940	990	895	835	578	1,329	1,400	1,627	665	613
1976	331	439	1,043	1,102	1,025	871	621	1,519	1,515	1,781	709	653
1977	357	441	1,151	1,205	1,120	928	674	1,744	1,612	1,915	743	689
1978	376	458	1,218	1,315	1,211	1,001	720	2,050	1,608	2,053	808	747
1979	488	506	1,343	1,466	1,332	1,099	791	2,465	1,725	2,247	930	850
1980	672	592	1,417	1,640	1,483	1,185	853	2,928	1,894	2,426	1,031	950
1981	762	647	1,650	1,831	1,637	1,241	925	3,393	2,007	2,611	1,112	1,031

<sup>1</sup>Index values for 1965 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965 to April 1976 are available upon request.

<sup>2</sup>Based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>3</sup>Beginning 1977, based on Consumer Price Indexes of Bureau of Labor Statistics.

<sup>4</sup>Discontinued.

<sup>5</sup>New index, values for years prior to 1971 are not available.

<sup>6</sup>Simple average of seasonally adjusted quarterly indexes.

<sup>7</sup>The index known as the Parity Index is the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Wage Rates expressed on the 1910-14=100 base.

Statistical Reporting Service.

Table 604.—Prices paid by farmers: Prices, by commodities, United States, 1977-81 <sup>1 2</sup>

Commodity and unit	1977	1978	1979	1980	1981
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Building materials:</b>					
Framing lumber, 2 by 4 inches, per 1,000 board feet:					
Pine, Standard and better.....	307.00	353.00	382.00	368.00	345.00
Fir, Standard and better.....	346.00	393.00	430.00	409.00	387.00
Boards, per 1,000 board feet:					
Rough, for farm fences and construction <sup>3</sup> .....	371.00	401.00	455.00	468.00	463.00
Dressed, 1-inch, pine S4S, standard and better or No. 2 and better <sup>4</sup> .....	436.00	504.00	580.00	599.00	613.00
Drop siding, per 1,000 board feet:					
Pine, C and better.....	522.00				
Flooring, per 1,000 board feet:					
Yellow pine, B and better.....	556.00				
Oak Select.....	656.00				
Doors flush, hollow-core, each.....	16.20				
House windows, D.H. Unit with frames and sashes.....	48.70				
Nails, 8d, common, per pound.....	.487	.502	.538	.603	.656
Screen, wire, galvanized, 16-mesh, 30-inch width, per linear foot.....	.405				
Roofing, galvanized steel, per 100 square feet.....	32.10	34.20	37.20	39.60	41.70
Asbestos siding shingles, per square.....	45.30				
Gypsum board, ½ inch, per 1,000 square feet.....	92.20				
Shingles, asphalt, per square.....	21.70	23.70	26.30	30.50	30.50
Insulating sheathing, (asphalt-treated) regular density, ½-inch, per sheet 4 feet by 8 feet <sup>5</sup> .....	110.00	126.00	4.17	4.14	4.52
Bricks, common, per 1,000.....	134.00				
Concrete blocks, per 100.....	54.90	60.60	68.10	75.70	82.30
Portland cement, per 94 pounds.....	3.67	4.05	4.58	5.03	5.43
Paint, house, exterior, latex per gallon <sup>6</sup> .....	12.20	12.60	13.50	14.50	15.60
Barbed wire, 2-point, per spool of 80 rods.....	27.00	27.70	30.40	32.90	35.70
Barbed wire, 4-point, per spool of 80 rods.....	30.00	30.60	33.70	36.70	39.10
Posts, wood, farm line fence, each.....	2.05	2.24	2.63	3.47	3.75
Posts, steel, each.....	2.32	2.37	2.58	2.86	3.02
Staples, fence, per pound.....	.526	.546	.592	.647	.713
Woven wire fencing, 32-inch, per 20-rod roll.....	56.40	60.00	67.10	74.70	78.80
Iron pipe, galvanized, 1½-inch, I.D., per foot.....	1.28	1.35	1.50	1.65	1.86
Plastic tubing, 1-inch, I.D., per foot.....	.199	.211	.224	.233	.246
<b>Fuels and energy:</b>					
Fuel, per gallon:					
Diesel fuel.....	.449	.462	.683	.988	1.16
Gasoline, service station, unleaded regular <sup>7</sup> .....	.610	.651	.878	1.24	1.38
Gasoline, bulk delivery, leaded regular <sup>8</sup> .....	.569	.597	.801	1.15	1.29
Furnace or fuel oil.....	.462	.483			
L. P. gas, bulk delivery.....	.389	.404	.441	.619	.697
Electricity, per kilowatt hour.....	.0368	.0398	.0424	.0472	.0534
<b>Motor supplies:</b>					
Grease, 35 lb. pail.....	15.20	16.80	19.40	25.00	28.60
<b>Motor oil, per gallon:</b>					
All weather, high detergent.....	2.95	3.11	3.95	4.38	5.20
Heavy duty, detergent.....	2.56	2.70	2.99	3.90	4.75
Regular, nondetergent.....	2.17	2.31	2.60	3.46	4.29
Spark plugs, each.....	1.39	1.44	1.58	1.65	1.77
Storage batteries, CPR 220-310 amps, each.....	37.00	39.50	45.50	51.90	51.80
<b>Tires:</b>					
Auto tires, bias-belted const., E78-14, tubeless each <sup>9</sup> .....	43.00	43.40	45.90	51.00	51.00
Auto tires, radial, steel-belted, P/195/75R14/ER78-14 tubeless, each <sup>10</sup> .....	66.00	66.40	69.50	76.20	72.70
Truck tires, 7.50-20, 10-ply, each.....	87.00	90.10			
Truck tires, 9.00-20, 10-ply, each.....			140.00	163.00	179.00
Tractor tires, rear, 15.5-38, 6-ply, each.....			244.00	286.00	307.00
Tractor tires, rear, 18.4-34, 6-ply, each.....	280.00	284.00	311.00	366.00	400.00

See footnotes at end of table.

Table 604.—Prices paid by farmers: Prices, by commodities, United States, 1977-81<sup>1 2</sup> —  
Continued

Commodity and unit	1977	1978	1979	1980	1981
	Dollars	Dollars	Dollars	Dollars	Dollars
<b>New motor vehicles:</b>					
<b>Autos, 4-door sedans:</b>					
Compact <sup>11</sup> .....	5,220.00	5,460.00	6,290.00	6,882.00	7,797.00
Intermediate size <sup>12</sup> .....	5,720.00	6,170.00	6,810.00	7,238.00	8,462.00
Low-priced standard size <sup>13</sup> .....	5,940.00				
Medium-priced standard size <sup>14</sup> .....	6,850.00				
Standard <sup>15</sup> .....	6,540.00	6,870.00	7,600.00	8,025.00	9,338.00
<b>New trucks:</b>					
2-ton, cab and chassis, each <sup>16</sup> .....	9,180.00	10,500.00	12,400.00	13,583.00	15,767.00
¾-ton pickup <sup>17</sup> .....	5,800.00	6,310.00	7,020.00	7,248.00	8,335.00
<b>Tractors:</b>					
Wheel, 30-39 maximum P.T.O. horsepower, each.....	7,070.00	7,690.00	8,460.00	9,218.00	10,173.00
Wheel, 50-59 maximum P.T.O. horsepower, each.....	10,000.00	10,900.00	12,000.00	13,275.00	14,742.00
Wheel, 90-99 maximum P.T.O. horsepower, each.....	19,000.00				
<b>Farm machinery:</b>					
Plows, moldboard, 3-bottom, each.....	1,660.00	1,620.00	1,790.00	1,997.00	2,220.00
Plows, moldboard, 5-bottom, each.....	3,800.00	4,100.00	4,740.00	5,250.00	5,850.00
Plows, moldboard, 7-bottom, each.....	5,600.00	6,290.00	7,150.00	7,965.00	8,812.00
Disk harrows, tandem 16-ft., each.....	4,660.00	5,030.00	5,510.00	6,055.00	6,665.00
Disk harrows, tandem, 19-ft., each.....	5,840.00	6,350.00	7,160.00	7,870.00	8,765.00
Cultivators, 4-row, tractor, each.....	1,760.00	1,850.00	1,960.00	2,024.00	2,169.00
Corn planters, 4-row, plain, each.....	3,690.00	4,030.00	4,240.00	4,715.00	5,302.00
Grain drills, tractor-drawn, 16-tube, plain each.....	3,060.00	3,250.00	3,650.00	4,085.00	4,433.00
Grain drills, tractor-drawn, 13-tube, with fertilizer attachment, each.....	2,810.00	3,140.00	3,560.00	4,100.00	4,395.00
Mowers, tractor, 7-ft., each.....	1,230.00	1,330.00	1,520.00	1,602.00	1,771.00
Pick-up balers, automatic tie, P.T.O., each <sup>18</sup> .....	4,590.00	4,980.00	5,560.00	5,869.00	6,475.00
<b>Combines, self-propelled:</b>					
Small capacity, each.....	27,100.00	30,800.00	33,700.00		
Medium capacity, each.....	35,400.00	39,300.00	44,200.00	46,983.00	53,050.00
Large capacity, each.....	45,600.00	51,500.00	59,500.00	64,917.00	73,658.00
Corn picker-huskers, 2-row, each.....	7,600.00	8,310.00	9,040.00	9,393.00	10,533.00
Farm wagons, without box and tires, each.....	606.00	682.00	740.00	783.00	844.00
Power sprayers, boom type, tr. mtd., each.....	1,110.00	1,270.00	1,380.00	1,438.00	1,550.00
Electric motors, ½-horsepower, each.....	45.50	49.80	54.60	60.80	67.70
<b>Farm supplies:</b>					
Hammers, nail, 16 oz. head, with handle, each.....	8.04	8.68	9.57	10.40	11.90
Pitchfork, 4-tine, each.....	11.20	12.40	13.90	14.90	16.60
Hoes, 7-inch blade, each.....	6.32	6.88	7.63	8.36	9.22
Metal pails, 12 quarts, each <sup>19</sup> .....	4.85	5.18	5.62	4.90	4.94
Rope, polypropylene, ½-inch, per 100 feet <sup>20</sup> .....	18.20	18.80	19.90	18.10	19.00
Baier twine, per 40-pound bale.....	14.50	14.80	16.50	23.40	24.90
New baskets, round stave, bushel, with cover, per dozen.....	11.40	12.50	13.90	15.50	17.10
<b>Farm services:</b>					
Telephone, per month.....	9.62	10.30	10.60	10.80	11.50
<b>Fertilizer:</b>					
<b>Mixed fertilizer:</b>					
0-20-20, per ton.....	118.00	121.00	139.00	163.00	176.00
3-9-9, per ton.....	116.00	117.00	127.00	145.00	164.00
4-8-12, per ton.....	117.00	117.00	125.00	144.00	159.00
4-12-24, per ton <sup>21</sup> .....	114.00	116.00	130.00	157.00	
5-10-10, per ton.....	99.50	98.80	113.00	134.00	145.00
5-10-15, per ton.....	100.00	100.00	113.00	137.00	153.00
5-20-20, per ton.....	128.00	128.00	150.00	182.00	187.00
6-24-24, per ton.....	145.00	148.00	172.00	209.00	220.00
10-10-10, per ton.....	112.00	111.00	125.00	148.00	163.00
12-12-12, per ton.....	127.00	129.00	145.00	170.00	183.00
16-20-0, per ton, ammonium phosphate.....	153.00	156.00	177.00	206.00	218.00
18-46-0, per ton.....	184.00	186.00	231.00	288.00	277.00
Nitrate of soda, per ton.....	147.00	146.00	148.00	167.00	191.00
Sulphate of ammonia, per ton.....	102.00	111.00	121.00	137.00	153.00
Ammonium nitrate, per ton.....	143.00	138.00	144.00	165.00	187.00
Superphosphate, 20% P <sub>2</sub> O <sub>5</sub> , per ton <sup>21</sup> .....	102.00	106.00	117.00	131.00	
Superphosphate, 46% P <sub>2</sub> O <sub>5</sub> , per ton.....	148.00				
Superphosphate, 44-46% P <sub>2</sub> O <sub>5</sub> , per ton.....		152.00	189.00	243.00	243.00
Muriate of potash, 60% K <sub>2</sub> O, per ton.....	95.30	98.20	116.00	135.00	152.00
Agricultural limestone, spread on field, per ton.....	9.97	10.50	11.60	13.20	14.80

See footnotes at end of table.

Table 604.—Prices paid by farmers: Prices, by commodities, United States, 1977-1981<sup>1 2</sup>—Continued

Commodity and unit	1977	1978	1979	1980	1981
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
<b>Livestock:</b>					
<b>Feeders and stockers:</b>					
Cattle and calves, per 100 pounds.....	37.00	54.60	74.80	70.00	62.00
Pigs (40-60 lbs. av.), per 100 pounds.....	76.50	99.60	76.50	63.70	76.80
Baby chicks, straight run, per 100.....	16.00	16.30			
Broiler chicks, per 100.....			15.20	15.50	16.50
Egg-type chicks, per 100.....			40.90	44.80	47.70
Turkey poults, each.....	.727	.737	.784	.815	.878
<b>Feed:</b>					
Alfalfa hay, baled, per ton.....	74.20				
Other hay, baled, per ton.....	60.30				
Cottonseed meal, 41% protein per 100 pounds.....	11.40	10.70	12.10	13.20	15.00
Soybean meal, 44% per 100 pounds.....	12.90	11.70	13.00	13.70	14.80
Bran, per 100 pounds.....	7.50	7.37	8.41	9.40	10.30
Middlings, per 100 pounds.....	7.37	7.30	8.27	9.20	9.87
Cornmeal, per 100 pounds.....	5.74	5.86	6.47	7.20	8.19
Laying feed, per ton <sup>22</sup> .....	152.00	152.00	168.00	188.00	210.00
Broiler grower, per ton <sup>22</sup> .....	171.00	169.00	189.00	207.00	227.00
Chick starter, per ton <sup>22</sup> .....	175.00	174.00	192.00	214.00	233.00
<b>Dairy feed:</b>					
14 percent protein, per ton.....	133.00	129.00	145.00	164.00	182.00
16 percent protein, per ton.....	140.00	138.00	156.00	177.00	192.00
18 percent protein, per ton.....		149.00	169.00	189.00	206.00
20 percent protein, per ton.....		150.00	171.00	193.00	209.00
32 percent protein, per ton.....	208.00	203.00	229.00	248.00	277.00
Stock salt, per 100 pounds.....	3.51	3.89	4.31	5.11	5.75
<b>Seeds:</b>					
Barley, per bushel.....	4.45	4.40	4.80	5.29	5.94
Corn, hybrid, per bushel.....	40.00	43.00	45.50	52.50	60.00
Oats, per bushel.....	3.65	3.18	3.58	4.17	4.60
Potatoes, per 100 pounds.....	5.63	5.00	4.60	4.90	11.00
Rye, per bushel.....	5.20	4.90	6.20	6.60	6.76
Soybeans, per bushel.....	13.00	11.50	12.00	10.40	14.00
Wheat, per bushel.....	4.80	5.50	6.40	7.07	7.33
Grain sorghum, hybrid, per 100 pounds.....	41.00	43.00	41.00	45.00	49.40
Alfalfa, uncertified, per 100 pounds.....	156.00	166.00	178.00	176.00	173.00
Alfalfa, certified, per 100 pounds.....	180.00	192.00	213.00	214.00	218.00
Alsike clover, per 100 pounds.....	88.80	65.50			
Red clover, per 100 pounds.....	109.00	124.00	116.00	112.00	115.00
Sweetclover, per 100 pounds.....	38.50	39.00			
Lespedeza, Korean, per 100 pounds.....	62.50	74.00	66.00	52.00	82.00
Sudangrass, per 100 pounds.....	34.50	32.00	33.00	33.50	40.70
Timothy, per 100 pounds.....	67.50	111.00	96.00	87.30	93.20

<sup>1</sup> Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas.

<sup>2</sup> Family living surveys for food, clothing, and household furnishings were discontinued in 1977.

<sup>3</sup> Standard and better or No. 2 and better, 1-inch random widths prior to 1978.

<sup>4</sup> Pine added to description in 1980.

<sup>5</sup> Per 1,000 sq. ft. prior to 1979.

<sup>6</sup> Latex added to description in 1980.

<sup>7</sup> "Gasoline, regular, service station" prior to 1978, "unleaded regular" in 1978.

<sup>8</sup> "Gasoline, regular, bulk delivery" prior to 1978.

<sup>9</sup> G78-15 prior to 1981.

<sup>10</sup> 205-15, GR78-15 prior to 1980.

<sup>11</sup> Current coverage includes Chevrolet Citation, Ford Fairmont, and Plymouth Reliant.

<sup>12</sup> Current coverage includes Chevrolet Malibu Classic, Dodge Diplomat, and Ford Granada.

<sup>13</sup> Current coverage includes Chevrolet Impala, Ford LTD, and Plymouth Gran Fury Brougham.

<sup>14</sup> Current coverage includes Pontiac Catalina and Buick LeSabre.

<sup>15</sup> Current coverage includes Chevrolet Impala, Ford LTD, and Buick LeSabre Limited.

<sup>16</sup> Coverage includes Ford and Chevrolet.

<sup>17</sup> Coverage includes Ford, Chevrolet, and Dodge.

<sup>18</sup> "Conventional size bales, under 200 lbs." added in 1976.

<sup>19</sup> Prior to 1980, "Milk Pails."

<sup>20</sup> Prior to 1980, "manila rope, ½ in., per 100 ft."

<sup>21</sup> Discontinued in 1981.

<sup>22</sup> Specifications call for "complete feed."

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Table 605.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1965-81

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry <sup>1</sup>	Wool	Other livestock and products <sup>2</sup>	Total livestock and products
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1965.....	8,942	3,693	329	5,038	1,785	1,304	455	95	245	21,886
1966.....	10,430	4,093	334	5,532	2,114	1,472	569	101	381	25,026
1967.....	10,550	3,809	302	5,742	1,765	1,314	543	75	283	24,383
1968.....	11,264	3,795	315	5,957	1,893	1,415	490	72	286	25,487
1969.....	12,572	4,742	343	6,196	2,212	1,635	530	70	273	28,573
1970.....	13,633	4,478	334	6,527	2,109	1,564	575	57	255	29,532
1971.....	14,986	4,112	323	6,812	1,782	1,585	585	31	263	30,479
1972.....	18,237	5,317	354	7,136	1,800	1,751	631	56	302	35,584
1973.....	22,336	7,529	390	8,090	2,947	2,908	1,055	120	397	45,772
1974.....	17,844	6,947	369	9,454	2,854	2,558	808	79	413	41,326
1975.....	17,520	7,916	386	9,923	2,814	3,063	933	54	480	43,089
1976.....	19,294	7,488	393	11,428	3,135	3,050	970	73	492	46,323
1977.....	20,225	7,281	386	11,752	2,919	3,235	1,058	77	702	47,635
1978.....	28,111	8,754	453	12,509	2,939	3,845	1,326	76	797	58,810
1979.....	34,400	9,027	474	14,659	3,318	4,189	1,407	91	1,019	68,584
1980.....	31,464	8,921	469	16,605	3,247	4,432	1,479	93	1,086	67,796
1981 <sup>3</sup> .....	28,936	9,799	411	18,106	3,640	4,760	1,517	104	1,210	68,483

  

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables <sup>4</sup>	Other crops <sup>5</sup>	Total crops <sup>6</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1965.....	2,042	3,693	2,330	2,173	1,186	1,650	2,618	1,787	17,479
1966.....	2,373	4,334	1,588	2,703	1,211	1,747	2,612	1,841	18,409
1967.....	2,361	4,393	1,095	2,795	1,391	1,817	2,680	1,902	18,434
1968.....	2,088	4,311	1,316	2,845	1,173	2,000	2,893	2,027	18,696
1969.....	2,214	4,576	1,364	3,049	1,296	2,172	2,842	2,093	19,606
1970.....	2,542	5,109	1,254	3,591	1,388	2,071	2,814	2,208	20,977
1971.....	2,485	5,525	1,487	3,787	1,328	2,305	3,010	2,341	22,269
1972.....	3,498	5,854	1,842	4,393	1,442	2,558	3,285	2,650	25,523
1973.....	7,194	10,605	2,798	7,580	1,570	3,445	4,351	3,572	41,114
1974.....	8,581	13,935	2,893	9,963	2,097	3,441	5,336	4,820	51,065
1975.....	8,195	12,183	2,311	7,480	2,155	3,563	5,346	4,579	45,813
1976.....	7,112	13,127	3,477	9,443	2,310	3,714	5,231	4,619	49,032
1977.....	6,055	11,906	3,470	9,722	2,331	4,603	5,609	4,872	48,569
1978.....	5,839	11,427	3,465	13,023	2,604	5,764	5,941	5,614	53,676
1979.....	9,047	14,042	4,305	14,326	2,271	6,467	6,452	6,219	63,128
1980.....	10,386	18,295	4,469	15,456	2,672	6,575	7,023	6,865	71,739
1981 <sup>3</sup> .....	12,399	18,267	4,552	14,106	3,253	6,542	8,407	7,459	74,984

<sup>1</sup> Ducks, geese, guineas, pigeons, quail, pheasants, and turkey hatching eggs.<sup>2</sup> Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.<sup>3</sup> Preliminary.<sup>4</sup> Includes melons.<sup>5</sup> Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broomcorn, popcorn, hem fiber and seeds, and flax fiber.<sup>6</sup> Totals may not add due to rounding.

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## FOOTNOTES FOR TABLE 601

<sup>1</sup> Fresh market for noncitrus, and fresh market and processing for citrus.<sup>2</sup> Ratio of Index of Prices Received to the Parity Index; (Index of prices paid by farmers for commodities and services, interest, taxes, and farm wage rates).<sup>3</sup> Preliminary.

Statistical Reporting Service. These indexes are computed using the price estimates of averages for all classes and grades for individual commodities being sold in local farm markets. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1971-73 for 1966-76 indexes. (See table 602 for data on 1977=100 basis.)

Table 606.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1910-81<sup>1</sup>

[1977 = 100]

Year	Production indexes													Interest	Taxes	Wage rates <sup>3</sup>	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates <sup>4</sup>
	Production (all commodities)	Feed	Feeder live-stock	Seed	Fertilizer	Agricultural chemicals <sup>5</sup>	Fuels and energy <sup>5</sup>	Farm and motor supplies <sup>5</sup>	Autos and trucks <sup>5</sup>	Tractors and self-propelled machinery <sup>5</sup>	Other machinery <sup>5</sup>	Building and fencing	Farm services and cash rent <sup>2</sup>					
1910.....	17	25	15	15	37							11		5	6	5	13	14
1911.....	17	25	14	17	37							11		5	6	5	13	14
1912.....	18	26	16	19	38							11		6	6	5	14	15
1913.....	17	24	18	15	38							11		6	6	5	14	15
1914.....	18	26	19	14	38							10		7	7	5	14	15
1915.....	18	25	19	14	41							11		7	7	5	16	17
1916.....	20	27	20	20	46							13		8	8	6	20	21
1917.....	27	44	26	26	51							15		8	8	7	24	25
1918.....	31	47	30	28	65							17		9	9	9	26	29
1919.....	34	52	30	32	68							20		10	10	11	27	31
1920.....	34	52	26	38	68							22		12	13	13	20	22
1921.....	22	26	14	20	57							17		14	15	8	20	22
1922.....	22	28	18	19	48							17		15	16	8	22	23
1923.....	24	34	18	20	50							17		15	16	9	22	23
1924.....	24	35	19	20	47							17		14	17	10	22	24
1925.....	25	36	20	23	52							18		14	16	9	22	23
1926.....	24	31	21	27	52							17		13	17	10	22	23
1927.....	24	32	24	24	45							17		13	17	10	22	23
1928.....	25	35	30	21	49							17		13	17	10	22	24
1929.....	25	34	29	21	49							17		12	17	10	22	23
1930.....	23	31	22	21	47							17		12	18	9	21	22
1931.....	20	22	15	17	43							15		11	17	7	18	19
1932.....	17	16	12	11	38							14		11	16	5	16	16
1933.....	17	18	11	12	35							14		9	14	5	15	16
1934.....	20	26	11	17	39							16		8	12	5	16	17
1935.....	21	27	19	20	39							15		8	11	6	17	18
1936.....	21	27	18	18	37							15		7	11	6	17	18
1937.....	23	31	21	25	39							16		7	11	7	18	19
1938.....	21	23	20	18	38							16		6	12	7	17	18
1939.....	21	23	23	15	38							16		6	12	7	17	18
1940.....	21	25	23	16	37							16		6	12	7	17	18

PRICES PAID BY FARMERS

1941	22	27	26	16	37							17		6	12	8	18	19
1942	26	33	31	21	41							18		5	12	10	21	22
1943	28	39	35	26	44							19		5	12	14	23	25
1944	30	43	33	30	44							20		5	12	17	25	26
1945	30	43	36	31	45							21		4	12	19	26	28
1946	33	50	41	32	45							23		4	13	20	29	30
1947	39	59	51	36	50							30		4	15	22	33	35
1948	43	63	63	42	55							33		4	17	23	36	38
1949	41	52	56	38	56							33		4	19	22	35	36
1950	42	53	66	37	54							34		5	20	22	36	37
1951	47	59	80	38	57							37		6	21	25	39	41
1952	47	63	67	42	59							38		6	22	26	40	42
1953	44	57	48	39	59							38		7	23	27	38	40
1954	44	57	49	36	59							38		7	24	27	38	40
1955	43	53	49	38	58							38		8	25	27	38	40
1956	43	52	45	33	57							40		9	27	28	38	40
1957	44	51	51	35	58							41		10	29	29	39	42
1958	46	50	62	34	58							42		10	31	30	40	43
1959	46	50	62	33	57							42		11	33	32	41	43
1960	46	49	59	34	57							42		13	37	33	41	44
1961	46	49	58	34	58							42		14	39	33	42	44
1962	47	50	61	35	58							42		15	41	34	43	45
1963	47	52	57	37	57							42		17	42	35	43	45
1964	47	52	57	37	57							42		19	44	36	43	45
1965	48	52	57	38	57	62	49	60	40	39	38	42		22	46	38	45	47
1966	50	54	65	38	56	63	49	60	41	40	39	43		25	49	41	47	49
1967	50	54	63	38	55	64	50	61	43	42	41	44		28	53	44	48	49
1968	50	50	66	40	52	64	50	62	46	44	43	46		31	58	48	49	51
1969	52	51	74	41	48	63	51	63	48	47	45	49		35	63	53	51	53
1970	54	54	77	43	48	62	52	66	51	49	47	49		38	68	57	54	55
1971	57	56	79	47	50	63	53	68	56	51	50	53	49	42	72	59	56	58
1972	61	57	94	52	52	65	54	69	58	54	53	57	53	46	75	63	60	62
1973	73	86	121	64	56	67	57	73	62	58	57	64	59	54	77	69	72	71
1974	83	104	93	82	92	76	79	89	69	68	65	79	72	65	81	79	81	81
1975	91	100	85	94	120	102	88	102	82	82	80	90	86	76	87	85	89	89
1976	97	103	97	92	102	111	93	100	91	91	92	94	92	87	94	93	95	95
1977	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1978	108	98	140	105	100	94	105	104	106	109	108	108	107	118	100	107	109	108
1979	125	110	185	110	108	96	137	115	117	122	119	118	117	141	107	117	125	123
1980	138	123	177	118	134	102	188	134	123	136	132	128	127	168	117	127	139	138
1981	148	134	164	138	144	111	213	147	143	152	146	134	137	195	124	136	150	150

<sup>1</sup> Index values for 1966 through 1975 were revised and published in May 1976 using 1971-73 weights. Indexes were reordered and several new indexes introduced. Revised monthly indexes for January 1965-April 1975 are available upon request.

<sup>2</sup> New index; values for years prior to 1971 are not available.

<sup>3</sup> Simple average of seasonally adjusted quarterly indexes.

<sup>4</sup> Family Living Component included.

<sup>5</sup> Data not available prior to 1965.

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Table 607.—Agricultural commodity support

Commodity and unit	1967	1968	1969	1970	1971	1972
<b>MANDATORY</b> <sup>3</sup>						
<i>Dollars Dollars Dollars Dollars Dollars Dollars</i>						
<b>Basic commodities:</b>						
<b>Corn:</b>						
Support level <sup>4</sup> ..... bushel.....	1.35	1.35	1.35	1.35	1.35	1.41
Loan rate..... do.....	1.05	1.05	1.05	1.05	1.05	1.05
<b>Cotton:</b>						
<b>American upland:<sup>5</sup></b>						
Support level <sup>4</sup> ..... pound.....	3178	3249	3498	3705	3500	3585
Loan rate <sup>6</sup> ..... do.....	2025	2025	2025	2025	1950	1950
<b>Extra-long staple:</b>						
Support level <sup>4</sup> ..... do.....	4700	4869	4888	4979	5109	5135
Loan rate..... do.....	4700	4000	4000	4050	3840	3850
Peanuts..... do.....	1135	1201	1238	1275	1342	1425
<b>Rice:</b>						
Support level <sup>4</sup> ..... cwt.....						
Loan rate..... do.....	4.55	4.60	4.72	4.86	5.07	5.27
<b>Wheat:</b>						
Support level <sup>4</sup> ..... bushel.....	2.61	2.63	2.77	2.82	2.93	3.02
Loan rate..... do.....	1.25	1.25	1.25	1.25	1.25	1.25
<b>Tobacco:</b>						
Flue-cured, types 11-14..... pound.....	599	616	638	666	694	727
Fire-cured, types 21-23..... do.....	419	431	446	466	485	508
Barley, type 31..... do.....	618	635	658	686	715	749
Maryland, type 32..... do.....						
Dark air-cured, types 35-36..... do.....	373	383	397	414	431	452
Virginia sun-cured, type 37..... do.....	373	383	397	414	431	452
Cigar filler, Puerto Rican, type 46..... do.....	321	330	342	356	371	389
Cigar binder, types 51-52..... do.....	428	440	455	475	495	519
Ohio-Miami filler, types 42-44..... do.....	309	317	329	343	358	375
<b>Nonbasic commodities:</b>						
Butterfat..... do.....	680	660	686	715	(*)	
Milk for manufacturing..... cwt.....	4.00	4.28	4.28	4.66	4.93	4.93
Honey, wholesale, extracted..... pound.....	125	125	130	130	140	130
Mohair..... do.....	764	774	774	802	802	802
Tung nuts..... ton.....	63.34	64.22	68.25	70.85	73.45	74.74
Wool..... pound.....	.66	.67	.69	.72	.72	.72
<b>Barley:<sup>10</sup></b>						
Support level <sup>4</sup> ..... bushel.....	.90	.90	1.03	1.03	1.81	1.10
Loan rate..... do.....	.90	.90	.83	.83	.81	.86
<b>Sorghum grain:<sup>10</sup></b>						
Support level <sup>4</sup> ..... cwt.....	2.14	2.14	2.14	2.14	2.21	2.39
Loan rate..... cwt.....	1.61	1.62	1.61	1.61	1.73	1.79
Oats <sup>10</sup> ..... bushel.....	.63	.63	.63	.63	.54	.54
Rye <sup>10</sup> ..... do.....	1.02	1.02	1.02	1.02	.89	.89
<b>NONMANDATORY</b>						
<b>Nonbasic Commodities:</b>						
Beans, dry edible..... cwt.....	6.37	6.38	6.39	6.40	6.40	6.40
Cottonseed <sup>13</sup> ..... ton.....	48.00	48.00	37.00	37.00	(12)	(12)
Flaxseed..... bushel.....	2.90	2.90	2.75	2.50	2.50	2.50
Soybeans..... do.....	2.50	2.50	2.25	2.25	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>Support level for 1974 through 1982 represents the statutory established price (the so-called target price) except for extra-long staple cotton.

<sup>3</sup>Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

<sup>4</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>5</sup>1-inch middling through 1973, 1½ strict low middling 1974 and subsequent years.

<sup>6</sup>Subsequent to 1970, loans are made on net weight basis rather than gross weight basis.

prices per unit, United States, 1967-82 <sup>1</sup>

1973	1974 <sup>2</sup>	1975 <sup>2</sup>	1976 <sup>2</sup>	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1980 <sup>2</sup>	1981 <sup>2</sup>	1982 <sup>2</sup>
Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1.64	1.38	1.38	1.57	2.00	2.10	2.20	2.35	2.40	2.70
1.05	1.10	1.10	1.50	2.00	2.00	2.00	2.25	2.40	2.55
.4152	.3800	.3800	.4320	.4780	.5200	.5770	.5840	.7087	.7100
.1950	.2526	.3427	.3712	.4258	.4800	.5023	.4800	.5246	.5708
.5421	.6058	.7410	.7475	.7670	.8320	.9295	.9350	.9900	.9989
.3820	.4972	.6774	.7324	.7670	.8320	.9295	.9350	.9900	.9989
.1642	.1830	.1972	.2070	.2153	.2100	.2100	.2275	.2275	.2750
6.07	7.54	8.52	8.25	8.25	8.57	9.05	9.49	10.68	10.85
			6.19	6.19	6.40	6.79	7.12	8.01	8.14
3.39	2.05	2.05	2.29	*2.90	3.40	3.40	3.63	3.81	4.05
1.25	1.37	1.37	2.25	2.25	2.35	2.50	3.00	3.20	3.55
.766	.833	.932	1.060	1.138	1.210	1.293	1.415	1.587	1.759
.535	.582	.652	.741	.795	.846	.904	.989	1.110	1.230
.789	.858	.961	1.093	1.173	1.247	1.333	1.459	1.636	1.813
476	518	580	659	707	752	804	880	987	1,094
476	518	580	659	707	752	804	880	987	1,094
410	446	499	567	609	647	692	757	849	941
546	594	665	756	812	863	923	1,010	1,133	1,255
395	429	480	546	586	623	667	729	818	907
5.29	6.57	7.24	8.13	9.00	9.87	11.49	12.36	13.10	13.25
.161	.206	.255	.294	.327	.368	.439	.503	.574	.604
.802	.802	.802	.802	1.498	1.647	1.943	2.903	3.718	3.977
74.75	80.60	79.95	80.00						
.72	.72	.72	.72	.99	1.08	1.15	1.23	1.35	1.37
1.27	1.13	1.13	1.28	1.39	2.25	2.40	2.55	2.60	2.60
.86	.90	.90	1.22	1.63	1.63	1.71	1.83	1.95	2.08
2.61	2.34	2.34	2.66	2.89	4.07	4.11	4.46	4.55	4.64
1.79	1.88	1.88	2.55	2.70	3.39	3.57	3.82	4.07	4.32
.54	.54	.54	.72	1.03	1.03	1.08	1.16	1.24	1.31
.89	.89	.89	1.20	1.70	1.70	1.79	1.91	2.04	2.17
6.40	6.40	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )
2.50	2.50	( <sup>12</sup> )	( <sup>12</sup> )	( <sup>12</sup> )	4.50	4.50	4.50	( <sup>12</sup> )	( <sup>12</sup> )
2.25	2.25	( <sup>12</sup> )	2.50	3.50	4.50	4.50	5.02	5.02	( <sup>14</sup> )

<sup>7</sup> Preliminary.

<sup>8</sup> Target level for wheat planted within allotment was \$2.90; target level of \$2.47 for unplanted allotment acreage.

<sup>9</sup> Suspended since 1971.

<sup>10</sup> Grade No. 2 or better except for oats which is Grade No. 3.

<sup>11</sup> Payment rate dropped; support level and loan rate are the same.

<sup>12</sup> No support program.

<sup>13</sup> For ginners purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs.

<sup>14</sup> Not available.

Agricultural Stabilization and Conservation Service.

Table 608.—Farm income: Gross and net income from farming, United States, 1965-81

Year	Gross income									Production expenses	Net income of farm operators	
	Cash receipts			Nonmoney and other farm income					Total		Current dollars	1967 dollars
	Farm marketings	Government payments	Total	Home consumption	Imputed rent	Other farm income	Change in inventory	Total				
<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	
1965	39,365	2,463	41,828	811	2,481	387	1,042	4,721	46,549	33,650	12,899	13,650
1966	43,435	3,277	46,712	824	2,599	416	-83	3,756	50,468	36,508	13,960	14,362
1967	42,817	3,079	45,896	736	2,747	484	657	4,624	50,520	38,181	12,339	12,339
1968	44,183	3,462	47,645	719	2,838	521	124	4,202	51,847	39,525	12,322	11,825
1969	48,179	3,794	51,973	731	3,046	559	99	4,435	56,408	42,115	14,293	13,017
1970	50,509	3,717	54,226	776	3,097	558	6	4,436	58,663	44,427	14,235	12,240
1971	52,748	3,145	55,893	744	3,293	641	1,397	6,075	61,968	47,196	14,722	12,178
1972	61,106	3,961	65,067	889	3,540	665	861	5,955	71,022	52,116	18,906	15,089
1973	86,886	2,607	89,493	1,115	3,969	827	3,406	9,317	98,810	65,387	33,423	25,111
1974	92,391	530	92,921	1,190	4,688	847	-1,611	5,114	98,036	72,035	26,001	17,604
1975	88,902	807	89,709	1,514	5,375	1,006	3,400	11,295	101,004	75,757	25,247	15,662
1976	95,355	734	96,089	1,185	6,027	1,033	-2,366	5,878	101,967	83,300	18,667	10,948
1977	96,203	1,819	98,022	1,160	7,294	1,162	971	10,588	108,610	90,176	18,434	10,156
1978	112,486	3,030	115,516	1,186	8,238	1,234	1,071	11,728	127,244	100,589	26,655	13,641
1979	131,711	1,375	133,087	1,321	9,753	1,547	5,613	18,234	151,320	118,974	32,347	14,879
1980	139,535	1,286	140,821	1,157	11,373	1,550	-4,292	9,789	150,610	130,485	20,125	8,154
1981 <sup>1</sup>	143,466	1,932	145,399	1,164	12,728	1,934	5,528	21,354	166,753	141,636	25,117	9,221

<sup>1</sup> Preliminary.

Economic Research Service.

Table 609.—Farm income: Cash receipts from farming and value of home consumption, by States, 1981 (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 payment	Total	Livestock and products	Crops		Total
	Livestock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	
Ala.....	1,263,888	964,579	2,228,467	21,362	2,249,829	19,988	5,422	25,410	2,275,239
Alaska.....	4,928	8,122	13,050	352	13,402	718	0	718	14,120
Ariz.....	727,354	979,223	1,706,577	5,860	1,712,437	6,372	6,047	12,419	1,724,856
Ark.....	1,611,497	1,825,112	3,436,609	40,125	3,476,734	29,523	4,126	33,649	3,510,383
Calif.....	4,220,808	9,675,406	13,896,214	23,368	13,919,582	23,145	4,943	28,088	13,947,670
Colo.....	2,012,335	1,072,942	3,085,277	47,597	3,132,874	12,592	592	13,184	3,146,058
Conn.....	186,037	142,071	328,108	395	328,503	2,113	515	2,628	331,131
Del.....	271,539	120,967	392,506	1,751	394,257	1,175	107	1,282	395,539
Fla.....	1,029,384	3,016,768	4,046,152	10,992	4,057,144	11,184	7,244	18,428	4,075,572
Ga.....	1,739,818	1,606,354	3,346,172	38,055	3,384,227	19,235	8,031	27,266	3,411,493
Hawaii.....	83,171	383,386	471,557	716	472,273	1,720	0	1,720	473,993
Idaho.....	956,202	1,322,020	2,278,222	29,495	2,307,717	13,329	1,274	14,603	2,322,320
Ill.....	2,224,893	5,419,988	7,644,881	49,236	7,694,117	40,263	5,700	45,963	7,740,080
Ind.....	1,701,855	2,615,650	4,317,505	27,890	4,345,395	24,003	2,602	26,605	4,372,000
Iowa.....	5,725,464	4,989,996	10,715,460	58,170	10,773,630	61,322	2,829	64,151	10,837,781
Kans.....	3,177,414	2,314,656	5,492,070	231,760	5,723,830	18,644	1,774	20,418	5,744,248
Ky.....	1,358,683	1,423,900	2,782,583	14,346	2,796,929	34,240	8,913	43,153	2,840,082
La.....	452,465	1,261,207	1,713,672	15,435	1,729,107	11,520	2,323	13,843	1,742,950
Maine.....	279,936	184,775	464,711	2,345	467,056	4,750	1,864	6,614	473,670
Md.....	697,142	364,151	1,061,293	2,961	1,064,254	9,348	799	10,147	1,074,401
Mass.....	136,853	156,648	293,501	837	294,338	2,261	631	2,892	297,230
Mich.....	1,111,057	1,678,160	2,789,217	17,263	2,806,480	26,669	6,404	33,073	2,839,553
Minn.....	3,390,413	3,521,641	6,912,054	79,121	6,991,175	32,623	8,403	41,026	7,032,201
Miss.....	863,677	1,382,504	2,246,181	19,522	2,265,703	16,948	5,156	22,104	2,287,807
Mo.....	2,313,920	1,910,100	4,224,020	105,401	4,329,421	33,167	5,036	38,203	4,367,624
Mont.....	629,058	854,196	1,483,254	85,131	1,568,385	11,995	894	12,889	1,581,274
Nebr.....	3,520,799	2,855,229	6,376,028	101,019	6,477,047	23,704	1,506	25,210	6,502,257
Nev.....	134,971	80,625	215,596	3,742	219,338	3,182	63	3,245	222,583
N.H.....	70,510	26,706	97,216	714	97,930	2,225	784	3,009	100,939
N.J.....	106,229	353,081	459,310	1,465	460,775	13,055	497	13,552	474,327
N. Mex.....	542,388	300,579	842,967	25,961	868,928	7,690	906	8,596	877,524
N.Y.....	1,876,071	844,702	2,720,773	6,910	2,727,683	24,914	2,237	27,151	2,754,834
N.C.....	1,585,435	2,650,855	4,236,290	15,547	4,251,837	40,787	11,828	52,615	4,304,452
N. Dak.....	594,031	2,208,798	2,802,829	130,659	2,933,488	12,859	1,076	13,935	2,947,423
Ohio.....	1,428,635	2,020,944	3,449,579	24,089	3,473,668	25,235	3,931	29,166	3,502,834
Okla.....	1,831,799	1,023,551	2,855,350	124,474	2,979,824	29,392	3,064	32,456	3,012,280
Oreg.....	570,718	1,143,940	1,714,658	19,336	1,733,994	25,102	2,435	27,537	1,761,531
Pa.....	2,147,612	758,011	2,905,623	11,878	2,917,501	33,099	4,547	37,646	2,955,147
R.I.....	14,154	19,556	33,710	156	33,866	359	65	424	34,290
S.C.....	398,576	719,104	1,117,680	15,930	1,133,610	10,116	4,379	14,495	1,148,105
S. Dak.....	1,865,430	923,889	2,789,319	90,724	2,880,043	17,785	1,031	18,816	2,898,859
Tenn.....	838,733	996,903	1,835,636	20,674	1,856,310	38,059	11,096	49,155	1,905,465
Tex.....	5,423,442	4,711,748	10,135,190	321,365	10,456,555	51,176	9,765	60,941	10,517,496
Utah.....	412,821	142,084	554,905	7,817	562,722	10,971	1,019	11,990	574,712
Vt.....	365,645	30,284	395,929	1,562	397,491	6,294	2,586	8,880	406,371
Va.....	911,026	732,582	1,643,608	10,818	1,654,426	26,090	6,302	32,392	1,686,818
Wash.....	896,004	1,969,260	2,865,264	37,297	2,902,561	52,349	2,555	54,904	2,957,465
W. Va.....	163,449	54,448	217,897	2,988	220,885	12,310	1,923	14,233	235,118
Wis.....	4,146,475	1,069,450	5,215,925	16,877	5,232,802	55,420	3,263	58,683	5,291,485
Wyo.....	462,768	153,032	615,800	10,702	626,502	4,749	227	4,976	631,478
U.S.....	68,482,512	74,983,883	143,466,395	1,932,190	145,398,585	995,769	168,714	1,164,483	146,563,068

<sup>1</sup> Value of farm products consumed directly in farm households where produced.  
Economic Research Service.

Table 610.—Personal income: Total and per capita, by residence, United States, 1965-81

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 <sup>2</sup>	Farm population from all sources	Nonfarm population from all sources	Total population from all sources <sup>3</sup>	
	From farm sources <sup>1</sup>	From nonfarm sources <sup>2</sup>	From all sources						
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars	Dollars	Percent
1965	11,968	10,627	22,595	518,058	540,653	1,606	2,505	2,448	65.6
1966	12,608	11,205	23,813	564,354	588,167	1,894	2,658	2,613	71.3
1967	11,117	11,737	22,854	607,135	629,989	1,925	2,805	2,757	68.6
1968	11,271	12,828	24,099	666,505	690,604	2,099	3,003	2,956	69.9
1969	12,927	13,929	26,856	727,817	754,673	2,332	3,195	3,152	73.0
1970	13,091	14,659	27,750	783,338	811,088	2,446	3,438	3,390	72.1
1971	13,619	15,573	29,192	839,256	868,448	2,722	3,662	3,620	74.3
1972	17,027	18,298	35,325	916,028	951,353	3,244	3,890	3,860	83.3
1973	20,166	20,463	49,629	1,114,312	1,065,183	4,490	4,307	4,315	104.0
1974	23,123	23,113	46,236	1,122,357	1,168,593	4,257	4,687	4,667	91.2
1975	22,669	19,839	42,508	1,222,455	1,264,963	4,559	5,095	5,075	89.8
1976	16,940	20,289	37,229	1,353,963	1,391,192	4,239	5,522	5,477	77.4
1977	17,147	21,269	38,416	1,499,601	1,538,017	5,284	5,974	5,954	88.7
1978	23,601	25,002	48,603	1,673,148	1,721,751	6,355	6,579	6,571	96.7
1979	28,098	27,044	55,142	1,888,617	1,943,759	7,466	7,290	7,293	102.3
1980	17,642	29,721	47,363	2,112,869	2,160,232	6,598	8,040	8,012	82.5
1981 <sup>4</sup>	21,828	31,445	53,273	2,362,527	2,415,800	7,720	8,856	8,827	87.0

<sup>1</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>2</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>3</sup>Revisions back to 1929 are available from Department of Commerce for these series.

<sup>4</sup>Preliminary.

Economic Research Service.

Table 611.—Farm income: Number of farms and average farm income per farm, United States, 1965-81<sup>1</sup>

Year	Number of farms	Cash receipts from farming			Gross farm income	Production expenses	Farm operator family income		
		Farm marketings	Government payments	Total			Net from farming	Off farm	Total
		1,000 dollars	1,000 dollars	1,000 dollars			1,000 dollars	1,000 dollars	1,000 dollars
1965	3,356	11.7	0.7	12.4	13.9	10.0	3.8	3.8	7.6
1966	3,257	13.3	1.0	14.3	15.5	11.2	4.3	4.3	8.5
1967	3,162	13.5	1.0	14.5	16.0	12.1	3.9	4.6	8.5
1968	3,071	14.4	1.1	15.5	16.9	12.9	4.0	5.0	9.0
1969	3,000	16.1	1.3	17.3	18.8	14.0	4.8	5.5	10.3
1970	2,949	17.1	1.3	18.4	19.9	15.1	4.8	6.0	10.8
1971	2,902	18.2	1.1	19.3	21.4	16.3	5.1	6.6	11.7
1972	2,860	21.4	1.4	22.8	24.8	18.2	6.6	7.4	14.0
1973	2,823	30.8	.9	31.8	35.0	23.2	11.8	8.8	20.6
1974	2,795	33.1	.2	33.3	35.1	25.8	9.3	10.1	19.4
1975 <sup>2</sup>	2,521	35.3	.3	35.6	40.1	30.1	10.0	9.5	19.5
1976	2,497	38.2	.3	38.5	40.8	33.4	7.5	10.6	18.1
1977	2,456	39.2	.7	39.9	44.2	36.7	7.5	10.4	17.9
1978	2,436	46.2	1.2	47.4	52.2	41.3	10.9	11.8	22.7
1979	2,430	54.2	.6	54.8	62.3	49.0	13.3	13.9	27.2
1980	2,428	57.5	.5	58.0	62.0	53.7	8.3	15.1	23.4
1981 <sup>3</sup>	2,436	58.9	.8	59.7	68.5	58.1	10.3	16.1	26.5

<sup>1</sup>Gross farm income and net income from farming includes adjustment for value of change in farm inventories. Totals may not add due to rounding.

<sup>2</sup>New farm definition beginning 1975.

<sup>3</sup>Preliminary.

Economic Research Service.



Table 612.—Expenses: Farm production expenses, United States, 1965-81

Year	Feed purchased	Livestock purchased	Seed purchased <sup>1</sup>	Fertilizer and lime	Repairs and operation of capital items <sup>2</sup>	Depreciation and other consumption of farm capital <sup>3</sup>	Hired labor <sup>4</sup>	Taxes on farm property <sup>5</sup>	Interest on farm mortgage debt <sup>6</sup>	Net rent to non-operator landlords	Miscellaneous <sup>7</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
1965.....	5,674	2,912	720	1,994	3,943	5,111	3,604	1,874	1,075	1,886	4,857	33,650
1966.....	6,401	3,544	760	2,219	4,164	5,384	3,683	2,002	1,198	2,023	5,130	36,508
1967.....	6,646	3,431	814	2,429	4,409	5,781	3,723	2,122	1,325	1,882	5,619	38,181
1968.....	6,357	3,676	831	2,434	4,387	6,200	3,920	2,298	1,472	1,999	5,951	39,525
1969.....	7,100	4,225	871	2,312	4,507	6,574	4,152	2,456	1,625	2,061	6,232	42,115
1970.....	8,028	4,324	928	2,435	4,539	6,766	4,340	2,596	1,763	2,096	6,612	44,427
1971.....	8,049	5,123	1,072	2,654	4,707	7,354	4,372	2,704	1,905	2,116	7,140	47,196
1972.....	8,397	6,668	1,115	2,721	4,708	7,893	4,567	2,815	2,132	3,356	7,755	52,116
1973.....	13,224	8,065	1,617	3,503	5,229	8,951	5,167	2,886	2,495	5,500	8,751	65,387
1974.....	14,513	5,131	1,941	6,053	6,659	10,569	6,075	3,096	3,044	4,968	9,986	72,035
1975.....	12,907	4,954	2,138	6,660	7,806	12,582	6,586	3,193	3,393	4,531	11,006	75,757
1976.....	14,370	5,884	2,366	6,468	9,096	13,798	7,510	3,491	3,852	4,238	12,227	83,900
1977.....	13,967	7,072	2,484	6,529	10,121	15,717	7,953	3,660	4,365	4,553	13,756	90,176
1978.....	14,466	10,150	3,638	6,619	11,226	17,354	8,348	3,603	5,073	4,831	16,281	100,589
1979.....	17,766	12,688	2,960	7,530	13,545	19,686	9,429	3,910	6,102	5,340	20,017	118,974
1980.....	18,618	10,539	3,351	9,922	16,096	22,003	10,411	4,185	7,309	5,737	22,315	130,485
1981 <sup>8</sup> .....	18,905	8,916	3,956	10,074	17,738	23,779	11,114	4,543	8,878	6,526	27,208	141,636

<sup>1</sup>Includes bulbs, plants, and trees. <sup>2</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>3</sup>Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year. <sup>4</sup>Includes cash wages, perquisites, and Social Security taxes paid by employers. <sup>5</sup>Includes taxes levied against farm real estate and farm personal property. <sup>6</sup>Interest charges payable during the calendar year on outstanding farm-mortgage debt. <sup>7</sup>Includes interest on nonreal estate debt, pesticides, ginning, electricity and telephones (business share), livestock marketing charges, containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, miscellaneous hardware (including blacksmithing), veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail) machine hire and custom work, miscellaneous livestock and poultry, small hand tools, dairy supplies, nursery and greenhouse, apiary, and other miscellaneous. <sup>8</sup>Preliminary.

Economic Research Service.

Table 613.—Labor: Total hours used for farm work, by enterprise groups, United States, 1965-81

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	To-bacco	Oil crops <sup>12</sup>
	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.
1965.....	7,335	2,969	1,107	1,250	444	3,416	502	410	176	407	454	85	482	468	208
1966.....	6,858	2,828	1,092	1,133	438	3,142	496	372	173	404	429	82	308	440	210
1967.....	6,677	2,706	1,078	1,039	426	3,104	517	356	203	406	446	75	240	409	223
1968.....	6,416	2,571	1,050	961	399	3,013	481	343	196	408	432	77	267	350	229
1969.....	6,198	2,423	1,008	876	380	2,973	469	339	172	371	480	78	265	341	229
1970.....	5,896	2,344	997	817	373	2,788	425	339	152	359	452	74	244	308	205
1971.....	5,741	2,239	962	767	354	2,757	438	338	166	349	471	70	232	263	200
1972.....	5,433	2,108	905	720	328	2,621	376	311	166	346	435	75	239	241	202
1973.....	5,321	1,964	850	661	300	2,667	386	310	178	351	477	69	188	245	234
1974.....	5,178	1,850	812	612	274	2,657	369	298	212	357	470	66	183	261	211
1975.....	4,971	1,701	731	568	251	2,626	377	287	222	355	472	73	105	286	219
1976.....	4,779	1,608	693	530	236	2,552	376	285	226	339	448	69	111	271	197
1977.....	4,640	1,514	653	491	221	2,526	372	271	207	342	469	61	105	245	224
1978.....	4,428	1,410	606	446	210	2,445	359	263	185	337	452	60	80	239	240
1979.....	4,324	1,332	574	408	203	2,432	347	255	195	336	472	56	80	200	262
1980.....	4,253	1,264	547	382	189	2,440	338	244	215	314	496	57	81	218	248
1981 <sup>13</sup> .....	4,169	1,186	508	356	177	2,445	342	238	234	317	486	59	79	226	235

<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>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, cover-crop seeds, 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, 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, and flaxseed. <sup>13</sup>Preliminary.

Economic Research Service.

Table 614.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1965-78<sup>1</sup>

Year	Number <sup>2</sup>	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	\$15,000 to \$24,999	\$25,000 or more	Median income
	Thousands	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dollars
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
1969.....	2,457	4.5	6.8	8.7	18.4	16.3	17.8	18.1	9.6			6,385
1970.....	2,347	5.9	6.2	7.8	16.3	15.9	18.5	17.5	12.2			6,773
1971.....	2,593	5.0	5.1	7.9	15.8	14.9	18.1	19.1	14.2			7,192
1972.....	2,513	3.6	4.0	4.6	13.9	13.1	17.8	21.0		16.8	5.3	8,849
1973.....	2,542	2.6	3.5	3.9	11.6	12.4	15.8	22.0		19.4	8.9	10,045
1974.....	2,392	7.2	4.0	9.0	11.2	15.4	20.5		22.0	10.7	10,612	
1975.....	2,200	5.5	3.9	11.0	9.9	16.2	19.9		22.2	11.4	10,845	
1976.....	2,184	6.7	2.9	8.6	9.8	14.1	19.5		23.5	14.9	11,663	
1977.....	2,172	8.3	2.2	7.7	9.3	11.5	19.0		24.2	17.8	12,637	
1978.....	2,051	5.4	2.1	5.0	7.6	10.5	18.2		28.3	23.0	15,284	

Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1979-81<sup>1</sup>

Year	Number <sup>3</sup>	Less than \$2,500	\$2,500 to \$4,999	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$29,999	\$30,000 to \$39,999	\$40,000 or more	Median income
	Thousands	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dollars
1979.....	1,666	5.0	5.6	8.0	8.5	18.7	14.4	11.0	8.4	9.8	10.6	16,357
1980 <sup>4</sup> ..	1,631	7.3	4.4	9.8	9.1	17.4	13.0	12.4	8.8	9.0	8.8	17,670
1981 <sup>4</sup> ..	1,598	9.4	4.3	6.3	7.0	17.8	12.4	13.6	8.0	10.6	10.6	18,306

<sup>1</sup>The term "family" refers to a group of two or more persons related by blood, marriage, or adoption and residing together; all such persons are considered as members of the same family. Thus, if the son of the head of the household and son's wife are in the household, they are treated as part of the head's family. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, Social Security and other pensions, and welfare.

<sup>2</sup>The term "farm resident" is the same as that used in the 1960 and 1970 censuses.

<sup>3</sup>The term "farm resident" is the same as that used in the 1980 census.

<sup>4</sup>Preliminary.

Economic Research Service. Estimates are from the annual issue of *Money Income of Families in the United States*, Bureau of the Census.

Table 615.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1979-81

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)
	Tons	Tons	Tons	Tons		Tons	Tons	Tons	Tons
<b>Ala.:</b>					<b>Ky.:</b>				
1979.....	1,070,438	151,936	112,743	137,743	1979.....	1,015,920	157,341	140,810	166,930
1980.....	987,299	143,749	102,858	123,653	1980.....	1,046,211	176,756	135,073	165,157
1981.....	980,167	160,784	95,410	99,134	1981.....	1,163,748	207,688	144,417	174,279
<b>Alaska:</b>					<b>La.:</b>				
1979.....	4,773	1,062	747	462	1979.....	631,826	108,230	66,379	80,705
1980.....	8,600	1,789	1,371	957	1980.....	860,283	133,859	94,926	111,132
1981.....	9,060	2,207	1,251	822	1981.....	860,283	133,859	94,926	111,132
<b>Ariz.:</b>					<b>Maine:</b>				
1979.....	320,549	92,995	35,335	3,621	1979.....	110,028	13,571	14,713	15,120
1980.....	373,584	115,787	36,968	456	1980.....	101,515	12,607	13,278	13,612
1981.....	415,618	116,315	32,192	468	1981.....	100,945	13,589	12,646	13,041
<b>Ark.:</b>					<b>Md.:</b>				
1979.....	664,894	141,154	69,119	85,419	1979.....	454,913	66,522	54,639	67,413
1980.....	761,519	171,975	65,811	93,597	1980.....	445,300	65,572	47,487	61,264
1981.....	883,894	226,641	63,083	86,239	1981.....	480,533	66,771	54,824	71,397
<b>Calif.:</b>					<b>Mass.:</b>				
1979.....	4,018,908	575,090	208,648	69,437	1979.....	70,014	10,275	6,220	7,530
1980.....	4,470,001	649,862	220,376	82,448	1980.....	65,741	9,081	5,444	6,375
1981.....	4,166,640	654,804	200,644	81,612	1981.....	68,780	9,057	7,170	6,506
<b>Colo.:</b>					<b>Mich.:</b>				
1979.....	385,983	125,991	32,072	10,942	1979.....	1,308,466	239,842	173,699	249,769
1980.....	493,310	168,789	48,777	11,025	1980.....	1,272,556	236,458	163,382	243,465
1981.....	491,134	158,460	50,965	10,306	1981.....	1,333,709	246,206	171,978	257,166
<b>Conn.:</b>					<b>Minn.:</b>				
1979.....	59,966	7,556	5,284	5,136	1979.....	2,389,626	612,371	331,842	439,291
1980.....	58,078	7,654	5,490	5,344	1980.....	2,313,075	617,739	302,235	406,796
1981.....	57,964	7,645	5,445	5,332	1981.....	2,484,735	659,294	314,356	461,453
<b>Del.:</b>					<b>Miss.:</b>				
1979.....	128,960	17,655	13,602	20,637	1979.....	753,206	150,784	73,941	94,931
1980.....	151,626	22,049	13,968	24,674	1980.....	745,079	157,265	73,540	86,183
1981.....	170,381	24,735	15,610	28,777	1981.....	881,711	197,171	81,149	99,428
<b>D.C.:</b>					<b>Mo.:</b>				
1979.....	12,516	1,948	751	741	1979.....	1,758,539	860,095	209,614	286,046
1980.....	11,074	1,865	626	714	1980.....	1,937,637	410,931	218,085	306,753
1981.....	2,218	373	119	166	1981.....	1,969,947	414,036	213,199	303,466
<b>Fla.:</b>					<b>Mont.:</b>				
1979.....	2,224,504	258,843	127,473	288,535	1979.....	333,834	76,382	78,997	10,292
1980.....	2,109,813	249,526	111,360	277,369	1980.....	280,463	64,889	57,450	8,759
1981.....	2,077,976	248,345	107,252	272,280	1981.....	341,127	86,440	70,069	10,836
<b>Ga.:</b>					<b>Nebr.:</b>				
1979.....	2,247,506	280,606	160,462	248,505	1979.....	1,901,298	752,313	176,145	68,789
1980.....	2,168,607	272,636	150,997	234,494	1980.....	2,033,489	826,275	172,629	67,734
1981.....	2,201,814	300,728	145,908	227,905	1981.....	1,983,364	785,496	190,964	71,422
<b>Hawaii:</b>					<b>Nev.:</b>				
1979.....	181,105	26,173	25,789	28,224	1979.....	26,897	5,796	2,084	191
1980.....	169,409	23,126	19,246	20,901	1980.....	29,665	4,305	2,407	250
1981.....	150,137	18,907	13,629	21,963	1979.....	29,314	4,231	2,174	252
<b>Idaho:</b>					<b>N.H.:</b>				
1979.....	590,931	173,989	56,267	14,940	1979.....	26,395	3,436	2,548	3,563
1980.....	581,058	164,817	57,508	8,414	1980.....	25,575	3,184	2,730	3,375
1981.....	589,373	175,449	53,176	7,305	1981.....	24,650	3,034	2,482	3,390
<b>Ill.:</b>					<b>N.J.:</b>				
1979.....	4,217,959	906,122	536,952	785,320	1979.....	196,428	25,025	18,848	22,011
1980.....	4,497,200	1,034,144	543,590	847,036	1980.....	198,830	24,983	18,556	22,818
1981.....	4,258,358	990,563	523,457	816,832	1981.....	198,270	26,649	17,859	21,054
<b>Ind.:</b>					<b>N. Mex.:</b>				
1979.....	2,928,857	492,629	336,160	545,072	1979.....	115,659	28,421	21,357	2,656
1980.....	2,863,054	511,177	324,442	549,799	1980.....	108,533	31,138	11,439	2,813
1981.....	2,720,795	489,470	322,304	513,204	1981.....	104,018	29,149	13,208	2,821
<b>Iowa:</b>					<b>N.Y.:</b>				
1979.....	3,933,942	1,003,638	496,700	641,864	1979.....	685,603	107,817	90,120	94,704
1980.....	3,901,863	1,068,964	481,285	627,336	1980.....	663,552	108,719	80,245	84,148
1981.....	4,052,587	1,164,786	480,782	637,381	1981.....	648,448	91,948	81,039	92,024
<b>Kans.:</b>					<b>N.C.:</b>				
1979.....	1,578,331	603,892	194,503	50,081	1979.....	1,935,407	235,170	158,643	225,966
1980.....	1,671,292	638,526	205,477	56,155	1980.....	1,845,707	236,894	142,062	229,318
1981.....	1,622,540	628,092	190,562	47,193	1981.....	1,911,307	259,177	141,426	234,341

See footnotes at end of table.

**Table 615.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content, by States and possessions, years ending June 30, 1979-81—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)
	Tons	Tons	Tons	Tons		Tons	Tons	Tons	Tons
<b>N. Dak.:</b>					<b>Utah:</b>				
1979.....	749,172	294,860	132,609	23,987	1979.....	115,994	29,242	13,109	866
1980.....	774,308	336,256	116,395	20,081	1980.....	126,707	32,770	10,666	625
1981.....	728,806	317,220	117,392	18,228	1981.....	42,802	9,512	7,725	99
<b>Ohio:</b>					<b>Vt.:</b>				
1979.....	2,229,229	392,344	308,833	415,913	1979.....	52,792	7,273	6,813	7,729
1980.....	2,367,710	424,706	307,640	434,870	1980.....	51,335	7,511	6,017	7,610
1981.....	2,424,607	451,766	303,338	431,804	1981.....	56,817	7,890	6,690	8,446
<b>Okla.:</b>					<b>Va.:</b>				
1979.....	858,850	303,610	112,720	40,646	1979.....	800,874	98,393	74,207	95,463
1980.....	868,819	308,235	113,741	39,932	1980.....	766,012	93,928	64,033	93,322
1981.....	870,290	290,839	107,844	37,581	1981.....	807,706	101,952	69,015	93,661
<b>Oreg.:</b>					<b>Wash.:</b>				
1979.....	559,780	138,373	49,322	24,618	1979.....	866,286	238,147	67,432	33,104
1980.....	590,410	147,045	53,058	26,332	1980.....	874,867	234,684	76,129	27,400
1981.....	593,423	150,344	53,168	23,204	1981.....	978,579	260,193	66,171	40,342
<b>Pa.:</b>					<b>W. Va.:</b>				
1979.....	579,046	80,938	76,123	74,653	1979.....	60,734	7,674	8,454	7,700
1980.....	576,156	86,077	71,233	75,002	1980.....	74,817	15,549	9,318	7,522
1981.....	596,500	92,973	80,247	70,358	1981.....	77,642	18,151	8,905	8,970
<b>R.I.:</b>					<b>Wis.:</b>				
1979.....	13,991	1,657	1,588	1,267	1979.....	1,386,583	216,387	171,511	343,999
1980.....	13,671	1,751	1,183	1,067	1980.....	1,430,760	228,361	156,443	342,499
1981.....	10,358	1,411	1,185	848	1981.....	1,309,435	213,364	138,024	314,486
<b>S.C.:</b>					<b>Wyo.:</b>				
1979.....	820,747	90,095	64,905	119,692	1979.....	76,953	26,872	7,435	682
1980.....	819,772	91,498	60,533	121,212	1980.....	70,677	24,822	6,224	708
1981.....	880,458	109,481	58,799	118,683	1981.....	122,653	39,343	11,765	899
<b>S. Dak.:</b>					<b>P.R.:</b>				
1979.....	399,200	116,079	60,837	17,209	1979.....	113,947	15,890	6,496	12,699
1980.....	418,316	133,091	57,996	16,460	1980.....	116,847	17,334	6,200	13,125
1981.....	475,058	160,663	64,326	20,930	1981.....	76,460	10,959	3,969	8,855
<b>Tenn.:</b>					<b>Total:</b>				
1979.....	781,554	109,421	120,636	135,475	1979.....	51,480,452	10,714,719	5,605,840	6,244,540
1980.....	775,669	118,751	108,874	129,545	1980.....	52,786,643	11,406,682	5,431,513	6,245,074
1981.....	886,135	149,644	128,469	136,548	1981.....	53,329,384	11,784,305	5,423,538	6,243,249
<b>Tex.:</b>									
1979.....	2,730,539	732,794	289,603	116,251					
1980.....	2,819,192	737,223	274,712	103,438					
1981.....	2,956,110	796,501	280,831	118,380					

<sup>1</sup>Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials. Statistical Reporting Service.

**Table 616.—Fertilizers: Quantities of commerical fertilizers consumed and their average primary plant-nutrient content, United States, 1965-81**

Year ending June 30	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertiliz- ers <sup>2</sup>
	Quantity	Nitrogen (N)	Available phosphor- ic oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity	Nitrogen (N)	Available phosphor- ic oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity
1965.....	18,559	7.82	15.17	12.39	30,315	15.30	11.59	9.35	1,521
1966.....	19,659	8.10	15.82	12.61	33,071	16.11	11.78	9.74	1,461
1967.....	21,132	8.35	16.58	13.02	35,684	16.89	12.06	10.21	1,397
1968.....	21,294	8.77	16.81	12.67	37,126	18.28	12.00	10.22	1,617
1969.....	21,234	8.95	17.54	12.53	37,614	18.50	12.41	10.34	1,334
1970.....	20,961	9.25	17.69	12.70	38,292	19.48	11.95	10.54	1,296
1971.....	21,513	9.59	18.33	13.00	39,902	20.38	12.04	10.60	1,217
1972.....	21,511	9.91	18.58	12.93	39,896	20.11	12.19	10.85	1,310
1973.....	22,547	10.21	18.79	12.76	41,822	19.83	12.16	11.12	1,466
1974.....	24,067	10.10	17.75	12.66	44,964	20.37	11.34	11.30	2,130
1975.....	20,647	10.16	17.99	12.50	40,606	21.18	11.10	10.97	1,878
1976.....	22,958	10.53	19.29	12.52	46,893	22.20	11.15	11.11	2,296
1977.....	24,099	10.58	19.87	12.78	49,099	21.69	11.47	11.88	2,525
1978.....	22,110	10.74	19.63	12.79	45,621	21.82	11.16	12.10	1,877
1979.....	23,742	10.84	20.09	12.84	49,342	21.72	11.36	12.66	2,139
1980.....	23,270	10.79	19.61	13.06	50,491	22.59	10.76	12.37	2,296
1981.....	23,340	10.97	19.95	12.86	51,193	23.02	10.59	12.20	2,136

<sup>1</sup>Includes Alaska, District of Columbia, Hawaii, and Puerto Rico. Includes fertilizers distributed by Government agencies.

<sup>2</sup>Products that do not contain primary nutrients. Includes gypsum, but not liming materials. Statistical Reporting Service.

**Table 617.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1979-81**

Item	Quantity			Value		
	1979	1980	1981	1979	1980	1981
Phosphate rock sold or used by producers: <sup>1</sup>						
Florida:	1,000 tons	1,000 tons	1,000 tons	1,000 dollars	1,000 dollars	1,000 dollars
Soft rock.....	29	35	19	545	668	380
Land pebble <sup>2</sup> .....	50,109	51,997	42,392	935,127	1,108,994	1,064,459
Tennessee <sup>3</sup> .....	2,359	1,835	1,520	16,867	13,432	16,811
Other States.....	5,995	6,297	6,252	111,447	121,847	124,165
Total.....	58,492	60,164	50,183	1,063,986	1,244,941	1,205,815
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime <sup>4</sup> .....	10	25	32	280	967	1,140
Hydrated.....	61	54	42	3,021	2,800	2,455
Limestone pulverized.....	32,875	33,262	29,028	116,319	130,272	127,075
Calcareous marl.....	436	391	448	2,136	2,167	2,573
Poultry grit.....	2,442	2,335	2,002	19,567	20,664	18,274

<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>Lime from oystershells included with quicklime from limestone.

Economic Research Service. Compiled from reports of the U.S. Department of Interior.

**Table 618.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1974-80**

Item	1974	1975	1976	1977	1978	1979	1980
	<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>
<b>PRODUCTION</b>							
Calcium arsenate.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Lead arsenate.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Copper sulfate.....	84,184	71,228	64,244	60,200	70,286	77,178	68,711
Aldrin-toxaphene group <sup>3</sup> .....	141,719	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
DDT.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Methyl bromide.....	30,452	36,048	35,856	34,684	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Methyl parathion.....	51,448	53,668	( <sup>1</sup> )	39,695	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Parathion.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Ferbam.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Nabam.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Zineb.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
2,4-D acid.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	12,705	13,589
2,4,5-T acid.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Other organic pesticides.....	1,193,539	1,519,405	1,328,535	1,313,140	1,416,484	1,416,703	1,454,613
<b>IMPORTS</b>							
Pyrethrum flowers.....	305	55	180	451	208	328	342
Pyrethrum extract.....	565	678	697	603	390	371	383
Rotenone-bearing roots.....	3,943	2,214	1,796	874	1,791	1,276	1,323
<b>EXPORTS</b>							
Fungicides <sup>4</sup> .....	60,059	47,872	50,351	54,239	79,459	76,697	90,375
2,4-D and 2,4,5-T, acid basis <sup>5</sup> .....	21,602	12,598	10,733	7,846	6,524	11,979	7,528
Other herbicides.....	168,982	188,138	186,978	203,104	227,646	251,634	251,079
DDT.....	56,376	47,228	25,433	498	30,279	( <sup>2</sup> )	( <sup>2</sup> )
Other polychlor insecticides.....	93,703	47,839	45,966	64,315	59,131	61,859	65,639
Organophosphorus insecticides.....	98,565	84,819	68,696	99,553	94,869	109,618	105,335
Other agricultural insecticides.....	109,790	119,290	132,422	121,265	130,744	119,136	108,684
Fumigants.....	31,321	16,343	19,033	14,675	19,645	18,907	17,991
Disinfectants, deodorants, and germicides.....	15,276	12,097	13,981	14,094	18,334	12,125	13,167
Household and industrial insecticides, repellents, and rodenticides.....	18,099	19,609	20,296	22,249	10,451	10,825	7,741

<sup>1</sup> Withheld to avoid disclosure.<sup>2</sup> Not available.<sup>3</sup> Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, toxaphene, and terpene polychlorinates.<sup>4</sup> Includes copper sulfate and agricultural sulfur, which were previously listed separately.<sup>5</sup> Preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of Commerce, the International Trade Commission, the U.S. Department of the Interior, and trade sources.

**Table 619.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1971-80**

Item	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
<b>Used in pesticide formulation:</b>										
Talc, soapstone, and pyrophyllite.....	<i>Tons</i> 63,831	<i>Tons</i> 65,465	<i>Tons</i> 43,404	<i>Tons</i> 46,963	<i>Tons</i> 41,966	<i>Tons</i> 40,368	<i>Tons</i> 22,664	<i>Tons</i> 40,000	<i>Tons</i> 46,000	<i>Tons</i> 39,000
Fuller's earth.....	180,769	144,380	175,332	179,579	198,327	205,019	195,180	181,008	199,296	180,594
Kaolin.....	14,977	28,442	28,750	28,511	32,114	33,631	22,312	33,052	46,056	48,834
Bentonite.....	4,563	40,208	35,711	23,853	2,979	2,102	5,000	4,755	4,190	5,945
Other clays.....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1,348	15,551	15,450	15,666	732	898
<b>Used in manufacture:</b>										
Mercury.....	56	70	70	37	23	23	22	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Shipments to agriculture:</b>										
Copper sulfate.....	15,556	14,032	19,844	18,972	16,187	13,479	16,487	12,096	13,403	15,593
Zinc sulfate (dry basis).....	13,812	8,602	8,353	8,677	3,579	5,326	6,121	8,011	12,260	12,397

<sup>1</sup> Data withheld to avoid disclosure.<sup>2</sup> Not available.

Agricultural Stabilization and Conservation Service. Based on data reported by the U.S. Department of the Interior.

Table 620.—Pesticides (insecticides, fungicides, and weed killers): Average wholesale price per pound, at works, United States, 1965–80 <sup>1</sup>

Year	BHC <sup>2</sup>	Chlor-dane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D ester	DDT <sup>3</sup>
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1965	0.75	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	17.5
1969	.65	59.0	21.2	44.4	23.1	35.2	35.5	17.7
1970	.65	59.0	23.9	49.5	22.0	33.2	35.5	21.8
1971	.65	59.0	22.6	46.8	22.9	36.0	41.0	22.0
1972	.65	59.4	22.6	46.7	23.0	36.0	41.0	22.0
1973	.65	61.0	25.2	52.2	23.0	36.0	37.5	22.0
1974	.65	63.3	33.8	68.5	30.6	36.0	37.5	27.1
1975	.65	71.2	35.3	70.8	41.0	52.2	56.6	34.0
1976	1.82	99.6	36.6	73.3	47.9	83.0	73.0	34.0
1977	2.00	105.0	34.7	69.4	50.0	83.0	73.0	34.0
1978	2.00	105.0	35.6	71.3	50.0	83.0	73.0	34.0
1979	2.00	105.0	39.8	78.7	50.0	83.6	74.0	34.0
1980	2.00	155.0	43.7	85.6	50.0	111.5	120.1	34.0

  

Year	Lead arsenate	Lindane 99%	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
	Cents	Dollars	Dollars	Cents	Cents	Cents	Dollars	Dollars
1965	27.8	1.85	0.95	67.0	88.0	74.9	11.18	0.95
1966	29.0	1.85	.95	67.0	88.0	79.0	11.30	.98
1967	30.0	1.41	.95	60.6	78.0	81.0	11.52	1.02
1968	29.2	1.30	.95	60.5	62.4	78.4	11.20	1.11
1969	26.6	1.30	.95	60.5	59.0	75.0	10.60	1.14
1970	27.5	1.30	.95	60.5	59.0	75.0	9.92	1.13
1971	27.5	1.33	.95	41.1	46.2	75.0	10.12	1.12
1972	27.5	1.37	.95	34.0	45.0	75.0	10.24	1.12
1973	27.5	1.59	.95	34.0	49.0	75.0	10.25	1.12
1974	27.5	2.04	*1.10	34.0	51.5	85.2	11.10	1.12
1975	27.5	2.50	1.30	36.8	80.9	99.0	12.25	1.12
1976	27.5	3.32	1.30	41.0	87.0	99.0	12.25	1.12
1977	27.5	3.45	1.30	41.0	87.0	99.0	12.25	1.12
1978	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.05
1979	27.5	3.45	1.30	41.0	87.0	99.0	12.25	2.50
1980	27.5	3.45	1.30	56.4	107.4	99.0	12.25	2.50

<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.

\* Estimated.

Agricultural Stabilization and Conservation Service. Based on data reported by the Schnell Publishing Company, Inc., in the Chemical Marketing Reporter.

## 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 621.—Taxes levied on farm real estate: Amount, amount per acre, index numbers of amount per acre, United States, 1965-81**

Year	Farm real estate		
	Amount	Taxes per acre	
		Amount	Index
	<i>Million dollars</i>	<i>Dollars</i>	<i>1977 = 100</i>
1965.....	1,535.7	1.53	46
1966.....	1,633.8	1.65	49
1967.....	1,730.5	1.76	53
1968.....	1,881.8	1.93	58
1969.....	2,038.8	2.11	63
1970.....	2,169.1	2.27	68
1971.....	2,294.1	2.40	72
1972.....	2,390.5	2.50	75
1973.....	2,450.1	2.56	77
1974.....	2,584.9	2.70	81
1975 <sup>1</sup> .....	2,634.8	2.90	87
1976 <sup>1</sup> .....	2,849.2	3.15	94
1977 <sup>1</sup> .....	3,016.4	3.34	100
1978 <sup>1</sup> .....	3,004.7	3.34	100
1979 <sup>1</sup> .....	3,214.8	3.58	107
1980 <sup>1</sup> .....	3,450.5	3.85	115
1981 <sup>2</sup> .....	3,783.3	4.16	124

<sup>1</sup> Revised.

<sup>2</sup> Preliminary.

Economic Research Service.



Table 622.—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, 1979 and 1980 <sup>1</sup>

State	Amount levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
	1979	1980	Amount		Index		1979	1980
			1979	1980	1979	1980		
	Million dollars	Million dollars	Dollars	Dollars	1977=100	1977=100	Dollars	Dollars
Ala.....	10.3	10.1	0.92	0.90	160	157	0.14	0.11
Alaska.....	.5	.5	5.17	5.01	99	100	.83	.70
Ariz.....	24.6	21.9	2.40	2.13	103	91	.50	.31
Ark.....	29.6	30.6	2.08	2.14	115	119	.27	.23
Calif.....	177.0	194.2	6.52	7.16	53	58	.53	.48
Colo.....	41.7	43.3	1.34	1.40	106	111	.40	.36
Conn.....	7.4	7.7	18.54	19.51	103	108	.83	.81
Del.....	1.3	1.2	2.21	2.11	119	113	.15	.12
Fla.....	67.5	78.3	5.35	6.21	104	120	.47	.46
Ga.....	45.4	50.5	3.15	3.46	106	117	.40	.40
Hawaii.....	6.2	7.0	2.98	3.33	122	138	.31	.30
Idaho.....	30.1	32.9	2.56	2.80	89	98	.39	.37
Ill.....	363.3	375.0	12.61	13.02	115	119	.68	.65
Ind.....	110.7	122.9	6.66	7.43	129	144	.42	.41
Iowa.....	284.2	312.2	8.96	9.85	112	123	.58	.54
Kans.....	123.9	126.9	2.62	2.69	99	102	.52	.47
Ky.....	30.4	29.4	2.16	2.10	105	102	.25	.22
La.....	15.8	15.9	1.79	1.79	133	134	.18	.14
Maine.....	8.5	9.5	5.50	6.16	122	136	1.02	1.06
Md.....	16.7	17.7	6.53	6.79	100	104	.36	.30
Mass.....	11.3	12.2	19.76	21.44	100	108	1.37	1.38
Mich.....	146.3	174.6	14.71	17.55	131	156	1.51	1.62
Minn.....	125.7	128.3	4.56	4.66	123	125	.51	.44
Miss.....	17.9	21.4	1.34	1.61	102	123	.20	.20
Mo.....	85.7	86.5	2.89	2.92	108	109	.40	.33
Mont.....	53.8	60.6	1.07	1.20	122	137	.52	.51
Nebr.....	197.7	224.0	4.44	5.03	137	155	.83	.82
Nev.....	3.2	3.8	.52	.63	67	81	.20	.18
N.H.....	4.4	5.0	8.48	9.51	116	130	.92	.96
N.J.....	17.4	18.9	18.57	20.35	103	113	.69	.70
N. Mex.....	7.9	7.1	.25	.22	98	88	.16	.10
N.Y.....	110.0	117.7	12.56	13.73	117	127	1.88	1.94
N.C.....	37.7	42.1	3.43	3.83	121	135	.33	.32
N. Dak.....	74.3	80.4	1.85	2.00	106	115	.51	.48
Ohio.....	125.8	127.1	8.27	8.35	113	114	.56	.50
Okla.....	47.6	49.5	1.52	1.58	113	118	.29	.26
Oreg.....	45.6	52.7	2.79	3.24	92	106	.51	.54
Pa.....	62.7	67.3	8.25	8.86	104	112	.65	.63
R.I.....	1.6	1.8	28.10	30.78	116	128	1.19	1.21
S.C.....	11.7	12.2	2.00	2.12	109	115	.26	.24
S. Dak.....	91.7	98.3	2.37	2.54	122	131	.83	.84
Tenn.....	36.8	41.1	2.90	3.25	118	132	.34	.34
Tex.....	188.1	191.1	1.45	1.47	108	110	.37	.33
Utah.....	12.2	12.8	1.63	1.71	103	108	.31	.24
Vt.....	11.4	12.6	7.11	7.83	113	124	1.08	1.10
Va.....	31.5	34.8	3.48	3.83	116	127	.37	.38
Wash.....	55.4	47.6	4.15	3.57	112	96	.53	.43
W. Va.....	2.6	2.7	.77	.78	106	108	.13	.11
Wis.....	187.1	213.1	10.98	12.58	127	145	1.28	1.28
Wyo.....	14.6	15.6	.59	.63	113	121	.35	.35
U.S.....	3,214.8	3,450.5	3.58	3.85	107	115	.53	.50

<sup>1</sup> Totals may not add due to rounding.

Economic Research Service.

Table 623.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939-79

Crop	Year	Drought	Hail	Excess moisture	Frost freeze, cold, and winterkill	Flood	Wind	Insects	Disease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Apple.....	1963-79		16.6		79.6	3.8				
Barley.....	1956-79	48.8	20.0	13.3	5.4	2.9	6.2	0.7	0.4	2.3
Bean, dry edible.....	1948-79	15.9	21.6	27.9	20.8	.8	5.0	1.1	5.5	1.4
Cherry, red tart.....	1963-66		7.7		88.9		3.2			.2
Citrus.....	1951-79		.9		96.5		2.6			0
Corn.....	1945-79	66.6	5.4	12.6	4.6	1.1	6.7	.7	1.7	.5
Cotton.....	1942-79	25.2	11.2	27.6	12.2	2.8	5.6	13.3	.6	1.5
Flax.....	1945-79	36.0	8.9	26.9	7.9	1.5	7.0	1.3	2.9	7.5
Forage production.....	1979	36.4		2.9	36.8			23.9		
Forage seeding.....	1978-79	63.4		19.5	.8		.8			15.6
Grain sorghum.....	1959-79	46.9	10.0	11.8	9.4	.6	10.1	9.9	.6	.7
Grape.....	1967-79	.1	3.9	19.0	63.6	0	13.1			.3
Oat.....	1956-79	42.4	18.6	22.3	5.1	.2	9.0	1.0	.5	.9
Orange.....	1958-79				100.0					
Pea, dry and green.....	1962-79	34.2	4.6	20.4	22.6	0	16.6	.1	.3	1.2
Peach.....	1957-79		20.7		76.8		.2			2.2
Peanut.....	1962-79	40.0	0	50.9	4.5	.4	1.3	.6	2.0	.2
Potato.....	1962-79		9.5	28.1	36.9	1.1	3.2	.4	19.6	1.1
Raisin.....	1961-79			100.0						
Safflower.....	1964-66	52.9	41.3	2.3		2.7			.9	
Soybean.....	1955-79	48.6	18.9	22.9	4.0	3.2	1.8	.1	1	.3
Sugarbeet.....	1965-79	15.2	5.0	26.4	16.1	19.7	8.1	4.1	3.3	2.0
Sugarcane.....	1967-79	23.9	.7	47.2	10.0	2.1	13.8	.4	1.6	.2
Sunflower.....	1976-79	8.2	23.4	23.8	4.1		20.3	17.0	1.8	1.4
Sweet corn.....	1978-79	2.2		95.8			2.1			
Tobacco.....	1945-79	22.3	15.9	36.6	2.6	1.3	11.4	.6	7.0	2.2
Tomato.....	1963-79	17.4	10.1	56.0	14.2	.4	.8	.3	.5	.3
Tung nut.....	1965-79				100.0					
Wheat.....	1939-79	44.1	16.3	5.9	13.2	2.5	7.7	4.1	4.4	1.9
All crops.....	1939-79	39.9	12.1	16.8	13.8	2.1	6.8	4.3	2.8	1.4

Federal Crop Insurance Corporation.

Table 624.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1977-81<sup>1</sup>

Commodity and year	Coverage				Amount of premium 1,000 dollars	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars			1,000 acres	1,000 dollars
Almonds:								
1981.....	4	173	11	8,788	616	n.a.	n.a.	n.a.
Apple:								
1977.....	8	475	6	3,451	372	272	4	719
1978.....	9	657	9	6,016	618	327	5	661
1979.....	9	654	9	6,427	654	265	4	525
1980.....	10	561	8	5,520	546	151	3	486
1981.....	10	466	7	9,160	823	n.a.	n.a.	n.a.
Barley:								
1977.....	199	15,952	1,208	40,707	3,087	2,493	194	3,046
1978.....	209	12,913	850	28,903	2,098	805	53	840
1979.....	220	9,582	621	25,432	1,799	941	62	1,010
1980.....	232	12,932	864	44,293	3,350	5,252	320	8,059
1981.....	270	21,857	1,560	90,194	7,817	n.a.	n.a.	n.a.
Bean, dry edible:								
1977.....	36	2,192	67	6,502	390	293	10	396
1978.....	39	2,362	75	7,635	455	231	9	407
1979.....	39	2,076	63	6,463	384	70	3	129
1980.....	46	3,058	114	16,417	1,187	355	15	851
1981.....	60	5,818	278	51,652	4,175	n.a.	n.a.	n.a.
Citrus:								
1977.....	25	3,908	72	22,373	2,160	285	7	608
1978.....	25	3,562	79	25,200	2,284	1,001	17	2,302
1979.....	25	3,220	78	25,373	2,250	24	2	46
1980.....	27	3,233	81	30,538	2,619	1,852	36	5,035
1981.....	27	3,033	78	39,048	3,276	n.a.	n.a.	n.a.

See footnotes on page 451.

Table 624.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1977-81—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 acres	1,000 dollars	
<b>Combined crop:<sup>4</sup></b>								
1977	7	2,953	509	16,649	613	266	590	
1978	7	2,641	392	13,619	488	47	38	
1979	7	2,442	334	13,162	496	35	33	
1980	7	3,271	372	19,000	637	1,996	4,426	
1981	7	2,431	328	19,212	791	n.a.	n.a.	
<b>Corn:</b>								
1977	639	115,655	6,267	614,970	30,443	22,400	56,506	
1978	719	102,693	5,289	564,112	28,568	3,532	5,650	
1979	728	96,959	5,041	557,333	27,605	2,429	4,232	
1980	924	109,577	5,557	672,710	35,058	22,582	44,455	
1981	1,335	203,957	9,536	1,414,747	85,584	n.a.	n.a.	
<b>Cotton:</b>								
1977	259	7,263	715	90,090	5,802	1,032	2,724	
1978	265	7,162	616	76,517	5,215	1,823	5,888	
1979	265	7,779	732	115,423	8,106	2,387	11,634	
1980	281	9,353	873	154,410	12,853	4,640	23,666	
1981	360	13,084	1,189	269,465	21,444	n.a.	n.a.	
<b>Flax:</b>								
1977	84	4,414	204	5,027	654	1,404	939	
1978	84	2,158	77	1,903	238	313	156	
1979	84	2,488	105	2,604	337	301	178	
1980	84	2,219	87	2,523	326	980	644	
1981	85	2,483	95	3,524	483	n.a.	n.a.	
<b>Forage</b>								
<b>production:</b>								
1979	3	65	3	330	18	13	12	
1980	3	74	3	258	16	27	56	
1981	3	67	3	221	13	n.a.	n.a.	
<b>Forage seeding:</b>								
1978	3	44	1	46	5	15	10	
1979	3	58	2	68	6	20	24	
1980	3	129	2	89	7	66	45	
1981	3	177	4	131	12	n.a.	n.a.	
<b>Grain sorghum:</b>								
1977	190	11,280	559	30,342	1,854	889	872	
1978	229	10,643	513	27,953	1,696	1,745	2,476	
1979	230	9,797	467	29,499	1,847	705	1,109	
1980	281	12,492	583	41,772	3,064	6,337	9,121	
1981	441	36,848	1,602	134,915	11,419	n.a.	n.a.	
<b>Grape:</b>								
1977	8	381	8	3,860	231	268	889	
1978	8	392	8	3,773	238	23	48	
1979	10	444	11	5,536	326	31	66	
1980	11	442	11	5,932	348	20	60	
1981	20	822	25	18,006	1,196	n.a.	n.a.	
<b>Oat:</b>								
1977	265	17,263	560	14,509	1,053	819	589	
1978	330	12,425	345	8,799	636	1,024	339	
1979	330	10,050	272	6,918	506	910	302	
1980	361	12,046	337	10,632	840	3,386	2,065	
1981	429	20,548	692	27,369	2,831	n.a.	n.a.	
<b>Pea, dry and green:</b>								
1977	63	1,699	80	6,447	487	479	1,425	
1978	66	1,922	92	7,073	552	408	464	
1979	66	1,762	82	5,821	462	189	279	
1980	70	1,742	83	5,777	439	225	212	
1981	82	1,627	75	7,889	610	n.a.	n.a.	
<b>Peach:</b>								
1977	17	228	6	1,398	247	71	124	
1978	17	168	4	969	160	104	347	
1979	17	182	7	3,683	277	12	42	
1980	17	209	7	3,386	251	34	150	
1981	17	202	6	3,209	260	n.a.	n.a.	
<b>Peanut:</b>								
1977	75	8,009	151	52,347	2,533	689	1,438	
1978	80	7,735	149	49,358	2,396	304	676	
1979	80	7,258	139	49,796	2,376	919	1,572	
1980	99	8,089	160	67,344	3,102	5,475	25,587	
1981	140	25,598	596	270,172	14,367	n.a.	n.a.	
<b>Potato:</b>								
1978	3	19	1	436	21	0	0	
1979	3	3	( <sup>9</sup> )	125	6	1	1	
1980	3	1	( <sup>9</sup> )	8	( <sup>9</sup> )	0	0	
1981	4	124	11	3,625	213	n.a.	n.a.	

See footnotes on page 451.

Table 624.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1977-81<sup>1</sup>—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Area insured <sup>3</sup>	Maximum insured production		Number	Area indemnified <sup>3</sup>	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
<b>Raisin:</b>								
1977	7	1,506	764	20,602	658	2	( <sup>9</sup> )	10
1978	7	1,292	754	17,311	551	581	27	6,717
1979	7	1,338	775	32,209	1,709	0	0	0
1980	7	2,129	711	49,727	2,645	0	0	0
1981	7	1,931	788	43,563	2,574	n.a.	n.a.	n.a.
<b>Rice:</b>								
1977	30	386	39	8,130	243	41	3	174
1978	36	468	51	11,256	322	44	6	245
1979	36	563	56	13,024	362	69	8	546
1980	51	992	93	23,343	668	409	37	3,087
1981	80	3,211	282	82,052	2,250	n.a.	n.a.	n.a.
<b>Rye:</b>								
1980	3	3	( <sup>9</sup> )	3	( <sup>9</sup> )	2	5	1
1981	3	6	( <sup>9</sup> )	9	1	n.a.	n.a.	n.a.
<b>Soybean:</b>								
1977	643	75,007	2,980	206,403	10,591	4,360	184	4,096
1978	679	69,276	2,723	184,095	9,585	3,135	145	3,309
1979	679	71,420	3,144	253,793	13,326	3,435	175	5,023
1980	816	83,792	3,680	359,559	19,924	14,027	815	42,305
1981	1,089	196,980	9,388	1,219,574	95,007	n.a.	n.a.	n.a.
<b>Sugarbeet:</b>								
1977	100	2,155	148	27,976	1,297	107	6	425
1978	107	1,956	123	24,057	1,123	59	3	225
1979	107	1,591	101	20,633	941	85	5	331
1980	101	1,704	100	20,447	961	193	12	703
1981	104	2,793	170	54,929	2,764	n.a.	n.a.	n.a.
<b>Sugarcane:</b>								
1977	14	498	27	5,674	169	25	2	141
1978	14	288	13	2,817	82	59	3	128
1979	20	425	39	13,298	569	60	4	240
1980	20	427	42	15,280	635	69	9	896
1981	20	353	44	15,317	616	n.a.	n.a.	n.a.
<b>Sunflower:</b>								
1977	6	1,394	134	7,964	464	34	3	56
1978	35	4,107	358	21,192	1,307	111	8	162
1979	35	6,394	562	33,029	2,017	363	29	802
1980	78	9,726	657	46,944	3,577	2,607	186	6,578
1981	83	14,142	979	73,609	6,177	n.a.	n.a.	n.a.
<b>Sweet Corn:</b>								
1978	2	114	6	483	31	12	1	18
1979	2	157	7	569	36	11	1	19
1980	5	150	5	365	24	22	( <sup>9</sup> )	19
1981	25	233	7	627	43	n.a.	n.a.	n.a.
<b>Tobacco:</b>								
1977	254	81,902	323	475,087	11,137	11,426	54	33,167
1978	256	79,955	347	530,894	12,459	2,588	10	5,292
1979	256	74,242	310	496,674	11,554	7,269	21	12,768
1980	275	87,983	409	732,754	18,210	16,612	66	47,383
1981	308	104,333	453	967,556	26,414	n.a.	n.a.	n.a.
<b>Tomato:</b>								
1977	8	44	1	389	23	3	( <sup>9</sup> )	19
1978	10	56	3	1,283	69	5	( <sup>9</sup> )	20
1979	10	50	2	596	38	15	( <sup>9</sup> )	54
1980	11	97	4	2,501	132	18	( <sup>9</sup> )	26
1981	18	104	7	5,279	292	n.a.	n.a.	n.a.
<b>Wheat:</b>								
1977	749	112,556	11,341	429,944	27,281	19,426	2,499	39,990
1978	771	96,209	9,396	376,718	22,395	8,248	669	10,847
1979	813	93,193	9,229	420,991	24,707	12,223	1,442	24,280
1980	825	140,560	12,375	698,147	45,689	52,266	5,121	132,936
1981	942	187,122	15,864	967,615	72,543	n.a.	n.a.	n.a.
<b>Total, all commodities:</b>								
1977	3,686	467,120	25,405	2,090,841	101,789	67,084	4,555	148,943
1978	4,010	421,217	21,520	1,992,418	93,592	26,544	1,437	47,265
1979	4,084	404,192	21,416	2,138,809	102,714	32,782	2,203	65,257
1980	4,651	506,991	26,507	3,029,679	157,108	138,603	8,768	358,852
1981	5,976	850,523	43,290	5,801,457	364,521	n.a.	n.a.	n.a.

See footnotes on page 451.

Table 625.—Farm real estate debt: Amount outstanding by farming regions, Jan. 1, 1965-82<sup>1</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>
1965.....	967,814	1,975,315	4,268,180	1,893,044	1,255,613	1,143,013
1966.....	1,067,935	2,194,552	4,733,371	2,132,367	1,413,936	1,264,111
1967.....	1,158,283	2,364,346	5,130,393	2,333,776	1,553,069	1,394,113
1968.....	1,237,019	2,509,539	5,707,602	2,663,688	1,709,758	1,530,585
1969.....	1,321,548	2,685,812	6,321,121	3,022,856	1,862,779	1,668,598
1970.....	1,426,304	2,845,050	6,677,534	3,216,629	2,006,238	1,810,654
1971.....	1,510,059	2,957,778	6,862,910	3,330,858	2,102,622	1,912,536
1972.....	1,629,716	3,157,213	7,231,041	3,520,437	2,248,087	2,075,400
1973.....	1,835,944	3,521,139	7,888,472	3,901,630	2,481,341	2,359,575
1974.....	2,182,926	4,010,632	9,003,827	4,408,702	2,907,534	2,883,829
1975.....	2,562,877	4,516,356	9,882,580	4,717,705	3,373,550	3,465,415
1976.....	2,752,445	4,932,545	10,046,205	5,151,318	3,839,693	3,823,082
1977.....	2,851,665	5,470,493	12,655,406	5,882,549	4,245,752	3,996,671
1978.....	3,036,785	6,290,125	14,847,091	6,718,841	4,780,254	4,471,428
1979.....	3,195,662	7,213,663	16,707,638	7,340,074	5,252,563	5,042,239
1980.....	3,875,914	8,554,612	19,238,236	8,711,165	6,249,380	5,773,723
1981.....	4,391,691	9,711,035	21,538,686	9,969,154	6,801,723	6,410,888
1982 <sup>2</sup> .....	4,724,269	10,974,346	23,888,516	11,157,986	7,442,320	7,180,490

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>3</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>
1965.....	1,065,544	1,985,475	1,880,689	2,445,464	18,894,240
1966.....	1,217,870	2,231,294	2,124,793	2,788,474	21,186,886
1967.....	1,363,294	2,398,478	2,330,782	3,032,469	23,077,186
1968.....	1,500,675	2,629,660	2,519,122	3,113,519	25,142,401
1969.....	1,659,243	2,883,875	2,732,712	3,217,441	27,397,370
1970.....	1,798,655	3,042,914	2,895,357	3,443,265	29,182,766
1971.....	1,871,531	3,131,092	3,018,002	3,623,050	30,346,083
1972.....	1,977,419	3,280,792	3,200,982	3,855,991	32,207,666
1973.....	2,187,908	3,714,396	3,562,412	4,254,778	35,757,754
1974.....	2,459,145	4,314,397	4,036,787	4,982,602	41,252,870
1975.....	2,726,595	4,916,925	4,373,794	5,686,721	46,288,419
1976.....	2,983,769	5,408,134	4,923,779	6,143,332	51,068,946
1977.....	3,297,995	5,715,707	5,409,803	6,938,445	56,559,645
1978.....	3,637,498	6,024,358	5,962,949	7,794,321	63,641,566
1979.....	3,981,790	6,377,056	6,445,261	9,194,220	70,832,666
1980.....	4,700,147	7,074,638	7,644,534	10,747,964	82,677,505
1981.....	5,170,665	7,864,763	8,377,684	11,653,560	92,017,878
1982 <sup>2</sup> .....	5,792,719	8,454,282	9,100,328	13,190,305	102,045,484

<sup>1</sup>States included in regions are as follows: Northeast—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, and Maryland; Lake States—Michigan, Wisconsin, and Minnesota; Corn Belt—Ohio, Indiana, Illinois, Iowa, and Missouri; Northern Plains—North Dakota, South Dakota, Nebraska, and Kansas; Appalachian—Virginia, West Virginia, North Carolina, Kentucky, and Tennessee; Southeast—South Carolina, Georgia, Florida, and Alabama; Delta States—Mississippi, Arkansas, and Louisiana; Southern Plains—Oklahoma and Texas; Mountain—Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada; Pacific—Washington, Oregon, and California. <sup>2</sup>Preliminary. <sup>3</sup>Includes Alaska and Hawaii.

Economic Research Service.

Table 626.—Farm real estate debt: Amount outstanding by lender, United States, Jan. 1, 1965-82

Year	Federal land banks <sup>1</sup>	Farmers Home Administration <sup>2</sup>	Life insurance companies <sup>3</sup>	All operating banks <sup>4</sup>	Individuals and others <sup>5</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>
1965.....	3,686,755	1,284,913	4,287,671	2,416,634	7,218,267	18,894,240
1966.....	4,240,227	1,497,313	4,801,677	2,607,404	8,040,265	21,186,886
1967.....	4,914,522	1,663,067	5,213,587	2,770,010	8,516,000	23,077,186
1968.....	5,563,204	1,844,046	5,539,600	3,060,551	9,135,000	25,142,401
1969.....	6,081,229	2,054,382	5,763,500	3,333,259	10,165,000	27,397,370
1970.....	6,671,222	2,279,620	5,733,900	3,545,024	10,953,000	29,182,766
1971.....	7,145,363	2,440,043	5,610,300	3,772,377	11,378,000	30,346,083
1972.....	7,879,753	2,618,131	5,564,300	4,218,482	11,927,000	32,207,666
1973.....	9,050,067	2,835,202	5,643,300	4,792,185	13,437,000	35,757,754
1974.....	10,901,352	3,013,440	5,964,800	5,458,278	15,915,000	41,252,870
1975.....	13,402,441	3,214,657	6,297,400	5,966,282	17,407,639	46,288,419
1976.....	15,949,720	3,368,747	6,726,000	6,296,286	18,728,193	51,068,946
1977.....	18,454,758	3,657,467	7,400,200	6,781,410	20,265,990	56,559,645
1978.....	21,391,162	3,982,054	8,819,400	7,780,261	21,668,689	63,641,566
1979.....	24,619,174	4,121,038	10,478,200	8,556,539	23,057,715	70,832,666
1980.....	29,641,784	7,110,613	12,165,300	8,623,281	25,136,527	82,677,505
1981.....	35,944,492	7,714,928	12,927,800	8,745,242	26,685,416	92,017,878
1982 <sup>2</sup> .....	43,563,819	8,744,181	13,100,252	8,387,232	28,250,000	102,045,484

See footnote on page 446.

Table 627.—Farm real estate debt: Amount outstanding, by States, Jan. 1, 1965, 1970, 1975, 1980, 1981 and 1982

State	1965	1970	1975	1980	1981	1982 <sup>1</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>
Ala.....	251,621	402,451	634,856	1,098,955	1,243,861	1,383,364
Alaska.....	2,535	2,706	4,286	6,532	19,399	10,650 <sup>2</sup>
Ariz.....	196,238	293,473	397,295	644,436	711,037	753,725
Ark.....	449,175	721,809	1,089,211	1,842,131	1,951,549	2,114,124
Calif.....	1,704,724	2,353,445	3,904,386	7,375,654	7,990,458	8,997,411
Colo.....	397,669	651,534	1,087,265	1,899,134	2,144,761	2,397,834
Conn.....	32,213	38,426	73,857	102,107	115,656	126,661
Del.....	22,277	40,525	76,017	114,198	124,832	134,218
Fla.....	419,076	614,323	1,267,807	2,017,536	2,234,365	2,593,660
Ga.....	339,129	584,717	1,148,839	1,974,879	2,168,343	2,332,106
Hawaii.....	11,554	17,460	61,615	100,660	108,630	129,363
Idaho.....	386,156	579,894	875,059	1,562,951	1,645,098	1,792,831
Ill.....	956,337	1,504,747	2,190,726	4,747,678	5,324,975	5,939,712
Ind.....	691,412	1,089,451	1,656,518	3,345,373	3,723,711	4,113,184
Iowa.....	1,345,602	2,184,660	3,140,923	5,791,666	6,596,329	7,389,105
Kans.....	584,847	1,025,935	1,544,233	2,879,719	3,206,298	3,636,120
Ky.....	372,290	599,255	982,398	1,858,579	2,009,314	2,165,061
La.....	232,683	452,362	714,120	1,392,432	1,553,362	1,789,183
Maine.....	36,019	58,369	93,976	145,368	153,622	169,983
Md. <sup>2</sup> .....	132,042	225,290	376,938	583,740	666,095	713,228
Mass.....	27,630	38,944	71,216	89,865	101,818	113,303
Mich.....	456,411	666,770	1,066,812	1,926,654	2,144,770	2,395,199
Minn.....	904,065	1,325,479	1,997,148	3,973,606	4,575,684	5,191,296
Miss.....	383,686	624,484	923,264	1,465,584	1,665,754	1,889,457
Mo.....	684,037	1,038,771	1,600,503	2,889,143	3,155,629	3,444,161
Mont.....	364,405	632,912	976,233	1,720,919	1,894,114	2,000,201
Nebr.....	625,436	1,099,564	1,596,989	3,012,989	3,411,806	3,849,073
Nev.....	70,296	85,036	123,122	231,016	256,537	275,608
N.H.....	11,663	18,210	32,721	49,848	52,787	56,159
N.J.....	80,641	114,558	211,405	282,107	336,433	340,616
N. Mex.....	196,046	278,392	377,923	640,981	696,595	755,639
N.Y.....	285,843	407,812	759,288	1,068,905	1,193,444	1,287,213
N.C.....	292,387	446,287	779,765	1,556,112	1,744,355	2,011,892
N. Dak.....	307,276	520,291	750,006	1,430,385	1,807,748	1,949,092
Ohio.....	590,792	859,905	1,293,910	2,464,376	2,738,042	3,002,354
Okla.....	483,647	774,171	1,295,517	2,121,203	2,389,972	2,666,023
Oreg.....	361,868	510,214	834,542	1,584,469	1,733,322	1,969,513
Pa.....	284,538	408,832	724,202	1,246,490	1,432,061	1,554,694
R.I.....	2,983	3,569	5,581	8,331	9,803	10,468
S.C.....	133,187	209,163	413,913	687,353	764,319	871,360
S. Dak.....	375,485	570,839	826,477	1,388,072	1,543,302	1,723,611
Tenn.....	330,363	543,688	906,253	1,615,304	1,719,437	1,839,810
Tex.....	1,501,828	2,268,743	3,621,408	4,953,435	5,474,791	5,788,259
Utah.....	114,459	139,354	195,380	366,497	413,965	468,315
Vt.....	51,965	76,769	137,258	184,955	205,140	217,726
Va.....	209,361	345,604	584,888	1,001,147	1,098,313	1,183,812
Wash.....	378,872	579,606	947,793	1,787,841	1,929,580	2,223,381
W. Va.....	51,212	71,404	120,246	218,238	230,304	241,835
Wis.....	614,839	852,801	1,452,396	2,654,352	2,990,581	3,387,851
Wyo.....	155,420	234,762	341,917	578,600	615,582	656,175
U.S.....	18,894,240	29,182,766	46,288,819	82,677,505	92,017,878	102,045,484

<sup>1</sup> Preliminary.<sup>2</sup> Includes District of Columbia.

Economic Research Service.

## FOOTNOTES FOR TABLE 626

<sup>1</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts.<sup>2</sup> Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms, and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.<sup>3</sup> Compiled from reports of life insurance companies, "Best's Life Insurance Reports," "Spectator Life Insurance Yearbooks," and data from Life Insurance Association of America and Institute of Life Insurance. Includes legal reserve companies only.<sup>4</sup> Includes all operating commercial, savings, and private banks.<sup>5</sup> Estimated by ERS.<sup>6</sup> Preliminary.

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Table 628.—Farm real estate debt: Amount outstanding by lender, by States, Jan. 1, 1981 and 1982

State	Federal land banks <sup>1</sup>		Life insurance companies <sup>2</sup>		Farmers Home Administration <sup>4</sup>		All banks		Individuals and others <sup>5</sup>	
	1981	1982	1981	1982 <sup>3</sup>	1981	1982	1981	1982	1981	1982 <sup>3</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
Ala.....	572,837	704,189	103,300	109,974	134,524	144,753	207,796	185,828	225,404	238,620
Alaska.....	2,509	2,578	14,000	4,609	2,471	2,112	419	1,351		
Ark.....	113,057	133,534	217,100	213,188	69,520	80,161	13,702	11,732	297,658	315,110
Ariz.....	618,934	761,109	429,400	429,465	242,453	277,461	275,773	238,528	384,989	407,561
Calif.....	2,405,012	3,076,209	1,810,400	1,865,899	140,451	180,517	482,705	538,098	3,151,890	3,336,688
Colo.....	988,636	1,190,376	401,700	393,607	121,151	135,310	29,984	39,880	603,290	638,661
Conn.....	60,416	67,209	400	311	16,275	19,447	8,352	7,710	30,213	31,984
Del.....	63,426	70,935	1,100	813	15,638	18,815	20,698	18,274	23,975	25,381
Fla.....	995,804	1,274,144	493,000	517,587	104,462	124,327	140,528	147,682	500,571	529,920
Ga.....	1,157,465	1,335,716	253,700	214,715	183,567	210,611	343,870	327,853	229,741	243,211
Hawaii.....	73,466	86,618	15,300	15,607	15,023	15,786	4,841	9,352		
Idaho.....	641,475	711,982	256,200	266,199	267,123	304,655	9,889	12,009	470,406	497,986
Ill.....	2,390,892	2,857,929	779,700	814,169	260,235	296,785	508,008	579,640	1,314,140	1,391,189
Ind.....	1,436,237	1,734,434	525,700	520,252	233,532	281,188	554,353	546,321	973,889	1,030,989
Iowa.....	2,361,882	2,902,062	948,200	1,013,101	344,932	397,309	338,712	321,437	2,602,603	2,755,196
Kans.....	1,575,714	1,938,361	449,400	450,753	247,760	272,314	202,241	200,639	731,183	774,058
Ky.....	742,298	863,690	186,500	178,782	226,435	259,487	422,929	406,671	431,152	456,431
La.....	708,002	938,632	317,100	290,468	130,850	148,867	216,921	220,100	180,489	191,071
Maine.....	33,508	50,237	5,700		81,874	86,308	7,315	6,734	25,225	26,704
Md. <sup>6</sup> .....	269,494	303,003	21,900	20,818	53,617	62,629	78,915	70,305	242,269	256,473
Mass.....	33,157	37,150	2,200	585	19,570	26,575	12,520	12,607	34,371	36,386
Mich.....	891,728	1,080,331	79,600	71,441	176,564	213,377	200,752	186,747	796,126	842,803
Minn.....	1,805,736	2,280,217	456,600	459,583	295,071	334,896	266,515	262,131	1,751,762	1,854,469
Miss.....	654,211	860,659	376,900	375,573	201,769	223,537	223,724	208,875	209,150	221,413
Mo.....	1,023,254	1,203,784	479,900	493,844	335,606	377,528	538,142	544,621	778,727	824,384
Mont.....	687,406	770,160	377,200	347,004	148,835	166,270	26,888	24,650	653,785	692,117
Nebr.....	1,321,235	1,617,190	695,800	736,449	356,717	397,520	89,376	93,085	949,178	1,004,829
Nev.....	71,875	81,782	91,900	94,355	20,124	22,532	880	974	71,758	75,965
N.H.....	18,941	20,267	5,700	6,386	10,073	10,635	7,679	7,868	10,394	11,003
N.J.....	130,362	137,743	4,000	3,898	29,164	31,729	27,796	13,627	145,111	153,619
N. Mex.....	263,336	302,081	104,400	103,698	66,265	75,268	26,062	24,192	236,532	250,400
N.Y.....	428,504	488,243	30,600	29,265	172,353	193,704	126,377	109,851	435,610	461,150
N.C.....	1,052,750	1,243,094	119,500	154,387	248,767	382,483	95,419	90,556	227,919	241,282
N. Dak.....	924,061	1,149,450	68,400	58,998	263,479	285,448	222,310	106,379	329,498	348,817
Ohio.....	1,104,292	1,305,087	298,000	296,694	115,132	142,167	470,139	463,926	750,479	794,480
Okla.....	982,079	1,189,111	217,600	211,940	325,115	358,268	217,056	220,852	648,122	686,122
Oreg.....	608,235	754,477	233,000	258,587	113,842	133,682	14,629	14,168	763,816	808,599
Pa.....	510,298	575,376	35,800	35,196	126,661	152,784	384,813	394,892	374,489	396,446
R.I.....	4,969	5,242	100		3,618	4,204	562	486	554	586
S.C.....	539,191	643,356	23,800	20,587	105,873	112,992	37,256	32,814	58,199	61,611
S. Dak.....	630,872	735,354	127,100	143,092	368,795	405,958	43,913	44,738	372,622	394,469
Tenn.....	565,933	653,489	81,300	84,043	231,466	261,220	372,820	345,346	467,918	495,352
Tex.....	1,752,380	2,018,710	993,600	955,720	323,351	359,904	551,176	490,923	1,854,284	1,963,002
Utah.....	187,733	234,803	27,400	26,585	57,959	61,155	21,277	19,164	119,596	126,608
Vt.....	63,167	69,346	1,200	1,240	52,857	56,141	24,161	23,506	63,755	67,493
Va.....	546,053	624,445	39,500	39,786	109,618	117,414	165,705	150,809	237,437	251,358
Wash.....	625,426	801,633	421,600	467,420	149,745	172,369	47,216	58,169	685,593	725,790
W. Va.....	55,889	66,248	13,900	14,055	51,857	57,197	70,509	63,949	38,149	40,386
Wis.....	1,059,793	1,395,098	148,700	144,135	230,271	316,492	505,062	476,931	996,755	1,055,195
Wyo.....	190,562	215,186	143,200	145,389	62,623	66,390	14,557	12,572	204,640	216,638
U.S.....	35,944,492	43,563,819	12,927,800	13,100,252	7,714,928	8,744,181	8,745,242	8,387,232	26,685,416	28,250,000

<sup>1</sup>Includes mortgages in process of foreclosure.

<sup>2</sup>Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages.

<sup>3</sup>Preliminary.

<sup>4</sup>Includes farm ownership loans, recreation loans to individuals, soil and water loans to individuals, rural housing loans on farms and association loans for irrigation and drainage, for grazing, and for Indian tribe land acquisition.

<sup>5</sup>Estimated by ERS, USDA.

<sup>6</sup>Includes District of Columbia.

Table 629.—All operating banks: Amount of agricultural loans outstanding, by type, and by State, specified dates, 1980-82<sup>1</sup>

State and Territory	Farm real estate loans					Nonreal estate farm loans				
	1980		1981		1982 <sup>2</sup>	1980		1981		1982 <sup>2</sup>
	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>
Ala.....	206,863	200,499	207,796	202,489	185,828	257,357	286,493	278,279	279,665	248,497
Alaska.....	1,454	262	419	1,388	1,351	330	76	316	233	20,981
Ariz.....	11,634	6,615	13,702	12,008	11,732	412,609	374,410	433,075	421,111	443,086
Ark.....	298,732	284,780	275,773	254,458	238,528	363,017	402,959	397,754	396,102	388,412
Calif.....	398,232	457,942	482,705	517,411	538,098	2,654,543	2,777,376	2,847,702	3,260,103	3,345,243
Colo.....	35,249	30,253	29,984	39,288	39,880	741,636	728,079	738,173	731,653	723,629
Conn.....	8,099	8,305	8,352	8,804	7,710	18,538	12,873	12,315	11,670	13,448
Del.....	21,416	21,666	20,698	19,413	18,274	19,686	9,845	17,436	14,827	13,483
Fla.....	144,143	140,808	140,528	144,722	147,682	169,704	151,439	171,900	168,366	186,156
Ga.....	360,584	354,901	343,870	340,263	327,853	331,334	349,138	336,711	345,047	313,653
Hawaii.....	8,702	5,768	4,841	8,615	9,352	11,760	16,046	19,443	18,002	21,128
Idaho.....	11,974	11,909	9,889	10,919	12,009	365,244	365,808	345,391	402,374	413,633
Ill.....	579,892	552,580	580,008	590,547	579,640	2,184,440	2,088,593	2,122,917	2,257,907	2,204,950
Ind.....	559,990	551,839	554,353	548,683	546,321	940,939	954,338	982,108	975,677	949,507
Iowa.....	357,635	339,308	338,712	329,865	321,437	3,529,109	3,368,663	3,360,774	3,475,263	3,323,278
Kans.....	213,679	210,220	202,241	200,562	200,639	1,990,857	1,908,326	2,017,453	1,985,799	2,047,739
Ky.....	433,030	414,731	422,929	419,712	406,671	448,734	467,471	484,517	535,431	539,367
La.....	197,476	208,466	216,921	210,077	220,100	235,948	280,550	274,114	319,365	307,552
Maine.....	7,590	6,997	7,315	6,868	6,734	17,207	11,715	13,769	7,955	14,050
Md. <sup>3</sup> .....	74,854	77,779	78,915	74,732	70,305	56,271	58,408	60,577	64,714	59,629
Mass.....	12,807	6,028	12,520	20,661	12,607	72,947	42,689	56,674	66,210	60,938
Mich.....	208,986	199,244	200,752	188,174	186,747	409,318	408,561	392,364	428,288	419,488
Minn.....	283,660	274,330	266,515	264,838	262,131	1,909,439	1,918,687	1,835,705	1,985,529	1,936,324
Miss.....	234,498	224,454	223,724	225,194	208,875	289,660	317,382	323,460	337,003	330,770
Mo.....	536,660	532,995	538,142	543,111	544,621	1,266,235	1,282,169	1,290,045	1,324,839	1,309,554
Mont.....	29,717	28,074	26,888	25,533	24,650	509,958	526,101	498,913	548,261	544,912
Nebr.....	93,437	92,112	89,376	93,534	93,085	2,334,573	2,265,729	2,390,279	2,561,959	2,505,712
Nev.....	1,235	1,075	880	948	974	19,589	19,204	18,051	16,610	18,027
N.H.....	8,046	7,808	7,679	7,877	7,868	2,719	3,328	2,974	3,194	2,877
N.J.....	14,798	14,952	27,796	14,546	13,627	10,212	12,095	9,452	10,844	7,482
N. Mex.....	28,705	24,596	26,062	27,088	24,192	178,934	184,972	185,015	176,458	191,425
N.Y.....	127,795	120,721	126,377	129,411	109,851	516,793	495,693	665,166	645,435	569,950
N.C.....	97,160	96,884	95,419	94,288	90,556	251,044	349,125	252,670	343,944	228,429
N. Dak.....	93,151	94,183	222,310	65,112	106,379	790,060	754,264	767,665	793,737	802,655
Ohio.....	456,931	457,762	470,139	468,111	463,926	481,570	493,319	474,333	507,480	504,971
Okla.....	226,875	215,776	217,056	218,671	220,582	1,079,320	1,081,201	1,135,461	1,137,554	1,288,504
Oreg.....	14,611	14,692	14,629	13,604	14,168	278,844	329,367	302,529	346,603	305,660
Pa.....	378,010	380,205	384,813	396,186	394,892	329,628	314,916	308,422	305,082	319,647
R. I.....	874	666	562	522	436	648	840	1,016	1,044	1,384
S. C.....	41,637	39,478	37,256	35,113	32,814	75,154	96,399	79,217	93,227	73,121
S. Dak.....	47,504	45,906	43,913	43,135	44,738	1,090,156	1,043,825	1,086,993	1,084,872	1,113,974
Tenn.....	376,726	369,004	372,820	363,218	345,346	815,142	331,414	335,082	343,996	324,521
Tex.....	501,606	511,242	551,176	490,857	490,923	2,155,181	2,194,113	2,350,029	2,347,383	2,455,542
Utah.....	24,790	21,972	21,277	18,663	19,164	91,805	90,177	87,774	91,745	94,636
Vt.....	25,519	23,943	24,161	23,383	23,506	20,964	19,647	21,006	23,045	24,499
Va.....	150,333	164,667	165,705	161,693	150,809	182,311	205,383	194,124	209,769	183,955
Wash.....	50,040	49,556	47,216	45,041	56,169	582,621	590,727	558,121	598,690	554,287
W. Va.....	76,138	74,687	70,509	68,855	63,949	32,867	32,839	33,175	35,477	36,637
Wis.....	535,823	513,789	505,062	485,011	476,931	796,856	813,789	834,671	901,970	936,234
Wyo.....	13,981	12,419	14,557	13,537	12,572	211,020	227,346	212,048	229,485	224,728
U.S.....	8,623,281	8,496,848	8,745,242	8,486,719	8,387,232	31,034,291	31,057,047	31,567,158	33,171,607	32,948,214
P.R.....	10,165	9,282	8,398	14,996	18,137	50,663	28,738	20,782	26,448	24,955
Other possessions <sup>4</sup> .....	27	0	0	0	0	12	10	42	38	51
Total.....	8,633,473	8,508,130	8,753,640	8,501,715	8,405,369	31,084,966	31,085,795	31,587,982	33,198,093	32,973,220

<sup>1</sup>Includes loans of national and 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 borrower.

<sup>2</sup>Preliminary

<sup>3</sup>Includes District of Columbia.

<sup>4</sup>Mariana Islands, Samoa (American), and Virgin Islands

Economic Research Service. Data from Federal Deposit Insurance Corporation.



Table 630.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,<sup>1</sup> Jan. 1, 1965-82<sup>2</sup>

Year	North-east	Lake States	Corn Belt	Northern Plains	Appalachian	South-east	Delta States	Southern Plains	Mountain	Pacific	United States
	Per-cent	Per-cent	Per-cent	Per-cent	Percent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Percent
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
1970	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.8
1971	5.9	5.5	5.9	5.9	6.2	6.5	6.5	6.2	6.0	5.9	6.0
1972	6.4	6.1	5.9	5.8	6.4	6.5	6.2	5.8	5.9	6.1	6.1
1973	6.6	6.1	6.1	5.9	6.5	6.7	6.3	6.0	6.1	6.2	6.2
1974	6.9	6.4	6.4	6.2	6.9	7.1	6.6	6.5	6.3	6.4	6.5
1975	7.1	6.8	6.7	6.6	7.3	7.5	7.0	6.8	6.7	6.7	6.9
1976	7.3	6.8	7.1	6.7	7.6	7.9	7.2	6.8	6.9	6.9	7.1
1977	7.3	7.1	7.2	7.1	7.5	7.7	7.3	7.1	7.1	7.2	7.2
1978	7.3	7.2	7.3	7.2	7.4	7.7	7.5	6.9	7.2	7.4	7.3
1979	7.6	7.4	7.8	7.6	8.0	8.0	7.9	7.6	7.7	7.8	7.7
1980	7.8	8.2	8.2	8.0	8.4	8.6	8.2	7.8	7.9	8.0	8.1
1981	8.5	8.5	8.6	8.9	8.7	8.8	8.8	8.3	8.6	8.4	8.6
1982 <sup>3</sup>	9.4	9.3	10.0	10.1	9.9	9.8	9.9	9.2	9.5	9.0	9.7

<sup>1</sup>For States included in regions, see footnote 1, table 625.

<sup>2</sup>Contract rates. Excludes Alaska and Hawaii.

<sup>3</sup>Preliminary.

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Table 631.—Farm real estate debt: Interest charges payable on debt outstanding, by farming regions,<sup>1</sup> Jan. 1, 1965-82<sup>2</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965	54,321	104,055	236,168	104,403	75,645	69,710
1966	60,000	115,048	261,121	117,043	84,358	77,619
1967	65,396	124,382	292,006	133,227	97,509	87,150
1968	70,598	134,298	331,720	155,034	102,867	97,442
1969	77,615	14,364	367,845	175,039	114,410	108,692
1970	85,927	157,595	393,629	189,439	125,676	120,188
1971	94,863	170,683	422,508	203,442	138,141	132,681
1972	113,063	202,849	454,757	217,899	151,297	146,593
1973	135,958	235,930	527,437	253,343	179,583	181,039
1974	167,337	283,294	617,131	292,038	220,519	231,113
1975	193,373	322,692	719,937	327,925	266,815	280,002
1976	205,907	362,192	847,502	382,137	305,241	305,077
1977	216,426	420,766	999,131	449,256	336,602	326,839
1978	232,476	494,310	1,201,590	520,313	386,427	374,965
1979	275,635	616,458	1,446,502	627,863	469,269	451,938
1980	342,737	763,317	1,717,179	793,995	556,758	530,349
1981 <sup>3</sup>	409,957	922,198	2,129,781	1,013,030	667,520	633,461

Year	Delta States	Southern Plains	Mountain	Pacific	United States <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965	66,186	113,963	107,730	142,273	1,075,320
1966	74,887	126,636	120,995	159,237	1,197,928
1967	84,628	140,751	133,475	170,042	1,324,650
1968	95,946	158,206	147,065	177,676	1,472,048
1969	109,289	175,609	161,115	190,655	1,624,827
1970	119,192	189,547	173,905	207,014	1,763,471
1971	126,688	203,362	187,612	223,737	1,905,431
1972	129,427	206,585	203,442	249,416	2,077,979
1973	149,471	251,710	236,166	290,827	2,445,281
1974	175,594	308,802	274,522	349,640	2,924,680
1975	202,394	353,428	317,188	404,468	3,393,191
1976	227,727	387,252	362,212	461,506	3,851,853
1977	257,263	410,205	407,340	535,159	4,364,698
1978	295,755	450,943	462,223	647,666	5,073,314
1979	351,644	514,995	549,184	790,589	6,102,339
1980	418,749	597,093	660,524	917,293	7,308,618
1981 <sup>3</sup>	513,594	709,366	787,150	1,078,840	8,877,983

<sup>1</sup>For States included in regions, see footnote 1, table 625.

<sup>2</sup>Estimated as payable during calendar year.

<sup>3</sup>Preliminary.

<sup>4</sup>Includes Alaska and Hawaii beginning 1965.

Economic Research Service.

Table 632.—Interest rates: Selected series, United States, 1965–81

Year	Federal land banks		Production credit associations, average cost of loans <sup>3</sup>	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4–6 months) <sup>6</sup>	Federal Reserve Bank discount rates, New York <sup>7</sup>
	Average rate on new loans <sup>1</sup>	Bond rates <sup>2</sup>		Discount rates <sup>4</sup>	Bond rates <sup>2</sup>	Rates on loans <sup>5</sup>	Bond rates <sup>2</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1965	5.60	4.31	6.58	4.87	4.46	4.25–5.75	4.49	4.38	4.04
1966	5.82	4.84	6.87	5.53	5.84	4.75–6.00	6.12	5.55	4.50
1967	6.02	5.02	7.29	5.98	5.16	5.25–6.00	5.60	5.10	4.19
1968	6.84	5.41	7.34	6.41	6.11	5.75–6.50	6.03	5.90	5.16
1969	7.82	6.21	7.79	7.23	7.85	6.25–8.50	8.23	7.83	5.87
1970	8.68	6.97	8.98	8.46	7.41	7.00–9.00	6.99	7.72	5.95
1971	7.86	6.45	7.28	6.33	5.53	5.25–7.50	5.57	5.11	4.88
1972	7.42	6.38	7.02	6.00	5.57	4.75–7.25	5.34	4.69	4.50
1973	7.48	6.59	8.09	7.31	7.85	5.50–9.50	8.75	8.15	6.44
1974	8.14	7.36	9.43	8.78	8.65	8.50–10.50	9.01	9.87	7.83
1975	8.69	7.60	8.91	8.14	6.88	7.25–10.50	7.03	6.33	6.25
1976	8.66	7.51	8.24	7.36	6.40	7.25–8.75	6.14	5.35	5.50
1977	8.39	7.37	7.88	6.94	6.53	6.50–8.00	6.76	5.60	5.46
1978	8.35	7.68	8.83	8.06	8.15	7.75–9.75	8.66	7.99	7.46
1979	9.20	8.74	10.71	10.21	10.37	10.00–12.75	11.09	10.91	10.28
1980	10.39	9.71	12.86	12.37	11.10	11.00–16.00	11.34	12.29	11.77
1981	11.27	11.65	14.87	14.27	14.18	14.75–16.50	14.14	14.76	13.41

<sup>1</sup>Contract rates on loans through Federal land bank associations. In computing the average rates, each Farm Credit district is given equal weight.

<sup>2</sup>Weighted average net cost to banks of bonds outstanding at end of year.

<sup>3</sup>Rate represents interest (less patronage refunds), service fees, cost of record searches, and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

<sup>4</sup>Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

<sup>5</sup>Excludes rates on loans secured by CCC documents.

<sup>6</sup>Board of Governors of the Federal Reserve System Annual averages of prevailing open-market rates in New York City. Beginning November 1979, data are for 6-months paper.

<sup>7</sup>Board of Governors of the Federal Reserve System. Annual average 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.

Table 633.—Non real estate farm debt: Amount outstanding, by lender, United States, Jan. 1, 1965–82

Year	Debt owned to reporting institutions (excluding CCC)					Debts owned to individuals and others	Total excluding CCC loans	Price-support and storage loans made or guaranteed by CCC <sup>2</sup>	Total including CCC loans
	All operating banks	Production credit association	Federal intermediate credit banks <sup>1</sup>	Farmers Home Administration	Total				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1965	6,990	2,278	125	644	10,036	6,930	16,366	1,543	17,909
1966	7,676	2,579	140	717	11,112	6,950	18,062	1,408	19,470
1967	8,534	3,016	157	738	12,444	7,350	19,794	1,157	20,951
1968	9,272	3,518	176	798	13,764	7,070	20,834	1,420	22,254
1969	9,720	3,826	180	822	14,547	5,840	20,387	2,671	23,058
1970	10,330	4,495	218	785	15,828	5,340	21,168	2,676	23,844
1971	11,102	5,295	220	795	17,412	4,850	22,262	1,876	24,138
1972	12,498	6,078	237	771	19,584	5,060	24,644	2,262	26,906
1973	14,315	6,607	251	781	21,954	5,840	27,794	1,793	29,587
1974	17,167	7,829	331	877	26,204	5,930	32,134	750	32,884
1975	18,238	9,519	374	1,044	29,176	6,050	35,226	319	35,545
1976	20,160	10,773	350	1,772	33,056	6,350	39,406	375	39,781
1977	23,283	12,233	368	1,877	37,761	7,300	45,061	1,040	46,101
1978	25,709	13,508	374	3,141	42,732	8,410	51,142	4,540	55,682
1979	28,273	15,016	509	5,780	49,578	10,420	59,998	5,666	65,664
1980	31,034	18,239	665	8,983	58,981	11,720	70,701	5,070	75,771
1981	31,567	20,027	810	11,756	64,160	14,000	78,160	4,978	83,138
1982 <sup>3</sup>	32,948	21,484	913	14,452	69,797	15,000	84,797	8,009	92,806

<sup>1</sup>Loans to and discounts for livestock loans companies and agricultural credit corporations.

<sup>2</sup>Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as debts. Borrowers must either pay them or deliver the commodities on which they are based.

<sup>3</sup>Preliminary.

Economic Research Service.

Table 634.—Farm Credit System: Loans and discounts made, United States, 1965-81<sup>1</sup>

Year	Federal land banks	Production credit		Banks for cooperatives	Total
		Production credit associations <sup>2</sup>	Federal intermediate credit banks to other financing institutions		
	<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>
1965.....	1,235,154	4,135,519	295,518	1,316,229	6,982,420
1966.....	1,337,250	4,813,178	351,080	1,664,844	8,166,352
1967.....	1,267,587	5,427,751	386,584	1,743,449	8,825,371
1968.....	1,101,322	6,052,907	409,768	1,802,226	9,366,223
1969.....	1,165,895	7,077,351	504,533	1,942,213	10,689,992
1970.....	1,016,821	8,276,660	621,431	2,476,077	12,390,989
1971.....	1,555,009	9,421,290	640,654	2,730,148	14,347,101
1972.....	2,251,035	10,438,649	692,747	3,360,753	16,743,184
1973.....	3,284,681	13,038,446	856,691	6,388,950	23,568,768
1974.....	4,243,479	14,398,388	879,070	8,372,547	27,893,484
1975.....	4,411,268	16,062,551	766,416	8,907,911	30,148,146
1976.....	4,700,861	18,327,314	830,269	10,820,401	34,678,845
1977.....	5,730,118	20,147,831	849,423	12,276,751	39,004,123
1978.....	6,355,338	23,378,215	1,194,118	14,125,181	45,052,852
1979.....	9,118,595	29,368,159	1,647,742	18,950,701	59,085,197
1980.....	10,282,308	32,674,199	1,832,043	24,675,291	69,463,841
1981.....	12,202,902	35,007,079	1,927,286	24,783,575	73,920,842

<sup>1</sup> Includes Puerto Rico.

<sup>2</sup> Includes renewals.

Farm Credit Administration.

Table 635.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1965-82<sup>1</sup>

Year	Federal land banks	Production credit		Banks for cooperatives	Net total
		Production credit associations	Other financing institutions		
	<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>
1965.....	3,718,170	2,296,248	131,751	957,826	7,103,995
1966.....	4,280,675	2,598,460	146,091	1,055,163	8,080,389
1967.....	4,957,836	3,042,333	162,473	1,289,819	9,452,461
1968.....	5,609,265	3,550,971	181,781	1,506,383	10,848,400
1969.....	6,126,369	3,861,179	183,100	1,576,960	11,747,608
1970.....	6,714,172	4,533,205	224,425	1,731,971	13,203,773
1971.....	7,187,140	5,334,496	222,098	2,029,864	14,773,598
1972.....	7,918,185	6,115,524	238,931	2,013,491	16,286,131
1973.....	9,104,930	6,636,076	252,681	2,297,805	18,291,492
1974.....	11,073,276	7,859,554	333,207	2,576,748	21,842,785
1975.....	13,863,752	9,560,649	403,402	3,575,483	27,403,286
1976.....	16,563,886	10,825,963	372,860	3,978,861	31,741,570
1977.....	19,126,749	12,297,052	385,185	5,061,669	36,870,655
1978.....	22,137,172	13,584,981	395,497	5,731,719	41,849,369
1979.....	25,626,461	15,112,202	534,139	6,217,025	47,489,827
1980.....	31,283,736	18,418,110	702,229	8,147,557	58,551,632
1981.....	38,137,543	20,160,313	845,007	9,505,526	68,648,389
1982.....	46,463,259	21,661,966	937,936	9,125,217	78,188,378

<sup>1</sup> Includes Puerto Rico.

Farm Credit Administration.

FOOTNOTES FOR TABLE 624

<sup>1</sup> Data for 1981 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 area on the farm.

<sup>4</sup> Includes a combination of commodities varying by counties.

<sup>5</sup> Less than 500 acres.

<sup>6</sup> Less than 500 dollars.

<sup>7</sup> Thousand of tons insured for raisins (not included in total of all commodities).

<sup>8</sup> Less than 500 tons.

n.a. not available.

Federal Crop Insurance Corporation.

**Table 636.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1981, loans made during 1981, and loans outstanding on specified dates, 1981 and 1982, by States**

State and Territory	Production credit associations Jan. 1, 1982	Members having outstanding loans Jan. 1, 1982	Loans made during 1981 <sup>1</sup>	Loans outstanding		
				1981		1982
				Jan. 1	July 1	Jan. 1
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	8	5,043	336,774	281,566	300,458	260,601
Ariz.....	2	841	392,218	130,270	171,120	182,276
Ark.....	14	7,806	844,473	440,898	473,983	430,572
Calif.....	22	14,105	3,401,131	1,723,341	1,962,323	1,999,022
Colo.....	8	3,658	1,111,674	428,829	462,478	433,841
Conn. <sup>2</sup> .....	1	1,026	108,117	46,012	49,376	51,927
Del.....	1	913	42,839	44,394	53,394	51,156
Fla.....	9	5,509	482,284	499,124	539,830	540,350
Ga.....	20	10,364	682,995	652,568	753,399	633,731
Hawaii.....	1	335	64,456	23,362	28,304	31,912
Idaho.....	5	4,595	874,470	358,123	440,870	455,158
Ill.....	17	11,577	1,183,580	672,746	737,069	703,059
Ind.....	10	18,501	1,401,007	867,130	941,215	906,806
Iowa.....	16	11,079	2,549,190	1,144,093	1,226,350	1,119,272
Kans.....	13	4,271	1,096,822	460,745	472,804	426,213
Ky.....	9	25,239	841,033	693,334	723,418	668,340
La.....	7	5,070	489,120	339,683	439,243	406,286
Maine.....	2	963	47,323	50,912	36,934	50,054
Md.....	5	3,164	97,886	103,186	119,681	112,794
Mass. <sup>2</sup> .....		999		36,992	43,493	45,653
Mich.....	8	10,184	709,401	399,808	496,785	485,950
Minn.....	16	14,209	1,882,712	959,439	1,106,893	1,047,035
Miss.....	10	4,160	563,991	312,425	373,226	341,462
Mo.....	12	13,013	905,273	468,387	547,547	503,269
Mont.....	11	4,959	803,357	369,243	474,201	465,994
Nebr.....	14	8,024	1,709,128	679,705	781,177	696,032
Nev.....	1	392	87,499	46,346	50,902	54,886
N.H. <sup>2</sup> .....		306		12,258	13,705	13,431
N.J.....	3	1,280	56,099	49,439	61,968	56,115
N. Mex.....	4	1,016	222,946	99,102	121,714	105,731
N.Y.....	12	10,109	296,361	343,525	380,026	388,704
N.C.....	17	25,969	667,283	704,934	899,702	762,959
N. Dak.....	5	9,196	945,629	555,670	617,636	579,863
Ohio.....	11	28,661	1,256,319	908,005	998,464	974,984
Okla.....	14	5,831	836,082	402,457	420,157	432,644
Oreg.....	8	4,719	725,222	415,017	480,023	476,861
Pa.....	9	9,988	293,862	298,958	318,435	320,117
R.I. <sup>2</sup> .....		210		7,025	7,478	6,621
S.C.....	11	8,419	300,684	312,780	370,436	321,523
S. Dak.....	9	4,589	711,610	335,349	351,477	348,099
Tenn.....	9	27,230	687,457	675,298	683,668	598,787
Tex.....	30	13,935	2,203,443	964,972	1,062,975	1,089,419
Utah.....	2	1,646	346,578	162,489	178,996	172,804
Vt. <sup>2</sup> .....	2	1,327	50,932	44,272	46,527	47,964
Va.....	8	7,413	175,446	164,548	193,155	187,497
Wash.....	6	3,650	615,041	301,999	387,275	363,785
W. Va.....	2	1,724	19,581	20,643	23,243	24,384
Wis.....	17	21,393	1,675,631	1,014,497	1,140,177	1,141,384
Wyo.....	1	754	191,943	108,657	128,606	115,411
U.S.....	422	379,364	34,986,902	20,134,555	22,692,316	21,632,738
P.R.....	1	822	20,177	25,758	26,839	29,228
Total.....	423	380,186	35,007,079	20,160,313	22,719,155	21,661,966

<sup>1</sup> Includes renewals.

<sup>2</sup> Massachusetts and Rhode Island are served by the Production Credit Association in Connecticut; New Hampshire is served by association in Connecticut and Vermont.

Farm Credit Administration.

Table 637.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1981 and outstanding Jan. 1, 1981, and number of associations, Jan. 1, 1982, by States

State and Territory	Federal land bank associations, Jan. 1, 1982	Federal land bank loans			
		Loans made during 1981		Loans outstanding Jan. 1, 1982	
	Number	Number	1,000 dollars	Number	1,000 dollars
Ala.....	12	2,540	215,605	15,925	804,176
Alaska <sup>1</sup> .....		9	536	178	8,613
Ariz.....	1	102	31,741	733	133,634
Ark.....	11	1,600	220,569	10,648	784,255
Calif.....	25	2,345	978,992	19,077	3,083,498
Colo.....	12	2,329	361,246	13,196	1,274,999
Conn. <sup>1</sup> .....	1	311	31,986	2,516	153,340
Del.....	1	119	15,123	1,001	75,897
Fla.....	7	2,149	405,904	11,200	1,366,352
Ga.....	15	4,142	321,361	28,545	1,546,240
Hawaii.....	1	77	24,956	389	91,253
Idaho.....	11	870	107,783	11,632	731,204
Ill.....	17	4,530	649,512	29,264	2,885,033
Ind.....	23	3,241	417,002	23,393	1,760,078
Iowa.....	19	5,991	828,835	37,378	3,028,042
Kans.....	16	5,233	554,983	30,235	1,990,401
Ky.....	10	2,089	205,022	12,944	910,208
La.....	9	1,818	350,309	10,707	1,025,312
Maine.....	2	122	23,101	810	55,138
Md.....	5	686	59,879	4,560	339,228
Mass. <sup>1</sup> .....					
Mich.....	11	4,706	410,854	22,440	1,280,143
Minn.....	17	5,978	754,618	31,318	2,346,440
Miss.....	12	2,039	316,089	12,083	922,296
Mo.....	12	3,304	283,012	22,182	1,242,040
Mont.....	10	928	122,638	9,100	784,568
Nebr.....	8	3,104	476,613	21,146	1,659,969
Nev.....	1	62	16,700	569	82,408
N.H. <sup>1</sup> .....					
N.J.....	3	332	26,713	2,058	157,496
N. Mex.....	4	369	72,732	2,739	312,516
N. Y.....	12	1,253	109,854	11,205	533,534
N. C.....	15	4,808	315,738	36,808	1,530,713
N. Dak.....	8	2,765	358,253	13,622	1,159,947
Ohio.....	19	2,419	315,536	16,390	1,318,372
Okla.....	12	3,655	374,583	19,563	1,315,055
Oreg.....	10	921	205,481	8,001	771,433
Pa.....	9	1,636	124,057	10,514	661,228
R.I. <sup>1</sup> .....					
S. C.....	9	2,421	183,242	17,174	780,869
S. Dak.....	7	1,491	164,903	14,353	751,118
Tenn.....	12	2,743	184,145	17,032	805,136
Tex.....	57	3,638	408,205	39,059	2,160,985
Utah.....	3	625	82,261	3,185	246,994
Vt. <sup>1</sup> .....	2	265	20,379	1,852	95,715
Va.....	8	2,222	149,215	13,968	746,956
Wash. <sup>1</sup> .....	9	1,189	245,997	10,135	846,674
W. Va.....	2	504	20,183	2,551	85,023
Wis.....	13	5,078	595,419	17,468	1,474,257
Wyo.....	1	237	47,569	2,591	236,326
U.S.....	484	99,495	12,189,434	643,437	46,355,112
P.R.....	1	206	13,468	2,935	108,147
Total.....	485	99,701	12,202,902	646,372	46,463,259

<sup>1</sup>New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island by the association in Connecticut; and Alaska by the association in Washington.

Farm Credit Administration.

**Table 638.—Farmers Home Administration: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1965-82<sup>1</sup>**

Year	Loans to individuals														
	Farm ownership			Soil and water			Recreation			Operating			Emergency		
	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	New borrowers	Loans made	Out-standing Jan. 1
<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	
1965.....	12,274	238,118	1,013,096	650	3,319	21,944				24,822	298,841	589,902	15,927	77,414	57,809
1966.....	10,665	239,111	1,163,211	858	3,759	20,970				17,380	282,860	630,691	19,668	108,527	65,774
1967.....	9,856	243,041	1,333,004	879	4,367	20,867				18,694	302,468	627,954	14,989	96,162	71,682
1968.....	9,093	226,383	1,487,682	1,009	5,354	21,339	10	419		16,168	283,226	662,690	18,540	125,979	77,488
1969.....	9,574	275,613	1,620,777	934	5,146	23,793	76	2,199	100	15,357	278,196	669,407	8,588	81,237	90,794
1970.....	7,693	240,814	1,800,418	803	3,859	26,070	30	897	2,301	13,727	280,998	660,368	9,148	96,617	70,551
1971.....	9,809	321,690	1,952,869	1,411	8,613	27,005	23	1,019	3,556	14,178	287,289	677,175	15,909	129,913	71,947
1972.....	10,891	345,199	2,162,881	872	5,044	32,080	37	1,778	4,419	15,280	330,908	658,468	22,538	166,986	76,005
1973.....	11,029	387,985	2,293,604	372	2,509	32,712	27	1,416	5,827	20,296	471,798	680,181	20,296	491,921	73,295
1974.....	8,263	364,979	2,446,213	368	3,631	30,440	12	811	6,710	23,903	544,218	777,752	30,257	184,802	81,864
1975.....	7,278	355,161	2,644,583	509	6,645	30,541	15	664	7,314	19,166	536,988	923,550	40,201	880,885	109,764
1976.....	9,553	496,299	2,826,745	3,641	57,211	31,104	24	1,835	7,771	16,549	549,531	1,026,091	8,507	734,731	752,209
1977.....	9,026	501,871	3,040,062	3,334	60,493	77,283	18	1,079	8,929	15,529	539,233	1,033,648	29,707	1,855,311	842,215
1978.....	10,469	629,639	3,300,445	2,934	53,159	130,084	27	1,677	9,709	23,105	851,109	1,077,517	36,003	2,331,858	2,066,970
1979.....	9,743	831,493	3,609,729	2,158	53,683	174,658	22	2,722	10,795	19,892	949,165	1,487,523	24,568	2,857,515	4,299,570
1980.....	9,308	830,623	4,280,875	2,333	55,720	218,573	16	1,855	12,588	16,612	812,559	1,599,927	19,339	2,448,908	6,104,375
1981.....	7,948	717,373	4,876,025	1,530	43,325	262,050	11	1,450	14,133	17,104	820,626	1,854,400	47,365	4,878,941	7,316,141
1982.....			5,374,765			290,999			15,309			2,058,160			9,981,308

Year	Loans to associations									Economic opportunity individual loans			Economic emergency loans			Emergency livestock loans		
	Indian tribe land acquisition			Grazing association			Irrigation, drainage, and soil conservation			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	New borrowers	Loans made	Out-standing Jan. 1	New borrowers	Loans made	Out-standing Jan. 1									
Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	Number	1,000 dol-lars	1,000 dol-lars	
1965.....				( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	12,696	30,411							
1966.....										16,353	24,511	27,861						
1967.....										15,110	29,134	46,022						
1968.....										10,017	15,221	66,589						
1969.....				75	11,889		15	646		2,825	5,246	70,184						
1970.....				34	7,693	73,554	15	204	6,281	1,214	3,583	61,987						
1971.....	5	5,000		23	4,885	80,248	9	1,323	6,011	388	1,245	52,647						
1972.....	4	4,490	795	28	6,172	83,076	10	903	6,780	( <sup>2</sup> )	( <sup>2</sup> )	41,991						
1973.....	1	2,850	4,703	11	3,899	84,048	7	338	6,950			31,513						
1974.....	3	9,786	8,910	10	2,677	81,297	5	940	7,097			22,968						
1975.....	8	8,715	16,864	9	4,290	77,553	12	1,336	9,822			17,213				2,708	323,723	
1976.....	0	11,063	23,109	9	3,937	77,073	12	4,812	7,960			12,559				2,339	361,490	
1977.....	4	13,414	33,123	6	4,948	77,589	9	5,274	9,541			8,281				1,038	169,552	
1978.....	0	6,500	45,658	3	1,703	78,314	2	86	12,710			5,708	6,400	562,267		315	60,340	
1979.....	1	11,000	450,845	4	5,585	78,371	7	1,019	13,240			3,943	40,196	3,168,639		50	13,392	
1980.....	1	6,380	60,012	0	160	75,262	3	233	18,322			2,831	24,931	1,890,174	3,237,312	( <sup>2</sup> )	( <sup>2</sup> )	
1981.....	1	4,542	62,386	0	0	74,638	2	236	18,255			1,945	10,152	1,007,538	4,517,983			
1982.....			67,990			69,350			18,168			1,540			4,873,580			

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. 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 for loans made directly by the Agency.

<sup>2</sup> Included in "Association loans" through 1968 (see table 647). Data unavailable for reporting association project types for the calendar year.

<sup>3</sup> Discontinued.

<sup>4</sup> Latest data available as of September 30, 1978.

Farmers Home Administration.

**Table 639.—Farmers Home Administration: Loans made to individuals and organizations for housing purposes, and loans outstanding, United States and Territories, 1965-82<sup>1</sup>**

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	18,457	150,667	610,273	14	821	1,141
1966	39,383	338,011	701,092	18	2,721	1,945
1967	53,781	493,000	977,565	32	4,171	2,270
1968	53,754	501,084	1,402,636	32	4,845	4,056
1969	55,119	559,440	1,813,352	21	3,323	10,380
1970	89,786	1,060,754	2,241,988	15	1,398	15,100
1971	105,648	1,412,549	3,109,227	12	240	16,814
1972	120,988	1,807,063	4,328,708	76	3,810	16,789
1973	85,286	1,394,506	5,694,574	18	9,969	18,938
1974	102,005	1,939,622	6,700,675	61	8,972	20,735
1975	112,071	2,334,202	8,051,996	97	8,066	23,336
1976	94,522	2,054,706	9,815,075	71	10,366	26,945
1977	113,365	2,687,028	11,083,704	87	5,490	30,803
1978	114,018	3,060,481	12,596,054	85	11,665	38,285
1979	85,435	2,556,434	14,495,475	207	36,034	<sup>2</sup> 40,542
1980	84,239	2,765,947	16,130,400	181	24,974	54,631
1981	70,850	2,478,378	18,075,547	203	17,512	74,984
1982			19,642,741			97,659

  

Year	Rural rental housing loans			Rural housing site and self-help land development		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965	49	2,401	1,706			
1966	87	4,792	3,437			
1967	157	7,303	7,947			
1968	327	16,973	13,782			
1969	346	21,458	15,468			
1970	417	29,395	48,790	10	470	
1971	311	29,168	77,349	25	1,738	130
1972	390	48,836	105,755	17	1,693	1,730
1973	445	96,555	139,266	14	2,181	2,248
1974	637	205,580	175,860	9	1,787	2,381
1975	1,034	330,757	283,906	6	1,531	3,369
1976	1,090	433,253	531,051	5	954	4,526
1977	1,243	646,798	758,726	10	2,098	4,789
1978	1,157	729,231	1,069,590	9	3,391	4,688
1979	1,153	852,689	<sup>2</sup> 1,369,615	19	4,039	<sup>2</sup> 4,481
1980	1,087	783,683	2,403,332	7	928	5,283
1981	1,146	814,452	3,210,140	5	1,189	7,551
1982			3,864,875			5,945

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. 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 for loans made directly by the Agency.

<sup>2</sup> Latest data available as of September 30, 1978.

Farmers Home Administration.



**Table 640.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1965-80**

Year <sup>1</sup>	Cooperatives <sup>2</sup>				Estimated memberships <sup>4</sup>				Estimated service receipts <sup>5</sup>
	Marketing	Farm supply	Related service <sup>3</sup>	Total	Marketing	Farm supply	Related service <sup>3</sup>	Total	
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>1,000 members</i>	<i>Million dollars</i>
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.....	4,929	2,835	176	7,940	3,225	3,187	34	6,446	316
1968.....	4,773	2,793	181	7,747	3,141	3,190	33	6,364	351
1969.....	4,834	2,775	181	7,790	3,103	3,222	30	6,355	391
1970.....	5,097	2,731	167	7,995	3,105	3,028	25	6,158	414
1971.....	4,864	2,781	152	7,797	3,134	2,991	22	6,147	462
1972.....	4,897	2,801	156	7,854	3,118	2,988	22	6,128	508
1973.....	4,822	2,778	155	7,755	3,111	2,972	22	6,105	658
1974.....	4,770	2,729	146	7,645	3,126	2,972	25	6,123	745
1975.....	4,658	2,731	146	7,535	2,812	3,056	38	5,906	855
1976/77.....	4,008	2,593	135	6,736	2,655	3,066	37	5,758	893
1978 <sup>6</sup> .....	3,930	2,550	120	6,600	2,595	3,063	37	5,695	948
1979.....	3,825	2,507	113	6,445	2,531	3,060	36	5,627	1,054
1980.....	3,808	2,369	116	6,293	2,542	2,804	32	5,379	1,209

Year <sup>1</sup>	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</sup>	Estimated gross business <sup>7</sup>	Estimated net business <sup>8</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>
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.....	16,557	13,189	5,565	3,545	22,438	17,050
1968.....	16,841	13,421	5,643	3,615	22,835	17,387
1969.....	18,389	14,816	5,986	3,873	24,766	19,080
1970.....	20,118	15,802	6,749	4,340	27,281	20,556
1971.....	20,795	16,463	7,396	4,740	28,653	21,665
1972.....	25,110	19,573	8,841	5,915	34,454	25,991
1973.....	35,632	26,944	11,395	7,764	47,685	35,366
1974.....	40,313	31,937	13,416	8,660	54,474	41,342
1975.....	39,402	29,783	15,554	9,412	55,811	40,050
1976/77.....	40,804	32,134	17,791	10,557	59,488	43,584
1978 <sup>6</sup> .....	45,072	35,306	18,605	11,052	64,625	47,305
1979.....	53,669	41,693	22,670	13,521	77,392	56,268
1980.....	63,650	48,911	27,660	16,134	92,520	66,254

<sup>1</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 year, with limited exceptions. Reports of cooperatives are included for the calendar year beginning 1978.

<sup>2</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>3</sup> Includes cooperatives whose major activity is providing services related to marketing and farm supply activities.

<sup>4</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>5</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

<sup>6</sup> Estimated.

<sup>7</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>8</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.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

**Table 641.—Farmers' cooperatives: Number of marketing, farm supply, and related service cooperatives and business volume, United States, 1979 and 1980 (preliminary)**

Item	Cooperatives handling		Gross business		Net business <sup>1</sup>	
	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>	1979	1980 <sup>2</sup>
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Products marketed:</b>						
Beans and peas (dryedible).....	59	60	136,231	182,990	103,397	144,929
Cotton and cotton products.....	473	470	1,738,978	2,213,163	1,435,538	1,860,151
Dairy products.....	495	487	12,800,087	15,137,380	11,592,363	13,666,105
Fruits and vegetables.....	405	400	5,563,264	5,755,248	3,925,330	4,208,739
Grain, soybeans and soybean meal and oil.....	2,489	2,434	23,152,025	28,488,021	14,948,459	17,789,697
Livestock and livestock products.....	499	449	5,525,980	6,057,879	5,140,517	5,637,296
Nuts.....	48	49	875,594	928,771	875,594	928,771
Poultry products.....	76	74	1,152,575	1,246,567	1,027,450	1,125,451
Rice.....	60	60	853,856	1,019,952	853,856	1,019,952
Sugar products.....	46	45	1,255,352	1,776,122	1,208,736	1,712,121
Tobacco.....	33	34	239,541	381,205	239,006	381,205
Wool and mohair.....	152	142	55,847	58,609	32,096	33,268
Miscellaneous <sup>3</sup> .....	111	113	319,480	404,361	311,007	403,333
<b>Total farm products.....</b>	<b>4,433</b>	<b>4,350</b>	<b>53,668,810</b>	<b>63,650,268</b>	<b>41,693,349</b>	<b>48,911,018</b>
<b>Supplies purchased:</b>						
Building materials.....	2,243	2,107	577,527	612,585	486,720	516,568
Containers.....	687	658	311,627	377,811	111,200	141,357
Farm chemicals.....	3,877	3,697	1,543,289	1,764,488	948,498	1,047,882
Farm machinery and equipment.....	1,940	1,827	675,124	672,109	385,022	418,188
Feed.....	3,796	3,613	4,821,879	5,260,794	3,189,216	3,543,627
Fertilizer.....	3,972	3,802	5,235,399	6,522,213	2,754,971	3,453,994
Meats and groceries.....	485	482	239,145	252,258	184,311	201,974
Petroleum products.....	3,062	2,921	6,869,756	9,658,552	3,827,146	5,069,515
Seed.....	3,805	3,620	603,883	668,160	456,199	494,893
Other supplies <sup>5</sup> .....	4,517	4,331	1,792,189	1,871,072	1,178,206	1,246,113
<b>Total farm supplies.....</b>	<b>45,212</b>	<b>45,012</b>	<b>22,669,818</b>	<b>27,660,042</b>	<b>13,521,489</b>	<b>16,134,111</b>
<b>Receipts for services:</b>						
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous.....	4,764	4,609	6,105,559	6,120,225	6,105,559	6,120,225
<b>Total business.....</b>	<b>6,445</b>	<b>6,282</b>	<b>77,392,187</b>	<b>92,519,535</b>	<b>56,268,397</b>	<b>66,254,354</b>

<sup>1</sup>Represents value at the first level at which cooperatives transact business for farmers. <sup>2</sup>Reports of cooperatives are included for the calendar year beginning 1978. <sup>3</sup>Includes coffee, forest products, fur pelts, hay, 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 service. Inactive cooperatives not included. <sup>5</sup>Includes 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.

Agricultural Cooperative Service. Based on records from cooperatives reporting to the Service.

**Table 642.—Farmers' cooperatives: Types, numbers, and memberships, United States**

Type	Year or date of data	Associations	
		Number	Estimated memberships or participants
<b>Marketing and farm supply, and related service:</b>			
Marketing <sup>1</sup> .....	1980 <sup>2</sup> .....	4,350	
Farm supply <sup>1</sup> .....	1980 <sup>2</sup> .....	5,012	
Related service <sup>1,5</sup> .....	1980 <sup>2</sup> .....	4,609	
<b>Service:</b>			
Federal land bank associations <sup>7</sup> .....	Dec. 31, 1980.....	491	593,634
Production credit associations <sup>7</sup> .....	Dec. 31, 1980.....	424	519,600
Banks for cooperatives <sup>7</sup> .....	Dec. 31, 1980.....	3,187	24,675,291
Rural credit unions <sup>10</sup> .....	Dec. 31, 1980.....	981	2,430,830
Rural electric cooperatives <sup>11</sup> .....	Dec. 31, 1980.....	12,921	19,799,720
Rural telephone cooperatives <sup>11</sup> .....	Dec. 31, 1980.....	252	940,869
<b>Production:</b>			
Dairy herd improvement associations <sup>14</sup> .....	Jan. 1, 1981.....	1,065	39,521

See footnotes on page 462.

**Table 643.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1976-77 and 1979 (preliminary)**

State	Cooperatives headquartered in State		Cooperatives doing business in State <sup>1</sup>		Memberships in State		Net business <sup>2</sup>	
	1976-77	1979 <sup>3</sup>	1976-77	1979 <sup>3</sup>	1976-77	1979 <sup>3</sup>	1976-77	1979 <sup>3</sup>
	Number	Number	Number	Number	Number	Number	1,000 dollars	1,000 dollars
Ala.....	100	114	115	133	109,589	114,526	535,433	808,074
Alaska.....	1	1	1	1	18	18	( <sup>4</sup> )	( <sup>4</sup> )
Ariz.....	21	21	34	36	92,489	98,818	339,800	488,404
Ark.....	117	120	141	147	98,218	100,816	834,213	965,595
Calif.....	271	245	282	256	83,865	70,340	<sup>5</sup> 3,784,018	<sup>5</sup> 4,260,390
Colo.....	79	84	91	98	44,765	44,857	477,249	708,309
Conn.....	7	5	15	14	5,147	4,906	101,591	114,557
Del.....	7	5	12	14	12,915	10,500	52,024	65,780
Fla.....	89	80	105	98	61,391	62,369	1,018,003	1,370,509
Ga.....	93	93	106	108	161,866	155,022	759,520	1,161,252
Hawaii.....	16	23	19	25	2,278	3,686	28,666	29,523
Idaho.....	60	62	81	82	38,593	43,461	351,861	509,787
Ill.....	270	292	295	314	287,358	311,663	3,048,426	3,784,556
Ind.....	105	98	135	125	331,591	301,521	1,715,702	2,028,343
Iowa.....	402	387	437	418	304,596	322,759	3,441,800	4,852,386
Kans.....	257	246	278	269	209,429	207,300	1,754,551	2,316,450
Ky.....	77	73	89	87	251,393	252,272	449,978	540,532
La.....	91	92	105	110	17,749	18,339	390,271	567,175
Maine.....	10	11	15	17	7,490	8,584	117,757	91,812
Md.....	33	31	47	45	52,285	46,374	378,361	479,830
Mass.....	16	14	19	20	10,805	10,523	175,838	213,480
Mich.....	141	124	162	141	138,858	100,459	1,117,704	1,393,877
Minn.....	768	741	794	766	573,147	551,666	3,087,482	4,293,089
Miss.....	130	127	151	145	119,246	123,579	668,734	813,357
Mo.....	154	129	182	161	266,281	231,869	1,523,518	2,017,275
Mont.....	156	143	168	157	61,937	65,716	343,875	376,502
Nebr.....	316	290	341	314	209,729	224,375	1,481,742	2,499,708
Nev.....	3	4	13	13	197	156	22,529	18,656
N.H.....	7	4	14	12	6,456	3,077	69,204	64,412
N.J.....	33	26	41	36	14,993	13,083	181,000	234,390
N. Mex.....	22	23	37	32	5,519	5,432	84,897	47,700
N. Y.....	256	241	270	255	141,843	143,558	1,447,899	1,636,051
N. C.....	39	34	52	51	142,693	135,719	454,817	593,096
N. Dak.....	455	431	471	447	195,274	179,225	1,294,569	1,427,767
Ohio.....	194	186	213	208	204,807	183,659	1,618,487	1,998,986
Okla.....	149	146	168	163	97,532	96,923	796,239	1,153,975
Oreg.....	65	60	82	75	55,000	62,308	593,702	720,706
Pa.....	95	89	115	109	72,547	72,994	1,085,519	1,363,682
R.I.....	1	1	5	6	868	827	23,320	24,813
S.C.....	24	21	36	38	65,145	68,450	163,315	218,867
S. Dak.....	244	244	261	260	169,380	169,217	675,079	786,460
Tenn.....	100	102	122	123	156,938	152,957	469,458	634,308
Tex.....	424	411	445	431	143,585	140,914	1,920,600	2,354,832
Utah.....	38	33	46	42	21,571	21,823	245,396	328,305
Vt.....	9	9	15	16	6,967	7,276	251,436	305,639
Va.....	109	110	124	125	182,684	175,512	551,905	749,366
Wash.....	135	129	153	145	74,338	81,661	1,111,028	1,367,071
W. Va.....	71	57	89	72	72,291	70,335	90,255	115,277
Wis.....	451	410	474	435	364,687	347,985	2,297,135	3,082,243
Wyo.....	25	23	36	34	9,092	7,538	46,008	55,599
United States.....	6,736	6,445	.....	7,229	5,757,435	5,626,947	43,471,914	56,033,293
Foreign.....	.....	.....	10	12	293	249	*112,228	*235,104
Total.....	6,736	6,445	.....	7,241	5,757,728	5,627,196	43,584,142	56,268,397

<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> Reports of cooperatives are included for the calendar year, beginning 1978.

<sup>4</sup> Included in the dollar volume of California.

<sup>5</sup> Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

\* Sales outside the United States, and to domestic military installations, and sales of certain products not received directly from member-patrons.

Agricultural Cooperative Service.

Table 644.—Rural Electrification Administration: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1982<sup>1</sup>

State and Territory	Borrowers	Total financing			Financing to cooperative associations <sup>2</sup>		Financing by purpose			Miles of line provided for by financing <sup>6</sup>	Consumers provided for by financing <sup>6</sup>
		REA loans	Non-REA financing		Borrowers	Amount <sup>2,4</sup>	Distribution	Generation and transmission <sup>2,4</sup>	Consumer facilities <sup>5</sup>		
			With REA guarantee	Without REA guarantee <sup>2</sup>							
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Numbers
Ala.....	27	327,834	270,873	34,363	24	619,089	258,260	373,451	1,359	51,625	392,626
Alaska.....	14	539,147	179,804	44,069	13	754,587	256,546	505,386	1,089	8,132	114,256
Ariz.....	14	142,077	298,779	14,831	8	440,830	93,524	361,674	490	10,402	81,773
Ark.....	21	510,361	693,788	58,037	20	1,261,663	399,304	858,411	4,471	58,686	342,108
Calif.....	10	62,330	0	1,807	7	39,586	53,983	10,097	56	6,014	71,782
Colo.....	24	719,348	1,455,742	121,147	24	2,296,237	450,691	1,845,471	74	57,317	248,864
Conn.....	0	0	0	0	0	0	0	0	0	0	0
Del.....	1	25,884	0	5,746	1	31,630	30,766	861	3	3,188	30,458
Fla.....	18	399,564	1,114,938	86,858	16	1,601,148	421,578	1,177,263	2,519	44,752	444,108
Ga.....	48	512,496	2,141,677	137,035	46	2,790,945	617,477	2,170,772	2,959	102,208	818,593
Hawaii.....	0	0	0	0	0	0	0	0	0	0	0
Idaho.....	10	93,189	130	10,313	10	103,632	84,795	17,640	1,197	10,871	41,304
Ill.....	31	382,068	465,685	45,503	30	893,175	319,868	573,176	212	53,708	226,353
Ind.....	48	321,020	1,928,484	175,357	47	2,424,431	268,349	2,155,795	716	50,370	347,832
Iowa.....	57	545,549	197,502	55,102	54	796,553	323,454	474,302	397	64,955	183,429
Kans.....	38	420,947	757,147	16,276	37	1,194,364	317,817	876,138	415	67,852	163,253
Ky.....	29	749,042	2,970,111	204,582	28	3,923,734	487,512	3,435,064	1,159	71,999	536,346
La.....	20	423,352	1,992,381	106,103	18	2,513,338	384,380	2,137,278	177	42,745	347,446
Maine.....	4	21,431	0	632	4	22,063	18,004	4,015	44	1,754	13,882
Md.....	2	115,906	0	26,339	2	142,245	116,995	25,250	10	10,245	94,229
Mass.....	0	0	0	0	0	0	0	0	0	0	0
Mich.....	15	263,980	420,870	18,548	15	703,398	178,436	524,489	473	29,373	198,995
Minn.....	52	715,885	1,279,322	92,760	50	2,087,009	521,708	1,561,914	4,346	104,273	437,904
Miss.....	29	401,668	609,913	50,574	27	1,060,109	369,682	691,779	694	71,956	500,829
Mo.....	49	876,388	1,626,179	109,014	48	2,611,545	572,232	2,038,528	821	107,563	513,285
Mont.....	26	215,140	5,769	13,043	26	233,952	192,566	41,158	229	42,395	95,196
Neb.....	36	387,545	0	16,734	4	48,127	306,062	97,655	562	74,145	164,129
Nev.....	8	53,658	0	1,148	3	46,858	38,559	15,998	248	5,100	13,760
N.H.....	1	58,018	75,250	332	1	133,600	56,210	77,359	32	4,038	48,259
N.J.....	2	9,787	0	1,782	2	11,569	10,424	1,141	4	798	10,746
N. Mex.....	18	230,569	341,380	15,221	17	587,035	158,499	425,661	3,010	34,437	124,204
N.Y.....	6	20,980	0	3,741	5	22,857	24,462	175	85	4,386	20,795
N.C.....	35	426,646	945,460	137,131	30	1,508,343	444,399	1,060,203	4,635	62,595	531,705
N. Dak.....	28	741,752	2,284,077	347,178	26	3,367,408	301,355	3,069,666	1,986	66,896	101,146
Ohio.....	29	296,569	45,610	390,186	28	726,122	263,808	468,339	218	37,699	250,888
Okla.....	29	602,170	1,083,144	62,696	27	1,747,710	526,641	1,218,693	2,676	89,420	364,649
Oreg.....	18	203,227	69,827	37,224	17	303,017	208,061	106,980	237	21,149	106,422
Pa.....	13	163,527	406,408	32,134	13	602,069	187,928	413,902	239	23,524	169,026
R.I.....	0	0	0	0	0	0	0	0	0	0	0
S.C.....	27	408,540	325,699	79,333	25	809,066	348,748	462,593	2,231	49,853	389,465
S. Dak.....	34	345,694	12,178	9,213	34	367,084	264,598	101,606	881	62,897	119,175
Tenn.....	32	265,818	0	46,997	20	290,919	310,720	2,050	45	60,943	582,931
Tex.....	100	1,306,166	797,881	173,461	98	2,219,772	1,127,728	1,147,256	2,524	225,752	984,785
Utah.....	6	59,915	981,136	7,629	6	1,048,681	42,066	1,006,491	124	5,434	20,616
Vt.....	2	44,454	23,306	2,631	2	70,390	27,957	41,531	903	2,580	16,833
Va.....	19	293,723	0	57,098	18	350,628	327,471	22,682	667	35,187	254,440
Wash.....	23	164,523	0	21,428	11	138,796	176,254	9,444	252	19,813	93,868
W. Va.....	1	5,543	0	0	1	5,543	5,538	0	5	692	4,788
Wis.....	31	396,996	260,359	48,765	30	706,029	195,847	508,464	1,809	40,331	173,185
Wyo.....	15	194,549	6,100	12,045	14	212,616	152,235	60,358	101	26,331	67,096
U.S.....	1,100	15,464,975	26,066,909	2,932,146	987	43,869,502	12,238,497	32,178,159	47,374	2,026,583	10,857,762
P.R.....	1	166,190	0	0	0	0	136,481	29,709	0	12,844	313,037
V.I.....	2	3,350	0	0	0	0	2,691	659	0	176	5,457
Total.....	1,103	15,634,515	26,066,909	2,932,146	987	43,869,502	12,377,669	32,208,527	47,374	2,039,603	11,176,256

<sup>1</sup> State total represent data for borrowers incorporated within the State.

<sup>2</sup> Includes loans obtained by REA borrowers' affiliates specifically organized to facilitate non-REA financing. Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$440,561,321; municipalities and other Government authorities, 36 borrowers, \$294,944,375; power companies, 26 borrowers, \$28,562,038.

<sup>4</sup> Includes \$26,066,909,000 REA guarantee commitments made as of Jan. 1, 1982.

<sup>5</sup> Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.

<sup>6</sup> Includes miles energized and consumers served, shown in tables 647 and 648.

Rural Electrification Administration.

Table 645.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1981, by States and Territories <sup>1</sup>

State and Territory	Total advances as of Jan. 1, 1982 <sup>2,3</sup>	Statistics for borrowers in operation									
		As of Jan. 1, 1982			Calendar year 1981					Average monthly kw.-hr. consumption per consumer	
		Bor- rowers	Miles ener- gized <sup>4</sup>	Con- sumers served <sup>4</sup>	Kw.-hr. generat- ed	Kw.-hr. pur- chased <sup>5</sup>	Kw.-hr. sales <sup>6</sup>	Total re- venue <sup>6</sup>	All con- sumers	Residen- tial con- sumers <sup>7</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>
Ala.....	315,586	26	52,941	356,699	1,788,029	6,329,875	5,326,083	280,829	1,171	92	
Alaska.....	488,063	14	7,618	108,370	1,937,769	724,795	1,903,624	123,507	1,954	895	
Ariz.....	130,586	14	10,849	77,307	2,629,212	3,001,616	3,586,607	167,750	2,533	571	
Ark.....	474,792	21	56,732	272,892	3,005,570	7,070,158	3,524,450	192,372	1,092	778	
Calif.....	57,708	9	5,330	42,962	0	545,602	498,962	18,206	2,809	869	
Colo.....	678,216	24	54,705	242,422	5,357,115	7,786,137	6,086,322	275,011	1,406	734	
Conn.....	0	0	0	0	0	0	0	0	0	0	
Del.....	24,943	1	3,178	30,942	0	316,537	287,224	21,214	783	717	
Fla.....	376,385	18	43,002	406,146	70,991	6,046,077	4,904,621	366,414	1,041	320	
Ga.....	490,001	46	100,194	690,882	5,563,244	13,035,252	9,582,828	494,005	1,155	927	
Hawaii.....	0	0	0	0	0	0	0	0	0	0	
Idaho.....	88,546	10	10,872	40,920	8,750	973,999	894,268	25,513	1,868	1,077	
Ill.....	350,921	30	52,906	204,629	1,385,165	3,128,767	2,979,521	179,161	1,188	929	
Ind.....	300,225	44	49,868	314,397	1,616,142	8,847,987	4,571,690	221,116	1,233	1,029	
Iowa.....	503,948	57	64,194	172,589	2,057,614	4,167,759	3,419,802	173,311	1,395	1,204	
Kans.....	369,941	36	67,918	162,569	596,014	3,690,858	2,766,974	166,083	1,489	738	
Ky.....	713,582	28	69,830	436,796	11,008,492	16,103,587	14,687,189	544,570	2,480	942	
La.....	374,793	17	40,086	279,727	2,346,634	7,482,511	4,602,373	287,579	1,293	1,028	
Maine.....	17,694	4	1,666	12,093	3	84,950	76,142	6,684	525	371	
Md.....	100,812	2	9,867	87,971	0	1,451,481	1,356,583	89,687	1,298	877	
Mass.....	0	0	0	0	0	0	0	0	0	0	
Mich.....	237,591	15	28,573	179,923	504,375	2,026,196	1,410,392	97,106	611	512	
Minn.....	678,364	52	103,928	414,474	4,550,704	7,458,679	6,811,023	350,613	1,112	919	
Miss.....	378,544	29	72,458	436,035	2,124,979	8,422,780	6,373,583	347,702	1,335	915	
Mo.....	817,188	47	105,017	420,800	6,064,172	18,066,218	8,811,709	356,302	1,123	818	
Mont.....	183,755	26	41,639	87,421	0	2,423,821	1,400,972	47,951	1,359	983	
Nebr.....	351,989	36	71,832	156,677	1	5,262,009	2,741,972	139,233	1,547	1,056	
Nev.....	47,095	8	4,423	15,160	0	522,413	438,711	15,412	2,541	913	
N.H.....	52,408	1	3,958	45,039	0	383,164	352,399	29,698	661	504	
N.J.....	9,449	2	794	10,510	0	80,768	74,133	5,142	794	692	
N. Mex.....	217,532	18	35,400	117,111	229,924	3,796,859	2,148,711	114,565	1,491	444	
N.Y.....	17,952	5	3,803	16,871	0	124,334	111,306	3,993	895	856	
N.C.....	381,750	32	61,788	449,586	36	5,883,806	5,299,962	292,068	1,006	854	
N. Dak.....	682,130	27	64,665	92,887	9,874,374	4,259,135	6,634,968	220,554	2,043	1,206	
Ohio.....	278,202	29	38,049	237,607	4,156,418	3,484,952	3,672,704	219,732	1,164	971	
Okla.....	555,545	29	87,711	301,793	3,030,517	5,797,976	4,828,601	245,244	1,318	848	
Oreg.....	190,991	18	20,992	97,989	172,080	2,810,232	2,782,567	78,339	2,281	1,250	
Pa.....	149,495	13	23,256	151,825	0	3,279,925	1,456,632	85,626	789	697	
R.I.....	0	0	0	0	0	0	0	0	0	0	
S.C.....	384,761	22	48,628	326,120	0	8,406,446	4,336,686	219,753	1,156	980	
S. Dak.....	309,861	34	61,793	103,656	0	4,308,930	1,669,031	80,026	1,340	1,043	
Tenn.....	249,204	32	62,405	568,053	0	11,436,390	10,735,243	490,142	1,614	1,158	
Tex.....	1,212,917	79	225,050	837,426	1,863,251	14,198,732	11,490,116	630,892	1,149	775	
Utah.....	48,559	6	4,880	18,639	886,390	1,200,735	1,254,662	59,143	4,450	811	
Vt.....	35,608	2	2,583	15,999	0	171,630	155,422	10,418	822	711	
Va.....	272,603	15	34,799	230,610	1,061	3,691,906	3,432,018	197,877	1,265	849	
Wash.....	154,560	23	19,580	84,454	6	2,549,658	2,374,041	53,851	2,614	1,483	
W. Va.....	5,246	1	693	4,107	0	32,384	27,761	1,880	569	519	
Wis.....	368,261	31	39,885	161,440	3,911,818	2,459,287	2,957,842	141,033	984	890	
Wyo.....	159,409	15	25,504	63,996	8,788	2,532,379	2,316,208	93,626	3,100	874	
U.S.....	14,287,711	1,048	1,995,842	9,587,121	76,749,638	215,859,692	167,244,638	8,260,433	1,337	901	
P.R.....	166,190	1	13,565	256,345	481,466	0	442,949	34,078	0	0	
V.I.....	430	2	97	853	0	0	0	0	0	0	
Total...	14,454,331	1,051	2,009,504	9,844,319	77,231,104	215,859,692	167,687,587	8,294,511	1,337	901	

<sup>1</sup> State totals represent data for borrowers incorporated within the State.  
<sup>2</sup> Actual funds advanced out of REA loans approved, as shown in table 644.  
<sup>3</sup> Cumulative.

<sup>4</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1982, there were 60 such borrowers with 25,356 miles energized and 136,069 consumers served.

<sup>5</sup> Includes 104,343,572 thousands of Kw.-hr. sold by one REA borrower to another.

<sup>6</sup> Excludes energy sales and revenues of power sold by one REA borrower to another.

<sup>7</sup> Includes rural nonfarm and farm consumers.

**Table 646.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1965–82**

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for borrowers in operation							Average monthly kw.-hr. consumption per consumer	
		As of Jan. 1			During year					
		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>
1,000 dollars	Numbers	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.	
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	18,072,872	56,031,381	66,421,021	1,168,306	876	643
1970.....	6,261,549	1,049	1,650,240	6,196,967	23,813,687	60,478,441	76,009,289	1,309,464	948	687
1971.....	6,655,111	1,050	1,676,001	6,442,332	27,759,662	65,494,403	84,282,836	1,482,254	998	711
1972.....	7,059,553	1,048	1,700,348	6,747,698	32,290,340	70,610,260	92,534,163	1,680,718	1,063	754
1973.....	7,522,195	1,047	1,732,545	7,076,249	32,045,118	79,235,190	100,688,298	1,912,502	1,120	793
1974.....	8,070,542	1,046	1,766,701	7,457,123	32,795,053	84,520,287	105,690,807	2,316,436	1,149	803
1975.....	8,755,257	1,047	1,797,525	7,767,813	33,462,818	91,874,602	112,669,814	2,971,882	1,191	840
1976.....	9,508,607	1,050	1,827,896	8,017,654	38,660,059	100,139,618	124,004,376	3,556,049	1,254	866
1977.....	10,143,415	1,048	1,857,434	8,311,779	46,014,515	102,626,911	131,547,776	4,212,317	1,313	910
1978.....	10,868,424	1,051	1,890,173	8,630,818	52,472,215	107,477,358	141,908,005	5,009,862	1,339	937
1979.....	11,662,272	1,052	1,917,859	8,962,540	60,181,476	109,060,591	150,055,226	5,770,136	1,335	919
1980.....	12,588,246	1,050	1,950,394	9,275,086	69,536,829	111,231,691	160,243,316	6,902,533	1,361	935
1981.....	13,513,686	1,050	1,978,758	9,523,552	77,231,104	111,516,120	167,687,587	8,294,511	1,337	901
1982.....	14,454,331	1,051	2,009,504	9,844,319	.....	.....	.....	.....	.....	.....

<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, 1982, there were 69 such borrowers with 25,356 miles energized and 136,069 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> Actual funds advanced out of REA loans approved, as shown in table 644.

Rural Electrification Administration.

FOOTNOTES FOR TABLE 642

<sup>1</sup> Agricultural Cooperative Service, U.S. Department of Agriculture.

<sup>2</sup> Reports for cooperatives are included for the calendar year beginning 1978.

<sup>3</sup> When associations marketing farm products but principally engaged in providing some other services are included, the total is 4,429.

<sup>4</sup> When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 5,212.

<sup>5</sup> Includes trucking, storage, grinding, locker plant, and other services.

<sup>6</sup> When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 4,763.

<sup>7</sup> Farm Credit Administration.

<sup>8</sup> Represents the number of Federal land bank loans outstanding as of Dec. 31, 1979.

<sup>9</sup> Cooperative associations borrowing from banks for cooperatives.

<sup>10</sup> Credit Union National Association, Inc.

<sup>11</sup> Rural Electrification Administration, U.S. Department of Agriculture.

<sup>12</sup> Includes associations that are REA repaid borrowers.

<sup>13</sup> Includes only memberships of associations financed by REA.

<sup>14</sup> Agriculture Research Service, U.S. Department of Agriculture.

Agricultural Cooperative Service.

Table 647.—Farmers Home Administration: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1965-82 <sup>1</sup>

Year	Association loans			Water and waste loans			Recreation loans			Watershed and flood prevention organization loans		
	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
1965.....	574	95,374	80,279							22	3,325	12,337
1966.....	1,181	190,346	163,390	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	38	6,319	16,557
1967.....	1,276	234,911	289,142							27	7,261	20,108
1968.....	896	161,112	466,334							23	4,979	25,639
1969.....	( <sup>3</sup> )	( <sup>3</sup> )	647,369	655	156,788		104	12,915		18	2,851	29,280
1970.....				663	158,052	636,252	29	4,276	91,232	24	4,586	33,772
1971.....				892	296,303	764,581	18	1,149	97,240	20	8,678	36,658
1972.....				690	319,345	868,968			98,646	23	13,940	40,671
1973.....				688	430,439	1,010,804	1	484	103,514	12	8,917	44,224
1974.....				679	572,160	1,197,399	( <sup>4</sup> )	142	98,641	26	18,643	50,029
1975.....				648	456,125	1,453,806	( <sup>5</sup> )	46	100,640	13	19,800	54,972
1976.....				631	472,932	1,900,706	( <sup>6</sup> )	( <sup>6</sup> )	98,954	12	6,877	58,748
1977.....				1,076	693,046	2,143,117			91,140	8	5,166	60,916
1978.....				789	824,234	2,584,580			87,753	11	11,692	67,704
1979.....				846	876,650	2,908,602			*84,649	3	4,818	*67,550
1980.....				874	764,248	3,620,983			82,069	9	11,947	69,891
1981.....				765	603,059	4,220,819			79,400	5	14,858	70,674
1982.....						4,771,764			77,081			71,642

  

Year	Resource conservation and development and rural renewal loans			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives		
	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
1965.....	7	920	670							259	3,437	
1966.....	6	1,237	1,387							320	3,525	2,578
1967.....	22	2,296	2,031							442	4,592	6,289
1968.....	47	3,972	4,413							234	5,587	9,803
1969.....	31	3,087	7,724							56	2,469	13,077
1970.....	20	1,778	9,246							7	467	15,658
1971.....	20	1,615	10,790							13	1,033	15,460
1972.....	15	1,303	11,991							( <sup>7</sup> )	( <sup>7</sup> )	15,426
1973.....	22	3,409	12,531	4	1,169		2	212				14,422
1974.....	15	1,178	12,855	484	246,012		165	67,779				13,311
1975.....	14	1,741	13,842	622	408,435	757	399	276,632	8,863			12,445
1976.....	17	2,388	14,457	412	391,703	8,661	291	192,895	85,786			11,392
1977.....	8	1,006	11,764	504	377,619	11,201	282	188,397	208,381			8,566
1978.....	4	1,137	12,147	1,168	1,150,006	20,511	352	245,373	324,373			6,896
1979.....	9	1,878	*12,942	1,275	1,104,011	*22,256	521	274,689	*463,623			*6,128
1980.....	6	1,850	13,392	812	1,169,050	33,404	564	238,793	700,341			4,592
1981.....	12	1,934	14,307	385	434,787	32,916	577	219,957	937,483			4,237
1982.....			14,234			37,763			1,159,666			3,924

<sup>1</sup> Includes loans made directly by FmHA and those guaranteed by the Agency. 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 for loans made directly by the Agency.

<sup>2</sup> Included in "Association loans" through 1968; data unavailable for reporting association loan types for the calendar year.

<sup>3</sup> Beginning in calendar year 1969, association loan funds were reported by project type.

<sup>4</sup> Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year.

<sup>5</sup> Funding for this program is no longer available.

<sup>6</sup> Latest data available as of September 30, 1978.

<sup>7</sup> Discontinued.

**Table 648.—Loans to farmers' cooperative organizations: <sup>1</sup> Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1965-82 <sup>2</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>
1965	147,222	455,111	355,492	1974	1,306,431	1,283,396	1,283,396
1966	133,330	522,790	399,043	1975	1,991,100	1,595,388	1,595,388
1967		<sup>3</sup> 588,646	<sup>4</sup> 701,173	1976	2,109,854	1,878,007	1,878,007
1968		706,218	800,165	1977	2,721,034	2,340,635	2,340,635
1969		694,681	882,279	1978	2,900,182	2,831,537	2,831,537
1970		781,947	950,024	1979	3,028,524	3,188,501	3,188,501
1971		1,010,717	1,019,147	1980	4,369,672	3,777,786	3,777,786
1972		928,696	1,084,795	1981	5,215,863	4,289,665	4,289,665
1973		1,148,266	1,119,539	1982	4,195,537	4,927,878	4,927,878

<sup>1</sup> Figures for 1982 are net of unearned income.

<sup>2</sup> Includes Puerto Rico.

<sup>3</sup> Seasonal loans, beginning 1967.

<sup>4</sup> Term loans, beginning 1967.

Farm Credit Administration.

**Table 649.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, United States, 1965-1981 <sup>1</sup>**

Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill	Year	Number of farms with telephone service	Percentage of all farms with telephone service	Average monthly bill
	<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>		<i>Thousands</i>	<i>Percent</i>	<i>Dollars</i>
1965	2,712	80	4.98	1973	2,454	87	6.45
1966	2,557	79	5.08	1974	2,474	88	7.16
1967	2,578	80	5.15	1975	2,282	91	7.87
1968	2,505	82	5.30	1976	2,289	92	9.00
1969	2,479	83	5.55	1977	2,258	92	9.62
1970	2,469	84	5.72	1978	2,262	93	10.30
1971	2,479	85	5.96	1979	2,273	94	10.60
1972	2,459	86	6.27	1980	2,280	94	10.80
				1981	2,301	95	11.50

<sup>1</sup> Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.



**Table 650.—Rural Electrification Administration: Annual revenues and expenses reported by electric borrowers, United States, 1965-81**

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>
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.....	1,337,017	968,228	71,451	176,651	140,066	6,592,785
1970.....	1,535,114	1,147,002	78,108	193,030	144,191	7,175,316
1971.....	1,766,495	1,343,836	84,346	209,488	156,972	7,708,276
1972.....	2,025,431	1,556,061	93,324	224,069	185,756	8,313,088
1973.....	2,337,744	1,823,131	102,730	240,241	220,841	9,043,262
1974.....	2,905,127	2,387,240	128,036	262,013	180,481	10,109,337
1975.....	3,887,688	3,257,727	181,127	291,742	210,682	11,845,119
1976.....	4,725,869	3,976,370	214,947	328,245	264,606	14,031,055
1977.....	5,802,326	4,878,108	291,138	371,491	340,311	17,265,848
1978.....	7,038,706	5,924,401	386,331	431,372	389,250	20,352,316
1979.....	8,061,512	6,735,053	514,826	500,848	443,256	23,620,001
1980.....	9,706,783	8,149,970	706,931	588,533	396,977	28,444,246
1981.....	11,795,376	9,828,959	920,760	685,295	518,996	34,633,972

<sup>1</sup> Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years include nonoperating margins and miscellaneous revenue deductions. Includes patronage capital.

Rural Electrification Administration.

**Table 651.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of Sept. 30, 1981 <sup>1</sup>**

State	Farms with service		State	Farms with service	
	<i>Number</i>	<i>Percent <sup>2</sup></i>		<i>Number</i>	<i>Percent <sup>2</sup></i>
Ala.....	58,000	99	Nebr.....	64,000	99
Alaska.....	380	97	Nev.....	2,900	91
Ariz.....	7,100	88	N.H.....	3,600	99
Ark.....	59,000	99	N.J.....	9,100	99
Calif.....	80,000	99	N. Mex.....	13,600	94
Colo.....	26,500	98	N.Y.....	48,000	99
Conn.....	4,100	99	N.C.....	93,000	99
Del.....	3,500	99	N. Dak.....	40,000	99
Fla.....	39,000	99	Ohio.....	94,000	99
Ga.....	59,000	99	Okla.....	72,000	99
Hawaii.....	4,300	90	Oreg.....	35,000	99
Idaho.....	24,200	99	Pa.....	62,000	99
Ill.....	105,000	99	R.I.....	860	99
Ind.....	87,000	99	S.C.....	34,000	99
Iowa.....	118,000	99	S. Dak.....	38,000	99
Kans.....	74,000	99	Tenn.....	96,000	99
Ky.....	101,000	99	Tex.....	186,000	97
La.....	37,000	99	Utah.....	13,000	99
Maine.....	8,300	99	Vt.....	7,900	99
Md.....	17,500	99	Va.....	58,000	99
Mass.....	5,800	99	Wash.....	39,000	99
Mich.....	65,000	99	W. Va.....	20,000	98
Minn.....	105,000	99	Wis.....	93,000	99
Miss.....	55,000	99	Wyo.....	9,200	99
Mo.....	119,000	99	U.S.....	2,418,740	99
Mont.....	23,900	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 1981 by the Crop Reporting Board, SRS. State figures are rounded to the nearest whole percentage.

Rural Electrification Administration.

**Table 652.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, United States, 1965–81<sup>1</sup>**

Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill	Year	Average monthly kw.-hr. used	Cost per kw.-hr.	Average monthly bill
	<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dol-lars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dol-lars</i>		<i>Kw.-hr.</i>	<i>Cents</i>	<i>Dol-lars</i>
1965.....	716	2.27	16.30	1971.....	958	2.18	20.80	1977.....	1,311	3.68	48.10
1966.....	749	2.20	16.50	1972.....	1,007	2.23	22.50	1978.....	1,334	3.98	53.20
1967.....	768	2.17	16.70	1973.....	1,048	2.31	24.20	1979.....	1,299	4.24	55.10
1968.....	819	2.15	17.60	1974.....	1,084	2.66	28.80	1980.....	1,313	4.72	61.90
1969.....	880	2.09	18.40	1975.....	1,150	3.07	35.30	1981.....	1,307	5.34	69.80
1970.....	917	2.12	19.50	1976.....	1,305	3.35	43.70				

<sup>1</sup>Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

**Table 653.—Electricity: Estimated average monthly kilowatt-hours used, cost per kilowatt-hour, and average monthly bill per farm, by States, 1980 and 1981<sup>1</sup>**

State	Average monthly kw.-hr. used		Monthly bill		Cost per kw.-hr.	
	1980	1981	1980	1981	1980	1981
	<i>Kw.-hr.</i>	<i>Kw.-hr.</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>
Ala.....	1,040	1,030	53.00	60.80	5.10	5.90
Ariz.....	2,700	2,500	165.99	190.00	6.10	7.60
Ark.....	1,000	900	48.00	52.20	4.80	5.80
Calif.....	2,900	2,800	160.00	151.00	5.50	5.40
Colo.....	1,200	1,180	63.60	64.90	5.30	5.50
Conn.....	1,700	1,650	96.90	104.00	5.70	6.30
Del.....	1,400	1,500	91.00	108.00	6.50	7.20
Fla.....	1,850	1,600	109.00	123.00	5.90	7.70
Ga.....	1,400	1,400	65.80	72.80	4.70	5.20
Idaho.....	1,600	1,700	57.60	54.40	3.60	3.20
Ill.....	1,190	1,190	66.60	75.00	5.60	6.30
Ind.....	1,190	1,180	54.70	57.80	4.60	4.90
Iowa.....	1,520	1,400	74.50	85.40	4.90	6.10
Kans.....	950	1,000	47.50	58.00	5.00	5.80
Ky.....	1,050	1,000	42.00	49.00	4.00	4.90
La.....	1,300	1,400	55.90	81.20	4.30	5.80
Maine.....	1,400	1,350	79.80	81.00	5.70	6.00
Md.....	1,380	1,300	77.30	83.20	5.60	6.40
Mass.....	1,300	1,300	83.20	97.50	6.40	7.50
Mich.....	1,250	1,300	70.00	74.10	5.60	5.70
Minn.....	1,550	1,600	79.10	91.20	5.10	5.70
Miss.....	950	950	44.70	53.20	4.70	5.60
Mo.....	960	900	45.10	48.60	4.70	5.40
Mont.....	1,290	1,260	40.00	45.40	3.10	3.60
Nebr.....	1,260	1,220	60.50	62.20	4.80	5.10
Nev.....	2,150	2,150	104.00	92.40	4.80	4.30
N.H.....	1,800	1,800	112.00	126.00	6.20	7.00
N.J.....	1,300	1,250	97.50	106.20	7.50	8.50
N. Mex.....	1,000	950	58.00	55.10	5.80	5.80
N.Y.....	2,050	2,000	100.00	114.00	4.90	5.70
N.C.....	1,010	1,050	45.50	54.60	4.50	5.20
N. Dak.....	1,200	1,300	46.80	59.80	3.90	4.60
Ohio.....	1,100	1,000	57.20	58.00	5.20	5.80
Okla.....	850	850	37.40	42.50	4.40	5.00
Oreg.....	1,900	1,850	57.40	61.00	3.00	3.30
Pa.....	1,500	1,450	70.50	76.80	4.70	5.30
R.I.....	1,290	1,180	78.70	88.50	6.10	7.50
S.C.....	1,100	1,050	50.60	53.50	4.60	5.10
S. Dak.....	1,300	1,350	57.20	70.20	4.40	5.20
Tenn.....	1,040	9.50	36.40	41.80	3.50	4.40
Tex.....	1,100	1,060	52.80	59.40	4.80	5.60
Utah.....	950	1,150	51.30	59.80	5.40	5.20
Vt.....	2,400	2,480	110.00	126.00	4.60	5.10
Va.....	1,200	1,150	61.20	67.80	5.10	5.90
Wash.....	2,800	2,890	56.00	66.50	2.00	2.30
W. Va.....	720	800	31.00	37.60	4.30	4.70
Wis.....	1,800	1,900	82.80	101.00	4.60	5.30
Wyo.....	1,500	1,400	60.00	68.60	4.00	4.90
U.S.....	1,313	1,307	61.90	69.80	4.72	5.34

<sup>1</sup>Based on an annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

**Table 654.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by telephone borrowers, United States, 1965-81**

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>
	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965.....	816	186,991	103,671	16,630	47,776	19,702	1,167,878
1966.....	814	215,112	117,848	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.....	805	310,421	172,942	23,097	76,266	38,386	1,827,508
1970.....	808	362,694	200,917	26,250	86,348	49,281	2,084,584
1971.....	813	407,405	224,489	30,064	97,600	55,872	2,295,344
1972.....	822	464,764	256,688	33,752	110,586	62,879	2,569,301
1973.....	831	555,318	307,457	41,246	127,728	76,801	2,964,312
1974.....	848	659,732	366,052	53,830	146,475	91,261	3,422,383
1975.....	858	753,100	422,396	66,202	166,709	95,456	3,849,740
1976.....	876	899,335	703,300	85,705	195,087	112,397	4,373,731
1977.....	896	1,086,604	854,119	101,996	232,251	131,485	5,073,933
1978.....	902	1,305,261	754,020	117,455	270,383	160,807	5,769,947
1979.....	919	1,539,743	883,890	140,605	312,337	199,589	6,557,728
1980.....	936	1,757,740	1,015,255	167,764	361,059	216,356	7,388,150
1981.....	949	2,042,065	1,186,675	192,568	423,536	261,656	8,033,999

<sup>1</sup>Includes other income and deductions (net), and other fixed charges shown elsewhere in this table.<sup>2</sup>Investment in physical plant and related facilities.

Rural Electrification Administration.

**Table 655.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, United States, 1965-82**

Year	Total advances as of Jan. 1 <sup>1</sup>		Operating statistics as of Jan. 1				Revenues for year ending Dec. 31
	REA	RTB	Borrowers reporting	Employees	Total subscribers	Telephones in service	
			Number	Number	Number	Number	
	1,000 dollars	1,000 dollars	Number	Number	Number	Number	1,000 dollars
1965.....	917,896		804	11,075	1,626,590	1,899,904	186,991
1966.....	1,001,966		816	11,567	1,726,359	2,045,956	215,112
1967.....	1,088,721		814	12,220	1,825,861	2,195,346	238,888
1968.....	1,193,344		811	12,827	1,944,334	2,369,153	271,697
1969.....	1,297,544		811	13,389	2,067,025	2,561,495	310,421
1970.....	1,412,712		806	14,088	2,184,575	2,754,689	362,694
1971.....	1,553,050		809	15,448	2,334,511	2,988,849	407,405
1972.....	1,697,908		813	15,460	2,428,868	3,157,109	464,764
1973.....	1,820,970	17,492	822	16,300	2,574,814	3,423,892	555,318
1974.....	1,933,685	80,832	831	17,446	2,725,030	3,713,976	659,732
1975.....	2,070,171	207,379	848	19,580	2,919,113	4,084,393	753,100
1976.....	2,211,707	334,737	858	20,045	3,045,292	4,355,445	899,335
1977.....	2,370,610	429,329	876	21,188	3,283,223	4,796,426	1,086,604
1978.....	2,526,906	515,020	895	23,475	3,599,069	5,388,071	1,305,261
1979.....	2,674,893	660,210	902	26,270	3,877,060	5,925,460	1,539,743
1980.....	2,892,056	793,682	919	27,936	4,072,709	6,335,312	1,757,740
1981.....	3,150,443	997,293	936	28,441	4,262,359	6,769,860	2,042,065
1982.....	3,415,708	<sup>2</sup> 1,136,115	949	28,677	4,374,947	6,953,472	

<sup>1</sup>Cumulative from organization, Oct. 28, 1949.<sup>2</sup>Actual funds advanced out of loans approved, as shown in table 657.

Rural Electrification Administration.

**Table 656.—Rural Electrification Administration and Rural Telephone Bank: Advances to, and operating statistics of, telephone borrowers, as of Jan. 1, 1982 and revenues for 1981, by States and Territories <sup>1</sup>**

State and Territory	Total advances as of Jan. 1, 1982 <sup>2,3</sup>		Operating statistics as of Jan. 1, 1982			Revenues for 12 months ending Dec. 31, 1981 <sup>4</sup>
	REA	RTB	Borrowers reporting	Total subscribers	Telephones in service	
	1,000 dollars	1,000 dollars	Number	Number	Number	1,000 dollars
Ala.....	88,907	38,731	23	104,500	159,062	41,151
Alaska.....	30,990	37,754	11	38,662	58,849	48,473
Ariz.....	31,778	35,593	4	89,662	140,710	82,536
Ark.....	66,685	33,142	18	153,926	226,632	74,672
Calif.....	53,845	22,118	12	33,106	51,332	25,210
Colo.....	34,879	11,459	17	24,816	39,564	16,242
Conn.....	0	0	0	0	0	0
Del.....	0	0	0	0	0	0
Fla.....	37,482	23,573	7	77,897	129,294	49,705
Ga.....	167,375	71,270	28	269,899	430,643	125,388
Hawaii.....	0	0	0	0	0	0
Idaho.....	19,865	1,469	9	12,019	20,438	6,798
Ill.....	61,944	12,174	24	83,962	142,917	33,771
Ind.....	74,485	13,008	28	78,962	122,763	26,389
Iowa.....	103,638	15,158	80	160,917	258,408	61,550
Kans.....	132,808	27,250	32	134,056	224,479	66,937
Ky.....	156,808	33,683	16	164,377	243,316	56,452
La.....	64,494	23,326	19	82,633	131,239	43,020
Maine.....	19,523	12,606	10	50,568	72,906	21,483
Md.....	2,061	1,437	1	3,042	5,105	1,181
Mass.....	1,022	520	1	1,916	2,828	665
Mich.....	50,784	19,291	28	90,054	136,255	34,778
Minn.....	167,142	45,964	63	248,456	375,461	100,958
Miss.....	59,913	6,036	16	50,971	79,475	18,612
Mo.....	119,658	35,216	23	219,097	322,638	99,983
Mont.....	97,788	0	12	35,739	60,571	28,501
Nebr.....	64,795	14,568	32	61,965	99,173	28,202
Nev.....	4,447	5,710	4	5,184	9,489	5,200
N.H.....	10,287	4,064	5	12,303	21,257	7,691
N.J.....	14,295	12,634	3	25,606	45,740	15,713
N. Mex.....	57,349	0	8	13,413	21,670	10,999
N.Y.....	33,279	25,752	28	110,658	164,837	44,182
N.C.....	142,532	30,289	19	205,576	330,776	71,321
N. Dak.....	108,717	9,865	13	64,916	111,338	31,628
Ohio.....	14,334	3,379	14	16,536	25,562	5,078
Okla.....	123,506	61,169	32	133,040	211,514	63,960
Oreg.....	36,329	20,888	18	54,397	89,865	32,968
Pa.....	60,332	116,921	27	298,264	514,265	114,960
R.I.....	0	0	0	0	0	0
S.C.....	131,886	57,160	19	150,159	260,766	65,714
S. Dak.....	93,400	10,103	21	54,527	93,648	24,171
Tenn.....	161,217	43,157	21	175,735	280,241	57,098
Tex.....	297,515	77,814	54	306,657	489,634	195,085
Utah.....	16,423	2,506	6	9,439	15,048	4,246
Vt.....	3,121	3,971	1	6,764	11,264	3,853
Va.....	49,731	12,611	4	39,469	60,787	13,585
Wash.....	28,101	10,907	15	26,412	40,883	14,745
W. Va.....	40,487	3,286	10	51,296	70,861	19,801
Wis.....	181,492	85,678	93	269,604	443,204	110,152
Wyo.....	10,197	2,905	8	9,149	13,411	6,909
U.S.....	3,327,646	1,136,115	947	4,310,306	6,860,118	2,011,716
Guam.....	33,062	0	1	19,068	27,444	8,405
P.R.....	55,000	0	1	45,573	65,910	21,944
Total.....	3,415,708	1,136,115	949	4,374,947	6,953,472	2,042,065

<sup>1</sup> Preliminary, except total advances. State totals represent data for borrowers incorporated within the State.

<sup>2</sup> Actual funds advanced out of loans approved, as shown in table 657.

<sup>3</sup> Cumulative.

<sup>4</sup> Reported 949 borrowers.

Rural Electrification Administration.

Table 657.—Rural Electrification Administration and Rural Telephone Bank: Telephone financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1981<sup>1</sup>

State	Total financing				Route miles of line provided for by financing (total)	Subscribers provided for by financing		
	Borrowers	REA loans	RTB loans	REA guarantee commitments		Total	To receive initial service	To receive improved service
	Number	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number	Number	Number
Ala.....	25	114,378	50,009	11,934	19,086	122,852	98,353	24,499
Alaska.....	12	59,875	53,815	46,943	7,209	58,453	44,174	14,279
Ariz.....	4	32,615	68,535	41,700	11,504	98,287	79,894	18,393
Ark.....	19	78,389	47,320	25,244	24,148	160,427	111,898	48,529
Calif.....	15	65,663	34,438	10,440	11,061	102,252	75,483	26,769
Colo.....	17	38,382	13,331	0	8,965	25,284	14,525	10,759
Conn.....	0	0	0	0	0	0	0	0
Del.....	0	0	0	0	0	0	0	0
Fla.....	9	37,663	31,976	48,590	11,482	88,334	74,928	13,406
Ga.....	29	190,782	80,966	62,103	46,179	287,458	237,671	49,787
Hawaii.....	0	0	0	0	0	0	0	0
Idaho.....	9	22,716	3,481	0	3,983	14,021	10,297	3,724
Ill.....	26	64,622	18,169	0	19,051	101,547	34,323	67,224
Ind.....	34	90,705	14,718	0	13,815	100,164	52,917	47,247
Iowa.....	84	117,730	22,234	9,700	33,184	173,076	58,821	114,255
Kans.....	33	153,620	43,020	20,440	41,998	140,157	55,802	84,355
Ky.....	17	188,883	38,882	16,000	25,600	191,696	166,521	25,175
La.....	19	73,601	30,291	13,925	10,228	79,536	67,774	11,762
Maine.....	11	22,172	16,298	5,300	5,917	55,621	40,653	14,968
Md.....	1	2,061	2,327	0	440	3,241	1,971	1,270
Mass.....	1	1,835	520	0	123	2,203	1,655	548
Mich.....	32	76,645	24,975	5,600	12,284	104,631	48,196	56,435
Minn.....	65	186,586	54,302	10,239	53,721	255,629	145,459	110,170
Miss.....	16	71,754	8,686	5,200	9,733	53,367	44,528	8,839
Mo.....	27	153,857	44,563	11,470	47,557	192,991	117,449	75,542
Mont.....	12	123,397	3,734	0	24,991	39,669	31,303	8,366
Nebr.....	34	73,438	19,668	0	20,320	63,832	17,962	45,870
Nev.....	4	5,235	8,319	0	1,188	7,334	5,930	1,404
N.H.....	5	11,203	4,772	0	1,236	12,673	5,472	7,201
N.J.....	3	14,295	18,234	6,500	2,151	26,214	21,612	4,602
N. Mex.....	8	90,031	0	0	12,241	17,859	9,347	8,512
N.Y.....	28	38,939	30,239	23,645	11,013	112,774	29,842	82,932
N.C.....	20	161,550	46,712	31,158	25,712	223,915	178,674	45,241
N. Dak.....	13	117,206	14,639	0	31,472	68,193	42,156	26,037
Ohio.....	15	23,044	3,511	0	2,654	22,754	13,775	8,979
Okla.....	33	154,192	69,414	2,744	28,718	139,448	88,821	50,627
Oreg.....	23	44,682	35,208	0	9,673	70,716	46,556	24,160
Pa.....	29	64,011	148,239	43,352	35,265	312,610	125,896	186,714
R.I.....	0	0	0	0	0	0	0	0
S.C.....	19	155,846	76,096	7,885	21,967	171,812	150,758	21,054
S. Dak.....	21	102,255	15,444	0	27,600	62,905	29,637	33,268
Tenn.....	21	197,334	50,151	14,358	24,703	189,996	162,763	27,233
Tex.....	60	355,760	126,567	49,900	81,588	344,428	264,062	80,366
Utah.....	6	20,249	2,663	0	2,454	11,249	9,678	1,571
Vt.....	4	3,887	4,523	0	741	7,101	4,487	2,614
Va.....	13	59,199	14,993	0	10,684	67,858	50,936	16,922
Wash.....	19	30,121	13,131	0	8,315	60,740	25,336	35,404
W. Va.....	10	44,572	3,828	5,250	7,497	52,988	33,614	19,324
Wis.....	95	206,472	110,321	23,700	44,267	283,535	134,683	148,852
Wyo.....	8	12,138	6,212	0	2,856	10,386	8,331	2,055
Guam.....	1	37,206	0	0	1,113	25,982	14,791	11,191
P.R.....	1	85,527	0	0	5,068	95,930	60,348	35,582
U.S.....	1,010	4,076,323	1,529,474	553,320	862,755	4,914,078	3,150,062	1,764,016

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

Rural Electrification Administration.

**Table 658.—Telephones: Number of farms and percentage of all farms with telephone service and average monthly bill, by States, 1980 and 1981<sup>1</sup>**

State	Number of farms with telephone service		Percentage of farms with telephone service		Average monthly local telephone bill	
	1980	1981	1980	1981	1980	1981
	<i>Thousands</i>	<i>Thousands</i>	<i>Percent</i>	<i>Percent</i>	<i>Dollars</i>	<i>Dollars</i>
Ala.....	52	53	90	91	12.00	12.70
Ariz.....	6	6	85	86	16.00	16.60
Ark.....	54	55	92	93	11.60	13.20
Calif.....	78	79	98	99	13.80	12.00
Colo.....	25	25	95	95	12.00	11.40
Conn.....	4	4	99	99	10.60	11.20
Del.....	3	3	97	97	10.00	10.00
Fla.....	36	36	93	93	15.50	12.80
Ga.....	57	57	96	97	13.20	13.40
Idaho.....	23	23	95	96	8.70	10.20
Ill.....	105	103	98	98	10.80	11.00
Ind.....	84	84	95	96	10.80	11.90
Iowa.....	118	117	99	99	10.00	10.20
Kans.....	71	71	95	96	8.60	9.60
Ky.....	94	93	92	92	10.80	12.90
La.....	34	35	95	94	13.50	14.80
Maine.....	8	8	97	97	10.30	11.10
Md.....	17	17	96	97	12.50	12.50
Mass.....	6	6	99	99	13.00	12.40
Mich.....	64	64	97	98	9.00	10.60
Minn.....	102	103	98	98	10.50	11.30
Miss.....	51	51	92	92	12.50	12.20
Mo.....	114	114	95	96	8.30	9.10
Mont.....	23	23	95	95	10.00	10.20
Nebr.....	63	62	97	97	10.00	10.30
Nev.....	3	3	90	90	8.00	8.20
N.H.....	3	4	97	98	11.50	11.10
N.J.....	9	9	98	98	11.20	12.00
N. Mex.....	11	11	82	83	12.50	12.60
N.Y.....	47	47	98	98	12.80	14.20
N.C.....	86	87	93	94	9.80	10.40
N. Dak.....	38	38	94	95	13.00	13.00
Ohio.....	90	89	95	95	12.00	11.80
Okla.....	66	67	92	93	8.80	9.40
Oreg.....	34	34	96	97	9.00	9.60
Pa.....	60	60	96	96	8.00	8.70
R.I.....	1	1	97	98	14.00	14.60
S.C.....	33	32	93	94	11.50	12.60
S. Dak.....	36	36	94	95	11.50	11.70
Tenn.....	89	89	93	93	11.00	12.40
Tex.....	154	173	83	93	10.50	12.40
Utah.....	12	13	96	97	9.30	10.10
Vt.....	8	8	98	98	10.50	10.50
Va.....	54	54	93	93	11.50	12.50
Wash.....	37	38	98	98	9.40	10.30
W. Va.....	18	18	90	91	12.00	12.80
Wis.....	91	91	98	98	10.20	11.50
Wyo.....	8	9	93	93	12.30	14.00
U.S.....	2,280	2,301	94	95	10.80	11.50

<sup>1</sup>Based on annual survey made in July and August, reporting data from the most recent bill—usually June or July.

Statistical Reporting Service.

## CHAPTER XI

# STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion and production adjustment programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

**Table 659.—Commodity Credit Corporation: Price support granted on 1980 crop, United States and Territories <sup>1</sup>**

Commodity	Unit	Through Sept. 30, 1981	
		Quantity	Value
		<i>Millions</i>	<i>Million dollars</i>
Cotton, upland .....	Bale .....	2.2	516.2
Cotton, extra-long staple .....	..do.....	.1	24.4
Seed cotton, upland .....	Pound.....	37.7	17.3
Seed cotton, extra-long staple .....	..do.....	1.8	1.6
Wheat .....	Bushel.....	337.1	1,070.1
Corn .....	..do.....	843.2	1,980.8
Honey .....	Pound.....	41.1	20.7
<b>Milk and butterfat:</b>			
Butter .....	Pound.....	353.3	527.6
Cheese .....	..do.....	528.7	767.9
Dried milk .....	..do.....	738.3	695.2
Tobacco .....	..do.....	125.2	213.7
Rice, rough .....	Cwt.....	25.0	171.4
Grain sorghum .....	Bushel.....	32.6	67.5
Peanuts, farmers stock .....	Pound.....	336.7	67.5
Oats .....	Bushel.....	6.3	7.0
Barley .....	..do.....	31.2	55.9
Beans, dry edible .....	Pound.....		
Rye .....	Bushel.....	.4	.7
Soybeans .....	..do.....	133.2	667.0
<b>Sugar:</b>			
Beets .....	Pound.....		
Cane .....	..do.....		
Special purchase programs <sup>2</sup> .....			464.9
<b>Total</b> .....			<b>7,337.4</b>

<sup>1</sup>Consists of loans made and acquisitions under commodity loan and purchase programs.

<sup>2</sup>Commodities included in "Special purchase programs" for 1980 crop are barley, corn products, wheat products, rolled oats, vegetable oil products, blended food products, soya flour, feed for Government facilities, foundation seeds, sorghum grits, peanut products, milled rice, brown rice, and textured soya rice.

Agricultural Stabilization and Conservation Service.

**Table 660.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1965-81 <sup>1</sup>**

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	<i>Million bushels</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million bushels</i>	<i>1,000 bales</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million pounds</i>
1965.....	18	32	( <sup>2</sup> )	530	10,155	0.1	5.2	493	131
1966.....	7			156	8,389	( <sup>3</sup> )	9.1	332	( <sup>3</sup> )
1967.....	6	153	80	138	1,247	.3	2.1	193	191
1968.....	6	124	65	261	135	( <sup>2</sup> )	2.9	192	268
1969.....	49	72	( <sup>2</sup> )	296	2,221	( <sup>2</sup> )	7.7	188	212
1970.....	28	108	4	215	2,077	.1	19.1	163	119
1971.....	36	104	7	144	( <sup>2</sup> )	( <sup>2</sup> )	24.0	58	80
1972.....	9	108	0	140	( <sup>2</sup> )	0	7.7	37	26
1973.....	1	18	0	70	( <sup>2</sup> )	0	.1	8	2
1974.....	( <sup>2</sup> )	17	2	6	( <sup>2</sup> )			1	172
1975.....	( <sup>2</sup> )	3	5	( <sup>2</sup> )	( <sup>2</sup> )				442
1976.....		21	5	( <sup>2</sup> )				( <sup>2</sup> )	453
1977.....	( <sup>2</sup> )	198	95	1	( <sup>2</sup> )			1	708
1978.....	1	207	35	77	( <sup>2</sup> )			37	658
1979.....	3	177	5	100	( <sup>2</sup> )			45	529
1980.....	4	331	244	254	( <sup>2</sup> )			44	707
1981.....	3	449	644	248	( <sup>2</sup> )			38	944

  

Year	Oats	Peanuts <sup>4</sup>	Rice <sup>5</sup>	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned <sup>6</sup>
	<i>Million bushels</i>	<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>
1965.....	41	37	0.8	5.7	( <sup>2</sup> )	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	( <sup>2</sup> )	9.0	53	12	100	1,064
1969.....	76	6	6.4	11.7	178	28	168	1,784
1970.....	146	2	6.9	17.6	80	42	283	1,594
1971.....	199	10	4.9	24.0	( <sup>2</sup> )	38	372	1,118
1972.....	172	8	.6	29.8	0	27	267	830
1973.....	121	( <sup>2</sup> )	( <sup>2</sup> )	15.7	0	19	139	394
1974.....	69			2.6		1	15	188
1975.....	36	365	( <sup>2</sup> )	( <sup>2</sup> )			( <sup>2</sup> )	402
1976.....	3	92	19.1				( <sup>2</sup> )	634
1977.....	( <sup>2</sup> )	( <sup>2</sup> )	18.6				34	1,104
1978.....	2		10.4	( <sup>2</sup> )	( <sup>2</sup> )		50	1,186
1979.....	3		8.1	( <sup>2</sup> )	( <sup>2</sup> )		50	1,237
1980.....	3		1.7	( <sup>2</sup> )	( <sup>2</sup> )		203	2,802
1981.....	2		( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )		191	3,779

<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, oat products, rice products, vegetable oil, honey, mixed feed, linseed oil, foundation seeds, and peanut products.

<sup>2</sup>Less than 500,000 units.

<sup>3</sup>Less than 50,000 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.

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Table 661.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1976-81<sup>1</sup>

Commodity	Unit	1976		1977		1978	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged	Face amount
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley.....	1,000 bushels....	19,224	22,025	86,665	133,116	67,873	105,091
Corn.....	1,000 bushels....	277,734	417,357	1,163,654	2,318,911	640,735	1,263,916
Cotton.....	1,000 bales.....	952	164,040	4,564	959,507	1,560	348,138
Seed cotton.....	1,000 pounds....	12,221	4,446	13,490	5,809	14,169	6,177
Dry beans.....	1,000 cwt.....						
Flaxseed.....	1,000 bushels....						
Honey.....	1,000 pounds....			14,064	4,647	38,019	14,172
Naval stores: Rosin.....	1,000 pounds....						
Oats.....	1,000 bushels....	4,631	3,111	82,679	79,206	24,849	24,035
Peanuts.....	1,000 tons.....	426.9	170,975	267.9	112,331	260.2	101,896
Rice.....	1,000 cwt.....	23,415	145,504	19,541	122,958	27,118	173,156
Rye.....	1,000 bushels....	144	159	909	1,425	3,054	4,929
Sorghum grain.....	1,000 bushels....	21,298	29,332	217,480	424,686	92,105	176,269
Soybeans.....	1,000 bushels....	22,471	56,426	97,274	340,807	64,369	289,400
Storage facility and equipment.....			49,186		156,904		646,413
Tobacco.....	1,000 pounds....	283,405	378,027	220,991	297,489	129,422	202,327
Wheat.....	1,000 bushels....	498,788	1,127,969	590,941	1,357,888	255,366	588,669

  

Commodity	Unit	1979		1980		1981	
		Quantity pledged	Face amount	Quantity pledged	Face amount	Quantity pledged <sup>2</sup>	Face amount <sup>2</sup>
			<i>1,000 dollars</i>		<i>1,000 dollars</i>		<i>1,000 dollars</i>
Barley.....	1,000 bushels....	8,527	13,317	11,109	19,429	26,593	49,693
Corn.....	1,000 bushels....	2,170	4,682	2,327	5,493	13,463	34,297
Cotton.....	1,000 bales.....			( <sup>3</sup> )	108	26	6,385
Seed cotton.....	1,000 pounds....						
Dry beans.....	1,000 cwt.....						
Flaxseed.....	1,000 bushels....						
Honey.....	1,000 pounds....	5,454	2,411	18,048	9,100	30,378	17,363
Naval stores: Rosin.....	1,000 pounds....						
Oats.....	1,000 bushels....	4,950	4,817	3,423	3,698	6,078	7,289
Peanuts.....	1,000 tons.....	74.0	27,587	41,257	5,376	78,189	15,392
Rice.....	1,000 cwt.....	3,211	24,119	462	3,372	5,568	49,088
Rye.....	1,000 bushels....	766	1,240	240	442	359	720
Sorghum grain.....	1,000 bushels....	2,933	6,006	1,183	2,631	27,727	67,964
Soybeans.....	1,000 bushels....	11	50	22	110	1,043	5,186
Storage facility and equipment.....			678,891		362,560		225,865
Tobacco.....	1,000 pounds....	32,370	59,351	49,026	89,310	38,486	85,100
Wheat.....	1,000 bushels....	55,595	126,840	99,244	281,043	498,818	1,128,119

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation.<sup>2</sup> Loans through Sept. 30, 1981.<sup>3</sup> 500 or less.

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**Table 662.—Commodity Credit Corporation: Loan transaction for fiscal year 1981, by commodities <sup>1</sup>**

Commodity	Unit	Loans outstanding Oct. 1, 1980 <sup>2</sup>	New loans made	Repayments	Collateral acquired in settlement	Loans written off <sup>3</sup>	Loans outstanding Sept. 30, 1981	
							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>
Corn .....	Bushel .....	1,617,078	2,002,006	2,981,905	1,709	6,215	629,255	286,225
Cotton .....	Bale .....	36,242	547,010	506,976	142		76,143	324
Seed cotton .....	Pound .....	8	18,899	18,907				
Peanuts .....	Ton .....	4,642	77,570	49,822	14	19,586	12,791	65,392
Rice .....	Cwt .....	4,315	217,016	174,604		4	46,722	5,301
Tobacco .....	Pound .....	814,941	215,179	266,293			763,826	564,547
Wheat .....	Bushel .....	837,249	1,594,485	559,404	152	970	1,871,209	622,903
<b>Total .....</b>		<b>3,314,475</b>	<b>4,672,165</b>	<b>4,557,911</b>	<b>2,017</b>	<b>26,775</b>	<b>3,399,946</b>	<b>1,544,692</b>
<b>Designated nonbasic commodities:</b>								
Barley .....	Bushel .....	56,451	86,645	69,980	141	495	72,480	40,159
Sorghum .....	.....do .....	79,010	131,721	114,079	311	231	96,111	41,494
Honey .....	Pound .....	12,001	29,109	20,418	329	286	20,076	35,852
Oats .....	Bushel .....	26,283	10,686	29,083	(*)	161	7,724	6,468
Rye .....	.....do .....	1,226	1,030	1,411	67,363	36	742	372
Sugar, beet .....	Pound .....	29,420	19,576	48,996				
Sugar, cane .....	.....do .....	26,135		26,135				
<b>Total .....</b>		<b>230,526</b>	<b>278,767</b>	<b>310,102</b>	<b>68,144</b>	<b>1,209</b>	<b>197,133</b>	<b>124,345</b>
<b>Other nonbasic commodities:</b>								
Soybeans .....	Bushel .....	103,696	672,305	581,714	540	1,123	192,625	38,539
Naval stores (rosin) .....	Pound .....							
<b>Total .....</b>		<b>103,696</b>	<b>672,305</b>	<b>581,714</b>	<b>540</b>	<b>1,123</b>	<b>192,625</b>	<b>38,539</b>
<b>Other loans:</b>								
Storage facility and equipment .....		1,470,271	225,865	291,479		1,625	1,403,032	
<b>Total .....</b>		<b>1,470,271</b>	<b>225,865</b>	<b>291,479</b>		<b>1,625</b>	<b>1,403,032</b>	
<b>Grand total .....</b>		<b>5,118,968</b>	<b>5,849,102</b>	<b>5,741,206</b>	<b>70,701</b>	<b>30,732</b>	<b>5,192,736</b>	

<sup>1</sup> Loans made directly by Commodity Credit Corporation.<sup>2</sup> Book value of outstanding loans; includes face amounts and any charges paid.<sup>3</sup> Includes transfers to accounts receivable.

\* Less than 500 dollars.

Agricultural Stabilization and conservation Service.

Table 663.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1965-81 <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>
1965	20	459	4,002	0.5	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
1970	100	454	1,492	1.1	8.9	43	235
1971	108	761	572	.7	5.6	114	223
1972	97	735	2,411	.7	.4	58	199
1973	22	190	900	.1	.1	14	46
1974	4	49	960	.1	( <sup>4</sup> )	2	3
1975	6	110	333			6	3
1976	12	206	2,186			16	4
1977	65	765	2,576			157	60
1978	94	1,038	919			149	68
1979	73	801	710			83	46
1980	35	966	851			24	9
1981	53	1,234	1,485			181	7

  

Year <sup>2</sup>	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding <sup>5</sup>
	<i>Million pounds</i>	<i>Million cwt.</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>	<i>Million bushels</i>
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
1970	768	15.4	8.2	144	1,224	477	2,973
1971	882	23.4	14.8	140	1,061	486	3,186
1972	878	15.0	12.8	71	746	305	2,438
1973	956	13.6	.6	99	561	32	11,266
1974	995	6.1	.1	19	305	20	681
1975	1,135	8.9	.1	( <sup>4</sup> )	335	32	871
1976	841	10.5	.1	13	585	223	1,786
1977	302	15.0	.6	68	665	740	5,414
1978	243	19.1	2.5	44	644	588	5,655
1979	608	20.2	2.1	73	686	373	4,955
1980	294	20.5	.4	72	678	366	4,783
1981	530	16.3	.3	161	596	660	7,807

<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 crop of previous years.

<sup>3</sup>Includes extra-long staple.

<sup>4</sup>Less than 500,000 units.

<sup>5</sup>Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service.

Table 664.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1981

Program and commodity	Unit	Quantity					Value				
		Inventory Oct. 1, 1980	Purchases	Collateral acquired from loans	Sales <sup>1</sup>	Inventory Sept. 30, 1981	Inventory Oct. 1, 1980	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Sept. 30, 1981
Feed grains:		<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>
Barley.....	Bushel.....	3,490	9	88	49	3,325	5,564	30	161	132	5,302
Corn.....	do.....	256,341	4,951	771	22,853	237,810	596,429	18,832	1,675	82,476	555,162
Corn products.....	Pound.....	185	196,680		191,843	225	34	25,271		25,143	41
Grain sorghum.....	Bushel.....	43,897	402	153	3,026	38,234	92,866	1,134	302	11,768	78,977
Sorghum grits.....	Pound.....		50,538		50,538			6,605		6,738	
Oats.....	Bushel.....	2,693	4	( <sup>2</sup> )	29	1,731	2,831	11	2	61	1,822
Oats, rolled.....	Pound.....		19,289		16,349			3,411		2,925	
Rye.....	Bushel.....	235	2	39	167	109	395	3	67	533	189
Total feed grains.....							698,119	55,297	2,207	129,776	641,493
Wheat.....	Bushel.....				17,008	191,597	705,389	27,843	144	78,906	678,713
Wheat flour.....	Pound.....		521,981		470,010			67,537		62,095	
Wheat products, other.....	do.....		797,178		788,449			92,802		92,172	9
Rice, milled.....	Cwt.....	9	1,537		2,709	27	160	35,864		58,993	455
Rice, rough.....	Cwt.....	2,210			478	47	19,422			4,446	475
Rice, textured soy blend.....	Pound.....										
Rice, brown.....	Cwt.....		600		1,068	53		450		307	16
Cotton, extra long staple and upland.....	Bale.....	2			( <sup>2</sup> )	2	634		125	67	758
Dairy products:											
Butter.....	Pound.....	300,372	353,260		26,111	499,994	385,397	527,551		2,463	708,897
Cheese.....	do.....	226,652	528,734		10,249	619,460	309,435	767,921		15,163	887,448
Milk, dried.....	do.....	689,801	738,318		457,681	886,154	571,525	695,184		155,296	799,282
Total dairy products.....							1,266,357	1,990,656		172,922	2,395,607

Oils and oilseeds:										
Peanuts, farmers' stock.....	Pound.....			97,126	35			14	91	
Peanut products.....	do.....	314	1,644		1,488	54	212	1,708	1,637	47
Peanut butter.....	do.....	1,718	8,120		8,375	245	1,340	7,847	7,736	187
Peanut oil, crude.....	do.....				150					
Peanut oil, refined.....	do.....									
Soya flour.....	do.....		590		590			101		103
Soybeans.....	Bushel.....	19		119	1		87		546	10
Totals oils and oilseeds.....							1,639	9,656	560	9,577
Blended foods.....	Pound.....		316,833		356,707			57,616		66,031
Grains and seeds:										
Feed for Government facilities.....	Cwt.....		9		9			126		127
Foundation seeds.....	Pound.....	131	76		<sup>2</sup> 57	265	155	140		80
Total grains and seeds.....							155	266		207
Sugar, cane and beet.....	Pound.....	4,541			3,910		702			65,799
Vegetable oil products.....	Pound.....	2,768	421,984		395,706	6,142	1,016	161,288		156,131
Total inventory operations.....							2,693,593	2,499,275	3,036	897,429
										3,720,585

<sup>1</sup> Sales do not reflect commodity donations.

<sup>2</sup> Negative figure.

<sup>3</sup> 500 or less.

Agricultural Stabilization and Conservation Service.

Table 665.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1981

Commodity	Export		Domestic					Total export and domestic
	Public law 480 Title II	Total export	Dollar sales	Transfers to other Government agencies	Donations <sup>1</sup>	Inventory adjustments and other recoveries (domestic)	Total domestic	
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Feed grains:</b>								
Barley.....			64	29	328	2	423	423
Corn.....	29,109	29,109	28,239	156	2,422	657	31,474	60,583
Corn products.....	24,641	24,641		7	670	19	696	25,337
Grain sorghum.....	5,770	5,770	118		10	1,810	1,938	7,708
Sorghum grits.....	6,605	6,605						6,605
Oats.....			26	11	960		997	997
Oats, rolled.....	2,867	2,867			543		543	3,410
Wheat.....	53,837	53,837	650			264	914	54,751
Wheat flour.....	60,873	60,873			6,723	2	6,725	67,598
Wheat products, other.....	90,346	90,346		4	2,523	9	2,536	92,882
Rice milled.....	45,109	45,109		8,263	2,338	118	10,719	55,828
Rice, rough.....			3,822			561	4,383	4,383
Rice, brown and textured soy blend.....				306	110		416	416
Cotton, extra long staple and upland.....			46		8		54	54
Rye.....			278				278	278
<b>Dairy products:</b>								
Butter.....		1,192	68,944	<sup>2</sup> 35,216	173,674	378	207,780	208,972
Cheese.....			4,356	8,492	190,983	837	204,668	204,668
Milk, dried.....	189,676	197,124	204,629	<sup>2</sup> 5,292	39,802	1,662	240,801	437,925
<b>Oils and oilseeds:</b>								
Peanut products.....				1,511	352	10	1,873	1,873
Peanut butter.....				7,596	1,096	8	8,700	8,700
Peanuts, farmer's stock.....			6		8		14	14
Peanut oil, crude.....						74	74	74
Peanut oil, refined.....								
Soya flour.....	101	101						101
Soybeans.....			2				2	2

Blended foods.....	91,380	91,380				18	18	91,398
Grains and seeds:								
Feed for Government facilities.....				126			126	126
Foundation seeds.....			<sup>2</sup> 105			1	<sup>2</sup> 104	<sup>2</sup> 104
Sugar, cane and beet.....			37,394		379	239	38,012	38,012
Vegetable oil products.....	115,354	115,354		35,507	8,988	39	44,534	159,888
Total.....	715,668	724,308	348,469	21,500	431,917	6,708	808,594	1,532,902

<sup>1</sup> Includes donations under Sections 202, 407, 416, Section 210, Pl 85-540 and miscellaneous donations under various other authorizations.

<sup>2</sup> Negative figure.

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Table 666.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1967-81

Date	Inventory after revaluation	Loans held CCC	Loans financed by lending 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>
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
1970:					
March.....	1,696.6	3,529.0	195.7	3,724.7	5,421.3
June.....	1,858.1	2,788.3		2,788.3	4,646.4
September.....	1,894.0	2,294.5		2,294.5	4,188.5
December.....	1,593.5	2,973.4		2,973.4	4,566.9
1971: <sup>1</sup>					
March.....	1,208.7	2,838.8		2,838.8	4,047.5
June.....	1,207.9	1,850.1		1,850.1	3,058.0
September.....	1,229.9	1,971.8		1,971.8	3,201.7
December.....	1,118.2	3,186.0		3,186.0	4,304.2
1972:					
March.....	1,055.0	3,122.0		3,122.0	4,177.0
June.....	1,090.1	2,277.4		2,277.4	3,367.5
September.....	972.3	1,955.1		1,955.1	2,927.4
December.....	829.6	2,438.4		2,438.4	3,268.0
1973:					
March.....	660.0	2,088.7		2,088.7	2,748.7
June.....	478.7	1,143.9		1,143.9	1,622.6
September.....	439.4	703.9		703.9	1,143.3
December.....	393.7	1,265.9		1,265.9	1,659.6
1974:					
March.....	359.3	885.8		885.8	1,245.1
June.....	114.2	449.2		449.2	563.4
September.....	172.8	394.6		394.6	567.4
December.....	188.2	681.8		681.8	870.0
1975:					
March.....	253.5	619.2		619.2	872.7
June.....	416.1	333.6		333.6	749.7
September.....	453.7	506.5		506.6	960.2
December.....	402.4	871.0		871.0	1,273.4
1976:					
March.....	555.8	762.2		762.2	1,318.0
June.....	658.6	480.5		480.5	1,339.1
September.....	607.2	707.7		707.7	1,314.9
December.....	634.3	1,786.5		1,786.5	2,420.8
1977:					
March.....	682.9	1,990.5		1,990.5	2,673.4
June.....	824.9	2,142.7		2,142.7	2,967.6
September.....	984.9	3,009.0		3,009.0	3,993.9
December.....	1,104.4	5,414.0		5,414.0	6,518.4
1978:					
March.....	1,052.5	5,827.9		5,827.9	6,880.4
June.....	1,068.3	4,591.3		4,591.3	5,659.6
September.....	1,029.0	4,230.4		4,230.4	5,259.4
December.....	1,185.9	5,655.6		5,655.6	6,841.5
1979:					
March.....	1,186.2	6,245.4		6,245.4	7,431.6
June.....	1,192.4	5,328.4		5,328.4	6,520.8
September.....	1,162.2	3,885.8		3,885.8	5,048.0
December.....	1,236.8	4,954.6		4,954.6	6,191.5
1980:					
March.....	1,484.3	5,374.9		5,374.9	6,859.2
June.....	2,486.0	4,765.4		4,765.4	7,251.4
September.....	2,737.0	3,648.7		3,648.7	6,385.7
December.....	2,802.2	4,783.0		4,783.0	7,585.2
1981:					
March.....	3,066.9	5,629.3		5,629.3	8,696.2
June.....	3,587.9	3,858.5		3,858.5	7,446.4
September.....	3,726.8	3,789.7		3,789.7	7,516.5
December.....	3,778.7	7,807.4		7,807.4	11,586.1

<sup>1</sup>Since 1971, reflects total CCC loans and inventories.  
Agricultural Stabilization and Conservation Service.



Table 667.—Agricultural Stabilization and Conservation programs: Number of payees and payments received, by States, 1981

State	Payees	Pay-ments	State	Payees	Pay-ments	State	Payees	Pay-ments
	<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>1,000 dollars</i>		<i>Number</i>	<i>1,000 dollars</i>
Tex.....	118,695	317,618	Ga.....	24,967	38,054	Md.....	3,924	2,961
Nebr.....	63,686	99,404	Wash.....	16,816	37,297	W. Va.....	8,459	2,988
Kans.....	139,850	230,567	Mich.....	27,530	17,263	Nev.....	892	3,743
Iowa.....	38,404	58,170	Miss.....	17,731	19,522	Vt.....	1,762	1,562
Minn.....	52,014	79,121	Ala.....	18,106	21,363	N.J.....	1,559	1,465
Calif.....	11,266	23,368	Ohio.....	52,033	24,089	Hawaii.....	266	716
S. Dak.....	43,405	89,040	Ariz.....	5,568	5,860	N.H.....	1,116	714
N. Dak.....	65,218	129,720	N.Y.....	9,072	6,910	Mass.....	1,336	837
Okla.....	66,909	123,293	Tenn.....	28,645	20,674	P.R.....	894	642
Colo.....	21,863	45,835	Oreg.....	12,875	19,336	Conn.....	894	394
Ill.....	71,463	49,235	N.C.....	38,731	15,547	Del.....	1,352	1,751
Ark.....	36,801	40,125	Wyo.....	4,305	9,801	Alaska.....	115	351
Mont.....	25,445	83,685	Ky.....	25,205	14,347	R.I.....	232	155
Mo.....	87,816	105,402	S.C.....	13,045	15,929	V.I.....	14	15
Wisc.....	17,560	16,877	Pa.....	14,668	11,878	Undistributed.....		2,768
Idaho.....	16,926	29,495	Va.....	18,438	10,818			
N. Mex.....	9,574	24,975	Fla.....	6,314	10,992			
La.....	13,284	15,436	Maine.....	2,522	2,343			
Ind.....	50,547	27,890	Utah.....	5,630	7,818			
						Total.....	1,315,742	1,920,159

Agricultural Stabilization and Conservation Service.

Table 668.—Agricultural, Stabilization and Conservation Service program: Payments to producers, by program and commodity, United States, 1977-81

Program and commodity	1977	1978	1979	1980	1981
	<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>
Feed grain.....	187,288	1,172,070	493,952	382,061	242,950
Rice.....	130,253	2,624	58,751	1,948	1,751
Wheat.....	887,307	962,653	113,541	211,344	624,546
Cotton, upland.....	88,539	126,677	184,949	171,762	221,964
Cotton, extra-long staple.....	452				
Sugar.....	3	<sup>1 2</sup> (1)			
Wool and mohair.....	7,056	28,793	35,995	31,030	37,808
Milk indemnity.....	41	78	54	51	40
Beekeepers indemnity.....	3,461	4,904	2,872	1,588	
Cropland adjustment.....	<sup>1 2</sup> (3)				
Appalachian region conservation.....	48	45	233	455	118
Agricultural conservation (REAP, RECP).....	181,800	178,246	156,435	176,561	176,629
Forestry incentive.....	10,982	12,721	15,129	17,288	16,864
Emergency conservation measures.....	16,465	16,215	23,343	22,163	9,494
Drought and flood conservation.....	116,148	30,332	2,988	276	6
Waterbank.....	4,578	5,587	7,219	8,503	9,824
Miscellaneous.....	<sup>1 2</sup> (64)	<sup>1 2</sup> (179)			
Hay and cattle transportation payments.....	34,011	<sup>1 2</sup> (251)			
Emergency feed.....	16,543	163,998	58,649	86,846	266,677
Emergency livestock feed.....	56,751				
Extended storage.....			225,950	160,353	309,597
Potato diversion.....			24,159	1,105	
Grand total.....	1,741,659	2,704,512	1,404,219	1,273,334	1,918,268

<sup>1</sup>Prior year adjustments.<sup>2</sup>Credit.

Agricultural Stabilization and Conservation Service.

**Table 669.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions): Number of farms and payees, producer net payment, production for payment, and average payment per farm and per payee, United States, 1980 and 1981 programs**

Item	Unit	Total all commodities (net)	Feed grains				Wheat	Cotton	Rice
			Total (net)	Corn	Grain sorghum	Barley			
<b>Section I: Total farm data</b>									
<b>1980 PROGRAM</b>									
Farms.....	Number.....	423,571	286,625	209,600	72,648	18,102	87,967	85,283	644
Payees.....	Number.....	679,089	436,557	302,671	126,581	26,742	142,756	156,721	2,020
Producer net payment.....	Dollars.....	944,225,513	412,321,868	279,634,470	101,451,894	31,235,512	228,220,061	301,439,994	2,243,576
Production for payment.....	Bushels/pounds <sup>1</sup> .....			247,644,102	81,947,955	25,168,908	129,332,563	545,846,075	70,999,302
Average payment per farm.....	Dollars.....	2,229	1,439	1,334	1,396	1,726	2,594	3,535	3,484
Average payment per payee.....	Dollars.....	1,390	944	924	801	1,168	1,599	1,923	1,111
<b>1981 PROGRAM (AS OF MAY 17, 1982)</b>									
Farms.....	Number.....	209,105	94,209	65,388	21,491	9,982	95,694	32,400	34
Payees.....	Number.....	342,543	135,357	88,305	35,972	14,621	169,286	58,665	91
Producer net payment.....	Dollars.....	432,584,601	137,850,080	89,904,045	33,239,334	14,706,720	219,945,059	74,486,865	302,622
Production for payment.....	Bushels/pounds <sup>1</sup> .....			83,479,202	27,872,121	11,535,793	115,479,847	315,354,992	8,500,598
Average payment per farm.....	Dollars.....	2,069	1,463	1,375	1,547	1,473	2,298	2,299	8,901
Average payment per payee.....	Dollars.....	1,263	1,018	1,018	924	1,006	1,299	1,270	3,326
<b>Section II: Prevented planting farm data</b>									
<b>1980 PROGRAM</b>									
Farms.....	Number.....	5,461	4,387	3,318	580	524	983	219	11
Payees.....	Number.....	7,329	5,644	4,022	873	798	1,452	394	31
Producer net payment.....	Dollars.....	8,481,115	5,594,208	3,529,995	1,253,286	810,927	1,848,464	880,636	157,818
Production for payment.....	Bushels/pounds <sup>1</sup> .....			4,664,366	1,512,030	956,100	1,532,474	4,516,079	4,994,251
Average payment per farm.....	Dollars.....	1,553	1,275	1,064	2,161	1,548	1,880	4,021	14,347
Average payment per payee.....	Dollars.....	1,557	991	878	1,436	1,016	1,273	2,235	5,091
<b>1981 PROGRAM (AS OF MAY 17, 1982)</b>									
Farms.....	Number.....	18,150	17,505	14,211	3,123	334	507	214	7
Payees.....	Number.....	26,946	25,885	20,589	5,028	481	737	414	29
Producer net payment.....	Dollars.....	27,883,516	25,945,594	20,541,932	4,817,288	586,368	1,233,224	451,885	252,812
Production for payment.....	Bushels/pounds <sup>1</sup> .....			25,677,426	5,667,394	673,989	971,043	1,913,145	7,101,468
Average payment per farm.....	Dollars.....	1,556	1,482	1,445	1,543	1,756	2,432	2,112	36,116
Average payment per payee.....	Dollars.....	1,035	1,002	998	958	1,219	1,673	1,092	8,718

		Section III: Low yield farm data							
<b>1980 PROGRAM</b>									
Farms.....	Number.....	419,479	282,693	206,446	72,205	17,697	87,454	85,214	640
Payees.....	Number.....	673,810	431,577	298,840	125,905	26,142	141,982	156,614	2,010
Producer net payment.....	Dollars.....	935,744,397	406,727,668	276,104,476	100,198,610	30,424,595	226,371,599	300,559,362	2,085,758
Production for payment.....	Bushels/pounds <sup>1</sup> .....			242,979,734	80,435,921	24,212,808	127,800,090	541,329,996	66005,051
Average payment per farm.....	Dollars.....	2,231	1,439	1,337	1,388	1,721	2,588	3,527	3,259
Average payment per payee.....	Dollars.....	1,389	942	924	796	1,164	1,594	1,919	1,038
<b>1981 PROGRAM AS OF MAY 1, 1982</b>									
Farms.....	Number.....	194,121	78,612	52,464	18,711	9,725	95,288	32,234	27
Payees.....	Number.....	320,097	112,104	69,447	31,461	14,248	168,688	58,343	62
Producer net payment.....	Dollars.....	404,701,099	111,904,512	69,362,103	28,422,039	14,120,356	218,711,833	74,034,979	49,810
Production for payment.....	Bushels/pounds <sup>1</sup> .....			57,801,784	22,204,730	10,861,807	114,508,805	313,441,847	1,399,130
Average payment per farm.....	Dollars.....	2,085	1,424	1,322	1,519	1,452	2,295	2,297	1,845
Average payment per payee.....	Dollars.....	1,264	998	999	903	991	1,297	1,269	803

<sup>1</sup>Feed grains and wheat are expressed in bushels; cotton is expressed in pounds.

Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

**Table 670.—Feed Grain, Wheat, Rice, and Cotton Programs (Disaster Provisions):  
Disaster Payments, by States, 1979-81**

State	1979 Program				1980 Program				1981 Program <sup>1</sup>			
	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice	Feed grain	Wheat	Cotton	Rice
	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
Ala.....	191	13	825	.....	4,801	359	3,385	.....	1,414	50	1,514	.....
Alaska.....	.....	.....	.....	.....	51	.....	.....	.....	249	2	.....	.....
Ariz.....	70	162	865	.....	283	16	252	.....	52	14	156	.....
Ark.....	30	546	4,192	132	6,296	726	16,660	190	636	1,217	4,540	29
Calif.....	357	604	269	7	1,071	1,954	169	8	864	950	100	.....
Colo.....	1,266	5,734	.....	.....	1,883	1,995	.....	.....	2,281	9,406	.....	.....
Conn.....	4	.....	.....	.....	( <sup>2</sup> )	.....	.....	.....	.....	.....	.....	.....
Del.....	6	4	.....	.....	717	19	.....	.....	703	13	.....	.....
Fla.....	386	1	3	.....	1,834	317	16	.....	3,208	10	91	.....
Ga.....	890	42	790	.....	13,273	138	5,708	.....	7,700	156	2,941	.....
Idaho.....	831	2,247	.....	.....	830	804	.....	.....	1,660	1,636	.....	.....
Ill.....	329	372	.....	.....	30,208	109	.....	.....	7,240	761	.....	.....
Ind.....	1,686	87	.....	.....	9,842	86	.....	.....	9,394	271	.....	.....
Iowa.....	308	27	.....	.....	14,599	109	.....	.....	5,140	259	.....	.....
Kans.....	2,077	9,115	.....	.....	58,887	13,861	( <sup>2</sup> )	.....	8,828	86,873	.....	.....
Ky.....	207	38	.....	.....	8,130	52	.....	.....	2,044	150	.....	.....
La.....	21	23	217	113	275	275	14,019	929	200	66	7,337	272
Maine.....	29	.....	.....	.....	4	.....	.....	.....	6	.....	.....	.....
Md.....	26	6	.....	.....	2,310	37	.....	.....	141	24	.....	.....
Mass.....	7	.....	.....	.....	15	.....	.....	.....	10	.....	.....	.....
Mich.....	603	82	.....	.....	3,595	265	.....	.....	2,745	171	.....	.....
Minn.....	3,021	1,878	.....	.....	11,693	21,778	.....	.....	8,473	3,050	.....	.....
Miss.....	33	70	2,215	17	1,002	389	13,537	109	132	182	2,804	.....
Mo.....	506	1,196	1,104	1	56,140	628	4,133	.....	12,325	14,403	5,958	1
Mont.....	1,082	8,636	.....	.....	4,721	40,599	.....	.....	2,988	11,571	.....	.....
Nebr.....	2,620	7,509	.....	.....	32,022	2,778	.....	.....	7,131	5,490	.....	.....
Nev.....	4	3	.....	.....	9	2	.....	.....	232	45	3	.....
N.H.....	.....	.....	.....	.....	6	.....	.....	.....	1	.....	.....	.....
N.J.....	1	5	.....	.....	673	( <sup>2</sup> )	.....	.....	28	2	.....	.....
N. Mex.....	1,255	2,128	3,351	.....	6,104	3,583	2,526	.....	2,687	5,546	1,932	.....
N.Y.....	189	6	.....	.....	149	19	.....	.....	317	29	.....	.....
N.C.....	295	6	279	( <sup>2</sup> )	7,184	83	751	( <sup>2</sup> )	3,118	788	150	.....
N. Dak.....	1,481	7,632	.....	.....	21,923	85,309	.....	.....	2,677	9,512	.....	.....
Ohio.....	155	54	.....	.....	3,072	265	.....	.....	13,738	285	.....	.....
Okla.....	648	1,831	498	.....	4,357	8,674	23,357	9	1,255	29,883	4,081	.....
Oreg.....	87	371	.....	.....	3	78	.....	.....	128	866	.....	.....
Pa.....	56	22	.....	.....	7,711	27	.....	.....	332	16	.....	.....
R.I.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
S.C.....	283	17	378	.....	5,366	62	3,420	.....	4,784	250	205	.....
S. Dak.....	1,829	13,513	.....	.....	29,229	19,245	.....	.....	12,085	11,925	.....	.....
Tenn.....	112	428	3,032	.....	9,405	151	3,173	.....	697	153	1,390	.....
Tex.....	8,181	3,855	87,383	688	40,507	21,527	208,870	462	7,478	22,847	41,286	1
Utah.....	124	733	.....	.....	102	235	.....	.....	209	220	.....	.....
Vt.....	( <sup>2</sup> )	.....	.....	.....	7	1	.....	.....	37	.....	.....	.....
Va.....	310	28	2	.....	8,105	44	3	.....	238	44	.....	.....
Wash.....	50	2,248	.....	.....	67	459	.....	.....	590	425	.....	.....
W. Va.....	3	( <sup>2</sup> )	.....	.....	9	.....	.....	.....	60	2	.....	.....
Wis.....	1,812	9	.....	.....	1,943	74	.....	.....	1,357	23	.....	.....
Wyo.....	100	785	.....	.....	166	675	.....	.....	239	362	.....	.....
U.S. <sup>3</sup> .....	33,563	72,067	105,401	957	410,580	227,805	299,978	1,708	137,850	219,945	74,487	303

<sup>1</sup>Data through May 1, 1982.

<sup>2</sup>\$500 or less.

<sup>3</sup>Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 671.—Commodity Credit Corporation: Loans made in fiscal year 1981, by States and Territories <sup>1</sup>

State of Territory	Barley	Corn	Cotton	Sorghum	Peanuts	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
Ala.....		643	620	2			3,730	1,889	6,384
Alaska.....									
Ariz.....		1,052	121,547	21	2		374	471	123,487
Ark.....		91	2,406	599			27,977	11,840	42,413
Calif.....	1,653	227	314,568				7,503	1,898	325,849
Colo.....	1,459	20,452		1,333			68,892	3,727	95,863
Conn.....		5						24	29
Del.....		919					194	33	1,146
Fla.....		842		57	1,806		64	3,150	5,919
Ga.....	70	8,139	429	15	48,436		7,873	2,537	67,499
Idaho.....	11,950	158					84,873	4,952	101,933
Ill.....		319,515		602			24,177	16,952	361,246
Ind.....	23	157,318		58			6,737	10,540	174,676
Iowa.....	24	519,094		298			563	41,072	561,051
Kans.....	40	22,449		20,356			354,557	3,538	400,940
Ky.....	23	12,933		130		1,132	5,465	2,263	21,946
La.....			1,245	42			1,387	2,859	5,533
Maine.....	8	37						628	673
Md.....	82	10,383					622	545	11,632
Mass.....						122		16	138
Mich.....	85	67,497		70			8,001	9,989	85,042
Minn.....	24,096	242,892		59			131,002	35,155	433,204
Miss.....		56	16,202	96			3,995	2,570	22,919
Mo.....	36	29,624	122	4,844			38,992	5,712	79,330
Mont.....	10,290		263				108,225	3,040	121,818
Nebr.....	60	266,400		22,667			80,995	18,089	388,211
Nev.....	41						712	55	808
N.H.....								61	61
N.J.....	3	1,806					175	298	2,282
N. Mex.....	49	534	9,799	466	104		6,045	305	17,302
N.Y.....	115	28,431					4,439	6,041	39,026
N.C.....	176	7,668		66	39	208,301	3,309	1,085	220,644
N. Dak.....	23,177	8,230		13			168,926	12,436	212,782
Ohio.....	1	87,413		10			6,242	9,129	102,795
Okla.....	17	96	4,176	2,567			128,678	1,858	137,392
Oreg.....	1,425						56,546	2,137	60,108
Pa.....	150	11,911		16			1,115	3,858	17,050
P.R.....						1,636			1,636
SC.....	54	3,221	54				2,564	326	6,219
S. Dak.....	5,840	32,809		2,261			85,458	9,402	135,770
Tenn.....		4,079	211	143		1,928	8,370	1,580	16,311
Texas.....	20	18,908	75,355	74,886	3,051		80,909	47,063	300,192
Utah.....	432	157					6,177	483	7,249
Vt.....	409							314	723
Va.....	20	5,923		9	14,728	244	3,098	1,363	25,385
Wash.....	4,044	5,555					130,924	3,900	144,423
W. Va.....		715					9	103	827
Wis.....	253	92,389				291	1,241	21,296	115,470
Wyo.....	28	278					6,945	526	7,777
Total.....	86,153	1,990,849	549,997	131,686	68,166	213,654	1,668,080	305,508	5,011,093

<sup>1</sup> Loans made directly by Commodity Credit Corporation. 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 loans.

Agricultural Stabilization and Conservation Service.

Table 672.—Fruit, vegetable, and tree nut marketing agreement and order programs

Program	Estimated number of commercial producers	Farm value
	<i>Number</i>	<i>1,000 dollars</i>
Citrus fruits (1980-81 season):		
California and Arizona Navel and miscellaneous oranges .....	3,920	157,373
California and Arizona Valencia oranges .....	3,700	138,064
California Desert grapefruit.....	225	19,426
California and Arizona lemons.....	2,400	124,250
Florida oranges, grapefruit, tangerines, and tangelos <sup>1</sup> .....	13,750	1,362,449
Florida limes.....	160	13,320
Texas oranges and grapefruit.....	2,900	47,628
Deciduous fruits (1981 season):		
California Bartlett pears, plums, and freestone peaches .....	2,600	178,589
California nectarines .....	675	41,678
California olives .....	1,250	28,896
California Tokay grapes.....	400	30,106
Colorado.....	150	3,300
Florida avocados .....	190	16,293
Georgia peaches.....	100	14,750
Washington apricots.....	200	771
Washington sweet cherries.....	1,125	41,470
Washington peaches.....	400	4,720
Washington, Oregon, and California winter pears.....	1,450	62,032
Washington and Oregon Bartlett pears.....	1,900	32,968
Washington and Oregon prunes.....	400	5,152
Cranberries.....	850	88,363
Tart cherries.....	3,300	52,569
Hawaiian papayas.....	180	12,531
Dried fruits (1981 season):		
California dates.....	143	14,722
California dried prunes .....	2,000	104,640
California raisins.....	4,800	329,205
Vegetables (1980-81 season):		
Florida celery.....	23	44,613
Florida tomatoes.....	195	254,744
Idaho and eastern Oregon onions.....	350	71,268
Texas lettuce.....	40	5,659
South Texas melons.....	72	43,970
South Texas onions.....	175	69,930
Texas tomatoes.....	30	3,890
Potatoes (1980-81 season):		
Colorado.....	260	84,296
Idaho and eastern Oregon .....	2,150	466,857
Maine.....	1,211	180,960
Oregon and Northern California.....	464	122,523
Southeastern States (Virginia-North Carolina).....	160	36,940
Washington.....	350	193,314
Nuts (1981 season):		
California almonds.....	7,091	291,100
California walnuts.....	9,000	225,322
Oregon Washington filberts .....	1,081	11,665
Peanuts <sup>2</sup> .....	65,300	833,303
Hops (1981 season).....	224	120,211
Spearment oil (1981 season) <sup>3</sup> .....	250	14,572
Total (47 Programs).....	( <sup>4</sup> )	6,000,402

<sup>1</sup>Includes Indian River and Interior grapefruit programs.

<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 regulating the handling of spearment oil produced in the states of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. Farm value represents a two State value for Idaho and Washington.

<sup>4</sup>Total not shown because of duplication by producers growing more than one commodity.

Agricultural 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 area 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 673.—Agricultural Conservation Program and Emergency Conservation Program: Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, by program years, 1965-78 and fiscal years 1979-81**

Year	Agricultural Conservation Program <sup>2</sup>	Emergency Conservation Program	Total
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
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
1970.....	181,186	8,536	189,722
1971.....	146,706	15,124	161,831
1972.....	196,753	4,232	200,985
1973.....	195,600	24,930	220,529
1974.....	74,475	8,560	83,035
1975.....	138,700	7,405	146,105
1976.....	134,731	15,142	149,873
1977.....	175,347	18,952	194,299
1978.....	180,940	16,318	197,258
1979 <sup>3</sup> .....	245,843	23,418	269,261
1980.....	183,686	21,818	205,504
1981.....	193,209	15,410	208,619

<sup>1</sup> From 1971 to 1973, the Rural Environmental Assistance Program was successor to the Agricultural Conservation Program. In 1974, the Rural Environmental Conservation Program was successor to REAP. In 1975, ACP was successor to RECP.

<sup>2</sup> Excludes administrative expenses. Includes Naval Stores Conservation Program, 1964-72. Includes Forestry Incentive Program in 1974, and Long-Term Agreements from 1975.

<sup>3</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

Table 674.—Agricultural Conservation Program: and Emergency Conservation Program Participation and assistance, by States and Caribbean area, 1981 fiscal year

State or Territory	Participating farms	Area served	Assistance			Emergency conservation program		
			Regular	Long term	Total assistance	Participating farms	Area served	Assistance
			Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars	Number
Ala.....	8,383	257	4,812	299	5,111	1,153	72	1,537
Alaska.....	88	15	118	76	194			
Ariz.....	657	331	1,769	193	1,962	56	20	776
Ark.....	6,830	241	3,701	355	4,056			
Calif.....	2,014	209	4,411	506	4,917	516	81	2,069
Colo.....	2,581	557	5,268	399	5,667	36	9	156
Conn.....	1,237	29	324	46	370	13	( <sup>1</sup> )	14
Del.....	504	20	261	22	283			
Fla.....	4,785	210	3,120	292	3,412	186	76	219
Ga.....	10,150	243	4,898	307	5,205	69	3	42
Hawaii.....	231	44	437	45	482	46	12	194
Idaho.....	1,425	124	2,184	184	2,368	190	38	425
Ill.....	5,679	201	5,874	1,095	6,969	205	8	247
Ind.....	4,631	156	4,419	467	4,886	122	6	78
Iowa.....	9,072	239	7,252	685	7,937	913	28	539
Kans.....	5,451	380	5,231	410	5,641	91	16	84
Ky.....	10,221	210	4,774	412	5,186			
La.....	7,331	300	3,400	387	3,787	15	( <sup>1</sup> )	29
Maine.....	1,370	35	1,812	168	1,980	25	1	21
Md.....	1,028	22	768	93	861	1	( <sup>1</sup> )	4
Mass.....	1,020	26	494	34	528	8	( <sup>1</sup> )	6
Mich.....	3,735	339	4,286	269	4,555	402	6	232
Minn.....	6,401	221	5,617	535	6,152	105	17	76
Miss.....	9,206	210	4,586	339	4,925	155	15	128
Mo.....	10,274	311	6,586	412	6,998	1,440	115	1,006
Mont.....	2,443	933	3,407	329	3,736	630	924	1,582
Nebr.....	5,089	523	4,607	512	5,119	88	9	112
Nev.....	282	63	562	94	656	44	27	53
N.H.....	707	17	555	54	609	3	( <sup>1</sup> )	7
N.J.....	1,265	53	489	37	526	10	( <sup>1</sup> )	43
N. Mex.....	1,248	541	1,610	288	1,898	126	154	187
N.Y.....	5,231	114	3,796	628	4,424	9	( <sup>1</sup> )	11
N.C.....	29,571	415	3,905	282	4,187	7	( <sup>1</sup> )	3
N. Dak.....	6,491	520	3,262	163	3,425	194	77	275
Ohio.....	7,692	196	4,665	369	5,034	131	3	120
Okla.....	6,195	432	4,812	411	5,223	115	13	122
Oreg.....	1,998	187	3,142	322	3,464	253	13	164
Pa.....	4,233	82	3,536	420	3,956	65	1	55
R.I.....	114	5	86	0	86			
S.C.....	7,216	149	2,681	203	2,884			
S. Dak.....	5,544	563	3,077	259	3,336	621	416	570
Tenn.....	11,307	174	3,991	441	4,432	190	7	239
Tex.....	15,133	1,677	13,872	1,197	15,069	567	170	968
Utah.....	1,152	130	1,536	1,086	2,622	99	15	172
Vt.....	1,501	41	1,004	102	1,106	17	( <sup>1</sup> )	27
Va.....	8,877	134	2,674	240	2,914	45	1	33
Wash.....	2,134	154	3,252	370	3,622	601	61	1,845
W. Va.....	6,395	90	2,048	193	2,241	16	1	9
Wis.....	6,721	163	4,632	403	5,035	390	13	378
Wyo.....	879	301	1,491	296	1,787	27	8	54
U.S.....	259,322	12,587	165,094	16,679	181,773	9,995	2,436	14,911
P.R.....	928	11	615	38	653	38	5	58
V.I.....	15	1	18	0	18			
Total.....	260,265	12,599	165,727	16,717	182,444	10,033	2,441	14,969

<sup>1</sup>500 acres or less.

Agricultural Stabilization and Conservation Service. Totals are the sum of rounded data.



**Table 675.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1981 fiscal year**

State or Territory	Regular annual agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala.....	1,209	41,441	174	43	9,464		
Alaska.....	2				230		
Ariz.....				5		160	32,645
Ark.....	211	13,304		898	175		39,216
Calif.....	4,486	1,978	110	189		571	95,420
Colo.....	2,224	4,791	469	78	1,448	1,133	139,318
Conn.....	104	264		4	201		
Del.....	20	7,549	3	23	15	286	
Fla.....	104	3,534		68	1,745		6,339
Ga.....	648	12,233	149	3	16,563		
Hawaii.....	359			29	48	985	420
Idaho.....	2,701	12,209		42	3,095	74	43,620
Ill.....	1,805	41,061	5,180	812	61,677	346	
Ind.....	1,829	10,826	114	1,405	27,526	257	
Iowa.....	847	105,110	1,620	285	26,105	5,540	
Kans.....	6,272		792	188	107,773	1,439	15,837
Ky.....	2,380	50,113	143	128	10,415		
La.....			3	1,497	1,403		21,852
Maine.....	2,105	1,482	9	26	2,395	11	
Md.....	1,007			35	2,152		
Mass.....	22	30		7	24		264
Mich.....	2,481	149,352	18,544	360	8,321	2,639	
Minn.....	3,308	12,987	3,251	303	60,940	48,920	
Miss.....	2,250	11,598	550	1,892	1,150		
Mo.....	3,247	32,793	334	46	20,295	8	
Mont.....	2,241	10,761	6	12	8,927	3,700	84,179
Nebr.....	3,528	1,316	37	157	41,390	15,071	32,001
Nev.....				1			23,661
N.H.....	297	53	39	5	164		
N.J.....	161	442		4	860	166	189
N. Mex.....	1,553	250		228		5	32,533
N.Y.....	3,680	14,494		32	1,896	55	47
N.C.....	419	38,611	3	17	8,345	30	
N. Dak.....	2,573	3,841	2,930	5	15,093	81,356	351
Ohio.....	752	29,434	436	4,195	42,846	541	
Okla.....	20,828	160	322	403	53,497	675	8,739
Oreg.....	3,634	7,245	2	120	6,085	20	16,424
Pa.....	4,496	2,351	54	82	8,380	6	
R.I.....	11	16			62		
S.C.....	157	17,546	110	1	2,039	30	
S. Dak.....	650		7,318	1	4,680	32,316	1,598
Tenn.....	2,920	16,657	32	785	3,459		
Tex.....	14,711			254	50,942	12	134,424
Utah.....	1,070			6			39,866
Vt.....	1,171	82	1,110	6	241		
Va.....	176	7,215	23	7	3,368		
Wash.....	2,061	30,246	47	74	12,821	804	19,638
W. Va.....	298	102	11	3	1,138		
Wis.....	3,431	19,402	1,276	131	41,554	952	
Wyo.....	40					330	39,101
U.S.....	110,479	712,879	45,201	15,295	670,947	198,438	827,682
P.R.....	80						
V.I.....							
Total.....	110,559	712,879	45,201	15,295	670,947	198,438	827,682

Table 675.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1981 fiscal year—Continued

State or Territory	Regular annual agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
Ala.....	19,995	25,461	3,569	775	165		12,619
Alaska.....	770	750			1		
Ariz.....	420	71,101			62		
Ark.....	21,208	42,335	768	912	1,499		161
Calif.....	1,745	16,228	403	255	21		
Colo.....	6,318	21,406		131	43	2,281	18,919
Conn.....	1,111	1,279	142	2,184		38	
Del.....	267	46	15	15	17	34	
Fla.....	17,519	25,230	5,376	1,455	14		2,386
Ga.....	23,475	41,900	3,913	2,375	188		18,744
Hawaii.....	867	11,928	13		7		1,663
Idaho.....	9,151	20,856	120	86	9	1,221	1,765
Ill.....	6,627	5,404	170	1,063	171	2,369	12,875
Ind.....	7,116	7,074	542	3,746	191		6,633
Iowa.....	15,883	22,351	214	412	256	6,275	24,458
Kans.....	7,025	4,729	5	217	159		88,451
Ky.....	29,426	23,225	424	2,132	334	515	670
La.....	13,949	35,699	51	71	207		
Maine.....	3,005	1,739	1,008	1,927		453	39
Md.....	1,056	1,699	715	611	35	1,024	
Mass.....	1,680	1,046	15	1,099	10	15	
Mich.....	25,084	2,790	4,804	2,512	15	697	
Minn.....	13,112	2,067	3,079	4,300	466	6,452	5,115
Miss.....	19,654	58,185	2,084	348	1,172		2,421
Mo.....	33,114	47,284	96	493	980	65	27,766
Mont.....	34,893	204,062	7	627	65	9,961	640
Nebr.....	5,337	14,182	78	170	197	1,544	44,153
Nev.....	1,922	27,659			1		
N.H.....	827	1,881		2,977	3	24	4
N.J.....	2,483	448	40	79	35	53	173
N. Mex.....	796	64,533	15	167	12		320
N.Y.....	18,321	3,698	868	5,094	12	6,592	264
N.C.....	11,585	62,535	1,935	181	66	591	552
N. Dak.....	60,245	3,706	122	25	167	14,206	420
Ohio.....	6,310	22,904	761	1,698	52	694	75
Okla.....	38,657	13,405	184	10	2,324	157	42,985
Oreg.....	7,154	58,919	3,444	4,333	100	98	19,458
Pa.....	14,827	9,677	698	1,998	7	15,191	1,390
R.I.....	125	76	12	47			
S.C.....	4,227	39,048	3,931	11,800	88	51	1,905
S. Dak.....	77,004	15,741		10	130	5,308	7,943
Tenn.....	31,798	55,242	144	7	1,048		5,303
Tex.....	105,711	456,590	1,299	200	1,080		37,596
Utah.....	807	37,629			4		3,481
Vt.....	7,007	6,855	4	4,756	4	198	
Va.....	7,408	49,451	2,633	572	200	623	72
Wash.....	8,483	16,804	1,528	3,079	25	15,949	6,290
W. Va.....	1,229	64,063	202	1,800	77		
Wis.....	32,705	1,891	5,566	4,167	31	16,417	1,578
Wyo.....	3,419	43,949		55	32		
U.S.....	762,857	1,766,760	50,996	71,033	11,736	109,096	399,287
P.R.....	1,651	6,735	202	10	3		
V.I.....	5	585					
Total.....	764,513	1,774,080	51,198	71,043	11,739	109,096	399,287

Table 675.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1981 fiscal year—Continued

State or Territory	Long-term agreements						
	Diversions (area served)	Conservation tillage	Permanent wildlife habitat (area served)	Sediment retention, erosion, or water control structures	Sod waterways (area served)	Windbreaks (area served)	Irrigation water conservation (area served)
	Acres	Acres	Acres	Number	Acres	Acres	Acres
Ala.....	5	222	5	5	1,562		
Alaska.....					50	12,833	
Ariz.....	30						3,564
Ark.....	51			46	18		4,878
Calif.....			90	1			8,207
Colo.....	180			4	150	16	6,778
Conn.....	64	29			41		
Del.....					3		
Fla.....	4			2	90		2,153
Ga.....	70	102		1	1,019		
Hawaii.....							
Idaho.....	55			4	453	10	1,424
Ill.....	182	177		34	2,404	5	
Ind.....	169	105	16	73	1,942	6	
Iowa.....	105		4	19	297	23	
Kans.....	459	274		16	11,888	57	320
Ky.....	370			36	1,209		
La.....				82			5,498
Maine.....	367				228		
Md.....	303				209		
Mass.....				1			15
Mich.....	179	337	272	12	1,735	289	
Minn.....	269	40	195	15	2,038	1,316	
Miss.....	105	32		71	171		
Mo.....	218	40	3	12	2,000		
Mont.....	95			4	162	15	4,565
Nebr.....	387	202		15	2,232	182	973
Nev.....							4,687
N.H.....	38	10			48		
N.J.....	90			1	283	25	98
N. Mex.....	2,500			3	224		3,135
N.Y.....	1,562	180	14	12	897		
N.C.....	78	26	30	1	862		
N. Dak.....	321		58		951	3,046	47
Ohio.....	138	218	57	24	1,567	71	
Okla.....	1,881			53	3,326		475
Oreg.....	147			9	1,116		2,628
Pa.....	1,160	30	11	19	1,379		
R.I.....							
S.C.....		962			266		
S. Dak.....			134	1	258	1,585	709
Tenn.....	121	402	2	67	910		
Tex.....	3,972			8	7,264		6,613
Utah.....	370						9,525
Vt.....	343	25		3	78		
Va.....	62	37			460		
Wash.....	10			3	20	55	3,124
W. Va.....	22				58		
Wis.....	466	173	59	16	5,746	20	
Wyo.....	120						4,343
U.S.....	17,018	3,623	950	673	55,614	19,554	73,759
P.R.....							
V.I.....							
Total.....	17,018	3,623	950	673	55,614	19,554	73,759

Table 675.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1981 fiscal year—Continued

State or Territory	Long-term agreements—Continued						
	Establishing permanent cover	Improving permanent cover	Planting trees	Timber stand improvement	Water impoundment reservoirs	Strip-cropping	Terrace systems (area served)
	Acres	Acres	Acres	Acres	Number	Acres	Acres
Ala.....	1,291	817	113	50	9		699
Alaska.....	160						
Ariz.....	455	1,515			2		
Ark.....	2,254	3,614		31	39		
Calif.....	62	4,753	85	86	1		
Colo.....	1,025	11,250		5	12	197	1,693
Conn.....	12	25	8	31		13	10
Del.....	42						
Fla.....	1,234	3,344	186		1		
Ga.....	1,367	707	464	148	22		830
Hawaii.....	42	459			3		
Idaho.....	404	1,337		20	3	195	1,354
Ill.....	545	504	25	164	13	96	7,371
Ind.....	420	143	10	419	9		2,166
Iowa.....	386	57		17	14		4,788
Kans.....	318	1,011		9	4		8,725
Ky.....	1,490	1,898	16	35	17	154	428
La.....	1,276	1,482	45		4		50
Maine.....	98	17		44		347	
Md.....	112	75			8	334	
Mass.....		12	8	353			5
Mich.....	1,797	260	212	80		102	
Minn.....	973	194	25	60	38	370	1,271
Miss.....	2,076	1,151	122		33		353
Mo.....	1,518	1,372		86	21	36	2,954
Mont.....	2,562	10,741		47		320	
Nebr.....	913	11,124			10	230	5,881
Nev.....	225	276					
N.H.....	74	99		251	2	25	
N.J.....	10				1	8	
N.Mex.....	343	6,414			2		
N.Y.....	796	205	14	191	1	2,876	222
N.C.....	810	620	28		10	155	124
N.Dak.....	4,364	1,139			3	659	80
Ohio.....	380	1,777	74	339	6	95	
Okla.....	5,303	849			67		2,747
Oreg.....	422	3,440	55	509	5		2,144
Pa.....	643	529	4	140	1	1,988	366
R.I.....							
S.C.....	969	580	368		26	401	335
S.Dak.....	3,644	1,091			10	1,105	534
Tenn.....	3,125	3,799	5		71	15	409
Tex.....	4,893	78,378	108		22		7,958
Utah.....	330	9,807			1		320
Vt.....	240	148		9	4	75	
Va.....	913	2,749	61	348	21	117	12
Wash.....	302	567		6	1	56	571
W.Va.....	98	3,887	1	93	8		
Wis.....	750	170	38	38	5	759	340
Wyo.....	1,013	12,856		108	2		
U.S.....	52,479	187,242	2,075	3,717	532	10,728	54,740
P.R.....	46						
VI.....							
Total.....	52,525	187,242	2,075	3,717	532	10,728	54,740

Agricultural Stabilization and Conservation Service.

**Table 676.—Agricultural Conservation Program:<sup>1</sup> Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1972-81 and total 1936-81**

Practice	Unit	1972	1973	1974	1975	1976	1977	1978 <sup>2</sup>	1979 <sup>2</sup>	1980	1981	Total 1936-81
Terrace systems <sup>3</sup> .....	1,000 acres.....	572	404	308	436	335	357	435	574	491	454	36,666
Sod waterways <sup>3</sup> .....	do.....	1,408	1,104	846	1,095	801	894	804	998	740	727	15,072
Conservation tillage systems.....	do.....		33		6	15	30	135	202	377	717	1,515
Stripcropping systems.....	do.....	178	102	14	86	105	124	172	268	112	120	115,331
Establishing permanent vegetative cover.....	do.....	3,186	1,697	309	1,066	1,137	1,213	1,320	1,972	900	817	69,595
Cropland protective cover.....	do.....	3,156	1,482		978	1,033	1,294	1,436	1,534	1,281	1,495	502,851
Improving permanent vegetative cover.....	do.....	4,567	2,662	554	2,041	2,471	2,898	1,798	2,790	1,958	1,961	153,342
Planting trees or shrubs.....	do.....	227	62	211	37	20	33	32	47	49	53	6,029
Timber stand improvement.....	do.....	206	62	197	52	25	43	43	66	62	75	5,189
Permanent wildlife habitat <sup>3</sup> .....	do.....	801	99	162	110	113	120	165	110	36	46	5,155
Water impoundment reservoirs.....	Number.....	47,966	41,777	16,357	19,533	16,504	19,740	16,323	19,136	11,865	12,271	2,422,160
Grazing land protection.....	do.....	15,378	15,123		7,198	5,661	8,166	9,804	14,117	11,573	13,977	491,212
Contour farming.....	1,000 acres.....	22	13		6	13	10	10	25	27	24	139,945
Diversions <sup>3</sup> .....	do.....	344	187	183	174	137	136	142	200	106	128	6,399
Sediment retention, erosion, or water control structures.....	Number.....	19,878	16,170	8,105	8,767	7,726	9,045	9,598	15,404	14,266	15,968	3,365,861

<sup>1</sup> In 1974, the data include the Regular, Long-Term Agreement, and Forestry Incentive Programs. In 1975-81, the data include the Regular and Long-Term Agreement Programs.

<sup>2</sup> Because of the change to fiscal year funding in 1979, data for the period October 1, 1978-December 31, 1978 is included in the 1978 program year and the 1979 fiscal year.

<sup>3</sup> In area served.

Agricultural Stabilization and Conservation Service. Totals are from unrounded data.

**Table 677.—Soil conservation districts: Funds appropriated by State and Local governments for conservation programs, fiscal year ending Sept 30, 1982**

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	<i>1,000 dollars</i>		<i>1,000 dollars</i>
Ala.....	1,577	Nebr.....	17,556
Alaska.....	1,448	Nev.....	42
Ariz.....	536	N.H.....	343
Ark.....	3,075	N.J.....	4,525
Calif.....	4,494	N. Mex.....	892
Colo.....	563	N.Y.....	5,158
Conn.....	3,582	N.C.....	8,372
Del.....	1,430	N. Dak.....	1,974
Fla.....	1,656	Ohio.....	9,020
Ga.....	5,237	Okla.....	3,976
Hawaii.....	3,558	Oreg.....	648
Idaho.....	2,993	Pa.....	2,250
Ill.....	2,848	R.I.....	14
Ind.....	4,334	S. C.....	3,538
Iowa.....	9,550	S. Dak.....	792
Kans.....	3,106	Tenn.....	1,846
Ky.....	1,429	Tex.....	6,871
La.....	4,443	Utah.....	7,624
Maine.....	457	Vt.....	242
Md.....	1,754	Va.....	4,267
Mass.....	1,694	Wash.....	618
Mich.....	2,791	W. Va.....	1,437
Minn.....	7,314	Wis.....	6,758
Miss.....	1,616	Wyo.....	508
Mo.....	2,549	Caribbean <sup>1</sup> .....	548
Mont.....	1,653	Total.....	169,306

<sup>1</sup> Puerto Rico and Virgin Islands.  
Soil Conservation Service.

**Table 678.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1965-81**

Year <sup>1</sup>	Number districts organized <sup>2</sup>		Total area in districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total
	<i>Number</i>	<i>Number</i>	<i>1,000 acres</i>	<i>1,000 acres</i>
1965.....	18	2,989	14,073	1,753,281
1966.....	6	2,995	15,711	1,768,992
1967.....	15	3,010	13,509	1,782,501
1968.....	2	3,012	15,971	1,798,472
1969.....	5	3,017	8,066	1,806,538
1970.....	9	3,026	4,505	1,811,043
1971.....	1	3,027	13,361	1,824,404
1972.....	-3	3,024	11,213	1,835,617
1973.....	-62	2,962	375,493	2,211,110
1974.....	-13	2,949	657	2,211,767
1975.....	-5	2,944	1,968	2,213,735
1976.....	-2	2,942	2,450	2,216,185
1977.....	-3	2,939	1,578	2,217,763
1978.....		2,939	-2,735	2,215,028
1979.....		2,939		2,215,028
1980.....	-17	2,922	-36,026	2,178,951
1981.....	3	2,925	7,649	2,186,600

<sup>1</sup> Fiscal years July 1 to June 30 through 1976; Oct. 1 through Sept 30 through 1981.

<sup>2</sup> Totals at the end of each year are net, including corrections and adjustments made during the year.  
Soil Conservation Service.

Table 679.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area and number of farms, cumulative through Sept. 30, 1981

State or Territory	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and number of farms within organized districts	
			Total area	Farms (and ranches)
		<i>Number</i>	<i>1,000 acres</i>	<i>Thousands</i>
Ala.....	Mar. 18, 1939	67	32,454	58
Alaska.....	Mar. 25, 1947	1	375,304	1
Ariz.....	June 16, 1941	31	62,584	8
Ark.....	July 1, 1937	76	33,611	65
Calif. <sup>2</sup> .....	June 26, 1938	127	75,202	56
Colo.....	May 6, 1937	82	61,433	30
Conn.....	July 18, 1945	8	3,132	4
Del.....	Apr. 2, 1943	3	1,266	3
Fla.....	June 10, 1937	60	33,866	31
Ga.....	Mar. 23, 1937	34	37,681	56
Hawaii.....	May 19, 1947	15	4,089	4
Idaho.....	Mar. 9, 1939	51	52,654	26
Ill.....	July 9, 1937	98	29,095	111
Ind.....	Mar. 11, 1937	92	23,102	89
Iowa.....	July 4, 1939	100	36,012	126
Kans.....	Apr. 10, 1937	105	52,649	74
Ky.....	June 11, 1940	121	25,377	102
La.....	July 27, 1938	38	28,102	31
Maine.....	Mar. 25, 1941	16	17,539	7
Md.....	June 1, 1937	24	6,273	19
Mass.....	June 28, 1945	16	5,011	5
Mich.....	July 23, 1937	84	37,241	60
Minn.....	Apr. 26, 1937	92	27,798	99
Miss.....	Apr. 4, 1938	82	30,269	54
Mo.....	July 23, 1943	110	42,154	113
Mont. <sup>3</sup> .....	Feb. 28, 1939	59	89,724	23
Nebr.....	May 18, 1937	24	48,982	64
Nev.....	Mar. 30, 1937	30	70,605	2
N.H.....	May 10, 1945	10	5,955	3
N.J.....	July 1, 1937	16	4,813	10
N. Mex. <sup>4</sup> .....	Mar. 17, 1937	47	69,008	22
N.Y.....	July 20, 1940	57	30,489	43
N.C.....	Mar. 22, 1937	94	31,236	89
N. Dak.....	Mar. 16, 1937	62	45,149	43
Ohio.....	June 5, 1941	88	26,383	95
Okla.....	Apr. 15, 1937	89	43,726	72
Oreg.....	Apr. 7, 1939	47	60,603	33
Pa.....	July 2, 1937	66	29,352	59
R.I.....	Apr. 26, 1943	3	677	1
S.C.....	Apr. 17, 1937	46	19,345	29
S. Dak.....	July 1, 1937	69	49,327	40
Tenn.....	Mar. 10, 1939	95	26,450	97
Tex.....	Apr. 24, 1939	201	169,890	174
Utah.....	Mar. 23, 1937	39	49,229	16
Vt.....	Apr. 18, 1939	14	5,935	7
Va.....	Apr. 1, 1938	42	25,630	54
Wash.....	Mar. 17, 1939	52	37,073	29
W. Va.....	June 12, 1939	14	15,411	17
Wis.....	July 1, 1937	72	34,858	90
Wyo.....	May 22, 1941	38	60,560	11
U.S.....		2,907	2,184,308	2,351
P.R.....	July 1, 1946	17	2,189	32
V.I.....	June 1946	1	110	
Total.....		2,925	2,186,600	2,383

<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>Includes the Imperial Irrigation District.

<sup>3</sup>Includes three State cooperative grazing districts.

<sup>4</sup>Includes the Elephant Butte Irrigation District.

**Table 680.—Soil surveys: Total area mapped for conservation planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1981, and cumulative through Sept. 30, 1981**

State or Territory	Soil surveys for farm planning <sup>1</sup>		State or Territory	Soil surveys for farm planning <sup>1</sup>	
	Work during year ending Sept. 30, 1981	Total to date		Work during year ending Sept. 30, 1981	Total to date
	Acres	Acres		Acres	Acres
Ala.....	519,809	21,476,906	Nebr.....	2,090,952	36,297,817
Alaska.....		362,526,820	Nev.....	5,006,389	38,232,217
Ariz.....	1,485,931	26,555,537	N.H.....	198,321	4,236,562
Ark.....	861,824	29,031,363	N.J.....	20,145	4,588,159
Calif.....	1,000,792	58,896,424	N. Mex.....	2,322,436	62,398,884
Colo.....	2,194,937	43,862,414	N. Y.....	535,401	19,603,763
Conn.....		3,132,160	N. C.....	1,938,618	19,788,030
Del.....		1,265,920	N. Dak.....	1,401,061	26,863,779
Fla.....	942,490	19,354,504	Ohio.....	809,128	21,462,373
Ga.....	611,350	32,221,495	Okla.....	421,592	43,741,504
Hawaii.....	2,709	5,378,879	Oreg.....	1,240,466	22,911,429
Idaho.....	2,116,130	23,456,256	Pa.....	379,736	28,148,161
Ill.....	1,352,811	20,161,224	R.I.....		677,120
Ind.....	1,407,660	20,380,304	S. C.....	478,062	17,108,011
Iowa.....	1,241,254	28,483,995	S. Dak.....	2,402,813	39,117,929
Kans.....	1,416,450	47,426,391	Tenn.....	749,345	20,163,087
Ky.....	459,426	19,202,901	Tex.....	2,838,740	142,895,218
La.....	1,317,466	17,190,514	Utah.....	2,450,319	27,394,446
Maine.....	310,570	8,583,208	Vt.....	144,459	3,457,754
Md.....		6,269,053	Va.....	799,713	12,937,994
Mass.....	125,460	4,072,253	Wash.....	1,292,668	29,288,555
Mich.....	1,145,427	19,123,194	W. Va.....	119,765	10,685,034
Minn.....	1,515,960	25,466,805	Wis.....	648,711	25,032,264
Miss.....	569,847	25,439,743	Wyo.....	2,148,168	24,041,802
Mo.....	1,753,750	22,615,892	Caribbean <sup>2</sup> .....		2,200,008
Mont.....	1,285,820	44,961,771	Total.....	54,074,951	1,619,797,326

<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 681.—Land protected from erosion by soil conservation practices: newly applied in soil conservation districts with Soil Conservation Service assistance, fiscal years 1977-81**

Land protected from erosion <sup>1</sup>	Unit	1977	1978	1979	1980	1981
Cropland.....	Acres.....	9,231,893	9,345,656	10,655,173	10,783,285	12,068,921
Pasture and hayland.....	Acres.....	5,219,554	5,092,408	5,458,442	5,307,587	5,457,823
Rang and native pasture.....	Acres.....	30,103,930	23,714,035	24,638,077	23,837,684	25,338,464
Woodland.....	Acres.....	2,128,132	2,015,389	2,298,805	2,014,604	1,825,746
Wildlife.....	Acres.....	2,559,336	2,563,101	2,706,371	2,840,096	2,729,887
Recreation.....	Acres.....	218,596	269,507	209,246	152,438	128,658
All others.....	Acres.....	386,119	771,162	322,511	684,684	249,381
Total land protected.....	Acres.....	39,827,560	43,771,258	46,288,625	45,620,378	47,798,880

<sup>1</sup>Includes practices applied under all programs on which SCS provides technical assistance.

Soil Conservation Service.



Table 682.—Land protected from erosion by soil conservation practices: applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1981

State or Territory	Cropland	Pasture and hayland	Range nature pasture	Woodland	Wildlife	Recreation	Other land	Total land protected
	Acres	Acres	Acres	Acres	Acres	Acres	Acres	Acres
Ala.....	178,115	185,526	188	126,892	31,940	4,401	3,147	530,209
Alaska.....	582	2,934	270,665	2,615			5	276,801
Ariz.....	44,495	3,740	467,400	100	156	1,000	20	516,911
Ark.....	399,809	266,998	43,913	216,715	149,685	1,549	2,821	1,081,490
Calif.....	106,817	35,029	215,216	8,101	57,034	13,824	5,777	441,798
Colo.....	114,072	30,751	518,532	6,514	13,193	460	14,676	698,198
Conn.....	1,840	1,340	24	1,319	499	71	8,693	7,786
Del.....	16,658	302		1,259	4,263	405	87	22,954
Fla.....	85,533	60,773	29,126	81,577	81,476	7,406	9,557	355,448
Ga.....	396,663	179,892	125	134,521	63,565	4,100	2,311	780,682
Hawaii.....	10,189	81,064					301	91,554
Idaho.....	152,583	58,956	155,100	28,803	48,252	495	2,178	446,367
Ill.....	245,695	26,767	20	9,100	11,740	2,633	5,733	301,697
Ind.....	210,698	30,134	117	21,305	39,328	2,747	1,373	305,702
Iowa.....	325,442	24,526	30	3,311	7,073	656	4,597	365,635
Kans.....	585,685	52,752	559,877	637	28,847	1,815	1,753	1,331,366
Ky.....	186,637	113,708		7,839	3,006	320	976	312,486
La.....	390,282	128,451	14,467	127,087	124,454	375	5,311	790,427
Maine.....	28,406	20,091		15,264	10,861	1,708	1,379	77,709
Md.....	29,252	5,937		10,570	13,775	2,628	11,060	73,222
Mass.....	3,237	3,936	4	955	243	187	109	8,671
Mich.....	245,921	31,448	713	32,368	10,481	597	3,233	324,761
Minn.....	291,323	35,603	2,001	5,721	40,215	386	18,860	394,109
Miss.....	246,026	138,357	194	119,288	38,309	941	659	543,774
Mo.....	229,130	188,772	40	25,326	31,779	533	1,588	477,168
Mont.....	267,418	213,446	1,413,509	12,734	6,942		11,304	1,925,353
Nebr.....	693,670	142,546	2,214,169	1,732	545,974	3,216	14,534	3,615,836
Nev.....	17,484	15,053	42,997				804	76,342
N.H.....	3,558	3,240		5,085	1,697	459	214	14,253
N.J.....	25,906	3,472		1,385	1,163	637	5,314	37,877
N. Mex.....	120,765	12,943	1,954,897	3,512	2,546	1,931	3,917	2,100,511
N.Y.....	97,684	35,760	2,766	51,778	6,095	502	2,847	197,432
N.C.....	95,415	34,528	17	16,244	12,905	1,054	1,935	162,098
N. Dak.....	798,652	202,837	506,227	3,150	70,086	2,898	20,861	1,604,720
Ohio.....	169,175	40,254	429	23,655	11,274	2,847	1,662	249,296
Okla.....	746,425	608,440	978,012	23,288	71,715	4,477	1,721	2,434,018
Oreg.....	134,992	39,135	97,118	15,095	7,892	1,073	1,177	296,482
Pa.....	93,477	42,504		88,345	38,786	6,064	6,815	275,991
R.I.....	4	7		10			48	69
S.C.....	59,523	24,042		24,910	5,873	501	411	115,260
S. Dak.....	464,173	258,479	904,071	189	63,515	54	16,696	1,707,177
Tenn.....	202,926	155,253		106,753	1,838	650	976	468,396
Tex.....	3,144,954	1,625,212	13,890,034	335,982	990,128	49,458	37,928	20,073,696
Utah.....	33,184	10,803	83,424			0		127,411
Vt.....	14,187	17,101		4,668	1,317	22	4	37,299
Va.....	66,154	92,387	284	39,518	6,271	766	12,218	217,592
Wash.....	100,975	42,050	103,748	33,791	23,436	71	155	304,226
W. Va.....	8,539	39,673	27	14,084	6,220	1,447	3,825	73,815
Wis.....	109,520	13,103	391	14,369	8,369	418	1,562	147,732
Wyo.....	63,013	71,717	862,245	18,203	35,658	882	1,972	1,053,690
Caribbean <sup>1</sup> .....	12,058	6,546	6,352	70			297	25,323
Total <sup>2</sup> .....	12,068,921	5,457,823	25,338,464	1,825,746	2,729,887	128,658	249,381	47,798,880

<sup>1</sup> Puerto Rico and Virgin Islands.

<sup>2</sup> Includes land protected data shown in table 689, watershed protection and flood prevention projects. Soil Conservation Service.

Table 683.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending Sept. 30, 1981, and cumulative through Sept. 30, 1981

State or Territory	Progress, year ending Sept. 30, 1981			Cumulative through Sept. 30, 1981		
	New SCD cooperators		New conservation plans <sup>1</sup>	SCD cooperators		Conservation plans <sup>2</sup>
	Number	Acres	Acres	Number	Acres	Acres
Ala.....	1,300	273,493	227,788	48,813	9,900,241	9,389,970
Alaska.....	354	13,501,646	92,218	977	23,414,590	5,632,574
Ariz.....	508	2,424,473	734,844	6,244	20,175,975	13,835,049
Ark.....	1,054	282,426	265,594	93,055	19,036,940	18,201,402
Calif.....	677	343,699	217,293	36,156	15,369,330	8,516,729
Colo.....	649	1,025,900	677,418	24,017	30,135,196	21,942,312
Conn.....	73	12,801	11,592	3,675	429,575	271,440
Del.....	46	5,580	6,597	3,691	603,651	429,345
Fla.....	736	448,439	221,062	43,250	13,055,737	9,397,156
Ga.....	1,465	333,861	275,894	90,852	18,954,647	16,380,131
Hawaii.....	98	9,236	14,063	2,331	2,909,556	1,740,365
Idaho.....	400	230,532	293,262	51,561	11,585,731	7,269,447
Ill.....	1,177	247,609	221,099	71,236	13,270,612	8,505,354
Ind.....	1,004	149,166	211,087	70,115	10,486,925	6,782,997
Iowa.....	2,658	538,566	209,942	108,303	21,033,570	14,294,477
Kans.....	1,643	679,259	640,932	94,342	34,547,439	29,220,820
Ky.....	1,932	292,142	212,893	78,011	10,943,994	7,442,361
La.....	1,693	886,425	428,403	46,320	12,584,842	9,489,393
Maine.....	361	69,230	75,230	12,507	2,427,486	1,703,367
Md.....	693	61,590	67,204	22,545	2,877,772	1,859,538
Mass.....	106	11,742	12,905	6,068	777,810	685,218
Mich.....	683	98,077	144,750	61,739	8,323,527	5,952,971
Minn.....	1,764	526,457	418,129	67,894	18,670,612	9,495,342
Miss.....	2,467	574,362	502,858	78,576	16,109,901	13,937,128
Mo.....	2,651	625,153	459,658	59,943	14,786,958	8,745,863
Mont.....	290	671,361	770,649	14,436	43,759,351	32,179,202
Nebr.....	1,605	665,849	611,101	72,312	33,387,827	24,278,326
Nev.....	34	113,757	83,292	2,631	6,130,315	4,145,982
N.H.....	153	14,953	14,244	5,804	1,117,359	672,749
N.J.....	62	8,354	25,306	7,003	969,735	563,849
N. Mex.....	259	1,213,625	905,616	11,954	40,025,129	32,266,568
N.Y.....	1,521	243,664	355,788	50,283	10,953,788	7,841,198
N.C.....	2,894	285,372	240,401	78,140	10,704,774	7,831,418
N. Dak.....	487	418,861	522,693	38,310	32,676,856	27,676,708
Ohio.....	1,973	194,509	122,277	88,847	10,938,375	7,217,979
Okla.....	1,993	814,082	850,505	97,628	30,427,034	29,902,983
Oreg.....	303	234,725	267,086	17,101	12,914,219	8,932,531
Pa.....	1,403	191,424	249,819	60,419	10,799,328	8,700,771
R.I.....	23	2,106	714	1,647	146,490	118,363
S.C.....	1,351	251,419	164,987	37,964	7,144,282	5,684,233
S. Dak.....	392	290,433	549,741	37,464	35,521,868	23,428,335
Tenn.....	1,968	394,670	429,194	68,174	10,133,645	6,456,779
Tex.....	5,050	3,664,821	3,749,908	200,557	114,332,079	112,544,636
Utah.....	55	27,137	214,265	12,169	12,358,325	10,811,225
Vt.....	166	24,851	32,196	11,886	2,384,300	1,625,011
Va.....	2,676	535,849	392,038	45,227	7,612,704	5,506,325
Wash.....	224	103,032	199,391	22,397	11,303,213	7,962,370
W. Va.....	687	111,551	101,431	47,367	7,795,240	4,458,681
Wis.....	1,311	231,219	202,376	49,628	10,204,937	6,479,129
Wyo.....	214	663,467	781,387	7,613	26,306,132	20,736,806
Caribbean <sup>3</sup> .....	243	16,078	20,052	19,484	1,084,997	993,550
Total.....	53,529	35,039,033	14,499,112	2,288,661	823,541,387	630,136,456

<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.

Table 684—Great Plains Conservation Program: Practices applied and cost-shares paid for year ending Sept. 30, 1981 and cumulative 1956-81

Practice	Amount applied			Cost-shares paid	
	Unit	1981	1956-81	1981	1956-81
INITIAL APPLICATION					
Establish permanent vegetative cover.....	Acres.....	47,564	2,923,538	1,124,766	29,462,138
Establish field/wind stripcropping.....	.....do.....	15,287	1,135,371	52,956	1,797,592
Establish contour stripcropping.....	.....do.....	3,928	183,193	3,987	887,912
Establish contour farming.....	.....do.....	12,550	17,531	2,891	7,681
Reestablishing grasslands.....	.....do.....	52,105	2,426,604	1,675,613	30,833,242
Establishment of trees and shrubs.....	.....do.....	5,152	66,766	297,527	3,875,760
Establish permanent waterways.....	.....do.....	5,668	121,675	442,193	7,905,366
Terrace.....	Miles.....	2,597	100,300	2,387,177	33,363,906
Diversions.....	.....do.....	122	6,178	225,080	4,036,805
Grassland mechanical treatment.....	Acres.....	6,399	407,890	23,978	535,871
Dams for erosion control, detention.....	Number.....	265	14,911	321,261	7,086,362
Grade stabilization structures.....	.....do.....	71	8,285	135,865	2,314,522
Streambank protection, etc.....	Linear ft.....	954	330,737	7,076	365,637
Diversion dams and spreader ditches.....	Acres.....	1,547	157,262	286,862	4,501,666
Reorganizing irrigation systems.....	Number.....	278	6,628	550,316	10,641,437
Irrigation land leveling.....	Acres.....	2,283	246,298	229,838	7,874,787
Dams, pits, or ponds for irrigation.....	Number.....	16	898	47,833	907,676
Lining irrigation ditches.....	Linear ft.....	25,680	2,014,975	63,124	1,949,861
Wells.....	Number.....	859	26,872	818,227	15,662,846
Developing springs and seeps.....	.....do.....	157	33,106	78,039	881,246
Constructing dams, pits, or ponds.....	.....do.....	683	49,217	845,791	17,949,960
Pipelines.....	Miles.....	1,475	14,379	2,247,120	17,920,683
Controlling competitive shrubs.....	Acres.....	107,949	6,255,375	787,478	19,166,219
Fences.....	Miles.....	799	22,531	998,829	11,779,129
Critical area treatment.....	Acres.....	1,981	33,312	265,829	2,831,921
Irrigation tailwater recovery system.....	Number.....	21	379	36,412	398,474
Disposal lagoons.....	.....do.....	3,444	3,549	26,135	185,680
Recreation land grading and shaping.....	Acres.....		173		1,370
Water storage facilities.....	Number.....	1,680	15,275	901,159	5,502,505
Catchment basins.....	.....do.....		5		24,552
Shallow water areas.....	.....do.....	7	107	12,548	94,224
Holding ponds and tanks.....	.....do.....	18	246	73,364	645,028
Wheatgrass barriers.....	Linear ft.....	2	8,656	4,439	28,973
REAPPLICATION					
Establish permanent vegetative cover.....	Acres.....	10,900	229,530	267,578	2,600,700
Establish field/wind stripcropping.....	.....do.....		2,154		11,237
Establish contour stripcropping.....	.....do.....		1,823		15,900
Reestablishing grasslands.....	.....do.....	9,812	129,160	301,073	1,891,447
Establishment of trees or shrubs.....	.....do.....	290	4,717	39,788	272,774
Establish permanent waterways.....	.....do.....	422	6,105	35,046	296,982
Terraces.....	Miles.....	40	1,392	22,483	316,983
Diversions.....	.....do.....	1	20	596	8,076
Grassland mechanical treatment.....	Acres.....		220		220
Dams for erosion control, detention.....	Number.....	3	65	3,251	48,520
Grade stabilization structures.....	.....do.....	4	57	21,845	69,616
Streambank protection, etc.....	Linear ft.....		1,961		16,559
Diversion dams and spreader ditches.....	Acres.....	270	4,205	16,088	52,177
Reorganizing irrigation systems.....	Number.....		6	279	7,099
Irrigation land leveling.....	Acres.....		599		11,844
Dams, pits, or ponds for irrigation.....	Number.....		7		3,968
Lining irrigation ditches.....	Linear ft.....		217		163
Wells.....	Number.....	6	102	5,910	55,912
Developing springs and seeps.....	.....do.....		8		2,373
Constructing dams, pits, or ponds.....	.....do.....		102	1,142	44,991
Pipelines.....	Miles.....	2	21	3,524	27,907
Controlling competitive shrubs.....	Acres.....	3,906	86,742	34,153	208,336
Fences.....	Miles.....		9,052		607
Critical area treatment.....	Acres.....	255	2,334	24,551	113,836
Irrigation tailwater recovery system.....	Number.....				372
Water storage facilities.....	.....do.....	742	745	75	3,227
Holding ponds and tanks.....	.....do.....		1	109	1,318
Tall wheatgrass barriers.....	Linear ft.....				67
<b>Total.....</b>				<b>15,751,177</b>	<b>274,509,987</b>

Soil Conservation Service.

Table 685.—Great Plains Conservation Program:<sup>1</sup> Contracts, area, and obligations, by States, year ending Sept. 30, 1981, and cumulative 1956-81

State	Designated counties	Contracts signed				Contracts completed through Sept. 30, 1981	
		1981		1956-81		Number	1,000 acres
	Number	Number	1,000 acres	Number	1,000 acres		
Colo.....	37	48	197	4,861	13,327	3,428	9,685
Kans.....	62	84	57	6,442	4,409	5,297	3,589
Mont.....	40	50	311	2,535	13,705	1,818	9,206
Nebr.....	61	97	215	7,367	10,393	6,166	8,116
N. Mex.....	19	23	271	2,225	17,413	1,702	12,327
N. Dak.....	38	72	114	6,248	8,649	4,933	6,650
Okla.....	43	83	65	7,773	5,563	6,319	4,639
S. Dak.....	52	51	129	3,810	10,182	2,266	6,295
Tex.....	147	189	387	16,483	21,427	2,356	1,625
Wyo.....	19	28	359	61	260	552	3,809
Total.....	518	725	2,405	57,805	105,328	34,837	65,941

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).  
Soil Conservation Service.

## FOOTNOTES FOR TABLE 688

<sup>1</sup> Data may not add to totals because of rounding.

<sup>2</sup> Forest land is land at least 10 percent stocked by forest trees of any size, including land that formerly had such tree cover and that will be naturally or artificially regenerated. Forest land includes transition zones, such as areas between heavily forested and non-forested lands that are at least 10 percent stocked with forest trees, and forest areas adjacent to urban and built-up lands. Also included are Pinyon-juniper and 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 clearing in forest areas are classified as forest if less than 120 feet in width.

<sup>3</sup> Commercial timberland 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. Areas qualifying as commercial timberland have the capability of producing in excess of 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included.

<sup>4</sup> Includes Indian lands.

<sup>5</sup> Includes Alaska.

<sup>6</sup> Includes Hawaii.

Forest Service.

**Table 686.—Watershed protection <sup>1</sup> and flood prevention projects: <sup>2</sup> Works of improvement installed with the assistance of the Soil Conservation Service<sup>3</sup> with watershed protection and flood prevention funds for year ending Sept. 30, 1981**

Item	Unit	P.L. 566 watersheds	Flood prevention watersheds
Projects in operation during year.....	Number.....	592	112
Land protected from erosion:			
Cropland.....	Acres.....	285,513	165,024
Pasture and hayland.....	Acres.....	166,415	170,979
Range and native pasture.....	Acres.....	307,642	320,764
Woodland.....	Acres.....	43,564	14,321
Wildlife.....	Acres.....	40,645	30,637
Recreation.....	Acres.....	7,857	10,189
Other.....	Acres.....	4,502	1,561
Total land <sup>3</sup> .....	Acres.....	856,138	713,475

<sup>1</sup>As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P.L. 566, as amended.

<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>Land protected data included in Table 682 "Land Protected From Erosion by Application of Soil Conservation Practices."

Soil Conservation Service.

**Table 687.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending Sept. 30, 1980 and 1981 and cumulative to Sept. 30, 1981 <sup>1</sup>**

Practices and measures <sup>2</sup>	Unit	Total completed or acquired		
		During year ending Sept. 30, 1980	During year ending Sept. 30, 1981	Cumulative, to Sept. 30, 1981
Fire protection:				
Roads and trails (constructed or rebuilt).....	Miles.....	22	38	1,669
Firebreaks.....	do.....	43	22	3,093
Telephone lines.....	do.....			306
Large water-storage tanks.....	Number.....	2		174
Lookout towers.....	do.....			51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.).....	do.....			159
Pumps.....	do.....	1		32
Radios (mobile and stationary).....	do.....	5		416
Mobile equipment.....	do.....			183
Helispots and heliports.....	do.....	1		452
Stabilization of roadsides.....	Miles.....	213	478	4,203
Revegetation—cover improvement:				
Seeding and planting—trees and shrubs.....	Acres.....	9,492	8,506	907,238
Emergency seeding following fire <sup>3</sup> .....	do.....	683		1,048,981
Mountain channel control:				
Barriers.....	Number.....			1,093
Planting.....	Square yards.....			324,434
Channel clearing <sup>3</sup> .....	Acres.....			495
Channel stabilization.....	Linear feet.....	11,088		1,174,693
Forest management: Owner participation.....	Number.....	11,316	12,680	192,158

<sup>1</sup>Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yazoo, Trinity, Washita, and Little Sioux.

<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 1959 and section 403 of the Agricultural Credit Act of 1978.

Forest Service.

**Table 688.—Forest land: Total forest land and area and ownership of commercial timberland, by regions, Jan. 1, 1977 <sup>1</sup>**

Region	Total forest land <sup>2</sup>	Commercial timberland <sup>3</sup>							
		All owner-ships	Federal			State, county, and municipal <sup>4</sup>	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private
	<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>
New England.....	32,461	30,985	770	706	64	1,317	28,898	9,726	19,172
Middle Atlantic.....	50,686	46,415	1,505	1,338	167	4,554	40,355	3,206	37,149
Lake States.....	51,644	47,579	5,766	5,382	384	12,889	28,944	4,177	24,767
Central.....	42,872	41,163	2,929	2,406	523	803	37,431	805	36,627
North.....	177,662	166,141	10,970	9,831	1,139	19,543	135,628	17,914	117,715
South Atlantic.....	48,710	47,677	3,850	3,026	824	930	42,897	5,811	37,086
East Gulf.....	42,296	40,142	3,033	1,818	1,215	627	36,482	9,637	26,845
Central Gulf.....	51,237	50,657	2,921	2,319	603	1,029	46,707	8,322	38,384
West Gulf.....	64,632	49,569	4,496	3,793	704	844	44,229	12,475	31,755
South.....	206,875	188,046	14,300	10,955	3,346	3,430	170,315	36,245	134,070
Pacific Northwest <sup>5</sup> .....	172,136	53,283	27,516	23,329	4,187	7,667	18,101	9,841	8,260
Pacific Southwest <sup>6</sup> .....	42,138	17,251	8,446	8,168	278	683	8,122	2,687	5,435
Northern Rocky Mtn.....	55,682	33,478	22,408	21,312	1,096	2,414	8,657	2,073	6,584
Southern Rocky Mtn.....	82,065	24,287	15,771	15,124	647	2,575	5,941	28	5,918
West.....	352,021	128,299	74,140	67,933	6,208	13,338	40,821	14,624	26,197
All regions.....	736,558	482,486	99,410	88,718	10,692	36,311	346,764	68,782	277,982

See footnotes on page 500.

**Table 689.—Timber volume: Net volume of growing stock and sawtimber on commercial timberland, by softwoods and hardwoods, and regions, Jan. 1, 1977 <sup>1</sup>**

Region	Growing stock <sup>2</sup>			Sawtimber <sup>3</sup>		
	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>
New England.....	41,848	23,383	18,464	75,507	43,800	31,707
Middle Atlantic.....	56,461	7,606	48,856	101,959	17,094	84,865
Lake States.....	44,517	11,901	32,616	97,766	30,984	66,782
Central.....	30,319	1,684	28,635	83,788	4,625	79,163
North.....	173,145	44,574	128,571	359,021	96,504	262,517
South Atlantic.....	59,988	23,333	36,655	171,401	74,317	97,084
East Gulf.....	40,134	24,405	15,729	112,478	74,078	38,400
Central Gulf.....	51,977	23,555	28,422	162,351	87,903	74,448
West Gulf.....	49,910	25,843	24,067	168,478	104,724	63,754
South.....	202,009	97,136	104,873	614,709	341,023	273,686
Pacific Northwest <sup>4</sup> .....	186,130	173,155	12,975	950,326	911,892	38,434
Pacific Southwest <sup>5</sup> .....	49,870	45,979	3,891	264,716	255,611	9,105
Northern Rocky Mtn.....	68,699	67,942	757	269,646	267,567	2,079
Southern Rocky Mtn.....	31,116	26,993	4,122	120,524	112,812	7,711
West.....	335,814	314,069	21,745	1,605,211	1,547,882	57,329
All regions.....	710,968	455,779	255,189	2,578,940	1,985,408	593,532

See footnotes on page 506.

**Table 690.—Timber volume: Net volume of sawtimber on commercial timberland in the West, by regions and species, Jan. 1, 1977 <sup>1</sup>**

Species	Total West	Pacific Northwest <sup>2</sup>	Pacific Southwest <sup>3</sup>	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.....	514,317	352,954	72,938	74,264	14,160
Ponderosa and Jeffrey pines.....	192,070	68,640	51,300	34,885	37,246
True firs.....	214,540	88,770	71,951	39,551	14,268
Western hemlock.....	256,924	249,397	627	6,873	27
Sugar pine.....	25,001	4,585	20,410		6
Western white pine.....	16,779	5,055	1,245	10,407	72
Redwood.....	22,007	573	21,434		
Sitka spruce.....	50,459	50,191	268		
Engelmann and other spruce.....	78,492	16,318	9	28,157	34,008
Western larch.....	30,322	12,536		17,786	
Western redcedar.....	43,842	33,326	101	10,415	
Incense cedar.....	12,687	3,098	9,583		6
Lodgepole pine.....	71,435	15,061	4,142	40,849	11,383
Other.....	19,009	11,389	1,603	4,381	1,637
<b>Total.....</b>	<b>1,547,882</b>	<b>911,892</b>	<b>255,611</b>	<b>267,567</b>	<b>112,812</b>
<b>Hardwoods:</b>					
Cottonwood and aspen.....	14,179	4,479	52	1,938	7,709
Red alder.....	21,559	21,380	179		
Oaks.....	5,365	935	4,430		
Other.....	16,226	11,639	4,444	141	2
<b>Total.....</b>	<b>57,329</b>	<b>38,434</b>	<b>9,105</b>	<b>2,079</b>	<b>7,711</b>
<b>All species.....</b>	<b>1,605,211</b>	<b>950,326</b>	<b>264,716</b>	<b>269,646</b>	<b>120,524</b>

<sup>1</sup>Net volume in board feet, International  $\frac{1}{4}$ -inch log rule. Data may add to totals because of rounding.

<sup>2</sup>Includes Alaska.

<sup>3</sup>Includes Hawaii.

Forest Service.

**Table 691.—Timber drain: Timber removals and annual mortality of growing stock and sawtimber by softwoods and hardwoods, 1976 <sup>1</sup>**

Roundwood product, logging residues, and mortality	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 <sup>2</sup></i>	<i>Million board feet <sup>2</sup></i>	<i>Million board feet <sup>2</sup></i>
<b>Roundwood products:</b>						
Saw logs.....	6,332	4,987	1,345	37,826	30,478	7,349
Veneer.....	1,322	1,226	96	8,694	8,124	570
Pulpwood.....	3,356	2,350	1,006	9,878	7,314	2,564
Other industrial.....	343	226	117	1,456	1,012	445
Fuelwood.....	334	63	272	698	135	563
<b>Total.....</b>	<b>11,687</b>	<b>8,852</b>	<b>2,835</b>	<b>58,552</b>	<b>47,062</b>	<b>11,490</b>
<b>Logging residues.....</b>	<b>1,398</b>	<b>813</b>	<b>585</b>	<b>3,433</b>	<b>2,277</b>	<b>1,156</b>
<b>Other removals.....</b>	<b>1,143</b>	<b>381</b>	<b>762</b>	<b>3,191</b>	<b>1,508</b>	<b>1,683</b>
<b>Total.....</b>	<b>2,542</b>	<b>1,194</b>	<b>1,347</b>	<b>6,624</b>	<b>3,785</b>	<b>2,839</b>
<b>Mortality.....</b>	<b>3,925</b>	<b>2,303</b>	<b>1,622</b>	<b>12,188</b>	<b>8,765</b>	<b>3,423</b>

<sup>1</sup>Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use. Data may not add to totals because of rounding.

<sup>2</sup>International  $\frac{1}{4}$ -inch log rule.

Forest Service.

Table 692.—Timber volume: Net volume of sawtimber on commercial timberland in the East, by regions and species, Jan. 1, 1977 <sup>1</sup>

Species	Total East	North					South				
		Total	New England	Middle Atlantic	Lake States	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 pines.....	25,662	30,637	14,561	5,215	10,797	64	4,986	3,308	885	793	.....
Jack pine.....	2,864	2,864	.....	.....	2,864	1	.....	.....	.....	.....	.....
Longleaf and slash pines.....	51,811	.....	.....	.....	.....	.....	51,811	4,769	28,634	13,617	4,791
Loblolly and shortleaf pines.....	244,489	2,840	.....	1,682	.....	1,158	241,649	49,401	32,515	66,545	93,188
Other yellow pines.....	25,264	4,984	275	2,610	.....	2,099	20,280	11,499	3,606	4,745	431
Spruce and balsam fir.....	26,933	26,864	19,065	1,910	5,889	.....	69	69	.....	.....	.....
Eastern hemlock.....	19,647	18,032	6,827	5,243	5,929	34	1,615	1,253	93	269	.....
Cypress.....	19,494	126	.....	.....	.....	126	19,368	3,507	8,061	1,608	6,192
Ponderosa and Jeffrey pines.....	568	568	.....	.....	66	502	.....	.....	.....	.....	.....
Other.....	10,834	9,589	3,072	435	5,441	642	1,245	511	284	328	122
<b>Total.....</b>	<b>437,526</b>	<b>96,504</b>	<b>43,800</b>	<b>17,094</b>	<b>30,984</b>	<b>4,625</b>	<b>341,023</b>	<b>74,317</b>	<b>74,078</b>	<b>87,903</b>	<b>104,724</b>
<b>Hardwoods:</b>											
Select white oaks.....	54,986	27,256	870	7,956	3,835	14,596	27,730	11,659	2,148	8,980	4,943
Select red oaks.....	47,360	31,690	4,711	12,117	8,227	6,636	15,670	6,118	938	5,001	3,613
Other white oaks.....	37,713	12,653	85	6,964	.....	5,605	25,059	8,878	3,147	6,218	6,817
Other red oaks.....	83,529	27,075	1,752	8,776	2,307	14,240	56,454	15,489	8,657	16,786	15,521
Hickory.....	33,645	11,705	340	3,501	460	7,403	21,940	6,101	2,254	7,826	5,759
Yellow birch.....	7,628	7,511	3,501	1,375	2,635	.....	117	117	.....	.....	.....
Hard maple.....	28,792	27,443	7,038	7,181	10,384	2,840	1,350	636	54	601	59
Soft maple.....	28,424	20,390	5,166	7,701	4,512	3,012	8,034	4,784	1,836	994	421
Beech.....	16,780	12,547	2,435	5,071	1,996	3,045	4,234	1,817	226	1,173	1,017
Sweetgum.....	32,461	1,387	.....	768	.....	619	31,074	9,553	4,854	7,272	9,395
Tupelo and black gum.....	26,939	1,511	.....	736	.....	775	25,428	9,380	6,834	4,227	4,987
Ash.....	17,801	10,557	1,473	2,967	3,190	2,928	7,243	1,830	1,239	1,949	2,226
Cottonwood and aspen.....	21,039	18,492	1,085	911	13,799	2,697	2,547	279	44	1,063	1,162
Basswood.....	7,898	6,820	205	1,897	3,851	868	1,078	582	84	341	71
Yellow-poplar.....	34,111	10,752	.....	6,399	34	4,319	23,359	14,450	3,193	5,602	114
Black walnut.....	2,205	1,647	.....	339	45	1,263	558	247	13	220	79
Black cherry.....	6,862	6,380	229	5,313	331	507	482	171	40	200	71
Other.....	48,031	26,702	2,818	4,896	11,176	7,812	21,329	4,993	2,840	5,998	7,498
<b>Total.....</b>	<b>536,203</b>	<b>262,517</b>	<b>31,707</b>	<b>84,865</b>	<b>66,782</b>	<b>79,163</b>	<b>273,686</b>	<b>97,084</b>	<b>38,400</b>	<b>74,448</b>	<b>63,754</b>
<b>All species.....</b>	<b>973,729</b>	<b>359,021</b>	<b>75,507</b>	<b>101,959</b>	<b>97,766</b>	<b>83,788</b>	<b>614,709</b>	<b>171,401</b>	<b>112,478</b>	<b>162,351</b>	<b>168,478</b>

<sup>1</sup>Net volume in board feet, International 1/4-inch log rule. Data may not add to totals because of rounding. Forest Service.



**Table 693.—Timber removals and growth: Timber removals and net annual growth of growing stock and sawtimber on commercial timberland by softwoods and hardwoods and regions, 1976 <sup>1</sup>**

Item and region	All species		Softwoods		Hardwoods	
	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</sup>	Removals <sup>2</sup>	Growth <sup>3</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.....	639	1,345	396	838	244	506
Middle Atlantic.....	663	1,795	103	229	560	1,566
Lake States.....	719	1,617	181	463	538	1,154
Central.....	637	1,035	25	69	612	965
North.....	2,659	5,792	705	1,600	1,953	4,192
South Atlantic.....	1,664	2,748	981	1,265	683	1,483
East Gulf.....	1,367	2,326	1,048	1,722	319	604
Central Gulf.....	1,760	2,910	1,139	1,555	621	1,355
West Gulf.....	1,780	2,721	1,304	1,616	476	1,105
South.....	6,571	10,705	4,471	6,158	2,100	4,547
Pacific Northwest <sup>4</sup> .....	3,319	2,686	3,209	2,225	109	462
Pacific Southwest <sup>5</sup> .....	835	792	818	713	17	79
Northern Rocky Mountain.....	669	1,280	669	1,264	( <sup>6</sup> )	16
Southern Rocky Mountain.....	176	409	173	325	3	84
West.....	4,999	5,168	4,870	4,527	129	641
All regions.....	14,229	21,664	10,046	12,285	4,183	9,380
<b>SAWTIMBER</b>						
	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>	<i>Million board feet <sup>7</sup></i>
New England.....	2,061	2,773	1,355	1,775	706	998
Middle Atlantic.....	1,954	3,589	267	623	1,687	2,966
Lake States.....	2,044	4,620	528	1,473	1,516	3,147
Central.....	2,354	2,905	73	206	2,282	2,698
North.....	8,413	13,887	2,223	4,077	6,190	9,810
South Atlantic.....	5,771	9,426	3,564	4,620	2,207	4,807
East Gulf.....	4,880	7,534	3,834	5,875	1,046	1,659
Central Gulf.....	7,718	10,547	5,171	6,606	2,547	3,941
West Gulf.....	8,268	9,955	6,370	7,066	1,898	2,889
South.....	26,637	37,463	18,938	24,167	7,698	13,296
Pacific Northwest <sup>4</sup> .....	20,164	12,655	19,786	11,225	379	1,430
Pacific Southwest <sup>5</sup> .....	5,120	4,023	5,072	3,885	47	138
Northern Rocky Mountain.....	3,847	4,882	3,846	4,845	1	37
Southern Rocky Mountain.....	996	1,711	982	1,492	14	218
West.....	30,127	23,721	29,686	21,447	441	1,824
All regions.....	65,177	74,621	50,847	49,692	14,329	24,929

<sup>1</sup>Data may not add to totals because of rounding.

<sup>2</sup>Timber removals include the net volume of growing-stock or sawtimber trees removed from the inventory by harvesting; cultural operations, such as timber-stand improvement; land clearing; or changes in land use.

<sup>3</sup>The considerable excess of cut over growth for most western softwoods is not entirely due to overcutting. Growth is at a low level because part 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>4</sup>Includes Alaska.

<sup>5</sup>Includes Hawaii.

<sup>6</sup>Less than 500,000 cubic feet.

<sup>7</sup>International ¼-inch log rule.

Forest Service.

Table 694.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, Sept. 30, 1981

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>
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
Ala.....	1,274	644	630	N.H.....	819	705	114
Alaska.....	24,018	23,167	851	N. Mex.....	10,271	9,245	1,026
Ariz.....	11,936	11,271	665	N.Y.....	13	13	.....
Ark.....	3,502	2,478	1,024	N.C.....	3,165	1,213	1,952
Calif.....	24,290	20,380	3,910	N. Dak.....	1,106	1,106	( <sup>3</sup> )
Colo.....	15,967	14,431	1,536	Ohio.....	834	177	657
Conn.....	( <sup>3</sup> )	( <sup>3</sup> )	.....	Okla.....	461	294	167
Fla.....	1,225	1,098	127	Oreg.....	17,455	15,616	1,839
Ga.....	1,911	864	1,047	Pa.....	743	509	234
Hawaii.....	( <sup>3</sup> )	( <sup>3</sup> )	.....	S.C.....	1,382	610	772
Idaho.....	21,700	20,422	1,278	S. Dak.....	2,269	1,998	271
Ill.....	840	262	578	Tenn.....	1,212	623	589
Ind.....	645	188	457	Tex.....	1,994	782	1,212
Kans.....	108	108	.....	Utah.....	9,129	8,046	1,083
Ky.....	2,102	670	1,432	Vt.....	630	291	339
La.....	1,023	598	425	Va.....	3,226	1,627	1,599
Maine.....	94	51	43	Wash.....	10,025	9,054	971
Mich.....	4,872	2,757	2,115	W. Va.....	1,861	969	892
Minn.....	5,467	2,800	2,667	Wis.....	2,023	1,500	523
Miss.....	2,310	1,141	1,169	Wyo.....	9,692	9,255	437
Mo.....	3,082	1,466	1,616	P.R.....	56	28	28
Mont.....	19,086	16,763	2,323	V.I.....	( <sup>3</sup> )	( <sup>3</sup> )	.....
Nebr.....	441	352	89	Total.....	229,694	190,719	38,975
Nev.....	5,435	5,147	288				

<sup>1</sup> National Forest System lands.—A nationally significant system of Federally owned units of forest, range and related land consisting of national forests, purchase units, national grasslands, and other lands, waters and interest in lands which are administered by the Forest Service or designated for administration through the Forest Service.

National forests.—Areas formally established and permanently held for national forest purposes.

Purchase units.—Areas designated by the Secretary of Agriculture or previously approved by the National Forest Reservation Commission for purposes of Weeks Law Acquisition.

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.

Land utilization projects.—Areas designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Areas reserved and dedicated by the Secretary of Agriculture for 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 689

<sup>1</sup> Data may not add to totals because of rounding.

<sup>2</sup> Net volume in cubic feet of live sawtimber and polelimber 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>3</sup> Net volume of the saw-log portion of live sawtimber trees in board feet, International ¼-inch log rule. Live trees of commercial species containing at least one 12-foot saw log or two noncontiguous 8-foot saw logs, and meeting regional specifications for freedom from defect. Softwoods must be at least 9.0 inches in diameter at breast height, hardwoods 11.0 inches.

<sup>4</sup> Includes Alaska.

<sup>5</sup> Includes Hawaii.

Forest Service.

**Table 695.—Cooperative tree planting: Forest tree distribution program, with costs, United States, fiscal years 1965-79<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Trees distributed	Costs			Year ending June 30 <sup>2</sup>	Trees distributed	Costs		
		Federal contribution <sup>3</sup>	State expenditure	Total			Federal contribution <sup>3</sup>	State expenditure	Total
	Thousands	1,000 dollars	1,000 dollars	1,000 dollars		Thousands	1,000 dollars	1,000 dollars	1,000 dollars
1965	508,651	216	6,649	6,865	1973	581,090	214	5,986	6,200
1966	521,440	219	6,593	6,812	1974	539,549	216	6,674	6,890
1967	572,088	220	7,769	7,989	1975	577,996	225	5,122	5,347
1968	573,067	221	8,836	9,057	1976	506,464	140	( <sup>4</sup> )	( <sup>4</sup> )
1969	523,986	203	9,911	10,114	1977	657,299	145	( <sup>4</sup> )	( <sup>4</sup> )
1970	494,941	197	8,347	8,544	1978	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1971	598,762	165	5,675	5,840	1979	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
1972	552,997	175	5,636	5,816					

<sup>1</sup> Includes Puerto Rico; excludes Alaska. <sup>2</sup> Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-79. <sup>3</sup> Provided by Clark-McNary law, Act of June 7, 1924, as amended. <sup>4</sup> Not available. Forest Service.

**Table 696.—Cooperative forest management: Accomplishments and expenditures, United States, fiscal years 1965-81<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Accomplishments				Expenditures		
	Woodland owners assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
	Number	1,000 acres	1,000 bd. ft	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965	99,074	6,165	716,950	17,442	2,730	4,109	6,839
1966	105,014	6,553	682,088	22,575	3,171	4,259	7,430
1967	107,654	6,232	517,368	22,005	3,157	5,021	8,178
1968	106,328	7,775	704,241	23,265	3,184	5,677	8,861
1969	109,835	7,184	855,336	31,429	3,130	6,356	9,486
1970	115,197	6,945	1,225,520	31,881	3,655	7,972	11,627
1971	127,828	7,937	860,950	27,398	4,363	9,080	13,443
1972	274,001	11,158	955,651	23,608	4,285	10,322	14,604
1973	106,422	6,472	1,578,664	37,709	4,133	12,394	16,527
1974	117,990	7,106	907,311	44,458	4,260	15,185	19,445
1975	140,940	10,369	663,740	27,517	4,663	17,771	22,434
1976	105,184	4,085	596,599	( <sup>3</sup> )	4,687	18,646	23,333
1977	133,619	4,614	921,171	( <sup>3</sup> )	5,529	( <sup>3</sup> )	( <sup>3</sup> )
1978	165,329	5,750	1,120,743	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1979	183,585	5,382	755,103	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1980	176,385	6,277	870,964	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
1981 <sup>4</sup>	164,279	( <sup>3</sup> )	683,181	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> Under the Cooperative Forest Management Act of August 25, 1950, and related legislation. <sup>2</sup> Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-81. <sup>3</sup> Not available. <sup>4</sup> Preliminary. Forest Service.

**Table 697.—Forest fires: Expenditures for protection on State and private forest lands, United States, fiscal years 1965-80<sup>1</sup>**

Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expenditures	Year ending June 30 <sup>2</sup>	Federal <sup>3</sup>	State and county	Private owners	Total expenditures
1965	12,783	62,612	1,167	76,562	1973	20,025	116,013	847	136,885
1966	12,803	71,812	1,243	85,858	1974	20,079	130,286	( <sup>4</sup> )	150,365
1967	12,834	76,612	1,503	90,949	1975	25,182	143,966	( <sup>4</sup> )	169,048
1968	14,357	80,464	1,249	96,070	1976	22,642	167,125	( <sup>4</sup> )	189,767
1969	14,396	85,222	1,337	100,955	1977	20,659	196,304	( <sup>4</sup> )	216,963
1970	16,440	95,293	1,816	113,549	1978	30,008	181,975	( <sup>4</sup> )	211,983
1971	16,505	106,782	1,387	124,674	1979	30,565	185,627	( <sup>4</sup> )	216,192
1972	20,000	104,732	818	125,550	1980	22,706	220,722	( <sup>4</sup> )	243,428

<sup>1</sup> Excludes emergency funds. <sup>2</sup> Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-80. <sup>3</sup> Excludes administration and inspection costs. <sup>4</sup> Included in "State and county." <sup>5</sup> State funds only. <sup>6</sup> Not available. Forest Service.

**Table 698.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1965–81**

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>	
1965	7,083	64	182,139	91,495	1,206	472,023	13,116	1,800	30,294
1966	8,365	303	182,273	98,157	1,908	469,323	12,772	1,401	46,748
1967	8,988	151	182,507	102,267	1,926	479,623	11,263	2,890	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
1970	11,386	446	182,571	101,455	1,541	520,501	5,313	1,019	45,751
1971	9,233	117	182,578	91,673	1,827	574,443	3,558	733	39,528
1972	11,184	95	182,774	83,010	1,050	631,162	25,607	359	59,581
1973	9,608	134	183,014	78,877	1,086	626,523	26,274	153	63,959
1974	10,625	138	183,045	105,835	1,511	708,129	24,993	168	63,885
1975	8,646	153	183,280	91,026	1,119	726,356	31,574	264	70,848
1976	11,006	108	183,381	157,035	2,119	737,228	68,864	2,472	101,192
1977	11,474	391	183,447	142,577	2,096	748,692	15,148	254	98,501
1978	9,971	86	183,555	130,798	1,553	773,772	73,954	2,156	93,972
1979	9,181	328	183,187	104,413	1,317	783,522	44,915	433	89,518
1980	8,908	251	183,060	141,035	2,348	805,927	79,233	2,162	115,204
1981 <sup>2</sup>	10,361	164	186,442	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )

<sup>1</sup> As of June 30. <sup>2</sup> Preliminary. <sup>3</sup> Not available.  
Forest Service.

**Table 699.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1965–81**

Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscellaneous forest products <sup>4</sup>	Total value including free-use timber	Year ending June 30 <sup>1</sup>	Total timber cut <sup>2</sup>		Value of miscellaneous forest products <sup>4</sup>	Total value including free-use timber
	Volume	Value <sup>3</sup>				Volume	Value <sup>3</sup>		
1965	11,244	161,106	494	161,880	1974	10,958	508,615	519	509,916
1966	12,138	195,590	572	196,427	1975	9,174	365,952	1,369	368,423
1967	10,851	188,711	575	189,563	1976	9,575	492,029	1,224	495,367
1968	12,129	239,311	622	240,226	( <sup>5</sup> )	(3,432)	(209,938)	(129)	(210,067)
1969	11,783	326,997	665	327,944	1977	10,482	732,547	1,002	735,949
1970	11,527	307,610	695	308,638	1978	10,080	854,682	1,174	858,474
1971	10,341	257,020	623	258,404	1979	10,377	968,033	1,149	973,018
1972	11,700	381,957	546	382,946	1980	9,178	729,829	1,064	736,641
1973	12,357	479,233	515	480,124	1981	8,036	720,922	1,627	728,919

<sup>1</sup> Fiscal years July 1–June 30 for 1965–76; Oct. 1–Sept. 30 for 1977–81. <sup>2</sup> Commercial and cost sales and land exchanges. <sup>3</sup> Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930. <sup>4</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc. <sup>5</sup> Includes free-use timber for 15-month period ending Sept. 30, 1976. <sup>6</sup> Transition quarter July 1, 1976–Sept. 30, 1976.

Forest Service.

**Table 700.—Lumber: Production, United States, 1965–81**

Year	Total	Softwoods	Hardwoods	Year	Total	Softwoods	Hardwoods
1965	36,762	29,295	7,467	1974	34,608	27,704	6,904
1966	36,584	28,847	7,737	1975	32,619	26,747	5,872
1967	34,741	27,311	7,430	1976	36,295	29,878	6,417
1968	36,473	29,285	7,188	1977	37,882	31,203	6,679
1969	35,824	28,342	7,482	1978	38,270	31,273	6,997
1970	34,668	27,530	7,138	1979	37,678	30,411	7,267
1971	36,988	30,039	6,949	1980 <sup>1</sup>	32,322	25,264	7,058
1972	37,745	30,975	6,770	1981 <sup>1</sup>	29,867	23,032	6,835
1973	38,595	31,586	7,009				

<sup>1</sup> Preliminary.  
Forest Service.

Table 701.—Timber products: Production, imports, exports, and consumption, United States, 1965-80<sup>1</sup>

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Production	Imports	Exports	Consumption	Production	Imports	Exports	Consumption	Production	Imports <sup>2</sup>	Exports <sup>2</sup>	Consumption
Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>
1965.....	5,665	815	145	6,335	1,030	100	5	1,125	3,095	1,175	380	3,890
1966.....	5,630	810	160	6,280	1,030	115	5	1,140	3,190	1,290	420	4,060
1967.....	5,325	800	175	5,950	1,030	110	10	1,130	3,190	1,240	460	3,970
1968.....	5,545	960	180	6,325	1,120	165	10	1,275	3,385	1,260	525	4,120
1969.....	5,415	980	180	6,215	1,050	180	20	1,210	3,585	1,340	570	4,355
1970.....	5,215	955	195	5,970	1,020	170	15	1,170	3,835	1,280	720	4,400
1971.....	5,385	1,130	165	6,355	1,175	210	15	1,365	3,560	1,310	620	4,255
1972.....	5,535	1,415	215	6,740	1,300	270	25	1,550	3,520	1,365	625	4,260
1973.....	5,670	1,460	300	6,830	1,320	225	40	1,510	3,755	1,460	640	4,575
1974.....	5,095	1,115	270	5,940	1,150	155	50	1,255	4,220	1,470	805	4,885
1975.....	4,980	930	255	5,565	1,165	170	70	1,265	3,485	1,105	715	3,875
1976.....	5,475	1,290	290	6,475	1,355	215	65	1,500	3,805	1,320	710	4,420
1977.....	5,730	1,675	260	7,140	1,425	210	35	1,600	3,645	1,395	725	4,320
1978.....	5,825	1,910	275	7,460	1,460	230	45	1,645	3,745	1,595	720	4,625
1979.....	5,680	1,800	335	7,145	1,370	195	45	1,520	4,110	1,630	805	4,935
1980 <sup>4</sup> .....	4,860	1,540	395	6,010	1,195	120	45	1,270	4,390	1,570	1,075	1,885

Year	Industrial roundwood used for—Continued										Fuel- wood production and consumption	Production, all products	Consumption, all products
	Other industrial products, <sup>5</sup> production and consumption	Logs		Pulp- wood chip exports	Total								
		Imports	Exports		Production	Imports	Exports	Consumption					
Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>	Mil- lion cu. ft. <sup>3</sup>			
1965.....	560	15	205	5	10,555	2,105	740	11,925	915	11,470	12,840		
1966.....	565	20	240	15	10,665	2,230	835	12,065	845	11,510	12,910		
1967.....	515	15	335	40	10,435	2,165	1,020	11,580	775	11,215	12,355		
1968.....	485	15	440	85	11,060	2,400	1,235	12,220	700	11,760	12,920		
1969.....	455	15	410	120	11,030	2,515	1,295	12,250	620	11,650	12,870		
1970.....	425	25	465	145	11,105	2,430	1,540	11,995	540	11,640	12,530		
1971.....	415	15	390	110	11,035	2,670	1,295	12,410	500	11,535	12,910		
1972.....	405	5	535	140	11,440	3,060	1,545	12,960	475	11,915	13,435		
1973.....	405	5	575	200	11,925	3,150	1,755	13,320	505	12,430	13,825		
1974.....	395	15	455	230	11,540	2,755	1,805	12,490	535	12,075	13,025		
1975.....	385	15	455	195	10,575	2,220	1,685	11,105	570	11,145	11,675		
1976.....	380	15	555	245	11,815	2,840	1,870	12,785	600	12,420	13,390		
1977.....	385	30	525	250	11,960	3,310	1,795	13,475	1,030	12,990	14,505		
1978.....	395	20	585	225	12,235	3,755	1,845	14,145	1,570	13,805	15,715		
1979.....	405	25	665	280	12,510	3,655	2,135	14,030	2,275	14,785	16,305		
1980 <sup>4</sup> .....	385	25	560	275	11,665	3,260	2,355	12,575	3,120	14,785	15,695		

<sup>1</sup> Data may not add to totals because of rounding.<sup>2</sup> Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board.<sup>3</sup> Roundwood equivalent.<sup>4</sup> Preliminary.<sup>5</sup> Includes coppersage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

Forest Service.

**Table 702.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1965-81**

Year	Douglas-fir <sup>1</sup>	Southern pine <sup>2</sup>	Ponderosa pine <sup>3</sup>	Western hemlock <sup>4</sup>	All eastern hardwoods <sup>5</sup>	Oak, white, red, and black <sup>5</sup>	Maple <sup>5</sup>
	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.
1965	42.60	31.70	19.80	19.10	25.00	21.30	31.90
1966	50.00	38.60	19.80	20.50	29.30	23.20	40.90
1967	41.70	38.30	22.20	21.80	27.00	16.80	46.80
1968	61.20	42.20	30.20	35.60	23.60	17.30	31.30
1969	82.20	51.70	71.00	45.10	30.20	28.20	41.10
1970	41.90	44.10	32.10	20.50	26.90	26.60	34.40
1971	49.00	52.20	37.60	20.60	24.60	21.20	37.80
1972	71.70	65.60	65.80	49.00	34.30	26.60	59.40
1973	138.10	93.40	92.30	99.20	46.00	43.60	71.40
1974	202.40	76.20	100.60	110.80	45.90	54.70	79.50
1975	169.50	57.00	71.20	68.80	33.90	29.70	39.60
1976	176.20	87.00	101.80	79.70	34.90	43.40	36.60
1977	225.90	100.30	131.40	89.30	37.90	60.00	42.10
1978	250.30	134.50	164.70	113.60	41.10	59.20	57.40
1979	394.40	155.20	239.00	200.80	46.80	68.80	33.90
1980	432.20	155.40	206.10	212.70	52.40	65.60	37.40
1981	350.20	172.00	195.20	163.40	50.90	63.20	41.50

<sup>1</sup>Western Washington and western Oregon. <sup>2</sup>Southern region. <sup>3</sup>Pacific Southwest region. Includes Jeffrey pine. Prior to 1979, California region. <sup>4</sup>Pacific Northwest region. <sup>5</sup>Eastern and Southern regions.

Forest Service. All U.S. Forest Service national forest prices in this table are bid prices (including KV payments) for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International 1/4-inch log rule is used. Prices exclude timber sold by land exchanges and from land utilization project lands.

**Table 703.—Timber products: Producer price indexes, selected products, United States, 1965-81**

[1967 = 100]

Year	Lumber	Softwood plywood	Wood pulp	Paper	Paper-board	Year	Lumber	Softwood plywood	Wood pulp	Paper	Paper-board
1965	94.0	105.7	100.1	94.6	101.5	1974	207.1	186.8	217.8	148.6	152.2
1966	100.1	106.1	100.0	97.5	102.2	1975	192.5	200.6	283.4	172.9	170.3
1967	100.0	100.0	100.0	100.0	100.0	1976	233.0	247.6	286.0	182.3	176.0
1968	117.4	129.2	100.0	102.0	95.9	1977	276.5	295.8	281.1	194.3	176.2
1969	131.6	139.2	100.0	105.5	99.4	1978	322.4	326.4	266.5	206.1	179.6
1970	113.7	113.6	109.6	111.0	101.1	1979	354.3	322.3	314.3	229.6	202.1
1971	136.0	127.0	112.1	114.2	102.4	1980	325.8	308.8	380.3	256.8	234.6
1972	159.4	154.9	111.5	116.3	105.5	1981 <sup>1</sup>	325.1	306.5	397.1	279.8	258.1
1973	205.2	194.0	128.3	121.4	115.1						

<sup>1</sup>Preliminary.

Forest Service. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

**Table 704.—Livestock on National Forest System lands: Number grazed, and grazing receipts, United States, 1965-81**

Year	Number grazed <sup>1</sup>		Receipts from grazing <sup>3</sup>	Year	Number grazed <sup>1</sup>		Receipts from grazing <sup>3</sup>
	Cattle and horses <sup>2</sup>	Sheep and goats			Cattle and horses <sup>2</sup>	Sheep and goats	
	Thousands	Thousands	1,000 dollars		Thousands	Thousands	1,000 dollars
1965	1,376	2,112	3,521	1973	1,571	1,598	6,196
1966	1,476	2,309	3,861	1974	1,580	1,470	7,796
1967	1,521	2,264	4,184	1975	1,626	1,549	7,665
1968	1,531	2,210	4,083	1976	1,690	1,750	10,909
1969	1,577	2,162	4,438	1977 <sup>4</sup>	<sup>5</sup> 1,587	1,473	11,443
1970	1,607	2,105	4,371	1978 <sup>4</sup>	<sup>5</sup> 1,557	1,284	11,037
1971	1,606	2,051	5,413	1979 <sup>4</sup>	<sup>5</sup> 1,540	1,249	12,517
1972	1,633	2,049	5,515	1980 <sup>4</sup>	<sup>5</sup> 1,521	1,328	15,848
				1981 <sup>4</sup>	<sup>5</sup> 1,535	1,341	14,889

<sup>1</sup>Data for years 1965-72 are for livestock permitted to graze, 1973-76 are for authorized use, and 1977-81 are number actually grazed.

<sup>2</sup>Prior to 1973 data included swine.<sup>3</sup>Fiscal years ending June 30 for 1965-76.<sup>4</sup>Fiscal year ending September 30.<sup>5</sup>Includes burros.

Forest Service.

NATIONAL FOREST SYSTEM LANDS

Table 705.—Livestock on National Forests System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1981, by States

State or other area	Number grazed		Receipts from grazing	State or other area	Number grazed		Receipts from grazing
	Cattle, horses, and burros	Sheep and goats			Cattle, horses, and burros	Sheep and goats	
	Number	Number	Dollars		Number	Number	Dollars
Ala.....	399		1,528	N. Dak.....	57,498	207	848,922
Ariz.....	124,590	37,215	2,508,320	Ohio.....	61		624
Ark.....	6,888		17,179	Okla.....	3,989		42,645
Calif.....	113,382	85,341	1,931,754	Oreg.....	121,387	47,492	908,187
Colo.....	210,247	281,566	1,594,076	S.C.....	31		
Fla.....	1,668		10,858	S. Dak.....	70,594	3,758	467,900
Ga.....	561		3,084	Tex.....	9,401		81,863
Idaho.....	144,739	278,830	1,403,525	Utah.....	112,787	263,951	1,123,729
Ill.....	916	637		Vt.....	23		56
Ind.....	76		823	Va.....	904	104	3,286
Kans.....	12,314			Wash.....	59,161	10,550	198,528
Ky.....			4	W. Va.....	1,762	452	11,163
La.....	4,887		15,546	Wis.....	49		
Mich.....	36			Wyo.....	147,175	218,566	1,279,928
Minn.....	130			National forests.....	1,339,878	1,306,963	13,282,232
Miss.....	1,675		5,418				
Mo.....	5,443		21,159	National grasslands and land utilization project lands.....	194,822	33,822	1,607,086
Mont.....	139,338	37,901	1,054,198				
Nebr.....	20,124	350	234,356	Total.....	1,534,700	1,340,785	14,889,318
Nev.....	55,522	50,272	582,175				
N. Mex.....	105,181	23,593	1,536,909				
N.Y.....	1,747		1,575				
N.C.....	15						

<sup>1</sup> Includes receipt from Oregon and California Railroad Grant Lands. Forest Service.

Table 706.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1965-81

Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>2</sup>	Year ending June 30 <sup>1</sup>	From the use of timber <sup>2</sup>	From the use of grazing	From special land uses, water power, etc.	Total <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
1965.....	138,772	3,521	6,946	149,239	1974.....	459,892	7,796	17,996	485,684
1966.....	164,940	3,861	6,816	175,616	1975.....	341,305	7,665	24,091	373,061
1967.....	172,791	4,184	7,541	184,517	1976.....	418,564	10,909	25,190	454,663
1968.....	205,627	4,083	8,613	218,323	<sup>(3)</sup> 1976.....	(196,347)	(1,164)	(7,489)	(205,000)
1969.....	306,815	4,438	10,001	321,254	1977.....	652,050	11,443	28,076	691,569
1970.....	283,907	4,371	11,425	299,703	1978.....	723,330	11,037	30,989	765,356
1971.....	217,035	5,413	13,741	236,189	1979.....	827,632	12,520	40,885	881,038
1972.....	330,030	5,515	14,462	350,007	1980.....	625,407	15,849	61,619	702,875
1973.....	446,733	6,196	16,319	469,748	1981 <sup>4</sup> .....	581,441	14,889	84,403	680,734

<sup>1</sup> Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-81.

<sup>2</sup> Includes receipts from Oregon and California Railroad Grant Lands.

<sup>3</sup> Transition quarter July, 1, 1976-Sept. 30, 1976.

<sup>4</sup> Preliminary.

Forest Service.

Table 707.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years<sup>1</sup> 1980-82<sup>2</sup>

State or other areas	1980	1981	1982	State or other areas	1980	1981	1982
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
Ala.....	894	953	1,444	N.H.....	253	242	275
Alaska.....	3,574	6,528	3,775	N. Mex.....	2,557	2,429	2,483
Ariz.....	5,009	4,234	5,736	N.C.....	332	506	775
Ark.....	3,590	4,272	3,728	N. Dak.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Calif.....	50,452	37,551	42,016	Ohio.....	81	60	96
Colo.....	1,897	1,958	1,806	Okla.....	517	605	506
Fla.....	1,286	1,615	1,565	Oreg.....	121,081	98,888	95,113
Ga.....	797	826	997	Pa.....	549	664	874
Idaho.....	13,805	10,315	9,066	S.C.....	2,147	1,812	3,399
Ill.....	53	55	98	S. Dak.....	675	713	509
Ind.....	106	67	115	Tenn.....	232	274	203
Ky.....	211	184	204	Tex.....	1,382	1,486	2,719
La.....	3,185	2,328	1,998	Utah.....	918	1,108	976
Maine.....	17	16	18	Vt.....	68	156	105
Mich.....	730	828	808	Va.....	181	251	388
Minn.....	402	428	427	Wash.....	40,289	32,708	29,397
Miss.....	5,025	5,682	5,781	W. Va.....	161	199	315
Mo.....	3,102	3,852	2,818	Wis.....	392	470	499
Mont.....	9,460	7,585	8,080	Wyo.....	1,251	1,397	1,024
Nebr.....	59	60	56	P.R.....	7	7	8
Nev.....	255	311	286	Total.....	276,982	233,623	230,486

<sup>1</sup> Fiscal years Oct. 1-Sept. 30.<sup>2</sup> Payments under the acts of May 23, 1908 (as amended), July 24, 1956 and Oct. 22, 1976, 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. Payments made in the following year.<sup>3</sup> Less than \$500.

Forest Service.

Table 708.—National Forest System lands: Number of visitor-days,<sup>1</sup> by States, and Puerto Rico, for the year ending Sept. 30, 1981

State or other area	Developed sites	Dispersed type	Total	State or other area	Developed sites	Dispersed type	Total
	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands
Ala.....	291	905	1,196	N. Mex.....	2,511	3,641	6,151
Alaska.....	631	2,589	3,220	N.Y.....	9	15	25
Ariz.....	6,236	11,595	17,831	N.C.....	1,397	3,846	5,244
Ark.....	661	1,757	2,418	N. Dak.....	16	117	133
Calif.....	22,319	32,570	54,890	Ohio.....	56	395	450
Colo.....	9,638	13,430	23,068	Okla.....	82	317	398
Fla.....	1,515	1,514	3,028	Oreg.....	8,312	9,986	18,298
Ga.....	888	1,723	2,111	Pa.....	635	1,571	2,207
Idaho.....	3,643	7,617	11,260	S.C.....	285	903	1,188
Ill.....	200	624	824	S. Dak.....	609	1,721	2,330
Ind.....	190	585	775	Tenn.....	1,076	1,344	2,420
Kans.....	6	25	31	Tex.....	403	1,517	1,920
Ky.....	741	2,091	2,832	Utah.....	5,163	9,254	14,418
La.....	219	336	555	Vt.....	446	154	600
Maine.....	17	29	46	Va.....	714	2,839	3,553
Mich.....	1,487	4,160	5,647	Wash.....	4,837	9,018	13,855
Minn.....	1,047	3,571	4,617	W. Va.....	400	946	1,346
Miss.....	249	1,013	1,261	Wis.....	567	1,617	2,184
Mo.....	438	1,443	1,881	Wyo.....	2,217	3,972	6,189
Mont.....	2,884	6,658	9,541	P.R.....	242	311	552
Nebr.....	50	93	142	Total <sup>2</sup> .....	84,882	150,827	235,709
Nev.....	1,057	1,346	2,403				
N.H.....	1,000	1,672	2,673				

<sup>1</sup> Recreational use of national forest land and water which aggregates 12 person-hours. This may entail one 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> Data may not add to totals because of rounding.

Forest Service.



**Table 709.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States 1965-81**

Year	Visitor-days <sup>1</sup>		Big game <sup>2</sup>		Big game hunterharvest <sup>3</sup>	
	Fishermen	Hunters	Deer	Others <sup>4</sup>	Deer	Others <sup>4</sup>
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965.....	16,197	14,100	4,023	623	574	96
1966.....	14,709	13,119	3,800	618	516	87
1967.....	13,956	13,249	3,996	634	530	93
1968.....	14,521	14,043	3,839	596	555	90
1969.....	14,868	14,148	3,691	599	562	96
1970.....	15,239	14,308	3,609	601	493	99
1971.....	14,842	13,130	3,487	602	471	96
1972.....	15,457	13,740	3,292	608	396	84
1973.....	15,761	14,232	3,065	610	376	89
1974.....	16,403	14,423	2,992	636	376	101
1975.....	16,151	14,472	2,809	647	338	97
1976.....	16,098	14,059	2,698	652	312	105
1977.....	16,029	14,517	2,723	686	291	96
1978.....	16,559	14,946	2,778	682	359	106
1979.....	16,776	15,328	2,667	668	354	101
1980.....	17,117	15,747	2,669	656	343	100
1981.....	16,973	16,413	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )

<sup>1</sup> A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail one person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent. Beginning 1978 data for fiscal year ending Sept. 30.

<sup>2</sup> Inventory as of April 30.

<sup>3</sup> Years 1965-77 ending June 30; years 1978-81 ending April 30.

<sup>4</sup> Includes antelope, elk, bears, lions, moose, mountain goats, bighorn sheep, peccaries, and wild boar; population data also include alligators, beginning 1973.

<sup>5</sup> Not available.

Forest Service.

**Table 710.—Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1965-80**

Year	Pulpwood consumption <sup>1</sup>	Woodpulp production	Paper and board		
			Production	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>
1965.....	51,970	33,993	44,091	49,218	507
1966.....	56,260	36,603	47,113	52,783	537
1967.....	55,932	36,677	46,926	52,041	524
1968.....	62,092	40,892	51,245	55,772	556
1969.....	65,892	42,813	54,187	59,005	582
1970.....	67,562	43,546	53,516	58,057	566
1971.....	67,157	43,903	55,086	59,675	575
1972.....	71,538	46,767	59,457	64,509	615
1973.....	73,596	48,327	61,304	66,881	631
1974.....	74,327	48,349	59,930	64,654	605
1975.....	65,373	43,084	52,521	55,955	518
1976.....	72,011	47,721	59,898	63,951	587
1977.....	73,935	49,132	62,722	67,329	612
1978.....	74,170	50,020	64,333	70,731	635
1979.....	77,594	51,177	66,329	72,476	644
1980 <sup>4</sup> .....	79,703	52,055	65,834	70,078	616

<sup>1</sup> Includes changes in stocks.

<sup>2</sup> Production plus imports and minus exports (excludes products); 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.

## 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 for 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 610.

**Table 711.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1965-82**

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	<i>Millions</i>	<i>Millions</i>		<i>Millions</i>	<i>Millions</i>
1965.....	190.5	191.6	1974.....	210.7	211.6
1966.....	192.6	193.4	1975.....	212.7	213.8
1967.....	194.4	195.3	1976.....	215.0	215.9
1968.....	196.4	197.1	1977.....	217.0	218.1
1969.....	198.3	199.1	1978.....	219.4	220.5
1970.....	200.5	201.9	1979.....	221.8	223.0
1971.....	203.5	204.9	1980.....	224.4	225.6
1972.....	206.3	207.5	1981.....	226.7	227.7
1973.....	208.6	209.6	1982.....	228.9	229.8

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 712.—Food nutrients: Quantities available for consumption per capita per day, United States, 1965-80<sup>1 2</sup>

Year	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
	<i>Calories</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>International units</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Milli-grams</i>	<i>Micro-grams</i>	<i>Milli-grams</i>
1965	3,200	97	150	373	0.94	1.51	16.0	338	7,700	1.85	2.24	22.4	1.83	9.0	98
1966	3,240	98	153	374	.95	1.52	15.9	340	7,800	1.85	2.26	22.7	1.89	9.2	100
1967	3,270	99	155	377	.93	1.53	16.6	342	7,900	1.95	2.30	23.4	1.92	9.4	105
1968	3,320	100	158	381	.94	1.55	16.8	346	8,200	1.96	2.32	23.8	1.95	9.5	109
1969	3,330	101	158	385	.94	1.54	16.9	344	8,000	1.96	2.30	23.9	1.96	9.6	109
1970	3,340	101	160	382	.93	1.53	17.0	340	8,200	1.96	2.31	24.1	1.98	9.7	111
1971	3,370	101	161	384	.93	1.55	17.1	341	8,100	2.00	2.32	24.2	1.99	9.7	113
1972	3,370	101	161	385	.92	1.54	17.0	344	8,100	1.95	2.31	24.3	1.99	9.6	115
1973	3,330	100	156	389	.93	1.53	16.9	346	8,100	1.91	2.27	23.7	1.94	9.2	115
1974	3,310	100	157	381	.91	1.52	17.0	341	8,200	1.98	2.29	24.4	1.97	9.5	115
1975	3,260	99	152	381	.90	1.50	16.9	341	8,100	1.95	2.30	24.6	1.96	9.2	120
1976	3,390	103	159	394	.92	1.54	17.4	346	8,200	2.08	2.41	25.0	2.00	9.5	120
1977	3,360	102	156	393	.91	1.53	17.3	340	8,000	2.10	2.41	25.9	2.01	9.5	122
1978	3,360	101	158	389	.91	1.51	17.2	339	8,100	2.10	2.39	26.0	1.99	9.2	119
1979	3,430	102	162	399	.91	1.53	17.3	344	8,100	2.17	2.41	26.3	2.02	9.0	121
1980	3,420	101	162	396	.91	1.52	17.2	341	8,000	2.19	2.39	26.1	2.01	9.0	124

<sup>1</sup>Quantities of nutrients computed by Human Nutrition Information Service, Consumer Nutrition Center, 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 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 consumption. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows; vitamin A value to margarine, milk of all types, flavored milk extenders; vitamin B<sub>6</sub> to cereals, meal replacements, infant formulas; vitamin B<sub>12</sub> to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, flavored milk extenders and cereals.

<sup>2</sup>Reflects for the first time revised population data, 1970-80.

Human Nutrition Information Service.

Table 713.—Food nutrients: Percentage of total contributed by major food groups, 1967 and 1980 <sup>1</sup>

Food group and period	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Magnesium	Vitamin A value	Thiamin	Riboflavin	Niacin	Vitamin B <sub>6</sub>	Vitamin B <sub>12</sub>	Ascorbic acid
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1967															
Meat (including pork fat cuts), poultry, and fish.....	21.3	41.1	37.4	0.1	3.9	26.6	31.6	12.9	22.8	30.4	23.0	47.4	40.1	69.1	2.1
Eggs.....	2.2	5.8	3.3	.1	2.6	6.0	6.3	1.4	6.7	2.5	5.9	.2	2.6	9.6	0
Dairy products, excluding butter.....	11.3	22.0	12.6	7.1	75.5	35.9	2.3	21.9	11.9	9.2	42.0	1.6	11.4	20.5	4.6
Fats and oils, including butter.....	16.7	.1	39.6	( <sup>2</sup> )	.4	.2	0	.4	8.3	0	0	0	.1	0	0
Citrus fruits.....	.8	.4	.1	1.7	.9	.7	.8	2.0	1.4	2.4	.5	.8	1.3	0	25.9
Other fruits.....	2.3	.6	.3	5.0	1.2	1.1	3.8	4.0	6.1	1.8	1.6	1.8	6.6	0	10.6
Potatoes and sweetpotatoes.....	2.8	2.3	.1	5.2	1.0	3.5	4.2	7.1	5.8	4.9	1.6	6.5	10.6	0	16.1
Dark green and deep yellow vegetables.....	.2	.4	( <sup>2</sup> )	.4	1.5	.6	1.7	2.0	20.0	.8	1.0	.6	1.9	0	8.6
Other vegetables, including tomatoes.....	2.4	3.2	.4	4.6	4.8	4.8	9.6	10.3	15.5	6.5	4.5	5.8	10.6	0	30.7
Dry beans and peas, nuts, soya flour, and grits.....	2.9	5.0	3.5	2.1	2.7	5.7	6.8	11.0	( <sup>2</sup> )	5.3	1.8	6.5	4.8	0	( <sup>2</sup> )
Flour and cereal products.....	20.0	18.4	1.4	36.6	3.4	12.6	29.4	18.2	.4	35.9	17.4	23.4	9.8	.9	0
Sugar and other sweeteners.....	16.1	( <sup>2</sup> )	0	36.3	1.1	.2	.7	.2	0	( <sup>2</sup> )	.1	( <sup>2</sup> )	.1	0	( <sup>2</sup> )
Miscellaneous <sup>3</sup> .....	.8	.4	1.4	.7	1.1	2.0	3.0	8.7	1.2	.1	.8	5.3	.1	0	1.5
Total <sup>4</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1980															
Meat (including pork fat cuts), poultry, and fish.....	21.0	42.3	36.4	.1	4.0	27.9	30.6	13.7	21.7	27.4	22.1	45.1	39.9	69.7	1.9
Eggs.....	1.8	4.9	2.7	.1	2.3	5.2	5.1	1.2	5.6	1.9	4.8	.1	2.1	8.5	0
Dairy products, excluding butter.....	10.2	21.1	11.2	6.1	72.3	33.9	2.6	20.7	12.3	7.6	38.0	1.3	11.3	20.1	3.3
Fats and oils, including butter.....	18.1	.1	43.0	( <sup>2</sup> )	.4	.2	0	.4	8.1	0	0	0	.1	0	0
Citrus fruits.....	1.0	.5	.1	2.1	1.1	.8	.9	2.5	1.7	2.9	.6	.9	1.5	0	28.1
Other fruits.....	2.2	.6	.2	4.8	1.3	1.2	3.8	4.2	5.7	1.7	1.6	1.7	6.9	0	11.5
Potatoes and sweetpotatoes.....	2.9	2.4	.1	5.4	1.1	3.8	4.7	7.4	4.9	4.7	1.4	6.3	10.0	0	13.9
Dark green and deep yellow vegetables.....	.3	.5	( <sup>2</sup> )	.5	1.9	.7	1.8	2.3	20.8	.9	1.3	.6	2.2	0	10.6
Other vegetables, including tomatoes.....	2.4	3.3	.4	4.6	5.1	5.0	9.6	10.6	16.3	6.1	4.6	5.5	10.6	0	27.3
Dry beans and peas, nuts, soya flour, and grits.....	2.9	5.4	3.4	2.1	2.9	6.1	6.9	11.8	( <sup>2</sup> )	5.0	1.9	6.2	4.9	0	( <sup>2</sup> )
Flour and cereal products.....	19.8	18.6	1.3	35.9	3.6	13.0	31.3	18.7	.4	41.8	23.2	28.8	10.4	1.7	0
Sugar and other sweeteners.....	16.9	( <sup>2</sup> )	0	37.8	3.2	.7	.7	.2	0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0	( <sup>2</sup> )
Miscellaneous <sup>3</sup> .....	.6	.3	1.0	.5	.8	1.5	2.1	6.4	2.3	.1	.6	3.4	.1	0	3.3
Total <sup>4</sup> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Percentages for food groups are based on nutrient data included in totals in table 712.<sup>2</sup> Less than 0.05 percent.<sup>3</sup> Coffee and chocolate liquor equivalent of cocoa beans and fortification of products not assigned to a specific food group.<sup>4</sup> Components may not add to total due to rounding.

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Table 714.—Food consumption: Index of per capita consumption, by major food groups, United States, 1965-81 <sup>1</sup>

[1967 = 100]

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish	Total			Exclud- ing butter	Including butter		
								Animal	Vegeta- ble	Total
1965	93.8	90.5	101.7	93.8	98.3	103.8	95.7	108.2	93.1	99.5
1966	96.0	96.5	102.6	96.4	97.3	102.1	100.9	97.7	103.6	101.1
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	102.3	99.1	103.5	102.0	99.0	101.1	103.6	103.0	103.6	103.3
1969	101.9	103.8	104.9	102.3	96.8	100.2	105.5	92.6	112.8	104.2
1970	104.0	107.3	110.6	104.7	96.3	99.6	107.8	87.6	118.8	105.5
1971	106.8	107.8	107.8	107.0	97.3	99.7	106.4	89.8	114.4	103.9
1972	104.8	112.6	117.5	106.4	95.3	100.2	109.9	83.7	122.9	106.1
1973	97.1	108.6	120.1	99.8	90.6	100.1	110.8	75.0	130.0	106.5
1974	103.6	110.0	113.7	105.0	88.9	97.9	108.8	73.9	125.7	103.6
1975	100.0	107.9	113.7	101.7	86.7	99.1	108.0	66.6	131.2	103.6
1976	106.3	115.0	119.8	108.1	84.2	99.8	114.2	62.7	141.2	107.7
1977	105.3	118.0	118.6	107.6	83.5	99.2	110.1	65.1	133.5	104.3
1978	101.0	123.9	125.2	105.1	85.0	99.7	113.8	66.8	138.1	107.6
1979	98.6	134.0	121.5	104.2	86.7	99.0	116.3	69.2	140.6	110.1
1980	99.5	134.5	119.1	104.9	85.2	98.7	116.8	69.9	140.7	110.5
1981	98.2	138.5	121.5	104.4	82.8	98.3	119.5	68.1	144.8	112.0

Year	Fruits			Mel- ons <sup>3</sup>	Vegetables				
	Fresh	Process- ed	Total		Fresh <sup>3</sup>	Processed			Total <sup>4</sup>
						Canned	Frozen	Total	
1965	101.2	92.9	97.6	101.9	100.2	94.6	89.5	93.5	97.8
1966	102.0	93.4	98.2	95.9	98.7	95.8	97.6	96.2	97.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	99.1	98.2	98.7	103.2	102.1	102.6	106.2	103.4	102.6
1969	99.9	102.4	101.0	105.0	100.1	105.1	100.8	104.2	101.6
1970	101.2	103.5	102.2	104.5	100.8	103.9	106.4	104.4	102.1
1971	100.3	105.7	102.7	101.3	98.4	104.0	106.3	104.5	100.6
1972	94.2	105.0	99.0	100.8	99.5	106.0	109.3	106.7	102.1
1973	93.9	107.0	99.6	97.4	100.1	109.5	117.4	111.1	104.1
1974	97.9	100.2	98.9	87.2	100.9	108.4	111.5	109.1	103.9
1975	105.0	110.0	107.2	87.3	100.3	107.6	104.8	107.0	102.7
1976	106.5	109.2	107.7	90.0	101.2	109.4	112.2	109.9	104.4
1977	104.2	108.1	105.9	94.5	103.6	108.8	112.5	109.6	105.8
1978	102.5	103.3	102.9	102.1	105.0	105.6	117.7	108.1	106.1
1979	106.5	104.7	105.7	97.7	106.1	109.1	122.7	112.0	108.2
1980	112.0	105.5	109.2	87.4	108.1	100.2	113.6	103.0	106.3
1981	116.0	104.1	110.8	98.4	106.7	92.9	124.6	99.5	104.1

Year	Potatoes and sweet- potatoes <sup>5</sup>	Beans, peas, nuts, soya products <sup>3</sup>	Flour and cereal products <sup>4</sup>	Sugars and other sweeten- ers <sup>5</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products	Total
1965	97.4	100.4	100.3	97.7	99.3	97.1	98.2	97.6
1966	105.2	96.5	99.1	98.4	99.5	98.0	99.1	98.5
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	105.9	101.7	100.2	101.6	100.5	101.5	101.4	101.5
1969	108.9	100.1	100.1	104.0	93.6	101.0	102.2	101.6
1970	109.8	98.3	97.9	106.2	93.4	102.0	102.8	102.4
1971	109.6	101.1	98.2	108.0	92.7	103.7	102.7	103.2
1972	110.9	100.7	97.3	109.0	98.8	103.2	103.4	103.3
1973	108.3	106.8	99.1	110.0	97.2	98.3	105.1	101.5
1974	108.3	96.1	98.5	101.0	93.8	100.9	102.7	101.8
1975	112.6	105.3	101.0	104.0	88.1	98.6	104.1	101.3
1976	107.3	102.8	104.1	110.6	92.8	102.6	107.0	104.6
1977	113.5	100.6	101.6	114.1	75.1	102.2	105.8	103.9
1978	116.7	99.9	100.3	114.9	80.3	100.8	106.2	103.4
1979	121.3	98.1	103.8	116.3	82.7	100.3	103.5	104.2
1980	114.4	86.8	103.5	115.5	79.1	100.6	107.3	103.8
1981	115.0	93.3	104.3	116.4	81.1	100.0	106.0	102.8

<sup>1</sup>Quantities of individual foods on a retail-weight basis are combined into indexes using 1967-69 average prices. <sup>2</sup>Includes edible offals. <sup>3</sup>Data for melons, fresh vegetables, potatoes and sweetpotatoes, and dry beans and peas include consumption from home garden products. <sup>4</sup>Corn sugar and sirup are with sugars and other sweeteners. <sup>5</sup>Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.

Table 715.—All Foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1965-80 <sup>1</sup>

Year	Meat, poultry, fish				Eggs	Dairy products, including butter	Fats and oils			
	Meat <sup>2</sup>	Poultry	Fish <sup>3</sup>	Total			Excluding butter	Including butter <sup>4</sup>		
								Animal	Vegetable	Total
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1965.....	148.3	41.1	14.2	203.6	39.9	354	44.4	17.8	33.2	51.0
1966.....	151.5	43.8	14.4	209.7	39.5	351	47.2	16.6	36.2	52.8
1967.....	158.5	45.3	14.2	218.0	40.6	342	46.8	17.0	35.4	52.4
1968.....	162.1	45.0	14.8	221.9	40.2	342	48.4	17.7	36.6	54.3
1969.....	161.4	47.1	15.1	223.6	39.3	339	49.3	15.8	39.1	54.9
1970.....	164.8	48.8	15.8	229.4	39.1	336	50.4	15.2	40.7	55.9
1971.....	170.1	49.0	15.6	234.7	39.5	334	49.8	15.5	39.5	55.0
1972.....	166.1	51.1	16.6	233.8	38.7	334	51.5	14.4	42.3	56.7
1973.....	153.9	49.3	17.0	220.2	36.8	330	51.8	12.6	43.9	56.5
1974.....	164.3	49.9	16.3	230.5	36.1	319	51.0	12.9	42.6	55.5
1975.....	156.4	49.0	16.4	221.8	35.2	324	50.7	11.4	44.1	55.5
1976.....	166.1	52.2	17.2	235.5	34.2	322	53.7	10.7	47.4	58.1
1977.....	165.2	53.6	16.8	235.6	33.9	318	51.8	11.1	45.0	56.1
1978.....	158.9	56.3	17.5	232.7	34.5	316	53.3	11.4	46.3	57.7
1979.....	157.7	60.9	17.1	235.7	35.2	312	54.4	11.9	47.1	59.0
1980.....	159.7	61.0	16.9	237.6	34.6	308	54.6	11.9	47.1	59.0
1981.....	157.1	62.8	17.1	237.0	33.6	304	55.7	11.6	48.4	60.0

  

Year	Fruits				Melons <sup>5</sup>	Vegetables				
	Fresh	Processed	Total	Total		Fresh <sup>5</sup>	Processed			Total <sup>5</sup>
							Canned	Frozen	Total	
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1965.....	78.7	48.0	126.7	25.4	140.8	46.9	8.0	55.0	195.8	
1966.....	79.2	49.4	128.6	24.0	138.4	47.3	8.8	56.1	194.5	
1967.....	79.5	52.1	131.6	24.3	140.7	49.0	9.0	58.0	198.7	
1968.....	76.3	51.2	127.5	24.9	143.6	50.5	9.6	60.1	203.7	
1969.....	77.0	55.6	132.6	24.8	141.1	51.6	9.1	60.7	201.8	
1970.....	78.9	55.6	134.5	25.1	141.4	51.1	9.6	60.7	202.1	
1971.....	78.2	55.8	134.0	24.5	138.1	51.2	9.6	60.8	199.0	
1972.....	74.9	55.0	129.9	23.8	139.1	52.2	9.9	62.1	201.2	
1973.....	73.8	56.3	130.1	23.6	139.8	54.0	10.6	64.6	204.4	
1974.....	76.4	52.1	128.4	21.0	141.6	52.9	10.1	63.0	204.6	
1975.....	80.8	56.5	137.3	21.2	140.3	51.9	9.6	61.4	201.8	
1976.....	82.8	55.6	138.5	22.3	141.3	53.0	10.1	63.1	204.4	
1977.....	79.5	55.0	134.6	23.1	143.6	53.1	10.2	63.3	206.9	
1978.....	79.0	55.2	134.2	23.8	145.4	51.8	10.7	62.5	207.9	
1979.....	80.8	55.5	136.2	22.9	146.4	53.2	11.2	64.4	210.8	
1980.....	85.7	55.4	141.2	20.9	149.0	49.8	10.4	60.2	209.2	
1981.....	87.3	55.0	142.3	23.0	147.1	45.9	11.3	57.2	204.3	

  

Year	Potatoes and sweet-potatoes <sup>6</sup>	Beans, peas, nuts, soya products <sup>7</sup>	Flour and cereal products <sup>8</sup>	Sugars and other sweeteners <sup>9</sup>	Coffee, tea, cocoa	All foods		
						Animal products	Crop products <sup>10</sup>	Total
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1965.....	86.1	16.5	145	112.1	15.1	609	760	1,369
1966.....	91.8	15.9	143	112.6	15.1	611	766	1,377
1967.....	82.4	16.5	145	114.6	15.2	612	768	1,380
1968.....	87.3	16.4	145	116.6	15.3	616	778	1,394
1969.....	84.7	16.6	145	119.4	14.1	612	783	1,395
1970.....	82.3	16.1	142	121.4	14.2	614	783	1,397
1971.....	81.4	16.4	142	123.8	13.8	618	782	1,400
1972.....	82.2	15.9	141	124.9	14.7	616	783	1,399
1973.....	78.0	18.5	144	125.7	14.2	594	799	1,384
1974.....	74.7	16.1	143	122.7	13.4	594	774	1,368
1975.....	81.2	17.9	146	119.8	12.6	588	790	1,378
1976.....	77.7	17.3	150	127.2	13.2	598	805	1,404
1977.....	81.9	17.0	147	130.6	10.3	594	804	1,398
1978.....	81.6	16.3	145	131.5	11.3	590	805	1,395
1979.....	89.2	15.9	150	133.1	11.8	590	825	1,415
1980.....	84.3	14.4	150	133.3	11.1	587	820	1,407
1981.....	79.4	15.0	151	134.9	11.4	582	818	1,400

See footnotes on page 520.

**Table 716.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States and for families by region, for one week, January 1982<sup>1</sup>**

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
<b>FAMILIES</b>				
<i>Dollars</i>				
United States:				
Family of 2: <sup>2</sup>				
20-54 years.....	33.50	43.30	54.20	64.90
55 years and over.....	30.30	38.80	48.00	57.30
Family of 4:				
Children, 1-2 and 3-5 years.....	47.70	60.90	75.90	90.80
Children, 6-8 and 9-11 years.....	57.50	73.80	92.30	110.40
<b>INDIVIDUALS<sup>3</sup></b>				
United States:				
Child:				
7 months to 1 year.....	6.90	8.40	10.30	12.10
1-2 years.....	7.80	9.80	12.10	14.40
3-5 years.....	9.40	11.70	14.50	17.40
6-8 years.....	12.00	15.80	19.10	22.80
9-11 years.....	15.00	19.10	23.90	28.60
Male:				
12-14 years.....	16.00	20.20	25.20	30.10
15-19 years.....	17.50	22.20	27.80	33.40
20-54 years.....	16.80	21.80	27.40	32.90
55 years and over.....	15.00	19.30	23.90	28.70
Female:				
12-19 years.....	14.20	18.10	22.30	26.60
20-54 years.....	13.70	17.60	21.90	26.10
55 years and over.....	12.50	16.00	19.70	23.40
Pregnant.....	17.20	21.80	26.80	31.80
Nursing.....	18.20	23.10	28.70	34.10
<b>FAMILIES</b>				
Northeast:				
Family of 2: <sup>2</sup>				
20-54 years.....		45.80	58.80	71.10
55 years and over.....		40.70	51.80	62.30
Family of 4:				
Children, 1-2 and 3-5 years.....		64.20	82.10	99.10
Children, 6-8 and 9-11 years.....		77.60	99.70	120.40
North Central:				
Family of 2: <sup>2</sup>				
20-54 years.....		44.40	54.80	66.20
55 years and over.....		39.90	48.50	58.50
Family of 4:				
Children, 1-2 and 3-5 years.....		62.80	76.90	92.80
Children, 6-8 and 9-11 years.....		76.00	93.70	113.10
South:				
Family of 2: <sup>2</sup>				
20-54 years.....		42.60	53.10	63.40
55 years and over.....		37.70	46.60	55.30
Family of 4:				
Children, 1-2 and 3-5 years.....		59.60	74.10	88.20
Children, 6-8 and 9-11 years.....		72.30	90.10	107.40
West:				
Family of 2: <sup>2</sup>				
20-54 years.....		44.40	55.70	66.80
55 years and over.....		39.70	49.20	58.80
Family of 4:				
Children, 1-2 and 3-5 years.....		62.80	78.10	94.00
Children, 6-8 and 9-11 years.....		76.20	95.20	114.50

<sup>1</sup>Estimated from quantities in the thrifty food plan shown in *Agricultural Statistics, 1976*, table 763 and in the other three food plans shown in *Agricultural Statistics, 1975*, table 764. The costs of the food plans were first estimated by using the average price per pound of each food group paid by urban survey families at four selected food cost levels in 1965-66. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics.

<sup>2</sup>Ten percent added for family size adjustment. (See footnote 3.)

<sup>3</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- or 6-person-subtract 5 percent; 7-or-more-person-subtract 10 percent.

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**Table 717.—Food and Nutrition Service programs: Quantity and cost of Federal assistance School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, fiscal years 1965-81**

Year ending June 30 <sup>1</sup>	School feeding					Special milk		Institutions and needy persons (food distributed) <sup>6</sup>	
	Cash payments			Food distributed <sup>5</sup>		Quantity	Cash pay- ments	Quantity	Cost
	Lunch <sup>2</sup>	Break- fast <sup>3</sup>	Equip- ment assist- ance <sup>4</sup>	Quantity	Cost				
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 pounds	1,000 dollars	1,000 ½ pints	1,000 dollars	1,000 pounds	1,000 dollars
1965.....	130,435			972,656	272,408	2,966,766	97,417	1,312,816	256,701
1966.....	141,090			788,037	174,856	3,059,125	96,523	1,000,074	151,029
1967.....	149,685	566	710	833,380	188,358	3,027,203	99,170	848,572	116,209
1968.....	159,754	1,985	741	1,026,555	275,977	3,035,687	101,752	871,326	147,263
1969.....	203,796	5,402	10,396	1,041,995	272,089	2,944,423	101,281	1,200,266	250,353
1970.....	300,258	10,786	16,705	1,073,205	265,839	2,901,931	101,164	1,330,381	311,876
1971.....	532,191	19,383	36,404	1,108,657	279,184	2,569,975	91,082	1,465,652	345,704
1972.....	738,764	24,934	16,646	1,185,657	314,763	2,498,215	90,286	1,363,031	337,537
1973.....	879,928	34,411	15,284	980,080	331,013	2,533,810	90,534	1,109,563	282,085
1974.....	1,082,731	58,897	27,191	960,862	319,218	1,425,923	49,158	708,103	229,288
1975.....	1,288,182	86,090	25,430	763,956	*428,451	2,152,775	123,726	201,275	75,996
1976.....	1,493,608	113,169	26,078	853,252	*429,590	2,305,143	144,080	<sup>10</sup> 131,121	<sup>19</sup> 53,518
( <sup>11</sup> ).....	(192,642)	(16,963)	(6,429)	(143,610)	<sup>12</sup> 53,435	(313,429)	(20,592)	<sup>10</sup> (30,628)	<sup>12</sup> (12,189)
1977 <sup>1</sup> .....	1,673,962	147,799	26,602	1,101,384	<sup>14</sup> 555,215	2,247,415	153,345	<sup>10</sup> 150,338	<sup>10</sup> 152,036
1978 <sup>1</sup> .....	1,825,035	177,717	25,953	1,105,134	<sup>16</sup> 623,965	1,985,545	141,903	<sup>10</sup> 156,076	<sup>10</sup> 179,275
1979 <sup>1</sup> .....	2,009,711	224,100	24,026	( <sup>18</sup> )	<sup>17</sup> 700,739	1,856,715	141,135	( <sup>18</sup> )	<sup>10</sup> 200 138,635
1980 <sup>1</sup> <sup>21</sup> .....	2,307,134	289,210	20,000	( <sup>18</sup> )	<sup>22</sup> 940,628	1,823,657	152,225	( <sup>18</sup> )	<sup>23</sup> 176,926
1981 <sup>1</sup> <sup>21</sup> .....	2,408,078	332,469	15,000	( <sup>18</sup> )	( <sup>24</sup> )	925,563	109,586	( <sup>18</sup> )	<sup>25</sup> 205,500

<sup>1</sup>Data for fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 beginning 1977.

<sup>2</sup>Schools are reimbursed on the basis of the type of meal served (Free, Reduced price or paid) at rates set by law. Program started Feb. 1943.

<sup>3</sup>A subsidy program to schools started in January 1967.

<sup>4</sup>A subsidy program which aids in the purchase of school lunch equipment. The program started in fiscal year 1967.

<sup>5</sup>Distribution, without charge to recipients, of food commodities acquired by the Government. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible are school lunch programs, school breakfast programs and child care centers.

<sup>6</sup>Includes distribution to charitable institutions, needy families, NPE, and Commodity Supplemental Food Program.

<sup>7</sup>Includes \$70,809,000 cash in lieu of commodities.

<sup>8</sup>Includes \$5,175,000 cash in lieu of commodities.

<sup>9</sup>Includes \$49,562,000 cash in lieu of commodities.

<sup>10</sup>Includes Nutrition Program for the Elderly.

<sup>11</sup>Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>12</sup>Includes \$2,533,000 cash in lieu of commodities.

<sup>13</sup>Includes \$48,688 cash in lieu of commodities to the Nutrition Program for the Elderly (NPE).

<sup>14</sup>Includes \$53,396,281 in lieu of commodities.

<sup>15</sup>Includes \$405,823 cash in lieu of commodities to NPE.

<sup>16</sup>Includes \$95,541,743 cash in lieu of commodities.

<sup>17</sup>Includes \$22,008,000 cash in lieu of commodities to NPE.

<sup>18</sup>Not available.

<sup>19</sup>Includes \$22,830,000 cash in lieu of commodities.

<sup>20</sup>Includes \$34,459,091 cash in lieu of commodities to NPE.

<sup>21</sup>Preliminary.

<sup>22</sup>Includes \$30,241,000 cash in lieu of commodities.

<sup>23</sup>Includes \$41,331,000 cash in lieu of commodities to NPE.

<sup>24</sup>Includes \$28,993,000 cash in lieu of commodities.

<sup>25</sup>Includes \$62,251,361 cash in lieu of commodities to NPE.

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#### FOOTNOTES FOR TABLE 715

<sup>1</sup>Quantity data used in computing per capita food consumption indices table 763. 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 offals.

<sup>3</sup>Includes game fish.

<sup>4</sup>Includes product weight of butter and margarine and other items in terms of fat content.

<sup>5</sup>Includes consumption of home garden produce.

<sup>6</sup>Data not comparable to pre-1960 figures. Data have been revised to reflect conversion from processed weight to fresh weight equivalent for dehydrated potatoes, frozen potatoes and chips and shoestrings.

<sup>7</sup>Soya products are approximated.

<sup>8</sup>Corn sugar and sirups are with sugars and other sweeteners.

<sup>9</sup>Excludes sugar used in production of canned and frozen fruits, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.

<sup>10</sup>Includes spices and herbs, estimates of fruits and vegetables used in soups and baby foods and since 1971, dehydrated onions.

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Table 718.—Food Stamp Program: Participation and value of coupons issued, 1965-81

Year ending June 30 <sup>1</sup>	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Federal subsidy
	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1965 .....	110	424,652	85,472	52,967	32,505
1966 .....	324	864,344	174,232	109,419	64,813
1967 .....	838	1,447,097	296,106	190,556	105,550
1968 .....	1,027	2,209,964	451,801	278,659	173,142
1969 .....	1,489	2,878,113	603,351	374,532	228,819
1970 .....	1,747	4,340,030	1,089,961	540,297	549,664
1971 .....	2,027	9,367,908	2,713,273	1,190,524	1,522,749
1972 .....	2,126	11,109,074	3,308,648	1,511,362	1,797,286
1973 .....	2,228	12,165,682	3,883,952	1,752,547	2,131,405
1974 .....	2,818	12,861,526	4,727,451	2,009,155	2,718,296
1975 .....	( <sup>2</sup> )	17,064,196	7,265,642	2,880,141	4,385,501
1976 .....	( <sup>2</sup> )	18,548,715	8,700,209	3,373,704	5,326,505
( <sup>2</sup> ) .....	( <sup>2</sup> )	(17,257,140)	(2,087,116)	(819,067)	(1,268,049)
1977 <sup>1</sup> .....	( <sup>2</sup> )	17,057,598	8,339,805	3,282,081	5,057,724
1978 <sup>1</sup> .....	( <sup>2</sup> )	16,043,861	8,310,918	3,145,710	5,165,209
1978 <sup>1 4</sup> .....	( <sup>2</sup> )	17,669,985	7,223,376	<sup>5</sup> 745,310	6,478,066
1980 <sup>1 5</sup> .....	( <sup>2</sup> )	21,072,566	8,686,098	( <sup>5</sup> )	8,686,098
1981 <sup>1 5</sup> .....	( <sup>2</sup> )	22,158,000	10,633,098	( <sup>5</sup> )	10,633,098

<sup>1</sup> Data for fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 beginning 1977.

<sup>2</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>3</sup> Nationwide with exception of some Indian Reservations.

<sup>4</sup> Recipient payments phased out, effective Jan. 1, 1979; equivalent benefit levels maintained, without requiring cash outlay by recipient.

<sup>5</sup> Preliminary.

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Table 719.—Food and Nutrition Service programs: Cash payments under Special Milk, National School Lunch, Breakfast, Equipment Assistance, and Food Stamp Programs and value of food distributed, by States and Territories, fiscal year 1981

State or Territory	Child feeding programs (Cash payments only) <sup>1</sup>						Commodity distribution <sup>1,2</sup>	Food Stamp Program <sup>1</sup>	Total <sup>3</sup>
	Child Care Food	Summer Feeding	Special Milk	National School Lunch	Breakfast	Equipment Assistance <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	
Ala.....	8,524	4,651	2,265	64,273	11,430	256	292,887	384,286	
Alaska.....	1,684	3	152	4,686	369	41	30,386	37,321	
Ariz.....	4,451	910	636	24,228	3,217	161	124,488	158,091	
Ark.....	2,344	357	984	38,209	4,283	164	138,473	179,814	
Calif.....	28,716	7,233	9,744	230,806	41,155	1,671	600,140	919,465	
Colo.....	7,820	895	841	22,308	2,011	157	87,590	121,622	
Conn.....	2,762	1,285	2,073	22,695	837	189	71,183	101,024	
Del.....	1,088	609	284	5,172	842	34	27,147	35,176	
D.C.....	1,479	214	184	8,375	1,804	37	47,103	59,196	
Fla.....	11,457	5,843	1,853	107,318	13,976	467	503,008	643,922	
Ga.....	9,187	4,137	2,399	82,607	11,982	392	306,427	417,131	
Guam.....	54	2		1,970	570	6	17,864	20,466	
Hawaii.....	1,148	414	183	12,555	2,055	74	69,244	85,673	
Idaho.....	591	63	159	8,145	209	56	34,533	43,756	
Ill.....	12,623	4,910	6,788	96,462	9,515	863	505,949	637,110	
Ind.....	4,725	2,409	2,963	41,067	2,863	273	204,111	258,411	
Iowa.....	2,471	377	1,672	23,605	1,105	183	75,367	104,780	
Kans.....	3,954	127	1,105	19,044	834	133	52,106	77,303	
Ky.....	2,938	1,674	3,370	49,130	11,273	239	267,965	336,589	
La.....	3,858	3,382	413	69,032	10,187	428	270,378	357,678	
Maine.....	1,149	316	902	13,470	1,059	87	69,475	86,458	
Md.....	3,711	1,619	2,426	34,185	4,692	343	170,709	217,685	
Mass.....	9,003	500	4,017	48,266	5,052	376	190,594	257,808	
Mich.....	13,558	3,403	6,621	69,875	4,789	645	396,399	495,290	
Minn.....	12,774	659	2,646	32,012	1,516	229	84,226	134,062	
Miss.....	7,488	2,907	1,115	52,510	7,901	203	234,685	306,809	
Mo.....	5,126	986	2,163	47,506	4,387	236	183,062	243,430	
Mont.....	1,564	229	359	6,029	654	82	22,483	31,400	
Nebr.....	1,769	211	611	12,283	610	129	31,218	46,831	
Nev.....	589	118	64	5,218	1,033	44	20,778	27,844	
N.H.....	1,106	283	940	7,227	419	54	26,959	36,988	
N.J.....	8,141	5,729	4,935	65,517	5,503	482	279,396	369,703	
N. Mex.....	2,712	584	509	19,952	2,515	61	89,526	115,859	
N.Y.....	28,612	32,044	11,300	187,602	27,804	1,529	877,852	1,166,743	
N.C.....	6,731	2,462	3,869	91,792	20,737	531	272,121	398,243	
N. Dak.....	1,968	158	426	5,610	277	34	12,066	20,539	
N. Mari- anas.....	64	7		497	260			828	
Ohio.....	9,572	1,598	5,893	91,855	13,303	534	509,317	632,072	
Okla.....	3,197	709	841	30,008	3,828	158	82,416	121,157	
Oreg.....	3,064	277	902	19,423	1,177	192	132,350	157,385	
Pa.....	11,286	9,900	4,127	96,952	5,841	600	492,025	620,731	
P.R.....		3,314	310	74,096	12,051	170	879,116	969,057	
R.I.....	1,260	894	573	7,716	701	27	40,586	51,757	
Samoa, Ameri- can.....				947	482	6		1,435	
S.C.....	3,953	5,436	596	52,711	8,013	227	211,986	282,922	
S. Dak.....	1,179	286	473	7,868	610	53	20,997	31,466	
Tenn.....	5,047	1,443	2,312	56,967	7,683	218	339,481	413,151	
Tex.....	15,060	6,115	3,405	177,101	42,649	732	600,275	845,337	
Trust Terri- tory.....	315			5,076	1,481	21		6,893	
Utah.....	1,949	212	240	14,306	589	82	29,876	47,254	
Va.....	409	51	620	4,558	169	29	21,945	27,781	
Va.....	3,647	1,295	2,094	52,914	5,692	297	200,453	266,392	
V.I.....	275	267	44	3,007	70	9	20,784	24,456	
Wash.....	11,558	405	1,263	26,845	2,297	198	135,139	177,705	
W. Va.....	1,663	643	664	23,928	4,846	149	121,875	153,768	
Wis.....	3,850	656	4,204	32,351	1,186	380	99,368	141,995	
Wyo.....	822	13	54	2,728	76	29	7,248	10,970	
Dept of Defense Schools.....				483				483	
Total.....	296,045	125,224	109,586	2,408,078	332,469	15,000	*1,131,063	*15,050,563	

<sup>1</sup> Preliminary.

<sup>2</sup> Total cost to the Government, and includes commodity cost plus reprocessing, packaging, transportation costs, and miscellaneous handling charges for all FNS programs, except the Special Supplemental Food Program (WIC), which utilize or distribute commodities.

<sup>3</sup> State totals do not include cost of commodities received. Data currently not available.

<sup>4</sup> Includes \$91,240,363 cash in lieu of commodities.

<sup>5</sup> Includes \$1,131,063 thousand not included in State totals.

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**Table 720.—Food and Nutrition Service programs: Persons participating, fiscal years 1965-81 <sup>1</sup>**

Year ending June 30 <sup>2</sup>	Children in school lunch program receiving benefits through—		
	Cash payments <sup>3</sup>		Food distribution <sup>4</sup> (peak month)
	Average monthly	Peak month	
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
1965.....	14,079	18,666	20,390
1966.....	14,981	19,781	21,394
1967.....	15,296	20,237	21,882
1968.....	15,572	20,614	21,104
1969.....	16,667	22,079	24,056
1970.....	17,539	23,127	25,479
1971.....	19,062	24,640	24,906
1972.....	19,380	24,941	25,142
1973.....	19,534	25,075	25,151
1974.....	24,493	24,988	25,143
1975.....	25,004	25,257	25,422
1976.....	25,594	26,055	26,174
( <sup>5</sup> ).....	(25,104)	(25,104)	(25,166)
1977 <sup>2</sup> .....	26,284	27,020	27,072
1978.....	26,702	27,099	27,159
1979.....	27,050	27,283	27,340
1980 <sup>6</sup> .....	26,608	27,067	27,099
1981 <sup>6</sup> .....	25,792	26,764	26,795

<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 9 months of the school year contained in that fiscal year.

<sup>2</sup> Data for fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 beginning 1977.

<sup>3</sup> See footnote 2, table 717.

<sup>4</sup> Participation for NSLP schools plus commodity only schools.

<sup>5</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>6</sup> Preliminary.

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**Table 721.—Consumers' prices: Index number of prices paid for goods and service, United States, 1965-81 <sup>1</sup>**

[1967=100]

Year	Food	Nonfood items						All items	
		Apparel and upkeep	Housing		Transportation	Medical care	Personal care		Other goods and services
			Total	Rent					
1965.....	94.4	93.7	94.9	96.9	95.9	89.5	95.2	94.5	
1966.....	99.1	96.1	97.2	98.2	97.2	93.4	97.1	97.2	
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
1968.....	103.6	105.4	104.0	102.4	103.2	106.1	104.2	104.2	
1969.....	108.9	111.5	110.4	105.7	107.2	113.4	109.3	110.4	
1970.....	114.9	116.1	118.2	110.1	112.7	120.6	113.2	116.8	
1971.....	118.4	119.8	123.4	115.2	118.6	128.4	116.8	122.4	
1972.....	123.5	122.3	128.1	119.2	119.9	132.5	119.8	127.5	
1973.....	141.4	126.8	133.7	124.3	123.8	137.7	125.2	132.5	
1974.....	161.7	136.2	148.8	130.6	137.7	150.5	137.3	142.0	
1975.....	175.4	142.3	164.5	137.3	150.6	168.6	150.7	153.9	
1976.....	180.8	147.6	174.6	144.7	165.5	184.7	160.5	162.7	
1977.....	192.2	154.2	186.5	153.5	177.2	202.4	170.9	172.2	
1978.....	211.4	159.6	202.8	164.0	185.5	219.4	182.0	183.3	
1979.....	234.5	166.6	227.6	176.0	212.0	239.7	195.8	196.7	
1980.....	254.6	178.4	263.3	191.6	249.7	265.9	213.1	214.5	
1981.....	274.6	186.9	293.5	208.2	280.0	294.5	232.0	235.7	

<sup>1</sup> Reflects retail prices of goods and services usually bought by average families in urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor. Beginning 1978 data are for all urban consumers; earlier data are for urban wage earners and clerical workers.

Economic Research Service. Compiled from data of the U.S. Department of Labor.

## 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; statistics on fishery products; tables on refrigerated warehouses; commodity futures statistics; and statistics on crops in Alaska.

### Foreign Agricultural Trade Statistics

U.S. foreign agricultural trade statistics are based on documents filed by exporters and compiled by 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 raw hides 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 by U.S. Customs authorities.

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 \$251 (\$100 prior to October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in shipments under Public Law 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under the Foreign Assistance Act of 1961, as amended; 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 of 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. Since substantial amounts of agricultural commodities such as wheat, corn, and soybeans are transshipped through the Netherlands, West Germany, and Belgium, exports of those countries are overstated. Exports to final destinations including the United Kingdom, France, Spain, East Germany, and other countries are understated. Except for Canada, export shipments valued \$251-\$999 (\$100-\$499 prior to October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$251-\$1,999 (\$100-\$1,999 prior to October 1969) are sampled. Prior to January 1, 1973, shipments of grains and oilseeds to Canada were greatly overstated because of transshipments. After January 1, 1973, shipments to Canada of wheat, rye, barley, oats, corn, soybeans, and flaxseed from certain U.S. ports to certain Canadian ports were designated as exports to "unidentified countries."

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. 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. Low-valued shipments under \$251 are reflected in nonagricultural and overall import totals.

Table 722.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1965-81

Year ending Sept. 30 <sup>1</sup>	Total domestic exports	Agricultural exports <sup>2</sup>		Total imports for consumption	Agricultural imports (for consumption)					Excess of domestic agricultural exports over supplementary imports
		Domestic	Percent-age (domestic) of total exports		Total	Supplementary <sup>3</sup>	Complementary <sup>3</sup>	Supplementary		
								Percent-age of total agricultural exports	Percent-age of total agricultural imports	
	Million dollars	Million dollars	Percent	Million dollars	Million dollars	Million dollars	Million dollars	Percent	Percent	Million dollars
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.....	35,221	5,741	16	34,175	4,931	3,072	1,859	54	62	2,569
1970.....	41,059	6,721	16	38,219	5,592	3,451	2,141	51	62	3,270
1971.....	43,663	7,758	18	42,724	5,828	3,684	2,144	47	63	4,074
1972.....	44,848	8,047	18	50,056	6,048	3,957	2,092	49	65	4,090
1973.....	57,815	12,902	22	61,389	7,324	4,707	2,617	36	64	8,195
1974.....	84,924	21,293	25	82,503	9,549	6,272	3,277	29	66	15,021
1975.....	102,858	21,578	21	101,060	9,579	6,821	2,758	32	71	14,757
1976.....	109,389	22,147	20	105,883	10,107	6,289	3,818	28	62	15,858
( <sup>4</sup> ).....	(27,313)	(5,356)	(20)	(31,686)	(2,804)	(1,597)	(1,207)	(30)	(43)	(3,759)
1977.....	119,052	23,974	20	142,418	13,357	6,548	6,809	27	49	17,426
1978.....	131,487	27,289	21	166,008	13,886	7,314	6,572	27	53	19,975
1979.....	167,488	31,979	19	193,610	16,186	9,075	7,110	28	56	22,904
1980.....	210,327	40,467	19	240,866	17,276	9,924	7,351	25	57	30,543
1981 <sup>5</sup> .....	229,232	43,780	19	255,536	17,218	11,302	5,916	26	66	32,478

<sup>1</sup>Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-1981.

<sup>2</sup>Includes food exported for relief or charity by individuals and private agencies.

<sup>3</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 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>4</sup>Transition quarter July 1, 1976 to September 30, 1976.

<sup>5</sup>Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 723.—Agricultural exports: Quantity Indexes, United States, fiscal years 1965-81

(Calendar year 1967=100)

Year ending Sept. 30 <sup>1</sup>	Total agricultural exports <sup>2</sup>	Animals and animal products	Meat and meat products <sup>3</sup>	Animal fats <sup>3</sup>	Dairy products <sup>3</sup>	Poultry and poultry products <sup>3</sup>	Cotton and lintners	Tobacco unmanufactured	Grains and feeds	Vegetable oils and oil-seeds	Fruits and vegetables
1965.....	98	130	118	117	240	114	113	84	92	99	95
1966.....	107	108	101	90	154	120	78	83	117	102	106
1967.....	104	101	106	96	99	105	115	110	103	95	106
1968.....	101	96	91	98	95	98	101	100	104	99	91
1969.....	92	110	129	97	125	92	69	100	85	106	93
1970.....	106	101	113	99	90	83	75	101	97	148	109
1971.....	118	125	111	122	90	71	97	104	91	201	111
1972.....	120	149	130	111	172	95	88	100	88	205	115
1973.....	154	125	181	106	58	98	126	103	167	184	123
1974.....	165	130	179	110	39	110	152	121	179	189	136
1975.....	147	136	189	112	56	104	103	112	156	158	144
1976.....	167	144	256	84	44	149	86	105	184	195	161
( <sup>4</sup> ).....	(160)	(153)	(266)	(104)	(56)	(201)	(92)	(75)	(198)	(131)	(165)
1977.....	177	170	303	127	53	208	115	114	182	197	184
1978.....	204	166	277	119	55	270	146	105	216	264	160
1979.....	211	162	268	119	48	290	148	111	225	273	164
1980.....	246	179	280	141	60	437	216	109	261	319	186
1981 <sup>5</sup> .....	235	191	297	140	61	525	134	97	270	268	220

<sup>1</sup>Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-81.

<sup>2</sup>Based on 90 percent of total value of U.S agricultural imports in 1967.

<sup>3</sup>Included in "Animals and animal products."

<sup>4</sup>Transition quarter July 1, 1976 to Sept. 30, 1976.

<sup>5</sup>Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 724.—Agriculture imports: Quantity indexes, United States, fiscal years 1965-81

[Calendar year 1967=100]

Year ending Sept. 30 <sup>1</sup>	Total agricultural imports <sup>2</sup>	Complementary imports <sup>3</sup>	Supplementary imports <sup>3</sup>	Animals and animal products	Dairy products <sup>4</sup>	Hides and skins <sup>4</sup>	Meat and meat products <sup>4</sup>	Wool excluding free in bond <sup>4</sup>	Grains and feeds	Vegetable oils and oil-seeds	Sugar, molasses, and sirups	Tobacco unmanufactured
1965.....	90	95	85	81	62	144	71	124	124	93	82	91
1966.....	103	111	95	106	69	141	90	166	95	92	83	88
1967.....	100	98	100	102	113	108	97	104	105	101	101	95
1968.....	105	104	105	108	94	121	107	115	92	97	102	111
1969.....	107	103	110	115	122	102	115	100	96	105	103	103
1970.....	111	104	116	121	116	82	128	81	131	104	107	103
1971.....	123	106	134	128	129	232	129	50	194	121	117	118
1972.....	128	113	139	126	121	176	184	32	222	127	122	138
1973.....	136	117	149	139	155	178	145	31	260	138	113	132
1974.....	137	115	153	146	301	155	141	13	242	119	121	149
1975.....	116	95	131	108	128	145	117	12	243	134	102	171
1976.....	136	117	149	131	144	204	134	35	246	198	98	164
(9).....	(135)	(108)	(154)	(130)	(152)	(132)	(138)	(35)	(244)	(196)	(122)	(167)
1977.....	140	107	163	133	172	180	125	40	255	186	113	162
1978.....	123	96	131	125	145	82	138	25	87	152	104	169
1979.....	132	110	150	138	160	80	159	32	141	138	99	184
1980.....	119	101	134	125	151	65	143	32	143	116	92	189
1981 <sup>6</sup> .....	121	99	139	128	164	115	143	30	112	170	88	179

<sup>1</sup> Fiscal years July 1-June 30 for 1965-76; Oct. 1-Sept. 30 for 1977-81.<sup>2</sup> Based on 85 percent of total value of U.S. agricultural imports in 1967.<sup>3</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 90 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, spices, and vegetable fibers.<sup>4</sup> Included in "Animals and animal products."<sup>5</sup> Transition quarter July 1, 1976 to Sept. 30, 1976.<sup>6</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 725.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1980

Commodity	Public Law 480				Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations		Under specified Government programs		Outside specified Government programs <sup>2</sup>	All	
		Government to government and World Food Program	Voluntary agencies					Long-term credit sales <sup>1</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	
Milk, nonfat dry.....		8.8	13.8		22.6	19.8	42.4	
Wheat.....	414.2	33.8	16.1	7.7	471.8	5,851.0	6,322.8	
Rice.....	155.2	32.9	18.4		206.5	963.7	1,170.2	
Corn.....	88.0	25.4	5.9	28.5	147.8	7,694.7	7,842.5	
Grain sorghum.....		8.4			8.4	1,041.5	1,049.9	
Wheat flour.....	117.2	12.6	25.0	3.8	158.6	73.4	232.0	
Cornmeal.....	.2	6.1	7.1		13.4	12.6	26.0	
Sorghum grits.....		1.4	5.6		7.0		7.0	
Bulgur wheat.....	.2	9.7	65.1		75.0	.1	75.1	
Oats, rolled.....		.1	1.3		1.4	1.8	3.2	
Blended food products.....	.3	17.0	50.0		67.3	4.2	71.5	
Tobacco, unmanufactured.....	2.0			35.3	37.3	1,311.2	1,348.5	
Soybeans.....						6,163.6	6,163.6	
Cotton, excluding linters.....	12.3				12.3	3,004.2	3,016.5	
Tallow, inedible.....				78.8	78.8	620.8	699.6	
Soybean oil.....	62.8	63.5	45.9		172.2	609.7	781.9	
Other.....	7.0	2.3	.2	28.6	38.1	11,576.5	11,614.6	
Total.....	859.4	222.0	254.4	132.7	1,518.5	38,948.8	40,467.3	

See footnotes on page 529.

**Table 726.—U.S. agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending Sept. 30, 1981<sup>1</sup>**

Commodity	Public Law 480			Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Title I sales	Title II donations			Under specified Government programs	Outside specified Government programs <sup>3</sup>	All
	Long-term credit sales <sup>2</sup>	Government-to-government and World Food Program	Voluntary agencies				
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	
Milk, nonfat dry.....		15.8	22.0		37.8	7.2	45.0
Variety meats.....						306.5	306.5
Wheat.....	364.5	34.2	12.6	0.8	412.1	7,294.7	7,706.8
Rice.....	117.5	31.9	17.6		167.0	1,370.4	1,537.4
Corn.....	77.2	30.4	3.2	68.2	179.0	8,787.4	8,966.4
Grain sorghum.....		8.1			8.1	1,140.5	1,148.6
Wheat flour.....	131.5	14.4	28.3		174.2	83.8	258.0
Cornmeal.....		9.9	14.1		24.0	16.1	40.1
Sorghum grits.....		1.5	4.4		5.9		5.9
Bulgur wheat.....	.1	14.5	64.6		79.2	4.2	83.4
Oats, rolled.....		.7	2.0		2.7	1.6	4.3
Blended food products.....		22.0	53.1		75.1	5.6	80.7
Beans and peas, dried.....		2.7		10.1	12.8	503.1	515.9
Soya flour, defatted.....			.1		.1	6.2	6.3
Tobacco.....				19.5	19.5	1,319.0	1,338.5
Soybeans.....						5,986.1	5,986.1
Cotton, excluding linters.....	8.4				8.4	2,221.9	2,230.3
Tallow, inedible.....				42.3	42.3	599.7	642.0
Soybean oil.....	67.8	47.4	53.2		168.4	288.3	456.7
Peanut oil.....						21.2	21.2
Other.....	2.5	.1	.3	18.1	21.0	12,379.0	12,400.0
<b>Total.....</b>	<b>769.5</b>	<b>233.6</b>	<b>275.5</b>	<b>159.0</b>	<b>1,437.6</b>	<b>42,342.5</b>	<b>43,780.1</b>

<sup>1</sup>Preliminary. <sup>2</sup>Includes long-term dollar credit and convertible foreign currency sales. <sup>3</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 extension of credit and credit guarantees for relatively short periods.

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**Table 727.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance and total, fiscal years 1976-81<sup>1</sup>**

Type of export	1976	1977	1978	1979	1980	1981 <sup>2</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
<b>Public Law 480:</b>						
Long-term dollar and convertible foreign currency credit sales.....	650	760	739	793	859	769
Government-to-government and World Food Program donations.....	65	92	112	128	222	234
Donations through voluntary agencies.....	192	250	223	265	254	275
Foreign Assistance Act of 1961, as amended (AID).....	216	419	475	304	184	159
<b>Total agricultural exports under specified Government programs.....</b>	<b>1,123</b>	<b>1,521</b>	<b>1,549</b>	<b>1,490</b>	<b>1,519</b>	<b>1,437</b>
	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars	Billion dollars
<b>Commercial exports (sales for dollars):</b>						
Without assistance.....	20.3	21.7	24.2	28.9	37.5	41.0
With assistance <sup>3</sup> .....	.7	.8	1.6	1.6	1.5	1.4
<b>Total commercial exports.....</b>	<b>21.0</b>	<b>22.5</b>	<b>25.7</b>	<b>30.5</b>	<b>39.0</b>	<b>42.4</b>
<b>Total exports.....</b>	<b>22.1</b>	<b>24.0</b>	<b>27.3</b>	<b>32.0</b>	<b>40.5</b>	<b>43.8</b>

See footnotes on page 529.

Table 728.—U.S. agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for fiscal years 1980 and 1981<sup>1</sup>

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1980 (year ending Sept. 30, 1980)									
	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
Bangladesh	64,767								64,767
Bolivia	17,084								17,084
Dominican Republic	6,813	9,614							16,427
Egypt	275,731	9,656							285,387
El Salvador	2,863								2,863
Ghana	5,632	2,452	3,600						11,684
Guinea			4,980			952			5,932
Guyana	273					1,998			2,271
Haiti	5,544		3,025			2,982			11,551
Honduras	595								595
Indonesia	19,550		80,750						100,300
Israel		1,000							1,000
Jamaica	999	7,420				749		2,168	10,806
Kenya	9,968	2,332	4,399						16,699
Korea	12,289	12,144		8,099					32,532
Liberia			2,462						2,462
Mauritius			5,600						5,600
Morocco	8,705								8,705
Mozambique	9,772		1,783						11,555
Nicaragua	8,898					6,999			15,897
Pakistan						49,996			49,996
Peru			19,967						19,967
Philippines	3,233			2,038					5,271
Portugal	11,026	20,500							31,526
Senegal			7,000						7,000
Sierra Leone	457	134			601				1,192
Somalia	5,109	2,884	4,800			4,874			17,667
Sri Lanka	24,690								24,690
Sudan	20,966								20,966
Tanzania		2,479	5,000						7,479
Tunisia	11,860	4,931							16,791
Zaire	8,036		10,509	1,707	1,399				21,651
Zambia	1,998	12,470	1,300			1,245			17,013
Total	536,858	88,016	155,175	11,844	2,000	69,795		1,638	865,326
1981 (year ending Sept. 30, 1981)									
	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
Bangladesh	31,495			5,940		14,935			52,370
Dominican Republic	6,128		7,744						13,872
Egypt	283,678	3,805							287,483
El Salvador	12,296					4,773			17,069
Ghana	5,407	828	7,200						13,435
Guinea	995		5,000			999			6,994
Haiti	5,391		3,496						8,887
Honduras	5,096								5,096
Indonesia	9,847	2,369	44,650						54,497
Jamaica	8,567	2,369	900			2,299		2,887	15,022
Kenya		15,829							15,829
Korea	26,073			1,504					27,577
Liberia			12,534						12,534
Malawi		2,329							2,329
Mauritius	1,395		2,100						3,495
Morocco	24,532								24,532
Nicaragua	1,558								1,558
Pakistan						48,747			48,747
Peru			20,000						20,000
Poland		31,977							31,977
Portugal	4,865	9,453							14,318
Senegal			6,998						6,998
Sierra Leone	495	100	2,900						3,495
Somalia	5,273	3,000	4,598			3,424			16,295
Sri Lanka	17,830								17,830
Sudan	33,838								33,838
Tanzania		7,500							7,500
Tunisia	3,345								3,345
Zaire	10,280		1,690	925					12,895
Zambia	9,872								9,872
Total	508,256	77,190	119,810	8,369		75,177		887	789,689

See footnotes on page 529.



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FOOTNOTES FOR TABLE 725

<sup>1</sup>Includes long-term dollar and convertible foreign currency sales.

<sup>2</sup>Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transaction, shipments of some commodities with governmental assistance in the form of extension of credit and credit guarantees for relatively short periods.

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FOOTNOTES FOR TABLE 727

<sup>1</sup>Fiscal years July 1—June 30 for 1976, Oct. 1—Sept. 30 for 1977-81.

<sup>2</sup>Preliminary.

<sup>3</sup>Includes payments in cash or in kind and sales from CCC stocks at less than domestic market prices; loans and guarantees from Export-Import Bank and credits extended by Commodity Credit Corporation.

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FOOTNOTES FOR TABLE 728

<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).

<sup>2</sup>Blended foods.

FAS-Program Development Division, Exports Credits.

Table 729.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1977–81<sup>1</sup>

Product	1977	1978	1979	1980	1981 <sup>2</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
All commodities.....	119,051,500	131,487,200	167,487,600	210,327,400	229,231,700
Nonagricultural commodities.....	95,077,606	104,198,158	135,509,049	169,860,114	185,451,557
Agricultural commodities.....	23,973,894	27,289,042	31,978,551	40,467,286	43,780,143
Animals and animal products.....	2,645,552	2,828,251	3,642,982	3,756,691	4,106,943
Animals, live excluding poultry.....	101,400	137,501	160,007	155,126	192,125
Cattle.....	62,535	87,421	81,183	51,919	65,211
Other.....	38,865	50,080	78,824	103,207	126,914
Dairy products.....	171,252	155,809	116,128	142,368	237,663
Butter and anhydrous milk fat.....	899	692	1,042	1,078	27,853
Cheese and curd.....	13,508	14,645	15,573	19,323	21,286
Milk, condensed, or evaporated.....	9,740	10,656	12,782	13,689	14,549
Milk, nonfat dry.....	81,732	77,649	27,385	42,458	44,980
Other.....	65,373	52,167	59,346	65,820	128,995
Fats, oils and greases.....	580,408	573,797	704,772	784,366	756,195
Lard and other rendered pig fat.....	43,487	32,738	28,394	25,402	41,133
Tallow, inedible.....	492,418	486,073	622,124	699,574	642,021
Other.....	44,503	54,986	54,254	59,390	73,041
Meats and meat preparations.....	609,081	688,224	844,111	870,703	987,841
Beef and veal, except offals.....	113,442	177,894	235,515	242,059	291,935
Pork, except offals.....	225,747	210,794	242,400	185,028	261,220
Offals, edible, variety meat.....	164,718	188,957	237,477	305,207	306,474
Other.....	105,174	110,579	128,719	138,409	138,212
Poultry and poultry products.....	300,017	331,763	368,121	546,487	765,233
Poultry, live:					
Breeding chicks.....	19,048	24,094	31,037	36,392	43,965
Baby chicks, excluding breeding.....	4,751	4,826	4,639	5,972	8,676
Other.....	6,808	5,324	5,851	4,200	5,844
Poultry meat, fresh, frozen:					
Chickens.....	144,016	154,849	186,292	288,406	407,096
Turkeys.....	29,878	31,841	36,264	42,339	45,581
Other.....	9,812	10,920	12,401	21,859	23,972
Eggs.....	57,225	75,021	67,447	101,364	166,464
Other.....	28,479	24,888	24,190	45,955	63,635
Hides and skins, including furskins.....	797,661	821,557	1,302,285	1,115,610	1,002,019
Cattle hides, whole.....	531,121	548,913	885,710	667,437	600,011
Furskins.....	207,463	209,785	323,668	361,131	320,346
Other.....	59,077	62,859	92,907	87,042	81,662
Other animal products.....	85,733	119,600	147,508	142,031	165,867
Hair, animal, excluding wool or fine hair.....	848	3,201	6,304	5,036	3,793
Sausage casings.....	26,370	23,519	23,779	20,960	21,460
Wool, unmanufactured, including fine hair.....	22,591	25,198	30,050	28,525	31,541
Other.....	35,924	67,682	87,375	87,510	109,073
Vegetable products.....	21,328,342	24,460,791	28,335,619	36,710,595	39,673,200
Cotton, unmanufactured.....	1,538,172	1,706,935	1,909,043	3,033,278	2,247,509
Cotton, raw.....	1,528,814	1,693,725	1,896,193	3,016,471	2,230,326
Linters.....	9,358	13,210	12,850	16,807	17,183
Fruits and preparations.....	803,942	976,477	1,042,482	1,299,696	1,513,246
Canned.....	93,899	114,423	105,477	126,895	134,880
Dried.....	110,423	151,061	126,292	228,882	232,195
Fresh.....	438,342	530,692	611,027	701,963	860,690
Fruit juices.....	142,091	155,523	171,241	210,749	241,005
Other.....	19,187	24,778	28,446	31,207	44,476
Nuts and preparations.....	223,237	287,707	448,572	786,888	598,686
Grains and preparations.....	9,290,444	10,909,971	12,612,492	17,168,316	20,309,657
Feed grains and products.....	5,390,886	5,750,663	6,709,447	9,169,164	10,488,173
Feed grains.....	5,345,299	5,699,870	6,660,010	9,102,183	10,393,395
Barley.....	204,776	84,126	41,242	200,591	260,874
Corn.....	4,500,494	5,069,849	6,061,538	7,842,473	8,966,424
Grain sorghum.....	630,293	524,193	550,704	1,049,872	1,148,598
Oats.....	9,737	21,702	6,526	9,247	17,499
Other.....	45,587	50,793	49,437	66,981	94,778
Rice.....	704,125	872,565	884,140	1,170,161	1,537,387
Wheat and products.....	3,054,330	4,138,653	4,862,434	6,632,586	8,051,700
Wheat.....	2,825,390	3,876,490	4,577,601	6,322,817	7,706,824
Wheat flour.....	177,744	195,367	198,127	231,972	257,971
Other wheat products.....	51,196	66,796	86,706	77,797	86,905
Blended food products.....	60,899	61,428	62,993	71,455	80,720
Other.....	80,204	86,662	93,478	124,950	151,677
Feeds and fodders, excluding oilcake and meal.....	620,460	574,839	774,396	1,092,762	1,058,655
Corn byproducts.....	221,920	237,088	320,340	459,517	492,115
Alfalfa meal and cubes.....	61,121	45,173	60,201	89,493	68,907
Other.....	337,419	292,578	393,855	543,752	497,633

See footnotes at end of table.

**Table 729.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1977–81<sup>1</sup>—Continued**

Product	1977	1978	1979	1980	1981 <sup>2</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>
Vegetable products—Continued					
Oilseeds and products.....	6,388,254	7,440,305	8,554,576	9,810,620	9,305,186
Oilseed cake and meal.....	949,688	1,175,812	1,414,831	1,717,511	1,669,516
Soybean oilseed cake and meal.....	917,865	1,120,894	1,364,939	1,649,597	1,599,486
Other.....	31,823	54,918	49,892	67,914	70,030
Oilseeds.....	4,642,656	5,264,174	5,994,522	6,793,761	6,487,639
Soybeans.....	4,306,554	4,749,049	5,444,670	6,163,625	5,986,159
Other.....	336,102	515,125	549,852	630,136	501,480
Vegetable oils and waxes.....	766,521	957,389	1,092,993	1,244,285	1,095,270
Soybean oil.....	413,070	540,755	705,677	781,878	456,667
Other.....	353,451	416,634	387,316	462,407	638,603
Protein substances.....	29,389	42,930	52,230	55,063	52,762
Tobacco, unmanufactured.....	1,065,316	1,130,033	1,290,963	1,348,549	1,338,529
Flue-cured.....	782,821	888,226	958,715	984,261	977,089
Other.....	282,495	291,107	332,248	364,288	361,440
Vegetable and preparations.....	697,161	649,012	756,371	954,291	1,445,698
Canned.....	76,187	90,308	116,437	124,532	138,709
Pulses.....	113,348	114,875	154,890	284,972	575,594
Fresh.....	244,537	216,114	218,811	227,345	319,026
Hops, including extract.....	29,611	26,780	34,657	51,207	103,198
Other.....	233,478	200,935	281,576	266,235	309,171
Essential oils.....	87,206	84,804	95,875	111,584	109,908
Seeds, except oilseeds.....	152,116	166,425	178,970	247,147	290,225
Other vegetable products.....	462,034	534,283	671,879	857,466	1,455,901

<sup>1</sup>Fiscal year October 1–Sept 30.

<sup>2</sup>Preliminary.

<sup>3</sup>Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

**Table 730.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1977–81<sup>1</sup>**

Product	1977	1978	1979	1980	1981 <sup>2</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>
All commodities.....	142,417,600	166,007,800	193,609,600	240,866,300	255,536,100
Nonagricultural commodities.....	129,060,187	152,121,326	177,422,858	223,590,502	238,318,023
Agricultural commodities.....	13,357,413	13,886,474	16,186,742	17,275,798	17,218,077
Supplementary <sup>3</sup> .....	6,547,956	7,314,484	9,075,342	9,924,402	11,301,782
Animals and animal products.....	2,303,865	2,753,300	3,767,609	3,711,153	3,729,686
Animals, live, excluding poultry.....	236,047	314,778	355,029	466,901	338,687
Cattle, dutiable.....	167,196	217,733	230,255	287,835	189,439
Meats and meat products.....	1,289,144	1,596,676	2,475,623	2,277,476	2,221,953
Meats, Pl. 88–482.....	682,886	950,576	1,683,331	1,553,769	1,404,725
Meats, fresh, frozen.....	699,545	969,997	1,777,040	1,685,112	1,583,378
Beef and veal.....	688,362	955,103	1,689,299	1,551,298	1,403,107
Pork.....	15,752	32,714	66,074	118,856	162,115
Meats, prepared, preserved.....	552,422	560,262	651,246	549,665	584,346
Beef and veal.....	132,463	128,142	203,607	200,864	218,198
Pork.....	412,473	422,896	433,144	335,508	346,722
Mutton, goat, and lamb.....	16,449	27,282	40,387	34,880	43,587
Poultry and products.....	82,047	88,092	46,253	70,372	95,202
Dairy products.....	801,365	324,183	388,218	461,539	523,771
Nonfat dry milk.....	741	725	687	2,241	7,782
Cheese.....	222,168	236,969	276,164	289,325	329,729
Casein and mixtures.....	68,869	75,006	100,300	136,199	145,997
Fats, oils and greases.....	5,001	5,735	6,874	6,921	9,539
Hides and skins.....	211,639	240,874	315,631	227,441	280,515
Sheep and lamb skins.....	65,987	69,215	85,429	49,614	42,191
Furskins.....	117,947	141,067	178,978	135,071	184,182
Wool, unmanufactured excluding free.....	60,080	49,796	50,264	62,631	112,529
Sausage casings.....	41,488	47,251	50,877	52,978	56,705
Other animal products.....	77,054	85,914	78,841	84,894	90,785
Vegetable products.....	4,244,090	4,561,184	5,307,734	6,213,249	7,572,096
Grains and preparations.....	171,655	190,425	225,757	271,285	309,593
Wheat, excluding seed, edible.....	3,282	8	209	111	43
Barley.....	25,066	10,447	17,351	25,008	23,093
Biscuits, wafers.....	59,585	69,322	78,242	91,137	94,830

See footnotes on page 533.

Table 730.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1977–1981<sup>2</sup>—Continued

Product	1977	1978	1979	1980	1981 <sup>2</sup>
Supplementary <sup>1</sup> —Continued	1,000	1,000	1,000	1,000	1,000
Vegetable products—Continued	dollars	dollars	dollars	dollars	dollars
Fruits and preparations.....	372,646	470,644	646,973	572,556	691,073
Fresh or frozen.....	140,307	160,893	191,818	209,391	214,799
Strawberries.....	31,391	28,675	42,815	31,662	30,079
Prepared or preserved.....	179,126	181,425	231,119	219,323	208,508
Pineapples.....	88,650	94,459	108,940	116,150	120,357
Fruit juices.....	55,213	128,314	224,036	143,842	267,766
Nuts and preparations.....	213,757	200,156	237,926	227,761	248,093
Vegetables and preparations.....	616,054	767,866	778,296	852,364	1,026,916
Fresh or frozen.....	263,294	343,214	374,987	379,433	531,869
Tomatoes.....	148,051	164,235	155,460	133,775	241,129
Prepared or preserved.....	352,760	424,652	403,309	472,931	495,047
Olives.....	76,316	70,927	68,380	77,890	78,719
Mushrooms, canned.....	66,884	99,146	90,235	116,453	87,090
Hops and extract, hop equivalent.....	15,559	12,805	16,930	36,970	34,316
Sugar and related products.....	1,104,766	1,046,862	1,089,251	1,843,077	2,416,869
Sugar, cane and beet.....	915,728	880,775	851,621	1,619,379	2,169,512
Molasses inedible.....	93,360	65,948	106,659	101,613	113,923
Confectionery products.....	58,930	57,895	89,602	79,515	81,197
Spices.....	15,618	15,092	17,438	17,079	17,371
Tobacco, unmanufactured.....	314,363	371,459	399,174	401,815	366,336
Tobacco, filler.....	234,897	266,982	266,942	262,098	307,499
Tobacco, scrap.....	71,110	94,736	121,229	125,114	45,382
Beverages, excluding fruit juices.....	547,431	712,342	915,345	1,039,273	1,140,873
Wine.....	384,423	496,456	605,327	678,911	737,484
Malt beverages.....	160,752	213,579	306,754	360,667	393,351
Feeds and fodders.....	63,259	65,332	75,172	81,433	101,981
Oilseeds and products.....	639,326	508,321	668,349	617,407	908,131
Oilseeds and oilnuts.....	89,365	48,532	57,910	52,461	378,060
Flaxseed.....	17,566	3,173	13,392	7,639	30,091
Sesame seed.....	20,632	24,646	32,022	32,401	34,698
Oils and waxes—vegetables.....	545,004	458,028	607,295	559,803	521,911
Castor oil.....	43,301	40,039	38,387	47,447	33,359
Coconut oil.....	254,485	228,879	356,360	292,343	277,014
Olive oil.....	33,233	36,822	41,427	47,687	46,288
Palm oil.....	131,588	74,924	72,975	56,509	71,339
Palm kernel oil.....	42,022	34,828	53,382	73,564	49,335
Cotton, excluding linters.....	13,531	1,771	2,025	1,633	7,303
Cotton linters.....	3,922	4,281	4,873	7,133	2,514
Seeds, field and garden.....	43,294	48,725	49,786	56,262	76,691
Nursery stock.....	80,136	105,492	133,077	146,700	176,372
Other vegetable products.....	44,332	52,414	64,290	77,470	81,980
Complementary <sup>3</sup> .....	6,809,457	6,571,991	7,111,400	7,351,396	5,916,295
Bananas, fresh.....	309,704	336,498	378,130	406,989	501,275
Plantains, fresh.....	9,175	12,384	12,463	13,386	16,536
Coffee, green.....	3,974,216	3,465,818	3,643,844	4,165,693	2,799,720
Coffee, roasted.....	94,963	79,611	72,915	78,084	38,009
Coffee, soluble, extracts.....	313,502	190,526	252,307	249,390	240,169
Cocoa beans.....	475,229	571,342	646,427	398,624	478,474
Cocoa butter.....	95,491	96,085	140,536	207,812	227,875
Cocoa, cake, powder etc.....	167,212	349,719	253,275	125,720	78,024
Chocolate preparations.....	139,313	248,303	248,225	235,835	168,979
Tea, crude or prepared.....	178,058	112,795	119,272	132,844	132,232
Spices.....	132,802	132,153	134,983	139,650	146,194
Pepper, unground, black.....	51,653	50,291	41,650	50,832	40,811
Vanilla beans.....	28,533	21,672	21,864	21,334	30,024
Other.....	52,616	60,290	71,469	67,484	75,359
Rubber, crude, natural:					
Rubber-latex.....	50,838	58,715	63,259	83,905	80,070
Rubber-dry form.....	570,572	607,217	817,069	734,290	678,756
Silk, raw.....	3,614	5,355	8,440	6,588	8,672
Wool, unmanufactured, free.....	32,354	27,972	34,670	45,814	39,124
Fibers, excluding cotton, jute.....	28,279	28,153	29,651	35,065	26,756
Essential oils.....	79,149	82,127	94,505	100,868	83,130
Drugs, crude natural.....	133,357	137,134	130,605	151,094	137,339
Other.....	21,629	30,084	30,823	39,741	34,961

See footnotes on page 533.

**Table 731.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1977-81 <sup>1 2</sup>**

Commodity	1977	1978	1979	1980	1981 <sup>3</sup>
<b>VARIABLE-LEVY 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>
Feed grains.....	1,989,058	1,131,451	1,030,429	1,191,474	1,283,857
Corn.....	1,839,307	1,103,719	1,023,507	1,163,015	1,231,011
Sorghum grain.....	55,554	10,353	5,511	14,940	10,770
Barley.....	88,997	2,698	418	11,427	36,671
Oats.....	5,199	14,682	992	2,092	5,406
Corn byproducts.....	31,029	26,416	27,287	41,600	53,555
Rice.....	70,356	99,659	82,486	108,570	102,704
Rye grain.....	0	0	13	1,430	2,309
Wheat grain.....	126,869	236,194	237,534	346,846	344,111
Wheat flour.....	489	632	531	712	720
Beef and veal, excluding variety meats.....	7,589	4,769	5,093	4,546	9,313
Pork, excluding variety meats.....	1,302	2,037	4,162	7,177	4,927
Lard <sup>4</sup> .....	16,189	2,428	1,239	1,383	831
Dairy products.....	9,602	2,220	2,438	2,693	3,759
Poultry and eggs.....	24,960	28,544	33,795	44,872	44,401
Live poultry.....	1,770	2,816	2,835	2,427	3,404
Broilers and fryers.....	3,346	2,408	2,830	4,059	4,783
Stewing chickens.....	153	60	81	127	195
Turkeys.....	15,136	17,408	20,343	20,903	16,650
Other fresh poultry.....	162	281	973	5,146	6,683
Eggs.....	4,388	5,575	6,734	12,211	12,689
Other.....	59,624	83,156	139,178	234,925	183,271
<b>Total.....</b>	<b>2,337,067</b>	<b>1,617,506</b>	<b>1,564,185</b>	<b>1,986,228</b>	<b>2,033,758</b>

See footnotes at end of table.

FOOTNOTES FOR TABLE 730

<sup>1</sup>Fiscal years, Oct. 1-Sept. 30.

<sup>2</sup>Preliminary.

<sup>3</sup>Supplementary agricultural import products consists 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 U.S. commodities. Complementary agricultural products include all others, about 88 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 731.—Agricultural exports: Value of U.S. exports to the European Community, by commodity, fiscal years 1977-81<sup>1,2</sup>—Continued

Commodity	1977	1978	1979	1980	1981 <sup>3</sup>
NONVARIABLE-LEVY COMMODITIES					
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Canned poultry <sup>4</sup> .....	528	646	871	879	1,175
Cotton, excluding linters.....	96,618	112,477	149,837	221,430	125,156
Fruits and preparations.....	149,942	173,690	159,316	248,859	261,179
Fresh fruits.....	54,429	54,281	60,453	87,637	105,773
Citrus.....	47,316	39,825	45,331	67,056	58,021
Oranges and tangerines.....	17,135	12,450	12,372	25,561	13,213
Lemons and limes.....	12,624	9,275	10,894	12,043	12,787
Grapefruit.....	17,429	17,797	21,925	28,831	31,394
Other.....	128	301	741	620	626
Apples.....	1,870	4,924	4,494	6,129	12,364
Grapes.....	328	2,582	2,136	2,156	1,095
Other.....	4,917	6,949	7,890	12,297	34,293
Dried fruits.....	39,553	56,490	46,078	86,994	72,111
Raisins.....	12,845	17,190	11,433	47,443	28,215
Prunes.....	21,795	33,650	29,910	31,079	35,066
Other.....	4,911	5,651	4,734	8,472	8,830
Fruit juices.....	29,161	25,078	30,593	38,456	44,823
Orange.....	20,538	17,987	20,596	24,466	32,896
Grapefruit.....	3,943	4,239	6,756	9,667	7,526
Other.....	4,681	2,851	3,242	4,326	4,401
Canned fruits <sup>5</sup> .....	19,575	30,954	17,497	28,733	26,871
Peaches.....	5,400	13,853	5,813	8,454	8,747
Fruit cocktail.....	2,638	2,921	3,336	9,912	10,889
Pineapple.....	5,797	4,663	2,744	2,067	1,725
Other.....	5,743	9,517	5,607	8,303	5,510
Other fruits.....	7,224	6,886	4,697	7,040	11,601
Vegetables and preparations.....	182,457	95,870	102,417	135,443	186,505
Pulses.....	35,773	49,734	44,764	52,683	90,913
Dried beans.....	25,670	44,695	33,227	45,633	79,820
Dried peas.....	10,103	5,036	11,537	7,049	11,093
Fresh vegetables.....	44,289	6,454	6,804	10,737	11,098
Canned vegetables.....	15,775	11,559	14,966	21,189	18,661
Asparagus.....	522	574	1,247	831	610
Other.....	15,255	10,985	13,719	20,359	18,051
Hops, including extracts.....	4,010	1,088	1,419	11,809	32,960
Other vegetables and preparations.....	82,610	27,037	34,466	39,028	32,873
Hides and skins.....	202,394	177,346	292,616	298,380	205,030
Cattle hides, whole.....	73,841	47,596	98,223	67,296	14,018
Calf and kip skins.....	2,479	4,391	7,625	3,841	2,330
Other.....	126,074	125,357	186,767	227,244	188,682
Oilseeds and products.....	2,712,211	3,039,163	3,283,940	4,107,337	3,720,339
Oilseed cake and meal.....	521,046	563,132	627,221	897,580	788,120
Soybean.....	501,637	539,544	595,596	858,913	742,665
Other.....	19,410	23,587	31,627	38,667	45,455
Oilseeds.....	2,133,272	2,406,491	2,603,285	3,144,223	2,822,308
Soybeans.....	1,982,735	2,112,751	2,256,670	2,726,838	2,520,563
Flaxseed.....	44	3,807	157	694	26
Other.....	150,493	289,933	346,458	416,691	301,719
Vegetable oils.....	47,701	66,868	53,430	65,535	109,911
Cottonseed.....	12,225	4,275	6,012	3,455	4,509
Soybean.....	1,050	15,750	2,394	5,527	1,891
Linseed.....	2,431	6,484	91	9,895	6,020
Other.....	31,995	40,358	44,930	46,656	97,490
Tallow.....	133,254	113,192	119,372	122,227	92,253
Tobacco, unmanufactured.....	419,649	459,593	566,431	507,426	493,332
Variety meats, fresh or frozen <sup>6</sup> .....	119,766	109,630	125,586	167,854	137,786
Nuts and preparations.....	104,629	143,673	215,496	431,778	303,975
Corn gluten feed.....	182,757	204,886	288,589	410,949	430,643
Food for relief and charity.....	125	70	36	23	97
Other.....	451,235	378,601	486,169	556,796	555,000
Total.....	4,755,565	5,008,897	5,790,676	7,209,381	6,512,470
Total European Community.....	7,092,632	6,626,343	7,354,861	9,195,609	8,546,228

<sup>1</sup> Fiscal years Oct. 1-Sept. 30.<sup>2</sup> Not adjusted for transshipments through Canada and Western Europe.<sup>3</sup> Preliminary.<sup>4</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>5</sup> Although canned poultry, and pork variety meats are subject to variable levies, these cannot exceed the amount of import duties bound in GATT.<sup>6</sup> Variable levy on sugar-added content.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

AGRICULTURAL EXPORTS

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Table 732.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1979-81<sup>1</sup>

Country <sup>2</sup>	1979			1980			1981		
	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>	Total agricultural exports	Under specified Government-financed programs <sup>3</sup>	Outside specified Government-financed programs <sup>4</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan .....	5,060.6	0	5,060.6	5,749.3	0	5,749.3	6,706.0	0	6,706.0
Netherlands .....	2,466.7	0	2,466.7	3,436.5	0	3,436.5	3,171.3	0	3,171.3
Mexico .....	972.0	0	972.0	1,989.2	0	1,989.2	2,732.2	0	2,732.2
Korea, Rep. of .....	1,387.0	43.0	1,344.0	1,617.7	32.5	1,585.2	2,136.5	27.6	2,108.9
China, Mainland .....	884.1	0	884.1	1,936.6	.5	1,936.1	2,117.7	1.4	2,116.3
Canada .....	1,669.4	0	1,669.4	1,749.6	0	1,749.6	2,022.0	0	2,022.0
Germany, Fed. Rep. of .....	1,389.9	0	1,389.9	1,841.6	0	1,841.6	1,722.8	0	1,722.8
U.S.S.R. ....	2,067.7	0	2,067.7	1,413.8	0	1,413.8	1,573.3	0	1,573.3
Italy .....	927.4	0	927.4	1,197.7	0	1,197.7	1,148.3	0	1,148.3
China, Taiwan .....	977.5	0	977.5	1,109.1	0	1,109.1	1,105.2	0	1,105.2
Spain .....	828.3	0	828.3	1,233.1	0	1,233.1	1,054.5	0	1,054.5
Egypt .....	567.7	331.8	235.9	736.2	468.4	267.8	950.4	457.6	492.8
United Kingdom .....	1,075.0	0	1,075.0	1,003.2	0	1,003.2	910.0	0	910.0
Venezuela .....	449.9	0	449.9	616.2	0	616.2	898.4	0	898.4
Brazil .....	444.8	.4	444.4	698.3	.9	697.4	843.4	.5	842.9
Belgium .....	513.4	0	513.4	623.0	0	623.0	777.9	0	777.9
Portugal .....	435.9	67.9	368.0	592.7	31.5	561.2	764.2	14.3	749.9
Poland .....	450.6	0	450.6	638.2	0	638.2	699.7	32.0	667.7
France .....	685.0	0	685.0	804.4	0	804.4	602.4	0	602.4
Saudi Arabia .....	311.7	0	311.7	346.3	0	346.3	491.1	0	491.1
Nigeria .....	226.9	0	226.9	331.5	0	331.5	490.6	0	490.6
Romania .....	302.4	0	302.4	468.2	0	468.2	434.9	0	434.9
Peru .....	139.8	40.8	99.0	256.4	34.7	221.7	430.1	41.1	389.0
Hong Kong .....	350.3	0	350.3	443.5	0	443.5	387.6	0	387.6
Indonesia .....	274.1	110.7	163.4	450.8	114.6	336.2	382.2	66.1	316.1
Israel .....	312.5	222.8	89.7	296.4	1.0	295.4	365.2	0	365.2
Chile .....	147.3	8.5	138.8	261.0	5.2	255.8	345.8	6.3	339.5
Germany, Dem. Rep. ....	245.6	0	245.6	492.8	0	492.8	343.8	0	343.8
Philippines .....	238.0	29.8	208.2	316.8	24.3	292.5	337.7	20.4	317.3
India .....	220.4	129.8	90.6	367.3	123.4	243.9	324.0	120.4	203.6
Algeria .....	114.3	0	114.3	185.2	0	185.2	265.4	0	265.4
Switzerland .....	235.3	0	235.3	279.9	0	279.9	263.2	0	263.2
Dominican Republic .....	159.5	20.0	139.5	213.8	21.1	192.7	232.2	14.7	217.5
Greece .....	200.0	0	200.0	272.6	0	272.6	211.6	0	211.6
Colombia .....	215.9	1.1	214.8	287.7	.7	287.0	201.8	0	201.8
Norway .....	137.0	0	137.0	186.7	0	186.7	200.6	0	200.6
Yugoslavia .....	231.7	0	231.7	302.2	0	302.2	187.8	0	187.8
Bulgaria .....	47.9	0	47.9	102.9	0	102.9	186.5	0	186.5
Thailand .....	150.6	0	150.6	170.8	0	170.8	184.8	0	184.8
Iran .....	489.9	0	489.9	51.7	0	51.7	181.6	0	181.6
Rep. of South Africa .....	85.5	0	85.5	117.8	0	117.8	174.9	0	174.9
Singapore .....	91.4	0	91.4	125.4	0	125.4	169.9	0	169.9
Morocco .....	68.5	18.5	50.0	127.7	18.7	109.0	160.2	37.4	122.8
Iraq .....	123.3	0	123.3	266.1	0	266.1	148.3	0	148.3
Pakistan .....	246.9	41.5	205.4	161.3	69.1	92.2	147.0	78.2	68.8
Denmark .....	220.2	0	220.2	214.6	0	214.6	140.7	0	140.7
Sweden .....	104.7	0	104.7	136.7	0	136.7	125.6	0	125.6
Ecuador .....	92.7	2.0	90.7	122.2	.9	121.3	124.5	1.2	123.3
Australia .....	88.2	0	88.2	110.1	0	110.1	122.9	0	122.9
Trinidad .....	67.4	0	67.4	103.2	0	103.2	121.2	0	121.2
Other Countries .....	2,785.8	421.5	2,364.3	3,911.3	571.1	3,340.2	3,960.2	518.4	3,441.8
Total .....	31,978.6	1,490.1	30,488.5	40,467.3	1,518.6	38,948.7	43,780.1	1,437.6	42,342.5

<sup>1</sup>Fiscal years Oct. 1-Sept. 30.

<sup>2</sup>Not adjusted for transshipments through Canada and Western Europe.

<sup>3</sup>Includes Title I long-term credit sales for dollars and convertible foreign currencies and Title II donations for disaster relief and development through government-to-government, World Food Program, and voluntary relief agencies, under P.L. 85-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes the Foreign Assistance Act of 1961, as amended.

<sup>4</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 the extension of credit and credit guarantees for relatively short periods through the Commodity Credit Corporation and loans and guarantees from the Export-Import Bank.

Economic Research Service.

Table 733.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1979-81<sup>1</sup>

Country	1979			1980			1981		
	Total	Complementary <sup>2</sup>	Supplementary <sup>2</sup>	Total	Complementary <sup>2</sup>	Supplementary <sup>2</sup>	Total	Complementary <sup>2</sup>	Supplementary <sup>2</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Brazil.....	1,572.5	1,061.6	510.9	1,746.5	1,129.1	617.4	2,038.8	1,225.1	813.7
Canada.....	901.6	33.0	868.6	1,022.5	40.5	982.0	1,143.0	36.7	1,106.3
Australia.....	1,029.0	1.1	1,027.9	1,070.4	1.7	1,068.7	1,134.5	3.7	1,130.8
Mexico.....	1,241.5	452.3	789.2	1,197.5	420.5	777.0	1,075.1	259.8	815.3
Colombia.....	933.8	838.1	95.7	1,060.8	915.2	145.6	682.5	447.7	234.8
Indonesia.....	775.6	764.5	11.1	747.4	716.9	30.5	655.2	640.8	14.4
New Zealand.....	592.2	24.9	567.3	609.4	35.7	573.7	622.8	27.9	594.9
Philippines.....	568.4	30.5	537.9	583.5	57.7	525.8	619.0	62.9	556.1
Argentina.....	278.8	12.4	266.4	228.6	13.9	214.7	494.5	15.7	478.8
Dominican Republic.....	367.1	167.1	200.0	505.9	205.7	300.2	479.5	133.2	346.3
France.....	394.2	72.4	321.8	400.8	62.6	338.2	438.2	52.5	385.7
Netherlands.....	412.0	121.0	291.0	387.7	89.4	298.3	407.4	71.6	335.8
Italy.....	306.7	6.3	300.4	389.5	7.4	382.1	405.4	9.2	396.2
Ivory Coast.....	392.5	389.7	2.8	278.0	270.3	7.7	352.9	344.9	8.0
Malaysia.....	378.1	262.1	116.0	364.1	242.1	122.0	345.9	232.9	113.0
Ecuador.....	378.2	358.8	19.4	359.0	329.5	29.5	339.8	298.7	41.1
Germany, Fed. Rep.....	294.6	66.1	228.5	330.0	81.6	248.4	335.6	56.7	278.9
Denmark.....	275.5	22.5	253.0	249.2	25.7	223.5	329.9	38.5	291.4
Honduras.....	289.5	193.7	95.8	315.3	203.4	111.9	315.4	186.0	129.4
China, Mainland.....	77.7	27.8	49.9	123.5	42.2	81.3	298.4	39.2	259.2
Guatemala.....	328.8	237.6	91.2	446.1	300.2	145.9	294.9	160.0	134.9
Costa Rica.....	294.2	191.9	102.3	311.1	197.1	114.0	294.3	161.9	132.4
Spain.....	197.3	14.5	182.8	201.3	7.2	194.1	221.1	8.8	212.3
India.....	182.4	105.6	76.8	171.3	102.2	69.1	200.4	96.9	103.5
Thailand.....	109.2	55.4	53.8	139.0	55.8	83.2	185.8	46.0	139.8
El Salvador.....	244.2	205.8	38.4	289.7	248.3	41.4	167.0	152.3	14.7
Turkey.....	155.5	3.1	152.4	158.3	3.7	154.6	152.1	3.4	148.7
China, Taiwan.....	121.3	5.9	115.4	150.3	7.4	142.9	137.1	10.7	126.4
United Kingdom.....	112.1	32.0	80.1	133.9	30.5	103.4	137.1	32.6	104.5
Poland.....	162.6	.9	161.7	159.0	.9	158.1	135.8	.5	135.3
Panama.....	79.3	47.7	31.6	102.9	35.5	67.4	129.6	43.2	86.4
Nicaragua.....	179.3	50.5	128.8	165.5	64.8	100.7	122.7	44.6	78.1
Japan.....	89.0	9.1	79.9	93.8	7.7	86.1	116.4	11.1	105.3
Peru.....	196.3	154.1	42.2	221.1	191.6	29.5	108.8	103.3	5.5
Mozambique.....	36.6	1.6	35.0	82.9	5.7	77.2	97.0	6.3	90.7
Finland.....	62.5	.7	61.8	57.2	.8	56.4	84.9	1.5	83.4
Malagasy Rep.....	73.7	68.8	4.9	78.9	76.9	2.0	77.1	62.7	14.4
Ireland.....	29.7	5.0	24.7	55.2	6.9	48.3	76.4	5.3	71.1
Ethiopia.....	97.9	95.5	2.4	102.4	98.1	4.3	75.9	73.6	2.3
Uganda.....	32.1	32.1	0	158.9	158.9	0	75.5	75.5	0
Liberia.....	79.0	78.6	.4	89.1	89.0	.1	73.4	73.3	.1
Greece.....	67.0	2.3	64.7	61.3	2.8	58.5	73.4	2.5	70.9
Singapore.....	66.6	57.4	9.2	69.3	55.1	14.2	67.2	56.9	10.3
Yugoslavia.....	97.5	2.4	95.1	62.7	3.2	59.5	66.6	3.4	63.2
Chile.....	47.1	.4	46.7	45.4	.4	45.0	66.2	.3	65.9
Cameroon.....	41.9	37.3	4.6	71.3	67.2	4.1	63.2	55.3	7.9
Switzerland.....	58.5	9.7	48.8	60.9	9.3	51.6	61.5	12.8	48.7
Swaziland.....	13.9	0	13.9	55.3	0	55.3	58.7	0	58.7
Norway.....	54.6	.3	54.3	44.3	.1	44.2	55.4	.1	55.3
Republic of S. Africa.....	42.3	1.8	40.5	113.7	1.4	112.3	48.7	2.5	46.2
Other countries.....	1,373.8	696.4	677.4	1,354.1	631.6	722.5	1,180.1	425.3	754.8
Total <sup>3</sup> .....	16,185.7	7,110.3	9,075.4	17,275.8	7,351.4	9,924.4	17,218.1	5,916.3	11,301.8

<sup>1</sup> Fiscal years Oct. 1-Sept. 30.<sup>2</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all agricultural products interchangeable to any significant extent with such U.S. commodities. Complementary agricultural products include all others, about 88 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.<sup>3</sup> Totals may not add due to rounding.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



Table 734.—European Community: Value of agricultural imports by origin, 1965-80<sup>1</sup>

Year <sup>2</sup>	United States	EC countries	Other countries	Total
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1965.....	2,245	5,056	11,298	18,599
1966.....	2,476	5,323	11,689	19,488
1967.....	2,143	5,638	11,195	18,976
1968.....	2,113	6,197	10,838	19,148
1969.....	2,027	7,418	11,863	21,308
1970.....	2,487	8,255	12,583	23,325
1971.....	2,649	9,946	12,823	25,418
1972.....	2,956	12,500	14,801	30,257
1973.....	4,872	17,333	20,177	42,382
1974.....	5,799	21,119	21,891	48,809
1975.....	6,162	24,429	21,527	52,118
1976.....	6,689	25,885	24,454	57,028
1977.....	7,427	29,317	30,278	67,022
1978.....	8,210	36,294	31,965	76,469
1979.....	9,185	43,234	37,733	90,152
1980.....	10,470	47,255	38,311	96,036

<sup>1</sup>Based on data from the United Nations, Organization for Economic Cooperation and Development, and the European Community.

<sup>2</sup>Data on calendar year basis.  
Economic Research Service.

Table 735.—Commodity futures: Contracts traded, United States, 1977-81

Commodity and market	Contract unit	Number of contracts				
		1977	1978	1979	1980	1981
Wheat:						
Total.....	5,000 bushels	2,629,010	3,596,396	4,941,212	7,059,527	6,051,597
Total.....	1,000 bushels	151,433	205,629	379,975	550,950	279,082
Wheat, durum:						
Total.....	5,000 bushels	36				
Corn:						
Total.....	5,000 bushels	5,021,827	6,127,099	8,671,719	11,946,975	10,674,986
Total.....	1,000 bushels	280,268	256,022	323,808	440,615	513,953
Oats:						
Total.....	5,000 bushels	111,142	217,197	217,889	323,298	374,279
Soybeans:						
Total.....	5,000 bushels	7,996,139	8,477,277	9,114,348	11,768,197	10,489,932
Total.....	1,000 bushels	1,104,763	994,932	964,596	1,052,707	849,169
Soybean:						
Total.....	60,000 pounds	2,535,046	2,909,284	3,081,646	3,167,895	3,047,490
Soybean meal:						
Total.....	100 tons	2,373,453	2,493,086	2,647,821	3,218,690	3,039,633
Sunflower seeds:						
Total.....	100,000 pounds				27,368	14,845
Coffee "C":						
Total.....	37,500 pounds	214,202	163,959	449,799	906,944	515,302
Sugar 11:						
Total.....	112,000 pounds	1,055,984	1,016,773	1,792,723	3,576,662	2,470,327
Sugar 12:						
Total.....	112,000 pounds	15,676	21,875	35,474	13,839	14,333
Cotton 2:						
Total.....	50,000 pounds	826,395	1,155,801	1,689,051	2,490,405	1,415,213
Potatoes, Idaho:						
Total.....	50,000 pounds	4,727	90	1,126	2,481	973
Potatoes Maine:						
Total.....	50,000 pounds	41,248				
Potatoes, rnd., wh.:						
Total.....	50,000 pounds	478,558	453,215	183,868	393,759	237,411

Orange juice, con.:							
Total.....	15,000 pounds	377,921	285,405	186,018	162,864	387,162	
Lumber:							
Total.....	100,000 bd. ft.	486,691	560,498	649,478	838,676	635,934	
Plywood:							
Total.....	76,032 sq. ft.	368,770	261,483	146,570	169,550	144,318	
Stud lumber:							
Total.....	100,000 bd. ft.	687	9,365	5,059	2,198	156	
Hogs, live:							
Total.....	30,000 pounds	1,307,712	1,765,201	1,805,710	2,153,767	2,258,083	
Total.....	15,000 pounds	159,324	185,927	127,674	103,181	100,139	
Pork bellies:							
Total.....	38,000 pounds	1,358,730	1,439,651	1,514,176	2,250,945	1,997,697	
Cattle, live:							
Total.....	40,000 pounds	2,639,517	5,592,364	7,214,848	5,997,047	4,282,293	
Total.....	20,000 pounds		54,054	208,997	186,831	119,566	
Feeder cattle:							
Total.....	42,000 pounds	133,274	568,728	980,619	874,313	620,885	
Beef, boneless:							
Total.....	30,000 pounds	41					
Beef, imp. lean:							
Total.....	30,000 pounds	2,690	5,890	16,704	24,119	7,796	
Broilers, fresh-frozen:							
Total.....	30,000 pounds			7,794	45,237	20,048	
Broilers, iced:							
Total.....	28,000 pounds	64,938	74,684	25,681	4,079		
Turkeys:							
Total.....	36,000 pounds	144					
Eggs, fresh:							
Total.....	22,500 dozen	130,042	72,984	21,224	2,798	13	
Wool:							
Total.....	5,000 pounds	3					

Futures Industry Association.

Table 736.—Average monthly commitments of reporting and nonreporting traders for principal commodities regulated by the Commodity Futures Trading Commission, 1981<sup>1</sup>

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders speculative and hedging commitments <sup>3</sup>		Total open interest
		Speculative						Hedging		Total		Long	Short	
		Long or short only		Long and short (spreading) <sup>2</sup>		Total		Long	Short	Long	Short			
		Long	Short	Long	Short	Long	Short							
		Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>	Number <sup>4</sup>
<b>Wheat:</b>														
All markets.....		5,447	5,626	6,814	6,809	12,261	12,435	39,088	45,793	51,349	58,229	40,623	33,743	91,972
CBOT <sup>5</sup> .....	5,000 bushels.....	4,407	4,779	5,775	5,973	10,182	10,752	22,008	24,190	32,190	34,943	29,137	26,384	61,327
MACE <sup>6</sup> .....	do.....	61	82	69	141	130	223	4	1	134	224	620	580	754
BOTKC <sup>7</sup> .....	do.....	765	485	820	585	1,585	1,070	14,080	17,107	15,665	18,177	8,137	5,625	23,802
MGE <sup>8</sup> .....	do.....	214	280	150	110	364	390	2,996	4,495	3,360	4,885	2,729	1,204	6,089
<b>Corn:</b>														
All markets.....		9,715	5,516	11,056	11,056	20,771	16,572	101,711	112,253	122,482	128,825	76,306	69,963	198,788
CBOT.....	do.....	9,526	5,398	10,388	10,239	19,914	15,637	101,711	112,253	121,625	127,890	75,437	69,172	197,062
MACE.....	do.....	189	118	668	817	857	935	0	0	857	935	869	791	1,726
<b>Oats:</b>														
CBOT.....	do.....	408	223	210	210	618	433	1,541	2,133	2,159	2,566	3,935	3,528	6,094
<b>Soybeans:</b>														
All markets.....		5,979	6,612	23,875	23,874	29,854	30,486	43,253	53,292	73,107	83,779	61,967	51,295	135,074
CBOT.....	do.....	5,950	6,517	23,454	23,212	29,404	29,729	43,253	53,292	72,657	83,022	60,472	50,107	133,129
MACE.....	do.....	29	95	421	662	450	757	0	0	450	757	1,495	1,188	1,945
<b>Soybean meal:</b>														
CBOT.....	100 tons.....	4,598	2,331	5,646	5,646	10,244	7,977	22,438	32,773	32,682	40,750	23,354	15,286	56,036
<b>Soybean oil:</b>														
CBOT.....	60,000 pounds.....	3,949	3,568	8,576	8,576	12,525	12,144	26,566	34,863	39,091	47,007	24,987	17,071	64,078
<b>Cotton:</b>														
NYCE <sup>9</sup> .....	100 bales.....	3,742	3,073	3,506	3,506	7,248	6,579	12,232	15,393	19,480	21,972	12,405	9,913	31,885
<b>Orange juice, frozen concentrated:</b>														
CA, NYCE <sup>10</sup> .....	15,000 pounds.....	946	922	564	564	1,510	1,486	4,613	3,344	6,123	4,830	4,168	5,461	10,291
<b>Eggs shell:</b>														
CME <sup>11</sup> .....	22,500 dozens.....	0	0	0	0	0	0	0	0	0	0	9	9	9
<b>Potatoes:</b>														
(Round white) NYME <sup>12</sup> .....	50,000 pounds.....	1,452	596	215	215	1,667	811	702	3,090	2,369	3,901	5,170	3,638	7,539
<b>Cattle:</b>														
All markets.....		8,574	5,270	3,434	3,335	12,008	8,605	7,969	19,457	19,977	28,062	40,928	32,843	60,905
(Live beef) CME.....	40,000 pounds.....	7,778	3,800	2,759	2,660	10,537	6,460	5,426	17,413	15,963	23,873	34,795	26,885	50,758
(Live feeder) CME.....	42,000 pounds.....	796	1,470	675	675	1,471	2,145	2,543	2,044	4,014	4,189	6,133	5,958	10,147
<b>Hogs, live:</b>														
CME.....	30,000 pounds.....	5,013	4,269	2,868	3,539	7,881	7,808	1,293	3,623	9,174	11,431	17,125	14,868	26,299
<b>Pork, frozen bellies:</b>														
CME.....	36,000 pounds.....	3,074	2,432	2,727	2,727	5,801	5,159	484	2,029	6,284	7,188	10,110	9,206	16,394

Broilers, fresh-frozen:															
CME.....	30,000 pounds.....	28	10	29	29	57	39	133	425	190	464	905	633	1,097	
Lumber:															
CME.....	1:00,000 bd. ft.....	418	737	1,330	1,330	1,748	2,804	1,086	1,410	2,834	3,477	6,298	5,655	9,132	
Plywood:															
CBOT.....	76,032 sq. ft.....	408	360	404	410	812	770	606	1,268	1,418	2,038	2,315	1,695	3,733	
Broilers, iced:															
CBOT.....	30,000 pounds.....	0	0	0	0	0	0	0	2	0	2	10	8	10	
Coffee:															
CSCCE <sup>13</sup> .....	37,500 pounds.....	1,174	721	235	235	1,409	956	2,647	4,689	4,056	5,479	5,107	3,684	9,163	
Sugar:															
CSCCE <sup>13</sup> .....	112,000 pounds.....	3,394	2,104	2,754	2,768	6,148	4,872	28,394	33,446	34,542	38,319	28,904	25,127	63,446	

<sup>1</sup> Preliminary.

<sup>2</sup> Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

<sup>3</sup> Derived by subtracting reporting traders, commitments from total open interest.

<sup>4</sup> Number of contracts.

<sup>5</sup> Chicago Board of Trade.

<sup>6</sup> MidAmerica Commodity Exchange.

<sup>7</sup> The Board of Trade of Kansas City, Mo. Inc.

<sup>8</sup> Minneapolis Grain Exchange.

<sup>9</sup> New York Cotton Exchange.

<sup>10</sup> Citrus Associates of the New York Cotton Exchange Inc.

<sup>11</sup> Chicago Mercantile Exchange.

<sup>12</sup> New York Mercantile Exchange.

<sup>13</sup> Coffee, Sugar and Cocoa Exchange.

Commodity Futures Trading Commission.

**Table 737.—Average monthly commitments of reporting and nonreporting traders as percentages of average open interest, for principal commodities regulated by the Commodity Futures Trading Commission, 1981<sup>1</sup>**

Commodity and market	Contract unit	Reporting (large) traders' commitments classified by them as speculative or hedging										Nonreporting (small) traders speculative and hedging commitments <sup>3</sup>		Total open interest
		Speculative					Hedging		Total					
		Long or short only		Long and short (spreading) <sup>2</sup>		Total		Long	Short	Long	Short	Long	Short	
		Long	Short	Long	Short	Long	Short							
		Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>	Per-cent <sup>4</sup>
<b>Wheat:</b>														
All markets		5.9	6.1	7.4	7.4	13.3	13.5	42.5	49.8	55.8	63.3	44.2	36.7	100.0
CBOT <sup>5</sup>	5,000 bushels	7.2	7.8	9.4	9.7	16.6	17.5	35.9	39.4	52.5	57.0	47.5	43.0	100.0
MACE <sup>6</sup>	.do.	8.0	11.3	9.9	18.7	17.9	30.0	.5	.1	17.6	29.8	82.4	78.2	100.0
BOTKC <sup>7</sup>	.do.	3.2	2.0	3.4	2.5	6.6	4.5	59.2	71.9	65.8	76.4	34.2	23.6	100.0
MGE <sup>8</sup>	.do.	3.5	4.6	2.5	1.8	6.0	6.4	49.2	73.8	55.2	80.2	44.8	19.8	100.0
<b>Corn:</b>														
All markets		4.9	2.8	5.6	5.6	10.5	8.4	51.2	56.5	61.7	64.9	38.3	35.1	100.0
CBOT	.do.	5.0	2.8	5.4	5.3	10.4	8.1	53.1	58.6	63.5	66.7	36.5	33.3	100.0
MACE	.do.	11.0	6.8	38.7	47.3	49.7	54.1	0	0	49.7	54.2	50.3	45.8	100.0
<b>Oats:</b>														
CBOT	.do.	6.7	3.7	3.4	3.4	10.1	7.1	25.3	35.0	35.4	42.1	64.6	57.9	100.0
<b>Soybeans:</b>														
All markets		4.9	2.8	5.6	5.6	10.5	8.4	51.2	56.5	61.7	64.9	38.3	35.1	100.0
CBOT	.do.	4.5	4.9	17.6	17.4	22.1	22.3	32.5	40.0	54.6	62.4	45.5	37.6	100.0
MACE	.do.	1.5	4.9	21.6	34.1	23.1	39.0	0	0	23.1	38.9	76.9	61.1	100.0
<b>Soybean meal:</b>														
CBOT	100 tons	8.7	4.4	10.7	10.7	19.4	15.1	42.3	61.8	61.7	76.8	38.3	23.2	100.0
<b>Soybean oil:</b>														
CBOT	60,000 pounds	6.2	5.6	13.4	13.4	19.6	19.0	41.5	54.4	61.0	73.4	39.0	26.6	100.0
<b>Cotton:</b>														
NYCE <sup>9</sup>	100 bales	11.7	9.6	11.0	11.0	22.7	20.6	38.4	48.3	61.1	68.9	38.9	31.1	100.0
<b>Orange juice, frozen concentrated:</b>														
CA, NYCE <sup>10</sup>	15,000 pounds	9.2	9.0	5.5	5.5	14.7	14.5	44.8	32.5	59.5	46.9	40.5	53.1	100.0
<b>Eggs, shell:</b>														
CME <sup>11</sup>	22,500 dozen	0	0	0	0	0	0	0	0	0	0	100.0	100.0	100.0
<b>Potatoes:</b>														
(Round white) NYME <sup>12</sup>	50,000 pounds	19.3	7.9	2.9	2.9	22.2	10.8	9.3	41.0	31.4	51.7	68.6	48.3	100.0
<b>Cattle:</b>														
All markets		14.1	8.7	5.6	5.5	19.7	14.1	13.1	32.0	32.8	46.1	67.2	53.9	100.0
(Live beef) CME	40,000 pounds	9.5	18.5	7.0	16.5	0	4.0	0	4.0	16.6	38.9	83.4	61.1	100.0
(Live feeder) CME	42,000 pounds	7.8	14.5	6.6	6.6	14.4	21.1	25.1	20.1	39.6	41.3	60.4	58.7	100.0
<b>Hogs, live:</b>														
CME	30,000 pounds	19.1	16.2	10.9	13.5	4.9	29.7	4.9	13.8	34.9	43.5	65.1	56.5	100.0
<b>Pork, frozen bellies:</b>														
CME	36,000 pounds	18.8	14.8	16.6	16.6	35.4	31.4	3.0	12.4	38.3	43.8	61.7	56.2	100.0

Broilers, fresh-frozen														
CME.....	30,000 pounds..													
Lumber														
CME.....	100,000 bd. ft...	4.6	8.1	14.6	14.6	19.2	22.7	11.9	15.5	31.1	38.1	68.9	61.9	100.0
Plywood														
CBOT.....	76,032 sq. ft.....	10.9	9.6	10.8	11.0	21.7	20.6	16.2	34.0	38.0	54.6	62.0	45.4	100.0
Broilers, iced														
CBOT.....	30,000 pounds..	0	0	0	0	0	0	0	20.0	0	20.0	100.0	80.0	100.0
Coffee														
CSCE <sup>13</sup> .....	37,500 pounds..	12.7	7.8	2.6	2.6	15.3	10.4	28.7	50.9	44.0	59.5	56.0	40.5	100.0
Sugar														
CSCE <sup>13</sup> .....	112,000 pounds.	5.4	3.3	4.3	4.4	9.7	7.7	44.7	52.7	54.4	60.4	45.6	39.6	100.0

<sup>1</sup> Preliminary.

<sup>2</sup> Effective July 1, 1963, reporting traders began classifying their positions as speculative or hedging; long and short (spreading) positions are derived on a mechanical basis from equal long and short positions reported as speculative.

<sup>3</sup> Derived by subtracting reporting traders' commitments from total open interest.

<sup>4</sup> Commitment data in contracts as a percentage of open interest for each contract market.

<sup>5</sup> Chicago Board of Trade.

<sup>6</sup> MidAmerica Commodity Exchange.

<sup>7</sup> The Board of Trade of Kansas City, Mo. Inc.

<sup>8</sup> Minneapolis Grain Exchange.

<sup>9</sup> New York Cotton Exchange.

<sup>10</sup> Citrus Associates of the New York Cotton Exchange, Inc.

<sup>11</sup> Chicago Mercantile Exchange.

<sup>12</sup> New York Mercantile Exchange.

<sup>13</sup> Coffee, Sugar and Cocoa Exchange.

Commodity Futures Trading Commission.

**Table 738.—Fish: Catch and disposition of catch in commercial fisheries, United States, 1965–81 (round weight)**

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
1965.....	4,777	1,597	914	76	2,190
1966.....	4,366	1,601	894	77	1,794
1967.....	4,055	1,452	1,001	77	1,525
1968.....	4,160	1,543	1,017	67	1,533
1969.....	4,337	1,520	998	68	1,756
1970.....	4,917	1,595	1,150	71	2,101
1971.....	5,018	1,580	1,019	76	2,343
1972.....	4,806	1,612	976	70	2,148
1973.....	4,858	1,715	882	59	2,202
1974.....	4,967	1,660	1,005	69	2,233
1975.....	4,877	1,744	907	55	2,171
1976.....	5,388	1,802	918	55	2,613
1977 <sup>1</sup> .....	5,198	1,888	957	55	2,298
1978 <sup>1</sup> .....	6,028	2,134	991	52	2,851
1979 <sup>1</sup> .....	6,267	2,268	956	94	2,949
1980 <sup>1</sup> .....	6,482	2,495	1,063	96	2,828
1981 <sup>1</sup> .....	5,977	2,435	1,022	90	2,430

<sup>1</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

**Table 739.—Frozen fishery products: Freezings, by geographic divisions, 1965–81**

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	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>
1965.....	138,329	5,783	41,206	2,000	38	85,691	93,634	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
1970.....	117,625	1,319	59,059	2,931	40	113,697	93,623	388,294
1971.....	100,522	1,791	58,884	1,366	.....	117,968	81,477	362,008
1972.....	107,611	3,097	49,257	1,065	20	119,146	88,749	368,945
1973.....	101,527	15,325	50,544	4,486	2	101,162	137,320	410,366
1974.....	75,143	20,351	45,719	4,152	12	75,710	118,847	339,934
1975.....	82,610	10,500	48,340	4,623	2	61,815	91,762	299,652
1976.....	92,843	7,515	47,661	1,182	80	70,044	102,347	321,672
1977.....	95,853	7,857	36,006	4,846	367	60,302	140,459	345,690
1978.....	88,222	3,422	40,167	218	36	49,800	127,381	309,246
1979.....	66,060	5,442	35,814	.....	390	48,241	112,989	268,936
1980.....	50,149	4,626	34,896	25	66	33,479	104,974	228,215
1981.....	39,593	5,805	38,114	30	28	43,497	93,621	220,688

U.S. Department of Commerce, National Marine Fisheries Service.



Table 740.—Fresh and frozen packaged fish:<sup>1</sup> Production and value, by principal species, United States, 1965–81

Year	Cod		Flounder		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
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	15,397	6,980	46,229	24,961	13,353	8,492
1970	13,619	7,445	46,657	28,712	8,867	6,325
1971	14,970	9,144	38,325	28,049	6,738	6,633
1972	12,342	9,216	38,580	32,734	5,013	6,794
1973	17,142	13,796	40,322	40,546	6,431	9,104
1974	19,112	16,424	40,956	44,626	8,897	12,105
1975	15,586	14,868	41,974	53,126	8,219	12,347
1976	16,578	19,023	48,227	72,466	4,664	8,293
1977	24,562	27,725	44,587	69,718	14,658	21,294
1978	27,188	35,209	46,338	83,460	17,392	26,210
1979	33,799	45,848	47,848	87,918	19,278	33,275
1980	31,637	43,662	48,900	87,418	17,250	29,084
1981 <sup>2</sup>	40,706	65,823	53,757	101,570	17,419	32,287

  

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
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	520	38,176	18,917	135,512	60,368
1969	14,618	4,037	895	270	47,121	24,717	137,613	69,457
1970	16,008	4,922	782	267	47,575	26,559	133,508	74,830
1971	18,343	6,075	482	154	49,534	25,390	128,392	75,445
1972	17,540	7,379	156	51	53,012	35,765	126,643	91,939
1973	15,268	8,183	2,750	1,081	51,086	38,661	133,359	111,371
1974	12,093	6,236	1,950	582	52,183	39,455	135,191	119,428
1975	8,397	5,673	926	613	56,821	51,296	131,923	137,923
1976	9,437	8,086	988	613	62,691	58,620	142,585	167,101
1977	10,448	10,108	830	509	65,303	62,468	160,388	191,822
1978	9,232	9,897	767	517	78,132	72,549	179,049	227,842
1979	8,576	10,017	491	371	77,175	83,501	187,167	260,930
1980	7,117	9,256	593	486	96,565	91,354	202,062	261,210
1981 <sup>2</sup>	5,369	7,522	214	227	90,885	97,128	208,350	304,507

<sup>1</sup> Packaged fish represents production of fillets and steaks.<sup>2</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 741.—Canned fishery products: Production and value, United States, 1965-81

Year	Salmon	Sardine		Tuna and tuna-like fishes	Mackerel <sup>1</sup>	Shrimp	Clam products <sup>2</sup>	Oysters <sup>2</sup>	Other products	Total
		Maine	Pacific							
Production										
	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
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	( <sup>3</sup> )	394,841	12,733	16,851	65,741	4,623	553,239	1,198,392
1968	165,490	40,489		400,159	22,294	18,967	61,830	4,557	553,239	1,267,025
1969	122,444	24,402		408,386	17,354	20,729	62,923	2,000	515,043	1,168,281
1970	183,466	18,872		440,455	8,487	25,125	65,493	1,904	602,089	1,345,891
1971	168,452	22,249		444,294	16,517	22,345	70,978	3,387	580,594	1,328,816
1972	96,192	36,540		626,428	13,763	23,795	80,145	2,798	720,852	1,600,513
1973	71,772	23,284		646,421	2,851	25,228	90,770	2,058	784,973	1,647,357
1974	87,791	25,131		668,134	3,779	22,121	88,276	1,979	656,795	1,554,006
1975	78,086	26,008		542,491	9,738	12,407	75,972	2,402	638,759	1,385,863
1976	127,611	24,971		602,505	6,643	20,021	64,422	1,159	720,448	1,567,780
1977	150,823	23,496		557,503	30,890	24,525	73,482	1,027	574,597	1,436,343
1978	164,279	26,376		708,973	32,496	16,806	73,079	600	592,879	1,615,488
1979	150,066	30,369		623,253	26,191	9,584	77,927	450	523,058	1,440,898
1980	201,684	19,809		606,565	38,242	15,886	77,443	( <sup>3</sup> )	559,746	1,519,374
1981 <sup>4</sup>	217,693	38,164		644,283	36,419	12,410	79,805	441	574,838	1,604,053
Value										
	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
1965	122,744	10,868	71	233,370	4,997	20,655	18,097	3,701	80,728	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	( <sup>3</sup> )	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	90,286	11,512		299,636	3,317	27,730	22,045	2,164	118,843	575,533
1970	138,673	11,227		382,024	1,534	37,277	25,661	2,102	143,262	741,760
1971	137,822	10,856		416,552	3,076	33,648	26,344	4,814	137,485	770,597
1972	90,409	23,877		637,463	2,618	38,396	27,263	4,292	174,383	998,701
1973	111,105	15,688		711,757	540	55,234	38,103	3,688	231,045	1,167,160
1974	137,005	21,745		829,619	921	44,370	43,106	3,266	225,815	1,305,847
1975	115,291	24,917		662,702	2,614	27,650	41,773	4,065	192,933	1,071,945
1976	205,318	24,478		856,404	2,085	48,815	39,298	2,548	250,747	1,429,693
1977	243,340	27,205		917,249	11,869	71,336	64,521	2,687	236,482	1,574,689
1978	248,553	35,641		1,273,260	9,751	48,794	64,670	1,337	231,021	1,913,027
1979	275,184	44,818		1,106,550	7,690	40,089	66,660	1,023	210,149	1,752,163
1980	403,841	31,554		1,149,003	11,512	70,504	66,350	( <sup>3</sup> )	216,767	1,949,531
1981 <sup>4</sup>	415,894	54,890		1,287,933	11,158	59,229	68,715	1,192	280,942	2,179,953

<sup>1</sup> Beginning 1971, figures contain only Jack mackerel.

<sup>2</sup> Represents the net weight of canned products. In the classification, "Clam products," "Oysters," 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>3</sup> Included in "Other products."

<sup>4</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service.

Table 742.—Fishery product: United States imports for consumption, 1977-81

Class and item	Unit	1977		1978		1979		1980		1981	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
<b>Edible fishery products:</b>											
Fresh or frozen:											
Fish, fresh-water and salt-water:											
Whitefish.....	1,000 pounds	9,049	6,964	11,347	8,589	7,556	7,425	8,177	7,962	7,474	7,165
Yellow pike.....	do	6,247	6,336	6,345	6,348	7,253	8,954	5,796	8,691	5,944	8,671
Cod, haddock, hake, pollock, and cusk.....	do	10,098	4,047	9,310	3,655	14,197	5,849	13,880	5,736	25,020	10,905
Halibut.....	do	6,510	9,086	6,955	10,779	4,119	7,407	6,338	9,326	6,314	10,053
Salmon.....	do	5,708	10,794	6,617	13,562	5,022	11,390	5,533	13,887	6,490	15,933
Sea herring.....	do	70,720	8,876	72,005	5,462	40,059	1,857	22,035	3,645	14,279	2,957
Tuna <sup>1</sup> .....	do	629,376	250,452	801,560	320,591	747,779	315,860	719,000	423,929	718,782	473,257
Filleted, skinned and boned.....	do	783,248	663,080	830,035	744,097	835,678	807,736	705,278	704,165	758,274	799,384
Other.....	do	74,944	42,104	88,283	49,319	90,244	57,334	77,758	49,635	82,516	59,802
Shellfish:											
Clams.....	do	2,989	2,490	4,315	3,392	4,524	3,841	4,558	4,408	8,316	7,024
Lobsters.....	do	60,019	250,302	56,184	256,287	60,680	298,468	50,532	270,631	55,835	308,699
Shrimp.....	do	225,208	488,326	195,475	418,354	220,216	705,008	215,083	711,200	218,377	714,977
Other.....	do	44,713	72,044	48,088	108,006	52,296	115,865	32,620	106,481	48,886	163,190
Canned fish and shellfish:											
Anchovies.....	do	6,596	11,799	6,415	10,690	5,056	8,342	5,941	14,082	6,292	15,214
Sardines.....	do	50,036	37,461	48,717	40,070	49,756	43,978	51,178	44,060	55,273	51,195
Tuna, bonito, and yellowtail.....	do	36,006	45,690	52,169	64,186	54,074	65,362	64,357	97,878	71,737	111,205
Lobsters.....	do	2,884	15,596	2,420	15,670	1,925	11,655	2,178	12,843	3,118	20,433
Other.....	do	86,133	99,956	86,939	108,399	97,445	121,919	88,316	128,109	98,999	160,638
Cured fish, dried, pickled, salted, smoked or kippered.....	do	62,016	48,947	69,483	61,583	64,752	65,320	57,548	59,519	72,803	81,441
Other fish and shellfish.....	do	4,510	4,142	7,850	4,103	6,740	4,826	8,522	10,204	7,282	11,637
Total edible products.....	do	2,177,010	2,078,492	2,410,512	2,253,142	2,369,371	2,668,396	2,144,628	2,686,391	2,272,011	3,033,780
<b>Nonedible fishery products:</b>											
Fish and marine animal oils.....	1,000 pounds	17,647	4,122	19,778	5,322	19,042	6,002	25,381	7,253	21,907	6,828
Fish scrap and meal.....	1,000 tons	81	26,488	44	12,577	90	29,616	50	15,530	59	20,473
Other nonedible products.....			513,777		805,141		1,107,038		939,278		1,112,258
Total nonedible products.....			544,387		823,040		1,142,656		962,061		1,139,559
Grand total.....			2,622,879		3,076,182		3,811,052		3,648,452		4,173,339

<sup>1</sup> Excludes loans and discs, included with other.

U.S. Department of Commerce, National Marine Fisheries Service Compiled from reports of the Bureau of the Census.

Table 743.—Domestic fishery products: United States export, 1977-81

Class and item	Unit	1977		1978		1979		1980		1981	
		Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
Edible fishery products:											
Fresh or frozen:											
Fish:											
Cod, haddock, hake, pollock, and cusk.....	1,000 pounds		1,000 dollars		1,000 dollars		1,000 dollars		1,000 dollars		1,000 dollars
Salmon.....	do	69,844	125,396	125,771	276,256	144,365	311,594	125,465	207,071	204,130	374,326
Other.....	do	110,823	54,205	101,280	72,347	153,261	128,823	192,192	136,994	219,044	155,385
Shellfish:											
Shrimp.....	do	26,089	60,731	34,801	88,184	28,934	87,392	15,913	48,928	17,608	53,730
Other.....	do	48,365	81,324	85,871	188,272	116,956	219,161	95,820	178,819	75,024	160,917
Canned:											
Fish:											
Mackerel.....	do	1,244	327	9,560	10,446	8,357	11,142	10,362	13,764	16,833	20,104
Salmon.....	do	21,275	34,031	32,513	49,240	50,719	91,916	74,006	149,971	63,494	128,617
Sardines.....	do	1,186	855	1,555	1,533	1,590	1,180	1,839	1,371	1,731	1,700
Other.....	do	11,000	14,503	3,428	4,495	928	3,566	487	565	1,023	881
Shellfish:											
Shrimp.....	do	8,966	18,066	5,984	12,084	5,469	12,391	5,832	17,207	4,545	13,954
Other.....	do	8,860	9,323	12,682	12,426	10,901	12,736	10,944	10,277	12,906	10,376
Cured:											
Miscellaneous fish.....	do	23,081	73,892	34,336	115,385	31,451	138,877	40,413	137,971	52,372	151,572
Miscellaneous shellfish.....	do	326	722	530	986	648	1,426	623	1,425	559	1,203
Total edible products.....	do	331,059	473,375	448,311	831,654	553,580	1,020,204	573,896	904,363	669,269	1,072,765
Nonedible fishery products:											
Fish oils.....	do	90,633	18,107	222,012	42,340	198,497	39,571	284,009	52,395	238,308	42,572
Whale and sperm oil.....	do	5,503	1,672	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Furs, fur-seal, dressed or dyed.....	1,000 pieces	32	2,833	22	1,866	23	2,450	22	1,897	15	1,148
Shells, unmanufactured.....	1,000 pounds	12,800	4,634	10,562	4,685	12,294	5,744	14,576	7,244	16,394	9,401
Other nonedible.....	do		19,875		24,989		14,397		40,255		31,109
Total nonedible products.....	do		47,121		73,880		62,162		101,791		84,230
Grand total.....	do		520,496		905,534		1,082,366		1,006,154		1,156,995

<sup>1</sup>Not available.

U.S. Department of Commerce, National Marine Fisheries Service. Compiled from reports of the Bureau of the Census.

Table 744.—Industrial fishery: Production, United States, 1965-81

Year	Marine animal scrap and meal					Total scrap and meal		Marine animal body, liver, and viscera oil	
	Menhaden dried scrap and meal	Herring meal	Tuna and mackerel meal	Other meal dried and green scrap	Amount	Value	Menhaden oil	Herring oil	
									1,000 tons
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	159,493	6,563	26,870	59,738	253	39,823	19,246	450	
1970	188,550	6,415	26,674	47,558	269	46,353	24,037	702	
1971	220,996	5,189	29,287	37,340	293	44,501	31,489	756	
1972	193,580	5,487	43,226	42,213	286	48,289	21,543	653	
1973	188,786	4,457	43,635	50,639	288	119,905	25,870	222	
1974	203,859	3,191	48,244	45,420	301	84,380	28,006	( <sup>1</sup> )	
1975	191,443	3,581	37,209	58,198	290	65,545	27,519	206	
1976	212,553	4,338	40,059	52,744	309	96,815	24,052	268	
1977	193,268	2,294	39,228	47,501	282	97,239	14,987	57	
1978	276,546	3,159	50,603	32,602	363	121,207	36,649	173	
1979	280,813	6,451	47,391	39,638	374	131,528	32,432	240	
1980	271,181	5,016	47,019	38,706	362	133,669	37,604	224	
1981 <sup>2</sup>	230,824	2,429	47,179	29,705	310	118,621	21,942	30	

  

Year	Marine animal body, liver, and viscera oil—Continued					Value of—			
	Tuna and mackerel oil	Whale and sperm oil	Liver and viscera oil	Other marine animal oils	Total oils		Shell products	Other byproducts	Grand total
					Amount	Value			
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965	619	344		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	549	224		1,439	21,908	9,326	4,170	35,893	89,212
1970	456	88		1,308	26,591	18,185	9,409	31,593	99,540
1971	637	54		1,316	34,252	20,831	4,128	37,091	106,551
1972	649			1,470	23,315	13,117	4,210	90,366	155,982
1973	954			19,939	28,985	25,563	4,015	53,345	202,828
1974	880			1,821	30,707	49,216	4,651	60,587	198,834
1975	831			3,141	31,697	32,603	5,847	58,302	162,297
1976	818			1,260	26,398	31,156	6,085	50,694	184,750
1977	491			1,650	17,185	28,239	6,708	58,386	190,572
1978	562			846	38,230	60,701	4,465	64,550	250,923
1979	698			1,204	34,574	54,087	( <sup>3</sup> )	73,843	259,458
1980	528			1,968	40,324	57,936	( <sup>4</sup> )	78,001	269,606
1981 <sup>2</sup>	579			1,230	23,781	33,085	( <sup>4</sup> )	68,554	220,260

<sup>1</sup> Included with "Other meal dried and green scrap" or other oils.<sup>2</sup> Preliminary.<sup>3</sup> Beginning with 1970, data for oystershell products only.<sup>4</sup> Included with other byproducts.

U.S. Department of Commerce, National Marine Fisheries Service.

**Table 745.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1953-81<sup>1</sup>**

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types <sup>2</sup>
	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>	<i>1,000 cu. ft.</i>
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
1971.....	774,265	624,442	28,272	1,426,979
1973.....	828,691	686,477	( <sup>3</sup> )	1,515,168
1975.....	875,292	754,772	.....	1,630,064
1977.....	893,589	784,943	.....	1,678,532
1979.....	940,005	912,460	.....	1,852,464
1981.....	983,093	941,881	.....	1,924,973

<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.

<sup>2</sup> Totals may not add due to rounding.

<sup>3</sup> Included in "Private and semiprivate cold storage," beginning 1973.

Statistical Reporting Service.

**Table 746.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1981<sup>1</sup>**

State	Gross space	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>		<i>1,000 cu. ft.</i>
Ala.....	7,905	Ind.....	20,163	Nebr.....	19,696	S. Dak.....	2,710
Alaska.....	6,582	Iowa.....	42,622	Nev.....	1,017	Tenn.....	26,245
Ariz.....	5,130	Kans.....	35,321	N.H.....	4,950	Texas.....	68,009
Ark.....	10,129	Ky.....	7,541	N.J.....	36,739	Utah.....	20,140
Calif.....	228,161	La.....	7,070	N. Mex.....	1,346	Vt.....	3,444
Colo.....	10,952	Maine.....	17,663	N.Y.....	91,597	Va.....	52,946
Conn.....	6,426	Md. and D.C.....	18,375	N.C.....	8,226	Wash.....	310,300
Del.....	7,147	Mass.....	48,130	Ohio.....	47,381	W. Va.....	9,716
Fla.....	156,016	Mich.....	73,328	Okla.....	7,620	Wis.....	69,062
Ga.....	57,513	Minn.....	43,117	Oreg.....	105,361	Other States.....	9,500
Hawaii.....	3,453	Miss.....	847	Pa.....	59,674	U.S.....	1,924,973
Idaho.....	34,014	Mo.....	47,746	R.I.....	2,161		
Ill.....	56,049	Mont.....	198	S.C.....	10,501		

<sup>1</sup> Only those States having 3 or more warehouses are listed separately.

Statistical Reporting Service.

Table 747.—Alaska corps: Acreage harvested, 1965-81

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1965	600	1,600	1,200	5,700	3,100	1,200	780	145
1966	400	1,600	1,400	6,800	2,500	1,400	710	155
1967	600	1,800	1,200	7,500	2,400	1,400	690	180
1968	900	1,900	900	7,000	2,100	1,400	620	285
1969	500	1,200	1,100	7,000	1,600	1,400	620	250
1970	500	1,500	1,400	6,600	1,500	1,400	610	200
1971	200	3,100	1,900	5,100	2,200	2,000	630	205
1972	500	2,800	2,400	8,500	1,900	1,900	550	170
1973	600	3,100	2,200	9,400	1,200	1,700	500	165
1974	400	1,100	3,200	9,400	1,100	1,700	570	155
1975	400	1,500	3,600	10,800	1,000	1,800	530	165
1976	300	1,300	3,300	10,400	1,000	1,500	510	175
1977	400	2,600	2,100	10,200	1,000	1,400	520	162
1978	600	4,000	2,300	9,900	900	1,500	450	198
1979	300	5,800	1,000	9,800	700	1,700	460	220
1980	600	11,500	2,400	10,400	1,900	1,700	460	227
1981 <sup>2</sup>	500	6,500	3,200	11,200	1,400	1,600	500	273

<sup>1</sup>Excludes greenhouse-grown vegetables. <sup>2</sup>Preliminary.  
Statistical Reporting Service.

Table 748.—Alaska crops: Volume harvested, 1965-81

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1965	13,400	32,300	2,200	6,600	17,700	4,000	131,000	14,500
1966	10,200	34,600	2,100	9,200	14,300	4,000	111,500	15,500
1967	14,800	36,300	1,900	11,200	14,600	4,900	138,000	18,200
1968	15,000	27,400	1,100	8,800	12,800	5,600	114,700	24,800
1969	4,800	14,400	1,000	6,700	5,700	4,500	71,300	16,300
1970	7,200	22,300	1,500	7,900	7,400	6,200	106,800	15,900
1971	3,800	21,600	2,600	4,600	13,300	6,200	110,300	16,100
1972	4,800	24,900	3,000	11,500	10,700	8,600	99,000	14,000
1973	8,100	48,400	2,600	12,200	6,400	6,400	102,500	13,700
1974	3,200	18,200	4,000	11,800	5,900	6,600	90,500	16,000
1975	5,400	33,600	7,100	14,300	4,800	10,400	108,700	16,300
1976	3,800	32,200	6,100	12,500	4,500	6,700	91,000	18,800
1977	6,300	60,500	3,500	17,100	3,900	7,700	115,000	19,300
1978	9,200	72,000	4,700	15,700	5,300	6,800	81,000	19,900
1979	5,000	137,800	1,600	14,200	4,200	8,200	85,000	22,700
1980	8,400	162,700	2,700	12,300	4,700	7,700	77,000	23,200
1981 <sup>2</sup>	7,000	104,700	5,500	14,700	6,100	6,700	95,000	40,900

<sup>1</sup>Excludes greenhouse-grown vegetables. <sup>2</sup>Preliminary.  
Statistical Reporting Service.

Table 749.—Alaska crops: Value of production, 1965-81

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables <sup>1</sup>
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1965.....	57,000	131,000	528,000	412,000	756,000	203,000
1966.....	42,000	140,000	655,000	329,000	619,000	218,000
1967.....	62,000	144,000	721,000	312,000	642,000	228,000
1968.....	68,000	117,000	545,000	276,000	654,000	297,000
1969.....	17,000	53,000	539,000	184,000	378,000	193,000
1970.....	29,000	88,000	705,000	245,000	705,000	255,000
1971.....	17,000	83,000	576,000	351,000	772,000	319,000
1972.....	21,000	101,000	1,160,000	367,000	941,000	291,000
1973.....	58,000	363,000	1,332,000	320,000	1,179,000	282,000
1974.....	27,000	158,000	2,054,000	500,000	1,122,000	381,000
1975.....	44,000	287,000	2,782,000	582,000	1,304,000	390,000
1976.....	30,000	261,000	2,325,000	391,000	1,092,000	447,000
1977.....	51,000	479,000	2,781,000	433,000	1,323,000	439,000
1978.....	79,000	570,000	2,652,000	457,000	932,000	539,000
1979.....	41,000	861,000	2,054,000	477,000	1,046,000	571,000
1980.....	81,000	1,017,000	2,100,000	484,000	1,463,000	616,000
1981 <sup>2</sup> .....	65,000	894,000	3,232,000	499,000	1,900,000	639,000

<sup>1</sup>Excludes greenhouse-grown vegetables.   <sup>2</sup>Preliminary.  
Statistical Reporting Service.



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