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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 1987 or later.

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 five years and check data from various sources. Being estimates, they are subject to revision as more data become available from commerical 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[1]	Approximate net weight	
		U.S.	Metric
		Pounds	*Kilograms*
Alfalfa seed	Bushel	60	27.2
Apples	.....do	48	21.8
Do	Loose pack	38–42	17.2–19.1
Do	Tray pack	40–45	18.1–20.4
Do	Cell pack	37–41	16.8–18.6
Apricots	Lug (brentwood)[2]	24	10.9
Western	4–basket crate[3]	26	11.8
Artichokes:			
Globe	Ctn, by count and loose pack	20–25	9.1–11.3
Jerusalem	Bushel	50	22.7
Asparagus	Crate (NJ)	30	13.6
Avocados	Lug[4]	12–15	5.4–6.8
Bananas	Fiber folding box[5]	40	18.1
Barley	Bushel	48	21.8
Beans:			
Lima, dry	.....do	56	25.4
Other, dry	.....do	60	27.2
	Sack	100	45.4
Lima unshelled	Bushel	28–32	12.7–14.5
Snap	.....do	28–32	12.7–14.5
Beets:			
Topped	Sack	25	11.3
Bunched	½ crate 2 dz-bchs	36–40	16.3–18.1
Berries frozen pack:			
Without sugar	50–gal. barrel	380	172
3 + 1 pack	.....do	425	193
2 + 1 pack	.....do	450	204
Blackberries	12, ½-pint basket	6	2.7
Bluegrass seed	Bushel	14–30	6.4–13.6
Broccoli	Wirebound crate	20–25	9.1–11.3
Broomcorn (6 bales per ton)	Bale	333	151
Broomcorn seed	Bushel	44–50	20.0–22.7
Brussels sprouts	Ctn, loose pack	25	11.3
Buckwheat	Bushel	48	21.8
Butter	Box	64	29.0
Cabbage	Open mesh bag	50	22.7
Do	Flat crate (1¾ bu)	50–60	22.7–27.2
Do	Ctn, place pack	53	24.0
Cantaloups	Crate	40	18.1
Carrots	Film plastic Bags, mesh sacks & cartons holding 48 1 lb. film bags	55	24.9
Without tops	Burlap sack	74–80	33.6–36.3
Castor beans	Bushel	41	18.6
Castor oil	Gallon	[7] 8	3.6
Cauliflower	W.G.A. crate	50–60	22.7–27.2
Do	Fiberboard box wrapper leaves removed film-wrapped, 2 layers	23–35	10.4–15.9
Celery	Crate[8]	60	27.2
Cherries	Lug (Campbell)[9]	16	7.3
Do	Lug	20	9.1
Clover seed	Bushel	60	27.2
Coffee	Bag	132.3	60
Corn:			
Ear, husked	Bushel	[10] 70	31.8
Shelled	.....do	56	25.4
Meal	.....do	50	22.7
Oil	Gallon	[7] 7.7	3.5
Syrup	.....do	11.72	5.3
Sweet	Wirebound crate	50	22.7
Do	Ctn, packed 5 oz. ears	50	22.7
Do	WDB crate, 4½–5 oz. (from FL & NJ)	42	19.1
Cotton	Bale, gross	[11] 500	227
Do	Bale, net	[11] 480	218
Cottonseed	Bushel	[12] 32	14.5
Cottonseed oil	Gallon	[7] 7.7	3.5
Cowpeas	Bushel	60	27.2
Cranberries	Barrel	100	45.4
Do	¼–bbl. box[13]	25	11.3
Cream, 40–percent butterfat	Gallon	8.38	3.80
Cucumbers	Bushel	48	21.8
Dewberries	24–qt. crate	36	16.3
Eggplant	Bushel	33	15.0
Eggs, average size	Case, 30 dozen	47.0	21.3
Escarole	Bushel	25	11.3
Figs, fresh	Box single layer[14]	6	2.7
Flaxseed	Bushel	56	25.4
Flour, various	Bag	100	45.4
Do	Ctn or Crate, Bulk	30	13.6
Garlic	Ctn of 12 tubes or 12 film bag pkgs 12 cloves each	10	4.5
Grapefruit:			
Florida and Texas	½–box mesh bag	40	18.1
Florida	1⅗ bu. box	85	38.6
Texas	1⅖ bu. box	80	36.3
California and Arizona	Box[15]	[16] 67	30.4
Grapes:			
Eastern	12–qt. basket	20	9.1
Western	Lug	28	12.7
Do	4–basket crate[17]	20	9.1
Hempseed	Bushel	44	20.0
Hickory nuts	.....do	50	22.7
Honey	Gallon	11.84	5.4
Honeydew melons	⅔ Ctn	28–32	12.7–14.5
Hops	Bale, gross	200	90.7

See footnotes on page ix.

WEIGHTS AND MEASURES—Continued

Commodity	Unit [1]	Approximate net weight	
		U.S.	Metric
		Pounds	*Kilograms*
Horseradish			
roots	Bushel	35	15.9
Do	Sack	50	22.7
Hungarian millet seed	Bushel	48 and 50	21.8–22.7
Kale	Ctn or crate	25	11.7
Kapok seed	.....do	35–40	15.9–18.1
Lard	Tierce	375	170
Lemons:			
California and Arizona	Box [18]	76	34.5
Do	Carton	38	17.2
Lentils	Bushel	60	27.2
Lettuce, iceberg	Iceberg, carton packed 24	43–52	19.5–23.6
Lettuce, hot-house	24-qt. basket	10	4.5
Limes (Florida)	Box	88	39.9
Linseed oil	Gallon	[7] 7.7	3.5
Malt	Bushel	34	15.4
Maple syrup	Gallon	11.02	5.00
Meadow fescue seed	Bushel	24	10.9
Milk	Gallon	8.6	3.90
Millet	Bushel	48–60	21.8–22.7
Molasses:			
edible	Gallon	11.74	5.3
inedible	.....do	11.74	5.3
Mustard seed	Bushel	58–60	26.3–27.2
Oats	.....do	32	14.5
Olives	Lug	25–30	11.3–13.6
Olive oil	Gallon	[7] 7.6	3.5
Onions, dry	Sack	50	22.7
Onions, green bunched	Ctn, 24-dz bchs	10–16	4.5–7.3
Oranges:			
Florida	Box	90	40.8
Texas	Box	85	38.5
California and Arizona	Box [15]	75	34.0
Do	Carton	38	17.2
Orchardgrass seed	Bushel	14	6.4
Palm oil	Gallon	[7] 7.7	3.5
Parsnips	Bushel	50	22.7
Peaches	.....do	48	21.8
Do	2 layer ctn or lug	22	10.0
Do	¾-Bu, Ctn/crate	38	17.2
Peanut oil	Gallon	[7] 7.7	3.5
Peanuts, unshelled:			
Virginia type	Bushel	17	7.7
Runners, South-eastern	.....do	21	9.5
Spanish:			
Southeast-ern	.....do	25	11.3
Southwest-ern	.....do	25	11.3
Pears:			
California	Bushel	48	21.8
Other	.....do	50	22.7
Do	Std box, 4/5 bu	45–48	20.4–21.8
Do	Ctn, Tight-fill pack	36–37	16.3–16.7
Peas:			
Green, unshelled	Bushel	28–30	12.7–13.6
Dry	.....do	60	27.2
Peppers, green	.....do	25–30	11.3–13.6
Do	1½ bu carton	28	12.7
Perilla seed	Bushel	37–40	16.8–18.1
Pineapples	Carton	40	18.1
Plums and prunes:	Ctn & lugs	28	12.7
Do	½-bu. basket	30	13.6
Popcorn:			
On ear	Bushel	[10] 70	31.8
Shelled	.....do	56	25.4
Poppy seed	.....do	46	20.9
Potatoes	Bushel	60	27.2
Do	Barrel	165	74.8
Do	Box	50	22.7
Do	.....do	100	45.4
Quinces	Bushel	48	21.8
Rapeseed	.....do	50 and 60	22.7–27.2
Raspberries	½-pint baskets	6	2.7
Redtop seed	Bushel	50 and 60	22.7–27.2
Refiners' syrup	Gallon	11.45	5.2
Rice:			
Rough	Bushel	45	20.4
Do	Bag	100	45.4
Do	Barrel	162	73.5
Milled	Pocket or bag	100	45.4
Rosin	Drum, net	520	236
Rutabagas	Bushel	56	25.4
Rye	.....do	56	25.4
Sesame seed	.....do	46	20.9
Shallots	Crate (4–7 doz. bunches)	20–35	9.1–15.9
Sorgo:			
Seed	Bushel	50	22.7
Syrup	Gallon	11.55	5.2
Sorghum grain [19]	Bushel	56	25.4
Soybeans	.....do	60	27.2
Soybean oil	Gallon	[7] 7.7	3.5
Spelt	Bushel	40	18.1
Spinach	.....do	18–20	8.2–9.1
Strawberries	24-qt. crate	36	16.3
Do	12-pt. crate	9–11	4.1–5.0
Sudangrass seed	Bushel	40	18.1
Sugarcane:			
Syrup (sulfured or un-sulfured)	Gallon	11.45	5.2
Sunflower seed	Bushel	24 and 32	10.9–14.5
Sweetpotatoes	.....do	[20] 55	24.9
Do	Crate	50	22.7
Tangerines:			
Florida	Box	95	43.1
Arizona	Box	75	34.0
California	Box	75	34.0

See footnotes on page ix.

WEIGHTS AND MEASURES—Continued

Commodity	Unit [1]	Approximate net weight	
		U.S.	Metric
		Pounds	*Kilograms*
Timothy seed	Bushel	45	20.4
Tobacco:			
Maryland	Hogshead	775	352
Flue-cured	.....do	950	431
Burley	.....do	975	442
Dark air-cured	.....do	1,150	522
Virginia fire-cured	.....do	1,350	612
Kentucky and Tennessee fire-cured	.....do	1,500	680
Cigar-leaf	Case	250–365	113–166
Do	Bale	150–175	68.0–79.4
Tomatoes	Crate	60	27.2
Do	Lug box	32	14.5
Do	2-layer flat	21	9.5
Tomatoes, hot-house	12-qt. basket	20	9.1
Tung oil	Gallon	[7] 7.8	3.5

Commodity	Unit [1]	Approximate net weight	
		U.S.	Metric
		Pounds	*Kilograms*
Turnips:			
Without tops	Mesh sack	50	22.7
Bunched	Crate [6]	70–80	31.8–36.3
Turpentine	Gallon	7.23	3.3
Velvetbeans (hulled)	Bushel	60	27.2
Vetch	.....do	60	27.2
Walnuts	Sacks	50	22.7
Water 60° F	Gallon	8.33	3.8
Watermelons	Melons of average or medium size	25	11.3
Wheat	Bushel	60	27.2
Various commodities	Short ton	2,000	907
Do	Long ton	2,240	1,016
Do	Metric ton	2,204.6	1,000

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 hectares
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 [21]	1.4 bushels fresh
Applesauce	.....do [21]	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 [22]	0.008 ton fresh
Buckwheat flour	100 pounds	3.47 bushels buckwheat
Calves	1 pound live weight	0.586 pound dressed weight (1995 average)
Cattle	.....do	0.601 pound dressed weight (1995 average)
Cane syrup	1 gallon	5 pounds sugar
Cherries, tart	1 case canned [21]	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 [22]	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 [23]
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 [24]	1 gallon	15 pounds milk
Ice cream [24] (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 [22]	0.64 box fresh fruit
Hogs	1 pound live weight	0.727 pound dressed weight, excluding lard (1995 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 syrup	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:		
Black	.....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 [22]	0.53 box fresh
Peaches, California, freestone	1 pound dried	5⅓ 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 [21]	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 [22]	1.1 bushels fresh
Do	.....do	0.026 ton fresh

See footnotes on page ix.

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green	1 pound shelled	2½ pounds unshelled
Do	1 case canned[22]	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	0.504 pound dressed weight (1995 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[22]	0.018 ton fresh
Turkeys	1 pound live weight	0.80 pound ready-to-cook weight
Wheat flour	100 pounds	2.30 bushels wheat[25]
Wool, domestic apparel shorn	1 pound greasy	0.48 pounds scoured
Wool, domestic apparel pulled	.....do	0.73 pound scoured

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

[2] Approximate inside dimensions, 4⅝ by 12½ by 16⅛ inches.

[3] Approximate inside dimensions, 4½ by 16 by 16⅛ inches.

[4] Approximate dimensions, 4½ by 13½ by 16⅛ inches.

[5] Approximate inside dimensions, 13 by 12 by 32 inches.

[6] Approximate inside dimensions, 13 by 18 by 21⅝ inches.

[7] This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

[8] Approximate inside dimensions, 9¾ by 16 by 20 inches.

[9] Approximate inside dimensions, 4⅛ by 11½ by 14 inches.

[10] 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.

[11] 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.

[12] This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

[13] Approximate inside dimensions, 9¼ by 10½ by 15 inches.

[14] Approximate inside dimensions, 1¾ by 11 by 16⅛ inches.

[15] Approximate inside dimensions, 11½ by 11½ by 24 inches.

[16] Beginning withe 1993-94 season, net weights for California Desert Valley and Arizona grapefruit were increased from 64 to 67 pounds, equal to the California other area net weight, making a 67 pound net weight apply to all of California.

[17] Approximate inside dimensions, 4¾ by 16 by 16⅛ inches.

[18] Approximate inside dimensions, 9⅞ by 13 by 25 inches.6 by 16 by 16⅛ inches.

[19] Includes both sorghum grain (kafir, milo, hegari, etc.) and sweet sorghum varieties.

[20] 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.

[21] Case of 24 No. 2½ cans.

[22] Case of 24 No. 303 cans.

[23] Varies widely by method of harvesting.

[24] 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.

[25] This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790–1879, 5 bushels; 1880–1908, 4.75 bushels, 1909–17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921–44, 4.7 bushels; July 1944–Feb. 1946, 4.57 bushels; March 1946–Oct. 1946, average was about 4.31 bushels; and Nov. 1946–June 1957, 4.57 bushels.

CHAPTER I

STATISTICS OF GRAIN 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 1-1.—Total grain: Supply and disappearance, United States, 1987–96 [1]

Year [2]	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*
1987	204.5	280.2	1.6	486.3	217.8	98.6	316.5	169.9
1988	169.9	206.3	2.0	378.1	188.1	103.6	291.6	86.5
1989	86.5	284.0	2.3	372.7	204.5	106.7	311.3	61.4
1990	61.4	312.1	2.8	376.3	220.0	83.8	303.8	72.5
1991	72.5	279.7	3.8	356.0	220.2	87.6	307.9	48.2
1992	48.2	352.7	3.6	404.5	233.7	91.5	325.2	79.3
1993	79.3	258.8	7.3	345.4	224.2	77.2	301.4	44.0
1994	44.0	357.0	6.2	407.3	247.5	99.3	346.7	60.5
1995	60.5	276.7	5.0	342.2	215.9	100.5	316.4	25.8
1996 [3]	25.8	337.5	5.9	369.2	246.7	82.2	328.9	40.3

[1] Aggregate data on corn, sorghum, barley, oats, wheat, rye, and rice. [2] The marketing year for corn and sorghum begins September 1; for oats, barley, wheat, and rye, June 1; and for rice, August 1. [3] Preliminary. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-2.—Wheat: Area, yield, production, and value, United States, 1988–97

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers [2]	Value of production [2]
	Planted [1]	Harvested				
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	65,529	53,189	34.1	1,812,201	3.72	6,683,999
1989	76,615	62,189	32.7	2,036,618	3.72	7,542,464
1990	77,041	69,103	39.5	2,729,778	2.61	7,166,888
1991	69,881	57,803	34.3	1,980,139	3.00	5,954,912
1992	72,219	62,761	39.3	2,466,798	3.24	8,009,711
1993	72,168	62,712	38.2	2,396,440	3.26	7,647,527
1994	70,349	61,770	37.6	2,320,981	3.45	7,968,237
1995	69,132	60,945	35.8	2,182,591	4.55	9,787,213
1996	75,621	62,927	36.3	2,285,133	4.30	9,814,961
1997	70,989	63,577	39.7	2,526,552	3.45	8,611,684

[1] Includes area seeded in preceding fall for winter wheat. [2] Includes allowance for loans outstanding and purchases by the Government valued at the average loan and purchase rate, by States, where applicable.

NASS, Crops Branch, (202) 720–2127.

Table 1-3.—Wheat, by type: Area, yield, production, and value, United States, 1988–97

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers [2]	Value of production [2]
	Planted [1]	Harvested				
	Winter wheat					
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	48,800	39,800	39.2	1,561,910	3.65	5,684,359
1989	55,091	41,509	35.0	1,454,642	3.78	5,450,176
1990	56,748	49,721	40.7	2,024,224	2.62	5,376,551
1991	51,024	39,506	34.7	1,371,617	2.92	4,009,797
1992	50,922	42,123	38.2	1,609,284	3.24	5,226,189
1993	51,587	43,811	40.2	1,760,143	3.03	5,287,607
1994	49,197	41,355	40.2	1,661,943	3.37	5,578,351
1995	48,686	40,972	37.7	1,544,653	4.41	6,717,800
1996	51,958	39,679	37.2	1,477,058	4.33	6,427,598
1997	48,342	41,813	45.0	1,882,609	3.25	6,186,746
	Durum wheat					
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	3,336	2,847	15.7	44,831	4.70	203,923
1989	3,791	3,673	25.1	92,229	3.46	316,838
1990	3,570	3,507	34.9	122,430	2.63	318,922
1991	3,253	3,197	32.5	103,957	2.82	300,621
1992	2,547	2,519	39.7	99,906	3.05	306,498
1993	2,241	2,100	33.6	70,476	4.48	324,049
1994	2,823	2,715	35.6	96,747	4.62	449,041
1995	3,436	3,356	30.5	102,280	5.65	567,541
1996	3,630	3,556	32.6	116,090	4.67	541,993
1997	3,250	3,107	27.7	86,193	4.85	418,213
	Other spring wheat [3]					
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	13,393	10,542	19.5	205,460	3.77	795,717
1989	17,733	17,007	28.8	489,747	3.61	1,775,450
1990	16,723	15,875	36.7	583,124	2.58	1,471,415
1991	15,604	15,100	33.4	504,565	3.15	1,644,494
1992	18,750	18,119	41.8	757,608	3.29	2,477,024
1993	18,340	16,801	33.7	565,821	3.58	2,035,871
1994	18,329	17,700	31.8	562,291	3.42	1,940,845
1995	17,010	16,617	32.2	535,658	4.59	2,501,872
1996	20,033	19,692	35.1	691,985	4.20	2,845,370
1997	19,397	18,657	29.9	557,750	3.60	2,006,725

[1] Seeded in preceding fall for winter wheat. [2] Obtained by weighting State prices by quantity sold. [3] Includes small quantities of durum wheat grown in other States.

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Table 1-4.—Wheat: Stocks on and off farms, United States, 1988–97

Year beginning September	All wheat							
	On farms				Off farms [1]			
	Sept. 1	Dec. 1	Mar. 1	Jun. 1	Sept. 1	Dec. 1	Mar. 1	Jun. 1
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1988	798,000	620,000	463,000	289,000	1,455,552	1,095,902	764,711	412,626
1989	832,000	592,000	376,000	212,500	1,086,046	830,490	567,109	323,955
1990	1,000,000	763,200	532,920	341,210	1,411,088	1,146,734	864,761	526,924
1991	840,000	566,800	277,550	144,605	1,214,736	881,000	614,425	330,416
1992	990,400	672,000	378,000	183,820	1,130,165	919,735	670,291	346,832
1993	987,000	653,100	363,200	175,255	1,145,607	932,634	664,787	393,229
1994	859,880	570,550	335,250	163,410	1,209,694	920,554	633,823	343,175
1995	743,600	477,000	220,550	74,610	1,137,499	861,267	602,914	301,410
1996	824,500	584,150	320,750	154,560	899,696	634,660	501,069	289,047
1997	794,350	604,000	NA	NA	1,281,998	1,010,891	NA	NA

Year beginning September	Durum wheat							
	On farms				Off farms [1]			
	Sept. 1	Dec. 1	Mar. 1	Jun. 1	Sept. 1	Dec. 1	Mar. 1	Jun. 1
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1988	56,040	49,615	43,635	34,201	50,630	40,928	34,808	25,813
1989	79,150	61,827	46,898	30,836	42,431	38,361	31,545	19,385
1990	100,050	86,315	58,759	43,353	31,330	25,811	23,679	18,862
1991	94,160	77,460	56,279	35,700	33,897	24,139	23,046	19,162
1992	92,490	77,190	53,615	33,022	20,905	25,456	24,876	15,965
1993	83,950	50,500	21,645	11,022	20,918	26,398	19,853	16,836
1994	74,220	44,428	26,060	12,240	17,526	21,113	16,675	13,752
1995	72,560	47,220	27,250	12,470	24,655	23,886	21,381	13,275
1996	79,700	66,100	33,100	17,800	22,687	20,011	21,956	12,938
1997	51,000	37,000	NA	NA	36,712	30,280	NA	NA

[1] Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. NA-not available.

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Table 1-5.—Wheat: Supply and disappearance, United States, 1987–96

Year beginning June	Supply				Disappearance						Ending stocks May 31
	Beginning stocks	Production	Imports [1]	Total	Domestic use				Exports [1]	Total disappearance	
					Food	Seed	Feed [2]	Total			
	Million bushels	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*
1987	1,821	2,108	16	3,945	721	85	290	1,096	1,588	2,684	1,261
1988	1,261	1,812	23	3,096	726	103	150	979	1,415	2,394	702
1989	702	2,037	22	2,761	749	104	139	992	1,232	2,224	536
1990	536	2,730	36	3,303	790	93	482	1,365	1,069	2,435	868
1991	868	1,980	41	2,889	789	98	244	1,132	1,282	2,414	475
1992	475	2,467	70	3,012	835	99	194	1,128	1,354	2,481	531
1993	531	2,396	109	3,036	872	96	272	1,240	1,228	2,467	568
1994	568	2,321	92	2,981	853	89	344	1,287	1,188	2,475	507
1995	507	2,183	68	2,757	883	104	153	1,140	1,241	2,381	376
1996 [3]	376	2,285	92	2,753	892	103	314	1,308	1,001	2,310	444

[1] Imports and exports include flour and other products expressed in wheat equivalent. [2] Residual, approximates feed use and includes negligible quantities used for distilled spirits. [3] Preliminary. Totals may not add due to independent rounding.

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Table 1-6.—Wheat: Supply and disappearance, by class, United States, 1992–95 [1]

Item	Year beginning June			
	1992	1993	1994	1995
	Million bushels	*Million bushels*	*Million bushels*	*Million bushels*
All wheat:				
Stocks, June 1	475	531	568	507
Production	2,467	2,396	2,321	2,183
Supply [2]	3,012	3,036	2,981	2,757
Exports [3]	1,354	1,228	1,188	1,241
Domestic disappearance	1,128	1,240	1,287	1,140
Stocks, May 31	531	568	507	376
Hard red winter:				
Stocks, June 1	194	204	227	194
Production	967	1,066	971	825
Supply [2]	1,162	1,273	1,202	1,019
Exports [3]	464	486	422	384
Domestic disappearance	494	560	586	481
Stocks, May 31	204	227	194	154
Soft red winter:				
Stocks, June 1	41	43	45	193
Production	427	401	434	456
Supply [2]	468	444	480	492
Exports [3]	210	173	212	250
Domestic disappearance	215	226	231	207
Stocks, May 31	43	45	37	35
Hard red spring:				
Stocks, June 1	131	171	201	193
Production	707	512	515	475
Supply [2]	873	749	767	698
Exports [3]	438	266	292	330
Domestic disappearance	264	282	282	262
Stocks, May 31	171	201	193	106
Durum:				
Stocks, June 1	55	49	28	26
Production	100	70	97	102
Supply [2]	180	150	147	147
Exports [3]	47	54	40	39
Domestic disappearance	85	68	81	82
Stocks, May 31	49	28	26	26
White:				
Stocks, June 1	54	64	67	57
Production	266	347	304	325
Supply [2]	329	420	386	401
Exports [3]	195	249	222	238
Domestic disappearance	70	104	107	108
Stocks, May 31	64	67	57	55

[1] Data except production are approximations. [2] Total supply includes imports. [3] Imports and exports include flour and products in wheat equivalent.

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Table 1-7.—Wheat: Area, yield, and production, by States, 1995–97

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
	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*
AL	120	110	140	80	80	100	36.0	44.0	42.0	2,880	3,520	4,200
AZ	125	180	100	122	178	98	84.9	90.4	89.5	10,354	16,090	8,775
AR	1,100	1,300	880	1,000	1,240	820	47.0	54.0	48.0	47,000	66,960	39,360
CA	650	780	655	493	688	544	66.4	75.2	80.3	32,725	51,750	43,680
CO	2,940	3,070	3,153	2,738	2,268	2,900	38.4	33.3	32.7	105,260	75,500	94,700
DE	70	80	75	68	78	73	64.0	53.0	73.0	4,352	4,134	5,329
FL	20	13	17	12	10	15	32.0	38.0	39.0	384	380	585
GA	350	400	400	300	350	360	38.0	48.0	44.0	11,400	16,800	15,840
ID	1,410	1,620	1,510	1,330	1,560	1,440	77.7	76.4	79.2	103,320	119,200	114,060
IL	1,480	1,650	1,200	1,390	1,100	1,150	49.0	38.0	61.0	68,110	41,800	70,150
IN	700	850	700	660	720	660	60.0	38.0	58.0	39,600	27,360	38,280
IA	50	60	30	35	45	27	35.0	35.0	42.0	1,225	1,575	1,134
KS	11,700	11,800	11,400	11,000	8,800	11,000	26.0	29.0	46.0	286,000	255,200	506,000
KY	650	700	700	460	530	530	53.0	53.0	54.0	24,380	28,090	28,620
LA	100	140	130	80	130	115	36.0	43.0	37.0	2,880	5,590	4,255
MD	230	235	220	225	227	215	64.0	52.0	68.0	14,400	11,804	14,620
MI	630	700	550	620	630	540	60.0	38.0	62.0	37,200	23,940	33,480
MN	2,298	2,595	2,520	2,245	2,542	2,465	32.0	41.9	32.0	71,849	106,582	78,890
MS	180	245	200	165	230	175	38.0	49.0	43.0	6,270	11,270	7,525
MO	1,350	1,600	1,100	1,230	1,250	1,040	39.0	39.0	55.0	47,970	48,750	57,200
MT	5,720	6,640	6,240	5,435	6,360	5,930	36.0	27.8	31.3	195,750	176,960	185,630
NE	2,150	2,300	2,000	2,100	2,100	1,900	41.0	35.0	37.0	86,100	73,500	70,300
NV	12	21	18	10	19	16	85.0	86.8	98.4	850	1,650	1,575
NJ	36	46	35	32	38	34	57.0	46.0	60.0	1,824	1,748	2,040
NM	460	470	430	150	110	285	22.0	37.0	35.0	3,300	4,070	9,975
NY	130	160	140	125	150	135	55.0	43.0	56.0	6,875	6,450	7,560
NC	720	630	730	640	590	670	44.0	44.0	52.0	28,160	25,960	34,840
ND	11,290	12,680	11,570	11,118	12,515	11,025	27.0	31.6	24.3	300,300	395,130	267,695
OH	1,230	1,400	1,200	1,210	1,330	1,090	61.0	39.0	63.0	73,810	51,870	68,670
OK	6,900	7,000	6,800	5,200	4,900	5,400	21.0	19.0	33.0	109,200	93,100	178,200
OR	980	990	1,005	904	955	970	66.9	70.8	65.4	60,438	67,605	63,430
PA	190	195	180	185	190	175	55.0	48.0	52.0	10,175	9,120	9,100
SC	300	280	310	280	270	300	32.0	45.0	50.0	8,960	12,150	15,000
SD	2,883	4,325	4,170	2,752	3,854	3,469	33.0	36.1	28.6	90,736	139,270	99,213
TN	600	620	560	340	400	370	47.0	44.0	45.0	15,980	17,600	16,650
TX	5,800	6,000	6,300	2,800	2,900	4,100	27.0	26.0	29.0	75,600	75,400	118,900
UT	173	205	200	166	188	189	53.9	41.3	48.5	8,950	7,760	9,174
VA	300	300	280	275	275	250	64.0	53.0	68.0	17,600	14,575	17,000
WA	2,700	2,800	2,700	2,595	2,745	2,595	59.3	66.5	64.8	153,770	182,670	168,080
WV	15	14	13	12	11	9	52.0	45.0	54.0	624	495	486
WI	155	157	153	143	135	142	56.4	42.4	56.9	8,070	5,725	8,075
WY	235	260	275	220	236	256	36.2	25.6	32.3	7,960	6,030	8,276
US	69,132	75,621	70,989	60,945	62,927	63,577	35.8	36.3	39.7	2,182,591	2,285,133	2,526,552

[1] Includes area seeded in preceding fall for winter wheat.

NASS, Crops Branch, (202) 720–2127.

Table 1-8.—Wheat, by type: Area, yield, and production, by States, 1995–97

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
	Winter wheat											
	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*
AL	120	110	140	80	80	100	36.0	44.0	42.0	2,880	3,520	4,200
AZ	25	15	10	23	14	9	80.0	95.0	85.0	1,840	1,330	765
AR	1,100	1,300	880	1,000	1,240	820	47.0	54.0	48.0	47,000	66,960	39,360
CA	580	640	510	425	550	400	61.0	69.0	75.0	25,925	37,950	30,000
CO	2,900	3,000	3,100	2,700	2,200	2,850	38.0	32.0	32.0	102,600	70,400	91,200
DE	70	80	75	68	78	73	64.0	53.0	73.0	4,352	4,134	5,329
FL	20	13	17	12	10	15	32.0	38.0	39.0	384	380	585
GA	350	400	400	300	350	360	38.0	48.0	44.0	11,400	16,800	15,840
ID	830	900	920	770	860	870	76.0	80.0	80.0	58,520	68,800	69,600
IL	1,480	1,650	1,200	1,390	1,100	1,150	49.0	38.0	61.0	68,110	41,800	70,150
IN	700	850	700	660	720	660	60.0	38.0	58.0	39,600	27,360	38,280
IA	50	60	30	35	45	27	35.0	35.0	42.0	1,225	1,575	1,134
KS	11,700	11,800	11,400	11,000	8,800	11,000	26.0	29.0	46.0	286,000	255,200	506,000
KY	650	700	700	460	530	530	53.0	53.0	54.0	24,380	28,090	28,620
LA	100	140	130	80	130	115	36.0	43.0	37.0	2,880	5,590	4,255
MD	230	235	220	225	227	215	64.0	52.0	68.0	14,400	11,804	14,620
MI	630	700	550	620	630	540	60.0	38.0	62.0	37,200	23,940	33,480
MN	35	35	65	33	32	60	33.0	36.0	32.0	1,089	1,152	1,920
MS	180	245	200	165	230	175	38.0	49.0	43.0	6,270	11,270	7,525
MO	1,350	1,600	1,100	1,230	1,250	1,040	39.0	39.0	55.0	47,970	48,750	57,200
MT	1,500	2,150	1,600	1,370	1,980	1,450	40.0	32.0	39.0	54,800	63,360	56,550
NE	2,150	2,300	2,000	2,100	2,100	1,900	41.0	35.0	37.0	86,100	73,500	70,300
NV	5	10	12	4	9	11	100.0	100.0	100.0	400	900	1,100
NJ	36	46	35	32	38	34	57.0	46.0	60.0	1,824	1,748	2,040
NM	460	470	430	150	110	285	22.0	37.0	35.0	3,300	4,070	9,975
NY	130	160	140	125	150	135	55.0	43.0	56.0	6,875	6,450	7,560
NC	720	630	730	640	590	670	44.0	44.0	52.0	28,160	25,960	34,840
ND	40	80	70	38	75	55	30.0	30.0	21.0	1,140	2,250	1,155
OH	1,230	1,400	1,200	1,210	1,330	1,090	61.0	39.0	63.0	73,810	51,870	68,670
OK	6,900	7,000	6,800	5,200	4,900	5,400	21.0	19.0	33.0	109,200	93,100	178,200
OR	860	880	870	790	850	840	69.0	72.0	67.0	54,510	61,200	56,280
PA	190	195	180	185	190	175	55.0	48.0	52.0	10,175	9,120	9,100
SC	300	280	310	280	270	300	32.0	45.0	50.0	8,960	12,150	15,000
SD	1,600	2,000	1,650	1,520	1,580	1,050	37.0	35.0	30.0	56,240	55,300	31,500
TN	600	620	560	340	400	370	47.0	44.0	45.0	15,980	17,600	16,650
TX	5,800	6,000	6,300	2,800	2,900	4,100	27.0	26.0	29.0	75,600	75,400	118,900
UT	145	175	170	140	160	160	50.0	38.0	49.0	7,000	6,080	7,840
VA	300	300	280	275	275	250	64.0	53.0	68.0	17,600	14,575	17,000
WA	2,250	2,400	2,250	2,150	2,350	2,150	62.0	70.0	67.0	133,300	164,500	144,050
WV	15	14	13	12	11	9	52.0	45.0	54.0	624	495	486
WI	145	145	145	135	125	135	58.0	43.0	58.0	7,830	5,375	7,830
WY	210	230	250	200	210	235	36.0	25.0	32.0	7,200	5,250	7,520
US	48,686	51,958	48,342	40,972	39,679	41,813	37.7	37.2	45.0	1,544,653	1,477,058	1,882,609
	Durum wheat											
AZ	100	165	90	99	164	89	86.0	90.0	90.0	8,514	14,760	8,010
CA	70	140	145	68	138	144	100.0	100.0	95.0	6,800	13,800	13,680
MN	13	10	5	12	10	5	30.0	43.0	34.0	360	430	170
MT	270	290	290	265	280	280	30.0	25.0	26.0	7,950	7,000	7,280
ND	2,950	3,000	2,700	2,880	2,940	2,570	27.0	27.0	22.0	77,760	79,380	56,540
SD	33	25	20	32	24	19	28.0	30.0	27.0	896	720	513
US	3,436	3,630	3,250	3,356	3,556	3,107	30.5	32.6	27.7	102,280	116,090	86,193
	Other spring wheat											
CO	40	70	53	38	68	50	70.0	75.0	70.0	2,660	5,100	3,500
ID	580	720	590	560	700	570	80.0	72.0	78.0	44,800	50,400	44,460
MN	2,250	2,550	2,450	2,200	2,500	2,400	32.0	42.0	32.0	70,400	105,000	76,800
MT	3,950	4,200	4,350	3,800	4,100	4,200	35.0	26.0	29.0	133,000	106,600	121,800
NV	7	11	6	6	10	5	75.0	75.0	95.0	450	750	475
ND	8,300	9,600	8,800	8,200	9,500	8,400	27.0	33.0	25.0	221,400	313,500	210,000
OR	120	110	135	114	105	130	52.0	61.0	55.0	5,928	6,405	7,150
SD	1,250	2,300	2,500	1,200	2,250	2,400	28.0	37.0	28.0	33,600	83,250	67,200
UT	28	30	30	26	28	29	75.0	60.0	46.0	1,950	1,680	1,334
WA	450	400	450	445	395	445	46.0	46.0	54.0	20,470	18,170	24,030
WI	10	12	8	8	10	7	30.0	35.0	35.0	240	350	245
WY	25	30	25	20	26	21	38.0	30.0	36.0	760	780	756
US	17,010	20,033	19,397	16,617	19,692	18,657	32.2	35.1	29.9	535,658	691,985	557,750

[1] Area seeded in preceding fall for winter wheat.

NASS, Crops Branch, (202) 720–2127.

Table 1-9.—Wheat: Support operations, United States, 1988–97

Marketing year beginning June 1	Income support payment rates per bushel [1]	Program price levels per bushel		Put under loan [4]		Acquired by CCC under loan program [5]	Owned by CCC at end of marketing year [6]
		Loan [2]	Target [3]	Quantity	Percentage of production		
	Dollars	*Dollars*	*Dollars*	*Million bushels*	*Percent*	*Million bushels*	*Million bushels*
1988/89	0.69	2.21	4.23	106	5.8	45	191
1989/90	0.32	2.05	4.10	114	5.6	62	117
1990/91	1.28	1.95	4.00	405	14.8	90	163
1991/92	([7]) 1.35	2.04	4.00	143	7.2	1	152
1992/93	0.81	2.21	4.00	240	9.8	0	150
1993/94	1.03	2.45	4.00	258	10.7	0	150
1994/95	0.61	2.58	4.00	231	10.0	0	142
1995/96	0.00	2.58	4.00	114	5.2	0	118
1996/97	0.874	2.58	NA	194	8.5	0	93
1997/98	0.631	2.58	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior crop years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement and Reform Act of 1996 (1996 Act). PFC payment rates are rounded to the nearest tenth of a cent. [2] The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. [3] Beginning with the 1996/97 marketing year, target prices are no longer applicable. [4] Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. [5] Acquisition of all loans forfeited during the marketing year including loans made in previous year. [6] Includes 147 million bushels in Food Security Reserve, except 131 million bushels in 1988/89, 71 million bushels in 1989/90 and 141 bushels in 1994/95. [7] The deficiency payment rate for the special 1991 winter wheat option was $1.25 per bushel but is not shown above; the entry shown is for the 1991 standard wheat option. NA-not applicable.

FSA, Food Grains Analysis Group, (202) 720–7923.

Table 1-10.—Wheat: Marketing year average price and value, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per bushel			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	3.90	4.50	3.20	11,232	15,840	13,440
AZ	4.64	5.00	4.70	47,038	79,320	40,745
AR	3.61	4.38	3.50	169,670	293,285	137,760
CA	4.33	4.98	3.90	141,249	256,887	172,140
CO	4.64	4.26	3.30	488,528	320,855	307,950
DE	4.10	4.33	3.10	17,843	17,900	16,520
FL	3.15	4.40	3.40	1,210	1,672	1,989
GA	3.39	4.38	3.20	38,646	73,584	50,688
ID	4.45	3.96	3.40	460,048	473,088	378,621
IL	3.89	4.12	3.15	264,948	172,216	220,973
IN	3.96	4.06	3.20	156,816	111,082	122,496
IA	4.05	4.10	3.20	4,961	6,458	3,629
KS	4.59	4.63	3.20	1,312,740	1,181,576	1,619,200
KY	3.84	4.33	3.30	93,619	121,630	94,446
LA	3.70	4.20	3.50	10,656	23,478	14,893
MD	4.15	4.31	3.15	59,760	50,875	46,053
MI	4.10	3.91	3.30	152,520	93,605	110,484
MN	4.71	4.25	3.65	338,652	453,024	283,675
MS	4.40	4.36	3.50	27,588	49,137	26,338
MO	3.84	4.12	3.10	184,205	200,850	177,320
MT	4.63	4.24	3.80	904,112	751,048	682,522
NE	4.56	4.29	3.25	392,616	315,315	228,475
NV	4.43	4.30	3.50	3,760	6,773	5,489
NJ	3.80	4.80	3.20	6,931	8,390	6,528
NM	4.50	5.10	3.30	14,850	20,757	32,918
NY	4.20	4.15	3.35	28,875	26,768	25,326
NC	3.65	4.20	3.00	102,784	109,032	104,520
ND	5.05	4.19	4.00	1,495,226	1,638,379	1,031,896
OH	3.96	3.94	3.25	292,288	204,368	223,178
OK	4.41	4.73	3.25	481,572	440,363	579,150
OR	4.79	4.20	3.75	289,119	283,749	238,220
PA	4.25	4.57	3.40	43,244	41,678	30,940
SC	3.60	4.35	3.20	32,256	52,853	48,000
SD	4.68	4.07	3.50	420,038	566,879	346,608
TN	3.90	4.40	3.30	62,322	77,440	54,945
TX	4.19	4.98	3.25	316,764	375,492	386,425
UT	4.74	4.40	3.60	42,415	34,448	32,768
VA	3.70	4.15	3.40	65,120	60,486	57,800
WA	4.83	4.14	3.60	742,500	755,680	602,692
WV	4.00	4.21	3.25	2,496	2,084	1,580
WI	3.65	3.95	3.10	29,456	22,614	25,033
WY	4.60	4.00	3.30	36,540	24,003	27,311
US	4.55	4.30	3.45	9,787,213	9,814,961	8,611,684

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-11.—Wheat: Area, yield, and production in specified countries, 1994/95–1996/97 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North America:									
Canada	10,838	11,141	12,262	2.13	2.25	2.43	23,122	25,037	29,801
Mexico	965	870	809	4.3	3.98	4.17	4,151	3,460	3,375
United States	24,998	24,664	25,466	2.53	2.41	2.44	63,167	59,400	62,191
Total	36,801	36,675	38,537	2.46	2.40	2.47	90,440	87,897	95,367
South America:									
Argentina	5,100	4,500	7,000	2.22	1.91	2.30	11,300	8,600	16,100
Bolivia	110	125	130	0.77	0.96	1.00	85	120	130
Brazil	1,365	1,034	1,800	1.60	1.49	1.78	2,185	1,540	3,200
Chile	390	370	404	3.49	2.89	3.69	1,360	1,070	1,490
Colombia	48	31	22	2.13	2.06	2.05	102	64	45
Ecuador	30	32	30	0.60	0.56	0.53	18	18	16
Paraguay	175	175	200	2.14	1.20	2.63	375	210	525
Peru	107	97	115	1.21	1.24	1.22	130	120	140
Uruguay	200	183	250	2.25	2.30	2.52	450	420	630
Total	7,525	6,547	9,951	2.13	1.86	2.24	16,005	12,162	22,276
Europe:									
Austria	241	256	247	5.21	5.08	5.02	1,255	1,301	1,239
Belgium-Luxembourg	212	220	220	6.93	6.91	7.95	1,470	1,520	1,750
Denmark	574	620	650	6.49	7.23	7.43	3,725	4,481	4,830
Finland	89	101	112	3.79	3.75	4.10	337	379	459
France	4,580	4,750	5,024	6.67	6.50	7.15	30,549	30,862	35,940
Germany	2,435	2,579	2,594	6.77	6.89	7.29	16,481	17,763	18,922
Greece	780	770	730	2.44	2.27	2.27	1,900	1,750	1,660
Ireland	74	71	85	7.08	8.21	8.66	524	583	736
Italy	2,372	2,482	2,443	3.29	3.08	3.19	7,795	7,653	7,793
Netherlands	122	134	142	8.04	8.71	8.94	981	1,167	1,269
Portugal	241	259	228	2.07	1.39	1.82	499	360	414
Spain	1,995	1,800	2,023	2.16	1.39	2.92	4,311	2,500	5,900
Sweden	260	260	328	5.38	5.89	6.19	1,400	1,532	2,030
United Kingdom	1,811	1,859	1,976	7.35	7.70	8.15	13,314	14,310	16,100
Total EU	15,786	16,161	16,802	5.36	5.33	5.89	84,541	86,161	99,042
Norway	69	66	59	3.33	4.97	4.34	230	328	256
Switzerland	102	101	102	5.64	6.12	6.59	575	618	672
Total W. Europe	171	167	161	4.71	5.66	5.76	805	946	928
Albania	175	140	118	2.63	2.86	2.68	460	400	316
Bulgaria	1,320	1,041	850	2.84	3.03	2.12	3,754	3,150	1,800
Czech Republic	851	830	800	4.58	4.61	4.63	3,897	3,823	3,700
Hungary	1,059	1,080	1,193	4.59	4.26	3.27	4,860	4,600	3,900
Poland	2,407	2,407	2,458	3.18	3.60	3.46	7,659	8,659	8,509
Romania	2,418	2,420	1,800	2.56	3.18	1.76	6,187	7,700	3,165
Slovakia	442	442	420	4.85	4.38	4.07	2,145	1,938	1,710
Yugoslavia	1,400	1,350	1,050	3.57	3.48	3.05	5,000	4,700	3,200
Total E. Europe	10,072	9,710	8,689	3.37	3.60	3.03	33,962	34,970	26,300
Fmr. Soviet Union:.									
Azerbaijan	330	325	350	1.97	2.00	2.14	650	650	750
Armenia	95	115	112	1.58	1.48	2.14	150	170	240
Byelarus	118	178	292	2.12	2.47	2.05	250	440	600
Estonia	35	38	47	1.63	2.03	2.13	57	77	100
Georgia	100	100	120	2.00	2.10	1.67	200	210	200
Kyrgyzstan	330	340	450	1.84	1.99	2.44	608	677	1,100
Kazakhstan	12,619	12,547	12,200	0.72	0.52	0.63	9,052	6,490	7,700
Latvia	95	110	125	2.11	2.23	2.64	200	245	330
Lithuania	270	260	350	2.03	2.46	2.67	549	640	935
Moldova	350	350	335	2.29	3.14	2.01	800	1,100	674
Russian Fed.	22,184	23,909	25,721	1.45	1.26	1.36	32,100	30,100	34,900
Tajikistan	185	185	210	0.89	0.86	0.86	165	160	180
Turkmenistan	431	530	400	1.65	1.32	1.00	710	700	400
Ukraine	4,507	5,479	6,250	3.07	2.97	2.16	13,857	16,273	13,500
Uzbekistan	950	1,300	1,350	1.42	1.81	2.00	1,350	2,350	2,700
Total	42,599	45,766	48,312	1.42	1.32	1.33	60,698	60,282	64,309

See footnotes at end of table.

Table 1-11.—Wheat: Area, yield, and production in specified countries, 1994/95–1996/97 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
Africa:									
Algeria	900	1,400	1,500	0.83	0.89	1.47	750	1,250	2,200
Angola	5	5	5	0.80	0.80	0.80	4	4	4
Chad	4	4	4	1.50	1.50	1.50	6	6	6
Egypt	730	1,055	1,016	5.62	5.40	5.64	4,100	5,700	5,735
Ethiopia	900	1,100	1,450	1.44	1.50	1.38	1,300	1,650	2,000
Kenya	105	105	100	1.90	1.90	2.00	200	200	200
Lesotho	13	4	10	1.54	0.50	0.80	20	2	8
Libya	300	300	280	0.53	0.50	0.46	160	150	130
Morocco	3,050	1,700	3,220	1.81	0.65	1.83	5,523	1,100	5,900
Mozambique	3	3	3	1.00	1.00	1.00	3	3	3
Nigeria	25	30	30	1.20	1.67	1.17	30	50	35
South Africa, Rep. of	1,035	1,363	1,294	1.77	1.43	2.09	1,832	1,950	2,700
Sudan	357	280	315	1.33	1.61	1.75	475	450	550
Tanzania, United Rep. of	42	37	45	1.31	1.16	1.44	55	43	65
Tunisia	470	750	1,100	1.06	0.71	1.82	500	530	2,000
Zaire	10	10	10	0.70	0.70	1.50	7	7	15
Zambia	18	18	20	2.39	2.78	2.75	43	50	55
Zimbabwe	43	18	50	5.58	3.72	5.50	240	67	275
Total	8,010	8,182	10,452	1.90	1.61	2.09	15,248	13,212	21,881
Asia:									
Afghanistan	1,600	1,600	1,600	1.06	1.38	1.06	1,700	2,200	1,700
Bangladesh	639	701	702	1.95	1.95	1.85	1,245	1,370	1,300
Bhutan	13	13	13	1.54	1.54	1.54	20	20	20
Burma	140	140	140	1.07	1.07	1.07	150	150	150
China, Peoples Repu	28,981	28,860	29,610	3.43	3.54	3.73	99,300	102,215	110,570
Cyprus	10	10	10	1.00	1.00	1.00	10	10	10
India	25,100	25,600	25,100	2.38	2.56	2.49	59,840	65,470	62,620
Iran	7,600	7,600	7,600	1.51	1.49	1.45	11,500	11,300	11,000
Iraq	1,750	1,750	1,700	0.86	0.86	0.82	1,500	1,500	1,400
Israel	50	100	80	1.40	2.42	1.85	70	242	148
Japan	152	151	159	3.72	2.94	3.01	565	444	478
Jordan	69	81	48	0.83	1.02	1.06	57	83	51
Korea, Democratic Pe	90	75	70	1.39	1.00	1.07	125	75	75
Korea, Republic of	2	2	3	1.00	5.00	3.67	2	10	11
Lebanon	10	10	10	2.10	2.00	2.10	21	20	21
Mongolia	450	355	300	0.73	0.73	0.73	330	260	220
Nepal	600	550	600	1.42	1.45	1.33	850	800	800
Pakistan	8,034	8,170	8,376	1.89	2.08	2.02	15,212	17,002	16,907
Saudi Arabia	599	465	265	4.47	4.30	4.53	2,679	2,000	1,200
Syria	1,550	1,560	1,688	2.39	2.68	2.52	3,700	4,184	4,255
Taiwan	1	1	0	4.00	3.00	0	4	3	0
Turkey	8,600	8,550	8,450	1.71	1.81	1.89	14,700	15,500	16,000
Yemen	100	106	100	1.71	1.61	1.70	171	171	170
Total	86,140	86,450	86,624	2.48	2.60	2.64	213,751	225,029	229,106
Oceania:									
Australia	8,003	9,721	11,327	1.11	1.70	2.08	8,903	16,504	23,586
New Zealand	40	40	40	4.75	5.25	5.00	190	210	200
Total	8,043	9,761	11,367	1.13	1.71	2.09	9,093	16,714	23,786
World Total	215,162	219,426	230,900	2.44	2.45	2.52	524,568	537,386	583,007

[1] Years shown refer to years of harvest. 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 1994 is combined with estimates for the Southern Hemisphere Harvests, which begin late in 1994 and end early in 1995. [2] Harvested area as far as possible. [3] Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. 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 1-12.—Wheat and flour: United States imports, 1987–96

Year beginning June	Wheat grain [1]	Flour (wheat equivalent)	Other products (wheat equivalent) [2]	Total wheat, flour, and other products
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1987	9,989	755	5,342	16,086
1988	15,851	560	6,251	22,662
1989	12,583	502	9,382	22,467
1990	25,540	901	9,932	36,373
1991	30,924	923	8,751	40,598
1992	56,859	3,122	9,435	69,416
1993	91,287	6,486	11,086	108,860
1994	70,561	8,073	13,313	91,947
1995	47,753	6,687	13,493	67,933
1996	71,727	6,385	14,220	92,333

[1] Starting January 1989, Census ceased reporting wheat suitable for milling and unfit for human consumption. [2] Includes macaroni, semolina, and similar products. Beginning in 1988/89 total wheat grain is reported under the suitable for milling column.

ERS, Market and Trade Economics Division, (202) 694–5311.

Table 1-13.—Wheat and flour: United States exports under specified Government programs, 1986-95

Year [1]	Local currency [2]	Public Law 480			Title III [6]	Food for Progress [7]	Foreign Donations Sec. 416(b) [8]	Mutual Security (AID) [9]	Total specified Government programs
		Title I sales	Title II donations						
		Long-term dollar and convertible foreign currency credit sales [3]	Government-to-government and World Food Program [4]	Voluntary relief agencies [5]					
	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*
1986	3,953	150,840	9,597	5,831	...	...	15,413	28	185,662
1987	3,182	111,997	14,804	16,119	...	...	44,173	10,713	200,988
1988	4,103	95,913	18,384	13,518	...	...	5,044	30,378	167,340
1989	2,620	93,301	14,030	14,767	...	...	...	1,026	125,744
1990	2,293	82,244	41,433	8,124	...	...	3,393	...	137,487
1991	...	38,613	15,430	9,084	25,848	5,810	...	...	94,785
1992	...	35,869	15,590	7,681	25,252	39,325	32,720	...	156,437
1993	...	41,108	29,421	8,427	35,802	27,537	...	48	142,343
1994 [10]	...	20,604	10,507	11,761	20,681	17,888	...	NA	81,441
1995 [10]	...	...	9,541	5,866	8,600	7,922	...	NA	31,929

[1] Year beginning Oct. 1. [2] Authorized by the Food Security Act of 1985. [3] Shipments under agreements, authorized by Title I, P.L. 480 amended by P.L. 89–808. [4] Authorized by Title II, P.L. 480. [5] Authorized by Title II, P.L. 480, as amended by P.L. 89–808, effective Jan. 1, 1967. [6] Shipment under this title represents grants to least-developed countries. Prior to fiscal year 1991, shipments under Titles I and III were reported together. [7] This program is used to support countries that have made commitments to introduce or expand free enterprise elements in their agricultural economy. [8] Section 416(b) of the Agricultural Act of 1949, as amended. [9] Foreign Assistance Act of 1961, as amended. [10] Preliminary. NA-not available.

ERS, Market and Trade Economics Division, (202) 694–5206.

Table 1-14.—Wheat and flour:[1] International trade, 1994/95–1996/97[2]

Country	1994/95	1995/96	1996/97[3]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Principal exporters:			
Argentina	7,844	4,416	9,700
Australia	7,784	12,086	17,845
Canada	21,509	16,850	18,135
India	77	1,506	735
Kazakstan	3,500	4,356	2,250
Saudi Arabia	1,651	181	0
Turkey	1,830	963	1,000
European Union	17,110	13,250	16,500
Eastern Europe	2,606	4,900	654
Others	1,712	3,334	2,850
Subtotal	65,623	61,842	69,669
United States	32,533	33,695	27,039
Total	98,156	95,537	96,708
Principal importers:			
Algeria	5,653	3,401	3,107
Bangladesh	1,732	1,210	1,100
Bolivia	435	320	400
Brazil	6,545	5,470	5,178
Chile	632	783	408
China	10,241	12,522	2,800
Columbia	829	994	907
Cuba	1,059	726	847
Ecuador	420	381	441
Egypt	5,856	5,919	7,000
Ethiopia	556	521	250
Georgia	680	456	600
India	29	50	1,500
Indonesia	3,818	3,612	4,195
Iran	3,192	2,744	6,849
Iraq	688	509	1,200
Israel	981	838	871
Japan	6,310	6,101	6,264
Jordan	740	859	572
Korea, North	124	235	200
Korea, South	4,293	2,554	3,465
Lebanon	381	479	450
Libya	1,191	941	1,125
Malaysia	1,157	1,065	1,139
Mexico	1,374	1,581	1,936
Morocco	1,221	2,431	1,464
Nigeria	560	673	947
Pakistan	2,123	1,903	3,012
Peru	1,205	943	1,237
Philippines	2,051	1,964	2,156
Russia	1,879	4,991	1,980
South Africa	759	702	951
Sri Lanka	942	937	890
Taiwan	895	1,092	1,016
Thailand	686	785	664
Tunisia	1,511	938	869
Turkey	444	2,080	2,326
UAE	285	378	576
Ukraine	274	200	200
Uzbekistan	2,000	1,500	1,200
Venezuela	1,144	1,022	1,176
Vietnam	437	325	425
Yemen	2,085	2,026	2,400
European Union	2,085	2,545	2,400
Other Western Europe	540	380	475
Eastern Europe	1,928	1,563	3,679
United States	2,390	1,748	2,577
Subtotal	86,360	85,397	85,424
Other Countries	10,643	8,695	9,826
Unaccounted	1,153	1,445	1,458
Total	98,156	95,537	96,708

[1] Flour reported in terms of grain equivalent. [2] Year beginning July 1. [3] Preliminary.

FAS, Grain and Feed Division, (202) 720–6219. Prepared or estimated on the basis of official statistics from 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 1-15.—Wheat and flour:[1] United States exports by country of destination, 1995/96 and 1996/97

Country of destination	Year[2] 1995/96	Year[2] 1996/97
	1,000 metric tons	*1,000 metric tons*
Wheat:		
Mexico	1,122	1,404
Central America	815	763
Caribbean	589	632
Brazil	475	759
Chile	296	0
Colombia	626	324
Ecuador	343	235
Peru	628	419
Venezuela	543	571
Other Americas	163	159
Total Americas	5,600	5,266
Europe:		
Belgium and Luxembourg	91	109
Germany	1	0
Italy	229	477
Netherlands	30	56
Norway	58	62
Spain	74	63
Switzerland	5	27
United Kingdom	41	59
Other Europe	360	413
Former Soviet Union	880	377
Total Europe and Soviet Union	1,769	1,643
India	6	8
Israel	658	637
Japan	3,087	3,040
Korea, Rep. of	1,423	1,570
Pakistan	1,661	2,176
Philippines	1,799	1,747
China	2,714	839
Taiwan	847	894
Other Asia	1,766	174
Algeria	326	328
Morocco	583	469
South Africa	275	350
Tunisia	216	175
Other Africa	6,238	3,925
Other countries	3,623	2,617
World total	32,591	25,858
Wheat flour:		
Central America	1	1
Other Caribbean	161	171
Bolivia	40	43
Colombia	6	2
Other Americas	114	178
Total Americas	322	395
Greece	0	0
Netherlands	6	0
Other Europe	232	134
Total Europe	238	134
Sri Lanka	0	0
Japan	2	2
Jordan	0	0
Philippines	2	1
Other Asia	10	27
Total Asia	14	30
Egypt	41	8
Morocco	0	0
Other Africa	99	93
Total Africa	140	101
Oceania	4	4
World total	863	664

[1] Flour reported in terms of grain equivalent. [2] Year beginning Jul 1.

FAS, Grain and Feed Division, (202) 720–6219. Compiled from reports of the U.S. Department of Commerce.

Table 1-16.—Rye: Area, yield, production, disposition, and value, United States, 1988–97

Year	Area: Planted[1]	Area: Harvested	Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	2,374	595	24.7	14,689	2.52	37,006
1989	2,014	484	28.2	13,647	2.06	28,099
1990	1,625	375	27.1	10,176	2.09	21,298
1991	1,671	395	24.6	9,734	2.20	21,364
1992	1,542	391	29.3	11,440	2.38	27,303
1993	1,493	381	27.1	10,340	2.55	27,149
1994	1,613	407	27.9	11,341	2.70	30,520
1995	1,602	385	26.1	10,064	2.90	28,948
1996	1,467	347	26.0	9,016	3.70	33,407
1997[2]	1,433	341	26.1	8,912	3.60	31,946

[1] Area planted in preceding fall. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-17.—Rye: Supply and disappearance, United States, 1987–96

Year beginning June	Supply				Disappearance							Ending stocks May 31
	Beginning stocks	Production	Imports	Total	Domestic use					Exports	Total disappearance	
					Food	Seed	Industry	Feed[1]	Total			
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1987	18,583	19,526	1,204	39,313	3,500	3,800	2,000	10,601	19,901	500	20,401	18,912
1988	18,912	14,689	200	33,801	3,500	3,200	2,000	11,401	20,101	3,400	23,501	10,300
1989	10,300	13,647	30	23,977	3,500	3,000	2,000	9,035	17,535	800	18,335	5,631
1990	5,631	10,176	3,895	19,702	3,500	3,000	2,000	7,670	16,170	213	16,383	3,319
1991	3,319	9,734	4,542	17,595	3,500	3,000	2,000	7,528	16,028	53	16,081	1,514
1992	1,514	11,440	3,099	16,053	3,400	3,000	2,000	6,084	14,484	14	14,498	1,555
1993	1,555	10,340	4,607	16,502	3,500	3,000	2,000	7,015	15,515	16	15,531	971
1994	971	11,341	4,386	16,698	3,300	3,000	2,000	6,912	15,212	35	15,247	1,451
1995	1,451	10,064	3,760	15,275	3,300	3,000	2,000	6,001	14,301	41	14,342	933
1996[2] ..	933	9,016	4,327	14,276	3,433	3,000	2,000	5,057	13,490	32	13,522	754

[1] Residual, approximates total feed use. [2] Preliminary. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-18.—Rye: Support operations, United States, 1988–97

Marketing year beginning June 1	Loan rate per bushel[1]	Put under loan[2]		Acquired by CCC under support program[3]	Owned by CCC at end of marketing year
		Quantity	Percentage of production		
	Dollars	*Million bushels*	*Percent*	*Million bushels*	*Million bushels*
1988/89	1.50	0.3	2.0	0.8	8.2
1989/90	1.40	0.6	4.4	0.0	2.6
1990/91	1.33	0.2	2.0	0.0	1.0
1991/92	1.38	0.1	1.0	0.0	0.0
1992/93	1.46	0.2	1.7	0.0	0.0
1993/94	1.46	0.1	1.0	0.0	0.0
1994/95	1.61	0.1	0.9	0.0	0.0
1995/96	1.61	0.1	1.0	0.0	0.0
1996/97	([4])	.....	.....	.....	.....
1997/98	([4])	.....	.....	.....	.....

[1] The national average loan rate was also known as the price support rate prior to enactment of the Federal Agriculture Improvement and Reform Act of 1996. [2] Includes loans made, purchases, and purchase agreements entered into. [3] Acquisition of all loans forfeited during the marketing year including loans made in previous years. [4] The Federal Agriculture Improvement and Reform Act of 1996 did not provide authority for rye loans after the 1995/96 marketing year.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720–4417.

Table 1-19.—Rye: Area, yield, and production, by States, 1995–97

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
	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*
CO	15	28	28	2	3	3	30.0	25.0	23.0	60	75	69
GA	300	300	300	55	70	65	21.0	26.0	22.0	1,155	1,820	1,430
IL	55	50	55	8	6	8	30.0	31.0	30.0	240	186	240
IN	20	20	15	4	2	2	29.0	22.0	32.0	116	44	64
KS	100	60	50	20	5	10	20.0	30.0	30.0	400	150	300
MD	30	25	25	5	2	3	34.0	25.0	21.0	170	50	63
MI	90	80	80	16	13	16	34.0	27.0	26.0	544	351	416
MN	30	25	25	21	20	21	29.0	24.0	26.0	609	480	546
NE	60	50	45	20	22	17	24.0	19.0	20.0	480	418	340
NJ	40	25	20	8	3	5	38.0	27.0	35.0	304	81	175
NY	42	49	40	9	8	8	35.0	28.0	32.0	315	224	256
NC	100	90	80	25	20	15	20.0	25.0	28.0	500	500	420
ND	25	20	25	22	16	23	33.0	33.0	29.0	726	528	667
OH	45	35	30	5	3	3	36.0	31.0	43.0	180	93	129
OK	180	200	200	45	60	55	18.0	15.0	23.0	810	900	1,265
PA	50	60	50	10	6	10	33.0	36.0	40.0	330	216	400
SC	50	40	35	20	20	15	22.0	26.0	29.0	440	520	435
SD	55	40	40	50	36	35	33.0	41.0	21.0	1,650	1,476	735
TX	150	120	130	20	10	10	19.0	19.0	33.0	380	190	330
VA	90	80	80	5	10	5	35.0	33.0	40.0	175	330	200
WI	75	70	80	15	12	12	32.0	32.0	36.0	480	384	432
US	1,602	1,467	1,433	385	347	341	26.1	26.0	26.1	10,064	9,016	8,912

[1] Relates to the total area of rye sown for all purposes; area planted in preceding fall.

NASS, Crops Branch, (202) 720–2127.

Table 1-20.—Rye: Marketing year average price and value, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per bushel			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
CO	2.55	3.41	3.40	153	256	235
GA	3.40	4.40	4.20	3,927	8,190	6,006
IL	2.90	3.85	2.90	696	716	696
IN	2.90	3.90	2.90	336	172	186
KS	3.11	3.90	3.50	1,244	578	1,050
MD	2.10	1.95	2.45	357	100	154
MI	2.40	3.20	2.90	1,306	1,123	1,206
MN	2.75	3.10	3.10	1,675	1,488	1,693
NE	2.50	2.50	3.60	1,200	1,045	1,224
NJ	3.25	3.70	3.65	988	263	639
NY	2.25	3.00	3.00	709	672	768
NC	2.50	2.80	2.50	1,250	1,400	1,050
ND	2.41	3.13	3.15	1,750	1,610	2,101
OH	4.00	3.80	3.20	720	353	413
OK	3.90	4.50	4.50	3,159	4,320	5,693
PA	3.00	4.25	3.75	990	864	1,500
SC	2.60	3.95	3.00	1,144	2,054	1,305
SD	2.53	3.37	3.65	4,175	4,945	2,683
TX	3.10	4.40	3.90	1,178	836	1,287
VA	3.15	2.90	2.40	551	1,040	480
WI	3.00	3.95	3.65	1,440	1,382	1,577
US	2.90	3.70	3.60	28,948	33,407	31,946

[1] Preliminary.

NASS, Crops Branch, (202) 720-2127.

Table 1-21.—Rye: Area, yield, and production in specified countries, 1994/95–1996/97 [1]

Continent and country	Area [2]			Yield per hectares			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North America:									
Canada	186	162	162	2.13	1.91	1.91	397	310	309
United States	165	156	140	1.75	1.64	1.64	288	256	229
Total	351	318	302	1.95	1.78	1.78	685	566	538
South America:									
Argentina	75	75	39	1.07	1.07	0.90	80	80	35
Brazil	5	5	5	1.20	1.20	1.00	6	6	5
Chile	5	5	5	2.00	2.00	2.00	10	10	10
Total	85	85	49	1.13	1.13	1.02	96	96	50
Europe:									
Austria	77	77	51	4.14	4.08	2.96	319	314	151
Belgium-Luxembourg	3	3	3	4.00	3.33	4.00	12	10	12
Denmark	90	100	78	4.22	5.00	4.74	380	500	370
Finland	9	21	35	2.44	2.76	2.49	22	58	87
France	46	47	49	3.96	4.21	4.59	182	198	225
Germany	723	861	809	4.77	5.25	5.21	3,451	4,521	4,214
Greece	18	18	18	2.22	2.22	2.22	40	40	40
Italy	8	8	8	2.50	2.50	2.50	20	20	20
Netherlands	7	7	7	5.00	5.00	5.00	35	35	35
Portugal	60	62	60	1.00	0.58	0.85	60	36	51
Spain	153	160	170	1.42	1.09	1.74	217	174	295
Sweden	40	45	33	4.50	4.51	5.52	180	203	182
United Kingdom	5	5	5	5.00	5.00	5.00	25	25	25
Total EU	1,239	1,414	1,326	3.99	4.34	4.30	4,943	6,134	5,707
Norway	2	4	4	7.50	4.00	3.00	15	16	12
Switzerland	6	7	7	5.00	6.00	6.57	30	42	46
Total W. Europe	8	11	11	5.63	5.27	5.27	45	58	58
Albania	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria	11	14	15	1.45	1.43	1.07	16	20	16
Czech Republic	80	79	65	3.51	3.32	3.31	281	262	215
Hungary	90	80	70	2.22	2.13	1.43	200	170	100
Poland	2,436	2,452	2,399	2.18	2.56	2.34	5,300	6,288	5,610
Romania	25	20	25	1.88	2.25	2.00	47	45	50
Slovakia	31	90	30	3.13	0.99	3.00	97	89	90
Yugoslavia	30	30	31	1.67	1.67	1.94	50	50	60
Total E. Europe	2,713	2,775	2,645	2.21	2.50	2.33	6,001	6,934	6,151
Fmr. Soviet Union:.									
Byelarus	1,011	1,000	1,050	1.90	2.00	1.81	1,922	2,000	1,900
Estonia	21	32	31	1.95	1.81	1.77	41	58	55
Georgia	1	1	1	2.00	2.00	2.00	2	2	2
Kazakhstan	500	180	140	1.00	0.78	0.64	500	140	90
Latvia	60	40	50	2.00	1.75	2.16	120	70	108
Lithuania	203	135	150	1.54	1.78	1.93	313	240	290
Moldova	1	1	1	2.00	2.00	2.00	2	2	2
Russian Fed.	3,888	3,233	4,129	1.54	1.27	1.43	6,000	4,100	5,900
Tajikistan	2	2	2	1.00	1.00	1.00	2	2	2
Ukraine	476	605	620	1.98	2.00	1.77	941	1,208	1,100
Uzbekistan	5	5	5	1.40	1.40	1.40	7	7	7
Total	6,168	5,234	6,179	1.60	1.50	1.53	9,850	7,829	9,456
Asia:									
Turkey	170	180	180	1.47	1.42	1.39	250	255	250
Oceania:									
Australia	35	35	35	0.57	0.57	0.57	20	20	20
World Total	10,789	10,072	10,747	2.03	2.17	2.07	21,893	21,895	22,233

[1] Years shown refer to years of harvest. 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 1994 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1994 and end early in 1995. [2] Harvested area as far as possible. [3] Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. Prepared or estimated on the basis of official statistics of foreign Governments, other foreign source materials, reports of Agricultural Counselors, Attaches, and Foreign Service Officers, results of office research, and related information.

Table 1-22.—Rice, rough: Area, yield, production, and value, United States, 1988–97

Year	Area planted	Area harvested	Yield per acre	Production	Marketing year average price per cwt. received by farmers	Value of production
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1988	2,933.0	2,900.0	5,514	159,897	6.83	1,091,817
1989	2,731.0	2,687.0	5,749	154,487	7.35	1,134,039
1990	2,897.0	2,823.0	5,529	156,088	6.70	1,047,242
1991	2,884.0	2,781.0	5,731	159,367	7.58	1,213,330
1992	3,176.0	3,132.0	5,736	179,658	5.89	1,057,272
1993	2,920.0	2,833.0	5,510	156,110	7.98	1,246,875
1994	3,353.0	3,316.0	5,964	197,779	6.78	1,336,570
1995	3,121.0	3,093.0	5,621	173,871	9.15	1,587,236
1996	2,819.0	2,799.0	6,121	171,321	9.96	1,687,407
1997	3,056.0	3,034.0	5,896	178,896	9.75	1,728,687

NASS, Crops Branch, (202) 720–2127.

Table 1-23.—Rice, rough: Stocks on and off farms, United States, 1989–98

Year beginning previous December	On farms			Off farms [1]		
	Dec. 1	Mar. 1	Aug. 1	Dec. 1	Mar. 1	Aug. 1
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
1989-90	39,581	27,266	1,176	92,107	62,784	17,411
1990-91	40,040	15,965	599	76,333	61,989	18,554
1991-92	37,662	19,345	852	75,505	53,082	17,843
1992-93	37,249	20,658	1,109	76,541	55,125	19,422
1993-94	39,966	22,397	1,708	91,517	69,284	28,876
1994-95	24,164	11,703	517	85,081	67,900	20,390
1995-96	41,223	23,239	862	100,088	72,686	21,902
1996-97	32,936	20,520	486	88,395	65,326	19,485
1997-98	32,719	16,003	428	86,350	64,141	21,365
1998-99 [2]	33,970	NA	NA	89,860	NA	NA

[1] Stocks at mills and in attached warehouses, in warehouses not attached to mills, and in ports or in transit. [2] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-24.—Rice, by length of grain: Area, yield, and production, United States, 1988–97

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.*
1988	2,233.0	616.0	51.0	5,345	5,989	7,141	119,364	36,891	3,642
1989	1,998.0	638.0	51.0	5,464	6,495	7,618	109,161	41,441	3,885
1990	2,065.0	745.0	13.0	5,221	6,353	7,338	107,806	47,328	954
1991	2,023.0	748.0	10.0	5,395	6,615	7,530	109,137	49,477	753
1992	2,372.0	747.0	13.0	5,397	6,778	7,769	128,015	50,633	1,010
1993	2,028.0	789.0	16.0	5,082	6,575	7,331	103,064	51,873	1,173
1994	2,379.0	925.0	12.0	5,609	6,853	7,867	133,445	63,390	944
1995	2,312.0	769.0	12.0	5,265	6,663	7,500	121,730	51,241	900
1996	1,962.0	822.0	15.0	5,777	6,922	7,127	113,351	56,901	1,069
1997	2,261.0	755.0	18.0	5,380	7,395	7,867	121,647	55,833	1,416

NASS, Crops Branch, (202) 720–2127.

Table 1-25.—Rice, rough, by length of grain: Stocks in all positions, United States, 1989–98

Year beginning previous December	Long grain				Medium grain				Short grain			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1 [1]	Dec. 1	Mar. 1	Aug. 1	Oct. 1 [1]	Dec. 1	Mar. 1	Aug. 1	Oct. 1 [1]
1989	94,594	64,091	11,405	826	33,229	23,290	6,091	1,387	3,865	2,669	1,091	501
1990	78,791	50,498	8,711	1,187	33,051	24,059	8,658	1,698	4,531	3,397	1,784	1,272
1991	72,196	44,479	8,038	947	38,716	26,139	9,456	5,332	2,255	1,809	1,201	974
1992	70,182	43,753	9,003	580	41,915	30,950	10,916	4,790	1,693	1,080	612	353
1993	88,695	59,548	17,752	533	41,359	31,228	12,363	5,518	1,429	905	469	154
1994	61,356	44,741	12,543	114	46,524	33,732	7,708	1,906	1,365	1,130	656	449
1995	87,281	57,779	10,188	219	52,676	36,963	11,872	4,186	1,354	1,183	704	522
1996	76,256	52,630	7,418	(3)	43,941	32,264	12,022	4,506	1,134	952	531	(3)
1997	68,687	47,871	10,839	(3)	49,015	31,665	10,723	4,334	1,367	608	231	(3)
1998 [2] ..	77,693	NA	NA	NA	44,600	NA	NA	NA	1,537	NA	NA	NA

[1] California only. [2] Preliminary. [3] Not published to avoid disclosing individual reports. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-26.—Rough and milled rice (rough equivalent): Supply and disappearance, United States, 1987–96 [1]

Year beginning August	Supply				Disappearance							Ending stocks July 31
					Domestic use							
	Beginning stocks	Production	Imports	Total	Food	Brewers use	Seed	Residual	Total	Exports [2]	Total disappearance	
	Million cwt.	*Million cwt.*	*Million cwt.*	*Million cwt.*	*Million cwt.*	*Million cwt.*	*Million cwt.*	*Million cwt.*	*Million cwt.*	*Million cwt.*	*Million cwt.*	*Million cwt.*
1987	51.4	129.6	3.0	184.0	54.9	15.4	3.6	6.5	80.4	72.2	152.6	31.4
1988	31.4	159.9	3.8	195.1	57.4	15.6	3.4	6.0	82.4	85.9	168.3	26.7
1989	26.7	154.5	4.4	185.6	60.1	15.4	3.3	3.0	81.8	77.1	158.9	26.3
1990	26.3	156.1	4.8	187.2	63.8	15.3	3.6	9.0	91.7	70.9	162.6	24.6
1991	24.6	159.4	5.3	189.3	67.1	15.4	3.9	9.0	95.4	66.4	161.8	27.4
1992	27.4	179.7	6.1	213.2	69.0	15.1	3.8	8.8	96.7	77.0	173.7	39.4
1993	39.4	156.1	6.9	202.5	71.2	14.3	4.3	11.6	101.4	75.3	176.7	25.8
1994	25.8	197.8	7.3	230.9	74.0	14.5	4.1	8.2	100.7	98.9	199.6	31.3
1995	31.3	173.9	7.4	212.6	77.0	15.6	3.7	8.3	104.6	83.0	187.6	25.0
1996 [4]	25.0	171.3	10.0	206.3	80.0	15.4	4.0	3.4	102.8	76.4	179.2	27.1

[1] Consolidated supply and disappearance of rough and milled rice. Milled-rice data converted to a rough-rice basis using annually derived extraction rates as factors. [2] Based on Bureau of the Census reports. [3] Results from losses in drying, storage, handling, and milling. [4] Preliminary. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-27.—Rice, by length of grain: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Long grain								
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
AR	1,140.0	910.0	1,150.0	5,370	6,050	5,580	61,218	55,055	64,170
CA	8.0	5.0	9.0	7,500	7,200	7,700	600	360	693
LA	456.0	463.0	503.0	4,610	4,900	4,640	21,022	22,687	23,339
MS	288.0	208.0	238.0	5,400	6,000	5,800	15,552	12,480	13,804
MO	112.0	88.0	107.0	5,300	5,550	5,300	5,936	4,884	5,671
TX	308.0	288.0	254.0	5,650	6,210	5,500	17,402	17,885	13,970
US	2,312.0	1,962.0	2,261.0	5,265	5,777	5,380	121,730	113,351	121,647
	Medium grain								
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
AR	198.0	258.0	218.0	5,900	6,500	6,000	11,682	16,770	13,080
CA	447.0	482.0	485.0	7,600	7,500	8,320	33,972	36,150	40,352
LA	114.0	70.0	45.0	4,550	4,700	4,500	5,187	3,290	2,025
MO	.....	2.0	2.0	.....	5,550	5,300	.....	111	106
TX	10.0	10.0	5.0	4,000	5,800	5,400	400	580	270
US	769.0	822.0	755.0	6,663	6,922	7,395	51,241	56,901	55,833
	Short grain								
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
AR	2.0	2.0	2.0	6,000	6,000	6,000	120	120	120
CA	10.0	13.0	16.0	7,800	7,300	8,100	780	949	1,296
US	12.0	15.0	18.0	7,500	7,127	7,867	900	1,069	1,416

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-28.—Rice: Area, yield, and production, by States, 1995–97

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	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.*
AR	1,350.0	1,180.0	1,380.0	1,340.0	1,170.0	1,370.0	5,450	6,150	5,650	73,020	71,945	77,370
CA	467.0	502.0	512.0	465.0	500.0	510.0	7,600	7,490	8,300	35,352	37,459	42,341
LA	575.0	535.0	550.0	570.0	533.0	548.0	4,600	4,870	4,630	26,209	25,977	25,364
MS	290.0	210.0	240.0	288.0	208.0	238.0	5,400	6,000	5,800	15,552	12,480	13,804
MO	119.0	92.0	114.0	112.0	90.0	109.0	5,300	5,550	5,300	5,936	4,995	5,777
TX	320.0	300.0	260.0	318.0	298.0	259.0	5,600	6,200	5,500	17,802	18,465	14,240
US	3,121.0	2,819.0	3,056.0	3,093.0	2,799.0	3,034.0	5,621	6,121	5,896	173,871	171,321	178,896

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-29.—Rice: Marketing year average price and value, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per cwt.			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AR	9.14	10.20	9.90	667,403	733,839	765,963
CA	8.79	7.91	8.20	310,744	296,301	347,196
LA	9.09	10.60	10.10	238,240	275,356	256,176
MS	9.25	10.50	10.50	143,856	131,040	144,942
MO	9.06	10.30	10.00	53,780	51,449	57,770
TX	9.73	10.80	11.00	173,213	199,422	156,640
US	9.15	9.96	9.75	1,587,236	1,687,407	1,728,687

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-30.—Rice, milled, by length of grain: Stocks in all positions, United States, 1989–98

Year beginning previous Dec.	Whole kernels (head rice)											
	Long grain				Medium grain				Short grain			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1[1]	Dec. 1	Mar. 1	Aug. 1	Oct. 1[1]	Dec. 1	Mar. 1	Aug. 1	Oct. 1[1]
1989	3,779	5,268	2,875	86	914	865	1,139	672	50	36	131	62
1990	3,099	3,640	3,286	63	892	1,041	779	462	74	85	85	91
1991	2,959	2,414	2,513	32	859	1,660	671	423	94	90	50	41
1992	2,431	2,651	2,808	33	840	1,425	953	677	268	47	33	37
1993	3,044	2,463	2,700	44	1,736	1,121	2,064	1,024	39	30	44	47
1994	2,399	2,753	1,860	43	1,258	1,414	1,168	596	27	26	28	51
1995	1,884	2,394	3,127	51	1,723	2,243	2,333	749	48	53	44	37
1996	3,509	2,258	1,927	17	1,184	870	1,187	780	39	26	50	88
1997	3,358	2,622	2,312	10	1,448	1,079	788	584	56	85	34	66
1998[2] ..	3,443	NA	NA	NA	1,248	NA	NA	NA	46	NA	NA	NA

Year beginning previous Dec.	Broken kernels[3]											
	Second heads				Screenings				Brewers			
	Dec. 1	Mar. 1	Aug. 1	Oct. 1[1]	Dec. 1	Mar. 1	Aug. 1	Oct. 1[1]	Dec. 1	Mar. 1	Aug. 1	Oct. 1[1]
1989	1,141	849	995	110	128	48	222	.....	266	214	470	33
1990	876	803	652	198	243	94	117	.....	572	333	277	39
1991	918	550	827	197	747	298	68	.....	254	254	114	34
1992	577	665	511	146	83	108	176	.....	211	781	367	26
1993	915	892	949	73	129	269	173	.....	454	417	272	34
1994	632	434	364	164	107	47	82	.....	458	1,131	93	21
1995	690	734	579	279	89	31	79	.....	411	164	146	33
1996	626	406	329	159	14	6	14	.....	337	133	107	25
1997	553	623	467	97	49	20	13	.....	187	182	205	19
1998[2] ..	642	NA	NA	NA	27	NA	NA	.....	276	NA	NA	NA

[1] California only. [2] Preliminary. [3] Screenings included in second heads in California. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-31.—Rice, milled: United States exports under specified Government programs, 1986-95

Year[1]	Public Law 480			Title III[5]	Food for Progress[6]	Foreign Donations Section 416(b)[7]	Mutual Security (AID)[8]	Total specified Government programs
	Title I sales	Title II donations						
	Long-term dollar and convertible foreign currency credit sales[2]	Government-to-government and World Food Program[3]	Voluntary relief agencies[4]					
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
1986	6,342	2,251	808	.....	.....	1,314	.....	10,715
1987	3,458	3,332	287	.....	.....	645	3	7,725
1988	5,178	2,597	1,223	.....	.....	.....	.....	8,998
1989	4,163	2,377	1,193	.....	.....	.....	535	8,268
1990	2,591	3,483	2,026	.....	.....	91	.....	8,191
1991	2,256	2,745	1,357	560	356	.....	.....	7,274
1992	2,341	2,729	1,494	917	3,021	.....	4	10,506
1993	2,066	1,866	1,853	1,760	225	.....	28	7,798
1994[9]	2,079	369	620	1,042	303	.....	NA	4,413
1995[9]	.....	561	392	.....	402	.....	NA	1,355

[1] Year beginning Oct. 1. [2] Shipments under agreements authorized by Title I, P.L. 480, as amended by P.L. 89–808. [3] Authorized by Title II, P.L. 480. [4] Authorized by Title II, P.L. 480, as amended by P.L. 89–808, effective Jan. 1, 1967. [5] Shipment under this title represents grants to least-developed countries. Prior to fiscal year 1991, shipments under Titles I and III were reported together. [6] This program is used to support countries that have made commitments to introduce or expand free enterprise elements in their agricultural economy. [7] Section 416(b) of the Agricultural Act of 1949, as amended. [8] Foreign Assistance Act of 1961, as amended. [9] Preliminary.

ERS, Market and Trade Economic Division, (202) 694–5266.

Table 1-32.—Rice, rough: Support operations, United States, 1988–97

Marketing year beginning August 1	Income support payment rates per cwt [1]	Program price levels per cwt		Put under loan [4]		Acquired by CCC under loan program [5]	Owned by CCC at end of marketing year
		Loan [2]	Target [3]	Quantity	Percentage of production		
	Dollars	*Dollars*	*Dollars*	*Million cwt*	*Percent*	*Million cwt*	*Million cwt*
1988/89	4.31	6.63	11.15	147.6	92.6	0.0	6.7
1989/90	3.56	6.50	10.80	121.9	78.9	0.0	0.0
1990/91	4.16	6.50	10.71	143.7	92.1	0.1	0.0
1991/92	3.07	6.50	10.71	108.3	68.8	0.5	0.0
1992/93	4.21	6.50	10.71	126.1	70.2	0.8	0.2
1993/94	3.98	6.50	10.71	30.9	19.8	0.0	0.0
1994/95	3.79	6.50	10.71	131.2	66.3	0.0	0.0
1995/96	3.22	6.50	10.71	100.9	58.0	0.0	0.0
1996/97	2.766	6.50	NA	68.9	40.2	0.0	0.0
1997/98	2.710	6.50	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior corps years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement Act of 1996 (1996 Act). PFC payment rates are rounded to the nearest tenth of a cent. [2] The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. [3] Beginning with the 1996/97 marketing year, target prices are no longer applicable. [4] Includes loans make and purchase agreements entered. Excludes quantities on which loan deficiency payments were made. [5] Acquisition through loan forfeitures, crop–year basis. NA-not applicable.

FSA, Fibers Analysis Group, (202) 720-3452.

Table 1-33.—Rice: United States exports (milled basis), by country of destination, 1995–97 [1]

Country of destination	Year		
	1995	1996	1997
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Canada	137	163	165
Mexico	207	242	301
Bahamas	6	7	8
Dominican Republic	1	35	3
Haiti	88	191	163
Jamaica	45	74	66
Netherlands Antilles	7	11	14
Chile	9	9	.....
Total Western Hemisphere [2]	1,033	1,117	1,113
European Union:.			
Belgium-Luxembourg	45	44	48
France	3	8	9
Germany, Fed. Rep. of	44	31	56
Netherlands	136	105	96
Portugal	5	.....	.....
Sweden	27	3	5
Switzerland	65	84	86
United Kingdom	65	56	91
Total Europe [2]	480	454	437
Indonesia	2	91	.....
Iran	55	219	.....
Korea, Rep. of	.....	.....	8
Saudi Arabia	176	176	142
Total Asia, Middle East, and Oceania [2]	917	1,108	707
Guinea	32	35	7
Ivory Coast	51	79	36
Liberia	59	17	12
Nigeria	.....	.....	.....
Senegal	43	33	.....
South Africa	109	116	158
Total Africa [2]	348	343	304
World total [2]	2,794	3,073	2,624

[1] Year beginning Jan 1. [2] Includes countries not shown.

FAS, Grain and Feed Division, (202) 720–6219.

Table 1-34.—Rice, milled: Area, yield, and production in specified countries, 1994/95–1996/97 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North America:									
Costa Rica	44	39	58	2.89	3.28	2.72	127	128	158
Cuba	90	90	90	1.33	1.33	1.33	120	120	120
Dominican Rep.	88	82	95	3.24	3.29	3.26	285	270	310
El Salvador	15	11	11	2.73	3.00	3.18	41	33	35
Guatemala	15	13	14	1.47	1.77	1.71	22	23	24
Haiti	40	40	40	1.50	1.63	1.63	60	65	65
Honduras	12	15	16	2.33	2.67	2.25	28	40	36
Nicaragua	60	57	56	1.67	1.72	1.75	100	98	98
Panama	106	112	115	1.38	1.87	1.90	146	209	218
Trinidad and Tobago	10	10	10	2.00	2.00	2.00	20	20	20
Mexico	91	75	80	2.82	3.11	3.14	257	233	251
United States	1,342	1,252	1,133	4.95	4.50	4.94	6,648	5,631	5,595
Total	1,913	1,796	1,718	4.11	3.83	4.03	7,854	6,870	6,930
South America:									
Argentina	180	182	230	3.36	3.13	3.39	605	570	780
Bolivia	100	100	140	1.20	1.20	1.36	120	120	190
Brazil	4,242	3,880	3,570	1.74	1.76	1.86	7,402	6,834	6,628
Chile	30	34	35	2.87	2.59	2.57	86	88	90
Colombia	321	284	302	2.63	2.71	2.65	845	770	800
Ecuador	210	220	240	2.00	1.98	1.96	420	435	470
Guyana	106	135	132	1.96	2.21	2.24	208	299	296
Paraguay	90	90	90	1.11	1.28	1.28	100	115	115
Peru	239	198	190	4.05	3.90	3.82	967	773	725
Surinam	50	50	55	2.00	2.00	2.00	100	100	110
Uruguay	146	146	155	3.86	4.64	4.63	563	677	718
Venezuela	138	175	175	2.84	2.38	2.37	392	416	415
Total	5,852	5,494	5,314	2.02	2.04	2.13	11,808	11,197	11,337
Europe:									
France	24	24	24	2.96	2.96	2.96	71	71	71
Greece	10	10	10	4.00	5.00	5.00	40	50	50
Italy	236	239	238	3.47	3.28	3.60	820	785	856
Portugal	30	30	30	3.33	3.00	3.00	100	90	90
Spain	63	54	107	4.33	4.24	4.98	273	229	533
Total EU	363	357	409	3.59	3.43	3.91	1,304	1,225	1,600
Bulgaria	1	1	3	3.00	5.00	2.33	3	5	7
Hungary	10	5	5	1.50	2.00	2.00	15	10	10
Romania	5	6	5	2.00	2.50	2.00	10	15	10
Yugoslavia	10	7	10	2.00	2.14	1.50	20	15	15
Total E. Europe	26	19	23	1.85	2.37	1.83	48	45	42
Fmr. Soviet Union:.									
Azerbaijan	1	2	1	1.00	1.00	1.00	1	2	1
Kyrgyzstan	3	5	5	1.00	1.00	1.00	3	5	5
Kazakhstan	102	95	88	1.80	1.26	1.25	184	120	110
Russian Fed.	193	171	165	1.76	1.75	2.36	340	300	389
Tajikistan	13	12	12	0.92	0.92	0.92	12	11	11
Turkmenistan	48	32	30	1.67	2.34	2.33	80	75	70
Ukraine	23	22	23	2.22	2.36	2.3	51	52	53
Uzbekistan	167	168	160	1.93	1.27	1.25	322	213	200
Total	550	507	484	1.81	1.53	1.73	993	778	839
Africa:									
Algeria	1	1	1	1.00	1.00	1.00	1	1	1
Angola	5	10	10	0.60	0.90	0.90	3	9	9
Benin	8	10	13	0.88	1.10	1.23	7	11	16
Burkina	30	35	60	1.33	1.57	1.25	40	55	75
Chad	55	50	55	1.09	0.90	1.00	60	45	55
Cameroon	35	40	40	1.77	1.63	1.63	62	65	65
Cote d'Ivorie	635	645	680	0.63	0.64	0.65	398	410	445

See footnotes at end of table.

Table 1-34.—Rice, milled: Area, yield, and production in specified countries, 1994/95–1996/97 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
Africa—Continued									
Egypt	575	588	590	4.92	5.06	5.17	2,830	2,975	3,050
Gambia, The	12	12	13	1.08	1.08	1.00	13	13	13
Ghana	80	100	105	1.25	1.32	1.24	100	132	130
Guinea	400	425	450	0.88	0.96	1.00	350	410	450
Guinea-Bissau	65	65	65	1.31	1.32	1.31	85	86	85
Kenya	20	15	15	1.75	2.00	2.00	35	30	30
Liberia	45	50	75	0.44	0.70	0.80	20	35	60
Madagascar	1,180	1,150	1,200	1.28	1.39	1.38	1,510	1,600	1,650
Malawi	27	35	40	1.04	0.94	1.13	28	33	45
Mali	284	280	300	1.09	1.07	1.03	310	300	310
Mauritania	19	20	20	1.89	1.85	1.85	36	37	37
Morocco	8	6	8	5.00	3.33	5.00	40	20	40
Mozambique	121	130	145	0.54	0.58	0.62	65	75	90
Niger	35	30	30	1.29	1.53	1.53	45	46	46
Nigeria	1,666	1,700	1,658	1.32	1.33	1.18	2,200	2,260	1,950
Senegal	80	77	73	1.31	1.30	1.33	105	100	97
Sierra Leone	328	230	290	0.74	0.74	0.81	243	170	235
Somalia	2	2	2	1.50	1.50	1.50	3	3	3
Sudan	7	7	7	1.00	1.00	1.00	7	7	7
Swaziland	2	2	2	1.50	1.50	1.50	3	3	3
Tanzania, United Rep. of	41	40	55	0.61	0.63	0.73	25	25	40
Togo	420	478	400	1.06	0.98	1.00	445	470	400
Zaire	500	550	590	0.50	0.46	0.44	248	255	260
Zambia	7	10	10	0.57	0.80	0.70	4	8	7
Total	6,693	6,793	7,002	1.39	1.43	1.39	9,321	9,689	9,704
Asia:									
Afghanistan	210	200	200	1.33	1.35	1.35	280	270	270
Bangladesh	9,922	9,941	10,030	1.70	1.78	1.84	16,833	17,687	18,420
Brunei	3	3	3	1.33	1.33	1.33	4	4	4
Burma	5,517	5,666	5,600	1.68	1.74	1.61	9,280	9,860	9,000
Cambodia	1,700	1,900	1,950	0.82	1.13	1.06	1,400	2,150	2,070
China Peoples Republic	30,171	30,745	31,406	4.08	4.22	4.35	123,151	129,650	136,570
India	42,500	42,300	42,700	1.91	1.88	1.89	81,160	79,620	80,540
Indonesia	11,439	11,570	11,300	2.83	2.87	2.83	32,333	33,215	32,000
Iran	560	570	600	2.68	2.72	2.67	1,500	1,550	1,600
Iraq	150	150	140	1.67	1.33	1.43	250	200	200
Japan	2,212	2,118	1,977	4.93	4.62	4.76	10,903	9,781	9,413
Korea, Democratic Pe	600	580	580	2.33	2.24	2.24	1,400	1,300	1,300
Korea, Republic of	1,102	1,056	1,050	4.59	4.45	5.07	5,060	4,694	5,320
Laos	610	520	520	1.56	1.63	1.63	950	850	850
Malaysia	665	663	660	1.99	2.01	2.00	1,325	1,330	1,320
Nepal	1,400	1,450	1,400	1.54	1.52	1.64	2,150	2,200	2,300
Pakistan	2,107	2,162	2,230	1.64	1.82	1.91	3,447	3,936	4,260
Phillippines	3,668	3,924	3,900	1.86	1.85	1.87	6,809	7,263	7,300
Sri Lanka	788	683	610	2.40	2.44	2.54	1,890	1,664	1,550
Taiwan	366	363	348	4.13	4.18	4.08	1,511	1,517	1,420
Thailand	9,196	9,032	9,175	1.54	1.59	1.49	14,124	14,388	13,700
Turkey	46	70	90	3.26	3.21	2.89	150	225	260
Vietnam	6,803	7,124	7,050	2.39	2.48	2.55	16,246	17,683	18,000
Total	131,735	132,790	133,519	2.52	2.57	2.60	332,156	341,037	347,667
Oceania:									
Australia	128	149	166	6.35	4.56	6.06	813	680	1,006
World total	147,260	147,905	148,635	2.47	2.51	2.55	364,297	371,521	379,125

[1] Crop year beginning Aug. 1. Crops harvested in the Northern Hemisphere during the latter part of the year 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. [2] Harvested area as far as possible. [3] Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. 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 1-35.—Rice, milled equivalent: [1] International trade, 1995–97 [2]

Country	1995	1996	1997 [3]
	1,000 metric tons	*1,000 Metric tons*	*1,000 metric tons*
Exports:			
Argentina	342	365	600
Australia	519	475	700
Burma	645	265	25
China	32	300	900
Guyana	203	225	225
India	4,201	3,556	1,750
Pakistan	1,592	1,663	1,650
Thailand	5,931	5,280	4,900
Uruguay	470	596	650
Vietnam	2,308	3,100	3,250
EU	323	301	350
Others	1,358	765	880
Subtotal	17,924	16,891	15,880
United States	3,073	2,624	2,400
Total	20,997	19,515	18,280
Imports:			
Bangladesh	1,566	700	100
Brazil	987	800	1,000
Canada	214	220	220
China	1,964	850	500
Colombia	114	100	200
Costa Rica	58	85	90
Cote d'Ivoir	387	300	300
Cuba	316	400	350
Ghana	106	185	100
Guinea	291	250	200
Haiti	204	175	175
Indonesia	3,011	1,233	750
Iran	1,633	1,294	1,000
Iraq	92	236	600
Jamaica &	74	75	75
Japan	29	445	600
Jordan	76	90	110
Korea, North	683	350	300
Korea, South	13	110	77
Malaysia	402	572	600
Mexico	245	310	275
Nigeria	450	500	700
Peru	258	400	200
Philippines	277	900	750
Russia	125	350	300
Saudi Arabia	615	750	750
Senegal	402	623	400
Singapore	293	312	325
South Africa	634	686	500
Sri Lanka	25	256	200
Syria	203	125	150
Turkey	445	350	250
UAE	85	85	85
Yemen	68	143	100
EU	762	895	650
Other Western Europe	30	34	37
Eastern Europe	185	135	150
United States	221	268	350
Subtotal	17,543	15,592	13,519
Other Countries	2,637	2,486	2,377
Unaccounted	817	1,437	2,384
World Total	20,997	19,515	18,280

[1] Includes milled, semi-milled, broken, and rough rice in terms of milled. [2] Year beginning Jan 1. [3] Preliminary.

FAS, Grain and Feed Division, (202) 720–6219. Prepared or estimated on the basis of official statistics frpm 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 1-36.—Food grains: Average price, selected markets and grades, 1988–97 [1]

Crop year [2]	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 (milling)	Wheat, No. 1 Dark Northern Spring, 14% protein	Rye, No. 2		
	Dollars per bushel	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*
1988	4.17	4.23	3.96	5.53	4.36	2.26	4.53	4.08
1989	4.22	4.21	3.93	4.25	4.16	2.24	4.28	3.94
1990	2.94	3.01	2.77	3.48	3.06	2.30	3.16	2.81
1991	3.77	3.77	3.35	3.61	3.82	2.52	4.11	3.32
1992	3.67	3.77	3.56	3.88	3.89	2.91	4.11	3.54
1993	3.67	3.77	3.56	3.88	3.89	2.91	4.11	3.54
1994	3.60	4.40	3.55	5.76	4.92	3.64	3.51	3.23
1995	3.97	4.06	3.76	5.98	4.26	2.94	4.16	3.62
1996	5.49	5.69	5.40	7.40	5.72	3.33	5.27	4.82
1997	4.88	4.92	4.67	5.59	4.97	2.94	4.54	4.10

Crop year [2]	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
	Dollars per bushel	*Dollars per bushel*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
1988	4.00	3.87	17.60	14.45	15.30	15.60	15.75	NA	15.85
1989	3.92	3.82	NA	14.70	14.95	15.20	15.50	NA	15.50
1990	2.73	2.62	NA	14.89	15.46	15.40	15.79	NA	16.06
1991	3.49	3.41	NA	15.75	16.35	16.25	16.50	NA	16.50
1992	3.49	3.30	NA	14.83	15.49	15.74	16.03	NA	16.78
1993	3.49	3.30	(3)	13.90	13.29	14.29	12.09	NA	16.66
1994	3.22	3.20	(3)	20.63	19.77	21.20	19.57	21.23	20.32
1995	3.62	3.57	(3)	14.07	14.54	13.16	13.25	NA	13.39
1996	3.98	5.03	(3)	19.40	19.46	19.22	19.63	NA	19.62
1997	4.72	4.43	(3)	19.91	19.98	18.66	20.42	NA	20.87

[1] Simple average of daily prices. [2] For wheat and rye, crop year begins in June. For rice, crop year begins in August. [3] Discontinued. NA-not available.

AMS, Livestock and Grain Market News branch, (202) 720–6231.

Table 1-37.—Corn: Area, yield, production, and value, United States, 1988–97

Year	Area planted, all purposes	Corn for grain					Corn for silage		
		Area harvested	Yield per harvested acre	Production	Marketing year average price per bushel	Value of production	Area harvested	Yield per harvested acre	Production [1]
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*	*1,000 acres*	*Tons*	*1,000 tons*
1988	67,717	58,250	84.6	4,928,681	2.54	12,661,362	8,301	9.5	78,911
1989	72,322	64,783	116.3	7,531,953	2.36	17,912,895	6,606	13.0	86,111
1990	74,166	66,952	118.5	7,934,028	2.28	18,191,643	6,123	14.2	86,820
1991	75,957	68,822	108.6	7,474,765	2.37	17,860,947	6,140	13.2	81,216
1992	79,311	72,077	131.5	9,476,698	2.07	19,723,258	6,069	14.4	87,663
1993	73,235	62,921	100.7	6,336,470	2.50	16,031,861	6,831	11.9	81,289
1994	79,175	72,887	138.6	10,102,735	2.26	22,992,309	5,601	15.8	88,588
1995	71,245	64,995	113.5	7,373,876	3.24	24,117,503	5,295	14.7	77,867
1996	79,507	73,147	127.1	9,293,435	2.71	25,312,028	5,415	15.4	83,594
1997 [2]	80,227	73,720	127.0	9,365,574	2.60	24,394,072	5,758	16.0	91,903

[1] Includes hogged or grazed and that cut and fed without removing grain. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-38.—Corn: Stocks on and off farms, United States, 1989–98

Year beginning previous December	On farms				Off farms [2]			
	Dec. 1	Mar. 1	Jun. 1	Sep. 1 [1]	Dec. 1	Mar. 1	Jun. 1	Sep. 1 [1]
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1989	4,280,200	3,021,000	2,022,000	967,500	2,791,367	2,182,926	1,397,302	962,928
1990	4,698,800	2,910,500	1,623,500	754,800	2,383,275	1,901,921	1,219,708	589,657
1991	4,874,000	3,064,500	1,755,000	691,200	2,066,289	1,724,474	1,236,957	830,045
1992	4,294,500	2,610,200	1,517,500	605,500	2,252,816	1,950,785	1,221,051	494,811
1993	5,736,900	3,630,000	2,216,500	1,070,700	2,169,463	2,048,215	1,492,943	1,042,281
1994	3,803,000	2,210,200	1,203,000	395,400	2,133,548	1,785,514	1,156,881	454,743
1995	5,417,500	3,502,000	2,072,000	740,900	2,662,980	2,089,693	1,342,896	816,940
1996	3,960,000	2,000,200	780,100	196,600	2,145,774	1,799,341	937,794	229,342
1997	4,800,000	2,870,000	1,501,000	475,000	2,102,974	1,624,128	995,550	408,161
1998 [3]	4,822,000	NA	NA	NA	2,407,825	NA	NA	NA

[1] Old crop only. [2] Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-39.—Corn: Supply and disappearance, United States, 1987–96

Year beginning September 1	Supply				Disappearance					Ending stocks Aug. 31		
					Domestic use							
	Beginning stocks	Production	Imports	Total	Feed and residual	Food, alcohol, and seed	Total	Exports	Total disappearance	Privately held [1]	Government	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*
1987	4,882	7,131	3	12,016	4,789	1,252	6,041	1,716	7,757	3,424	835	4,259
1988	4,259	4,929	3	9,191	3,937	1,298	5,234	2,026	7,260	1,568	363	1,930
1989	1,930	7,532	2	9,464	4,382	1,370	5,752	2,368	8,120	1,111	233	1,344
1990	1,344	7,934	3	9,282	4,611	1,425	6,036	1,725	7,761	1,150	371	1,521
1991	1,521	7,475	20	9,016	4,798	1,534	6,331	1,584	7,915	988	113	1,100
1992	1,100	9,477	7	10,584	5,252	1,556	6,808	1,663	8,471	2,057	56	2,113
1993	2,113	6,336	21	8,470	4,683	1,609	6,292	1,328	7,620	805	45	850
1994	850	10,103	10	10,962	5,523	1,704	7,227	2,177	9,405	1,516	42	1,558
1995	1,558	7,374	16	8,948	4,682	1,612	6,294	2,228	8,522	396	30	426
1996 [2]	426	9,293	13	9,733	5,362	1,692	7,054	1,795	8,849	853	30	883

[1] Includes quantity under loan and farmer–owned reserve. [2] Preliminary. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-40.—Corn: Area, yield, and production, by States, 1995–97

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	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*
AL ...	250	310	290	220	280	265	75.0	82.0	87.0	16,500	22,960	23,055
AZ ...	30	55	70	22	40	50	170.0	175.0	170.0	3,740	7,000	8,500
AR ...	95	240	180	85	230	175	115.0	125.0	125.0	9,775	28,750	21,875
CA ...	435	500	580	150	220	260	160.0	160.0	170.0	24,000	35,200	44,200
CO ..	950	1,050	1,150	830	940	1,030	111.0	142.0	146.0	92,130	133,480	150,380
CT ...	37	38	38	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
DE ...	145	155	150	139	150	144	105.0	143.0	110.0	14,595	21,450	15,840
FL ...	100	140	120	60	112	80	90.0	88.0	80.0	5,400	9,856	6,400
GA ..	400	580	550	350	525	500	90.0	95.0	110.0	31,500	49,875	55,000
ID	95	100	110	35	40	40	140.0	135.0	155.0	4,900	5,400	6,200
IL	10,200	11,000	11,200	10,000	10,800	11,050	113.0	136.0	129.0	1,130,000	1,468,800	1,425,450
IN	5,400	5,600	6,000	5,300	5,450	5,850	113.0	123.0	123.0	598,900	670,350	719,550
IA	11,700	12,700	12,200	11,400	12,450	12,000	123.0	138.0	138.0	1,402,200	1,718,100	1,656,000
KS ...	2,150	2,500	2,850	1,970	2,350	2,700	124.0	152.0	143.0	244,280	357,200	386,100
KY ...	1,280	1,300	1,300	1,140	1,200	1,170	108.0	124.0	103.0	123,120	148,800	120,510
LA ...	230	535	500	221	523	490	105.0	125.0	117.0	23,205	65,375	57,330
ME ..	31	33	35	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MD ..	450	530	500	400	465	415	105.0	139.0	90.0	42,000	64,635	37,350
MA ..	30	32	28	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MI	2,450	2,650	2,600	2,170	2,300	2,250	115.0	94.0	117.0	249,550	216,200	263,250
MN ..	6,700	7,500	7,000	6,150	6,950	6,450	119.0	125.0	133.0	731,850	868,750	857,850
MS ..	300	630	490	275	605	470	95.0	102.0	107.0	26,125	61,710	50,290
MO ..	1,650	2,750	2,950	1,470	2,650	2,870	102.0	134.0	116.0	149,940	355,100	332,920
MT ..	55	55	60	16	15	14	120.0	137.0	135.0	1,920	2,055	1,890
NE ...	8,000	8,500	9,000	7,700	8,300	8,725	111.0	143.0	132.0	854,700	1,186,900	1,151,700
NH ..	17	17	17	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
NJ ...	98	110	118	78	94	93	93.0	126.0	108.0	7,254	11,844	10,044
NM ..	123	130	135	73	84	85	160.0	175.0	175.0	11,680	14,700	14,875
NY ...	1,100	1,150	1,200	610	630	650	105.0	107.0	116.0	64,050	67,410	75,400
NC ..	800	1,000	950	700	900	870	107.0	95.0	89.0	74,900	85,500	77,430
ND ..	700	900	800	510	720	605	79.0	91.0	99.0	40,290	65,520	59,895
OH ..	3,300	2,900	3,600	3,100	2,750	3,450	121.0	111.0	134.0	375,100	305,250	462,300
OK ..	155	200	210	130	170	190	125.0	145.0	140.0	16,250	24,650	26,600
OR ..	46	65	47	21	33	22	160.0	165.0	195.0	3,360	5,445	4,290
PA ...	1,380	1,450	1,550	980	1,070	985	96.0	119.0	99.0	94,080	127,330	97,515
RI	3	2	2	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SC ...	290	400	350	265	380	335	91.0	79.0	97.0	24,115	30,020	32,495
SD ...	2,800	4,000	3,800	2,450	3,700	3,400	79.0	100.0	98.0	193,550	370,000	333,200
TN ...	640	770	730	540	680	650	118.0	116.0	102.0	63,720	78,880	66,300
TX ...	2,100	2,100	2,000	1,900	1,800	1,800	114.0	112.0	138.0	216,600	201,600	248,400
UT ...	68	65	67	20	21	23	100.0	130.0	135.0	2,000	2,730	3,105
VT ...	87	95	95	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
VA ...	430	450	500	275	310	325	111.0	126.0	93.0	30,525	39,060	30,225
WA ..	150	170	150	102	120	95	190.0	185.0	190.0	19,380	22,200	18,050
WV ..	65	65	65	40	40	37	100.0	105.0	95.0	4,000	4,200	3,515
WI ...	3,650	3,900	3,800	3,050	3,000	3,050	114.0	111.0	132.0	347,700	333,000	402,600
WY ..	80	85	90	48	50	57	104.0	123.0	135.0	4,992	6,150	7,695
US ...	71,245	79,507	80,227	64,995	73,147	73,720	113.5	127.1	127.0	7,373,876	9,293,435	9,365,574

[1] Preliminary. [2] Not estimated.

NASS, Crops Branch, (202) 720–2127.

Table 1-41.—Corn: Utilization for silage, by States, 1995–97

State	Silage								
	Area harvested			Yield per acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	15	15	15	8.0	11.0	14.0	120	165	210
AZ	8	15	18	26.0	27.0	25.0	208	405	450
AR	5	5	4	8.0	12.0	15.0	40	60	60
CA	280	275	315	25.0	25.0	26.0	7,000	6,875	8,190
CO	105	90	110	20.0	21.5	22.5	2,100	1,935	2,475
CT	32	33	35	16.5	18.5	18.0	528	611	630
DE	5	4	4	19.0	17.0	13.0	95	68	52
FL	20	19	25	15.0	17.0	16.5	300	323	413
GA	40	45	40	14.0	14.0	17.0	560	630	680
ID	58	58	68	23.5	24.0	25.5	1,363	1,392	1,734
IL	120	130	120	15.0	14.0	16.5	1,800	1,820	1,980
IN	80	100	100	15.0	18.0	16.0	1,200	1,800	1,600
IA	250	220	190	15.0	18.0	18.0	3,750	3,960	3,420
KS	130	130	125	13.5	15.0	18.0	1,755	1,950	2,250
KY	100	90	120	14.5	16.5	15.0	1,450	1,485	1,800
LA	6	10	7	16.0	16.0	15.0	96	160	105
ME	28	26	29	16.0	14.5	16.0	448	377	464
MD	40	60	80	20.0	18.0	10.0	800	1,080	800
MA	27	27	23	17.5	19.5	20.0	473	527	460
MI	260	310	320	15.0	12.5	14.5	3,900	3,875	4,640
MN	450	475	450	12.0	13.0	14.5	5,400	6,175	6,525
MS	22	23	18	13.5	10.0	15.0	297	230	270
MO	80	60	60	10.0	15.0	16.0	800	900	960
MT	38	39	45	20.0	21.0	21.0	760	819	945
NE	225	125	200	12.5	16.5	15.0	2,813	2,063	3,000
NH	15	15	16	18.0	17.0	19.0	270	255	304
NJ	19	14	23	15.0	16.0	15.0	285	224	345
NM	49	44	49	18.0	21.0	21.0	882	924	1,029
NY	485	510	545	14.0	15.5	15.0	6,790	7,905	8,175
NC	90	80	75	17.0	13.0	14.0	1,530	1,040	1,050
ND	165	170	175	6.8	8.0	6.3	1,122	1,360	1,103
OH	160	130	130	15.5	14.5	18.0	2,480	1,885	2,340
OK	20	20	17	14.0	20.0	17.0	280	400	289
OR	24	30	24	25.0	27.0	26.0	600	810	624
PA	390	370	540	14.0	17.5	14.0	5,460	6,475	7,560
RI	3	2	2	15.0	17.0	17.5	45	34	35
SC	20	15	13	15.0	12.5	15.0	300	188	195
SD	320	270	360	7.5	8.7	11.5	2,400	2,349	4,140
TN	90	75	70	14.0	16.0	15.0	1,260	1,200	1,050
TX	70	70	60	22.0	16.0	23.5	1,540	1,120	1,410
UT	47	42	43	20.0	21.0	24.0	940	882	1,032
VT	79	76	88	17.0	16.5	18.0	1,343	1,254	1,584
VA	145	130	165	16.0	16.5	12.5	2,320	2,145	2,063
WA	48	50	55	27.0	26.0	28.0	1,296	1,300	1,540
WV	23	20	25	15.0	16.0	12.0	345	320	300
WI	580	865	730	13.5	13.0	15.0	7,830	11,245	10,950
WY	29	33	32	17.0	18.0	21.0	493	594	672
US	5,295	5,415	5,758	14.7	15.4	16.0	77,867	83,594	91,903

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-42.—Corn for grain: Marketing year average price and value, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per bushel			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	3.50	3.45	2.85	57,750	79,212	65,707
AZ	3.70	3.65	3.30	13,838	25,550	28,050
AR	3.10	2.65	2.60	30,303	76,188	56,875
CA	3.95	3.37	3.20	94,800	118,624	141,440
CO	3.33	2.76	2.65	306,793	368,405	398,507
DE	3.75	3.10	3.00	54,731	66,495	47,520
FL	3.20	3.80	2.90	17,280	37,453	18,560
GA	3.55	3.58	2.90	111,825	178,553	159,500
ID	4.50	3.25	3.20	22,050	17,550	19,840
IL	3.30	2.79	2.70	3,729,000	4,097,952	3,848,715
IN	3.38	2.78	2.70	2,024,282	1,863,573	1,942,785
IA	3.20	2.60	2.50	4,487,040	4,467,060	4,140,000
KS	3.24	2.83	2.65	791,467	1,010,876	1,023,165
KY	3.27	3.00	2.70	402,602	446,400	325,377
LA	2.95	3.50	2.70	68,455	228,813	154,791
MD	3.65	3.05	3.10	153,300	197,137	115,785
MI	3.20	2.66	2.55	798,560	575,092	671,288
MN	3.14	2.47	2.45	2,298,009	2,145,813	2,101,733
MS	3.00	3.30	2.65	78,375	203,643	133,269
MO	3.48	2.77	2.55	521,791	983,627	848,946
MT	3.00	2.60	2.60	5,760	5,343	4,914
NE	3.22	2.64	2.55	2,752,134	3,133,416	2,936,835
NJ	3.75	3.00	2.90	27,203	35,532	29,128
NM	2.95	3.10	2.90	34,456	45,570	43,138
NY	3.85	2.98	2.95	246,593	200,882	222,430
NC	3.54	3.43	2.95	265,146	293,265	228,419
ND	3.16	2.43	2.30	127,316	159,214	137,759
OH	3.32	2.75	2.65	1,245,332	839,438	1,225,095
OK	3.70	2.90	2.70	60,125	71,485	71,820
OR	4.11	3.19	3.15	13,810	17,370	13,514
PA	3.86	2.99	3.20	363,149	380,717	312,048
SC	3.40	3.55	2.70	81,991	106,571	87,737
SD	3.23	2.31	2.30	625,167	854,700	766,360
TN	3.50	2.90	2.75	223,020	228,752	182,325
TX	3.19	3.19	2.85	690,954	643,104	707,940
UT	3.88	3.80	3.10	7,760	10,374	9,626
VA	3.35	3.20	2.60	102,259	124,992	78,585
WA	3.45	3.15	3.10	66,861	69,930	55,955
WV	3.85	3.11	3.00	15,400	13,062	10,545
WI	3.11	2.62	2.50	1,081,347	872,460	1,006,500
WY	3.90	2.90	2.80	19,469	17,835	21,546
US	3.24	2.71	2.60	24,117,503	25,312,028	24,394,072

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1994/95–1996/97 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North America:									
Canada	955	1,003	1,058	7.37	7.25	6.98	7,043	7,271	7,380
Costa Rica	30	30	25	1.67	1.67	1.60	50	50	40
Cuba	90	85	85	0.56	0.53	0.65	50	45	55
Dominican Republic	25	20	20	0.96	1.30	1.60	24	26	32
El Salvador	317	300	281	1.50	2.13	2.21	474	640	621
Guatemala	800	820	825	1.54	1.62	1.64	1,229	1,330	1,350
Haiti	170	170	200	0.94	1.00	1.00	160	170	200
Honduras	390	406	407	1.37	1.62	1.33	536	656	540
Jamaica and Dep	4	4	4	1.25	1.25	1.25	5	5	5
Mexico	8,022	7,800	8,200	2.12	2.28	2.38	17,005	17,780	19,500
Nicaragua	200	225	274	0.90	1.17	1.16	180	263	318
Panama	81	81	80	1.31	1.28	1.30	106	104	104
Trinidad and Tobago	3	3	3	1.67	1.67	1.67	5	5	5
United States	29,496	26,303	29,602	8.70	7.12	7.97	256,621	187,305	236,064
Total	40,583	37,250	41,064	6.99	5.79	6.48	283,488	215,650	266,214

See footnotes at end of table.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1994/95–1996/97 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
South America:									
Argentina	2,550	2,700	3,225	4.45	4.11	4.56	11,360	11,100	14,700
Bolivia	290	270	300	1.90	1.94	1.83	550	525	550
Brazil	14,189	13,767	13,877	2.64	2.36	2.61	37,440	32,480	36,160
Chile	104	110	105	8.96	9.09	7.62	932	1,000	800
Colombia	660	580	580	1.55	1.66	1.64	1,020	960	950
Ecuador	340	325	245	1.25	1.29	1.24	425	420	305
Guyana	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay	315	300	375	2.54	2.00	2.67	800	600	1,000
Peru	384	365	380	2.04	1.83	1.97	785	667	750
Uruguay	59	55	80	1.86	2.09	2.25	110	115	180
Venezuela	460	460	440	2.26	2.61	2.61	1,040	1,200	1,150
Total	19,356	18,937	19,612	2.81	2.59	2.88	54,467	49,072	56,550
Europe:									
Austria	179	173	201	7.94	8.51	8.63	1,421	1,473	1,735
Belgium-Luxembourg	26	25	25	8.04	8.76	8.80	209	219	220
France	1,637	1,623	1,716	7.72	7.64	8.41	12,640	12,394	14,432
Germany	344	325	372	7.11	7.37	7.83	2,446	2,395	2,913
Greece	158	103	125	8.48	9.22	10.48	1,340	950	1,310
Italy	909	942	1,023	8.05	8.97	9.33	7,320	8,454	9,547
Netherlands	11	9	11	7.55	7.00	7.91	83	63	87
Portugal	177	178	181	4.10	4.30	4.42	726	766	800
Spain	340	351	435	6.67	7.12	8.51	2,269	2,500	3,700
Sweden	3	3	3	3.33	3.33	3.33	10	10	10
Total EU	3,784	3,732	4,092	7.52	7.83	8.49	28,464	29,224	34,754
Switzerland	29	26	24	8.59	8.65	8.96	249	225	215
Albania	60	60	60	3.33	3.33	3.33	200	200	200
Bulgaria	490	430	300	2.82	3.26	2.93	1,383	1,400	880
Czech Republic	35	27	30	3.51	4.19	4.67	123	113	140
Hungary	1,200	1,040	1,053	3.58	4.42	5.60	4,300	4,600	5,900
Poland	58	48	50	3.26	4.98	4.70	189	239	235
Romania	2,998	3,122	3,290	2.84	3.18	2.92	8,500	9,923	9,610
Slovakia	127	122	140	4.10	4.89	5.36	521	596	750
Yugoslavia	2,100	2,000	2,100	3.57	3.85	3.62	7,500	7,700	7,600
Total Eastern Europe	7,068	6,849	7,023	3.21	3.62	3.60	22,716	24,771	25,315
Fmr. Soviet Union:.									
Azerbaijan	15	15	15	1.33	1.33	1.33	20	20	20
Georgia	100	115	134	2.10	2.09	2.24	210	240	300
Kyrgyzstan	50	50	50	2.60	2.40	2.40	130	120	120
Kazakhstan	112	93	110	2.05	1.70	1.09	230	158	120
Moldova	300	300	339	2.00	3.67	2.92	600	1,100	989
Russian Fed.	524	643	700	1.72	2.64	1.57	900	1,700	1,100
Tajikistan	8	8	8	3.13	3.13	3.13	25	25	25
Turkmenistan	44	50	50	3.52	3.10	3.00	155	155	150
Ukraine	651	1,161	700	2.36	2.92	2.71	1,537	3,392	1,900
Uzbekistan	60	30	30	3.83	3.33	3.33	230	100	100
Total	1,864	2,465	2,136	2.17	2.84	2.26	4,037	7,010	4,824
Africa:									
Algeria	1	1	1	2.00	2.00	2.00	2	2	2
Angola	500	700	725	0.47	0.57	0.52	235	400	375
Benin	480	530	450	1.02	1.13	1.11	490	600	500
Botswana	30	20	30	0.17	0.25	0.50	5	5	15
Burkina	218	160	230	1.61	1.31	1.30	350	210	300
Burundi	100	120	110	1.25	1.25	1.32	125	150	145
Cameroon	450	400	400	0.96	1.63	1.88	430	650	750
Cape Verde	10	15	15	0.90	0.67	0.67	9	10	10
Central African Republic	70	80	90	0.86	0.88	0.83	60	70	75
Chad	111	70	85	0.85	0.86	0.88	94	60	75
Congo (Brazzaville)	30	30	30	0.67	0.83	0.83	20	25	25
Cote d'Ivorie	675	685	690	0.83	0.87	0.90	560	595	620
Egypt	886	902	924	6.38	5.93	5.89	5,650	5,353	5,440

See footnotes at end of table.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1994/95–1996/97 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
Africa—Continued									
Ethiopia	1,550	1,500	1,950	1.42	1.87	1.64	2,200	2,800	3,200
Gambia, The	16	15	15	1.38	1.33	1.33	22	20	20
Ghana	629	670	665	1.49	1.54	1.50	940	1,035	1,000
Guinea	95	90	90	1.20	1.00	1.00	114	90	90
Guinea-Bissau	13	15	15	1.08	1.00	1.00	14	15	15
Kenya	1,740	1,750	1,500	1.71	1.49	1.47	2,970	2,600	2,200
Lesotho	100	110	125	0.72	1.82	1.00	72	200	125
Madagascar	140	180	190	1.14	1.00	0.95	160	180	180
Malawi	1,400	1,400	1,400	1.14	1.29	1.21	1,600	1,800	1,700
Mali	284	235	205	1.13	1.23	1.29	320	290	265
Mauritania	13	3	3	0.46	1.00	1.00	6	3	3
Morocco	324	390	245	0.63	0.13	0.86	203	50	210
Mozambique	700	1,000	1,100	1.05	0.95	1.05	734	950	1,150
Nigeria	3,500	3,550	3,500	1.83	1.83	1.43	6,417	6,500	5,000
Rwanda	40	50	60	1.50	1.50	1.17	60	75	70
Senegal	110	100	85	1.00	1.05	1.06	110	105	90
Sierra Leone	10	8	10	0.90	1.00	1.00	9	8	10
Somalia	100	150	200	1.00	1.00	0.80	100	150	160
South Africa, Rep. of	2,952	3,300	3,360	1.64	3.09	2.68	4,845	10,200	9,012
Swaziland	60	75	70	1.27	1.80	1.14	76	135	80
Tanzania, United Rep.	1,650	1,655	1,750	1.30	1.55	1.37	2,150	2,570	2,400
Togo	170	260	380	1.47	0.87	1.05	250	225	400
Tunisia	1	1	1	1.00	1.00	1.00	1	1	1
Uganda	563	594	590	1.60	1.60	1.53	900	950	900
Zaire	1,454	1,400	1,350	0.83	0.79	0.81	1,200	1,100	1,100
Zambia	650	675	600	1.23	2.07	1.67	800	1,400	1,000
Zimbabwe	1,400	1,550	1,640	0.64	1.68	1.10	889	2,600	1,800
Total	23,225	24,439	24,879	1.52	1.81	1.63	35,192	44,182	40,513
Asia:									
Afghanistan	450	300	300	1.56	1.67	1.67	700	500	500
Bhutan	50	50	50	1.70	1.70	1.70	85	85	85
Burma	159	160	160	1.61	1.69	1.56	256	270	250
Cambodia	49	50	50	1.33	1.30	1.30	65	65	65
China, People's Republic of	21,152	22,767	24,498	4.69	4.92	5.20	99,280	112,000	127,470
India	6,100	6,010	6,100	1.50	1.57	1.66	9,120	9,440	10,100
Indonesia	3,652	3,531	3,550	1.67	1.70	1.83	6,100	6,000	6,500
Iran	50	50	50	1.40	1.40	1.40	70	70	70
Iraq	140	140	140	2.14	2.14	1.79	300	300	250
Japan	1	1	1	2.00	2.00	1.00	2	2	1
Jordan	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Democratic People's Rep	700	600	300	3.29	3.33	3.33	2,300	2,000	1,000
Korea, Rep. of	22	18	18	4.05	3.89	4.00	89	70	72
Lebanon	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia	20	23	25	2.00	1.87	1.80	40	43	45
Nepal	750	725	770	1.60	1.66	1.62	1,200	1,200	1,250
Pakistan	886	850	875	1.49	1.50	1.49	1,318	1,275	1,300
Philippines	2,967	2,760	2,730	1.53	1.57	1.56	4,534	4,324	4,250
Saudi Arabia	3	3	3	1.33	1.33	1.33	4	4	4
Syria	66	69	70	3.03	2.90	2.86	200	200	200
Taiwan	57	56	50	4.63	4.88	4.00	264	273	200
Thailand	1,200	1,140	1,200	3.17	3.25	3.25	3,800	3,700	3,900
Turkey	480	515	600	3.54	3.50	3.50	1,700	1,800	2,100
Vietnam	535	557	615	2.14	2.13	2.44	1,144	1,184	1,500
Yemen	40	40	45	1.75	1.75	1.67	70	70	75
Total	39,532	40,418	42,203	3.36	3.58	3.82	132,644	144,878	161,190
Oceania:									
Australia	50	63	68	4.84	5.03	5.46	242	317	371
New Zealand	18	18	15	8.89	8.89	9.67	160	160	145
Total	68	81	83	5.91	5.89	6.22	402	477	516
World total	135,509	134,197	141,116	4.14	3.84	4.18	561,659	515,489	590,091

[1] Years shown refer to years of harvest. 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 1994 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1994 and ends early in 1995. [2] Harvested area as far as possible. [3] Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. 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 1-44.—Corn: Support operations, United States, 1988–97

Marketing year beginning September 1	Income support payment rates per bushel [1]	Program price levels per bushel		Put under loan [4]		Acquired by CCC under loan program [5]	Owned by CCC at end of marketing year
		Loan [2]	Target [3]	Quantity	Percentage of production		
	Dollars	*Dollars*	*Dollars*	*Million bushels*	*Percent*	*Million bushels*	*Million bushels*
1988/89	0.36	1.77	2.93	756	15.3	151	363
1989/90	0.58	1.65	2.84	920	12.2	361	233
1990/91	0.51	1.57	2.75	1,071	13.5	285	371
1991/92	0.41	1.62	2.75	1,006	13.5	291	113
1992/93	0.73	1.72	2.75	1,646	17.4	0	56
1993/94	0.28	1.72	2.75	618	9.8	0	45
1994/95	0.57	1.89	2.75	2,002	19.8	0	42
1995/96	0.00	1.89	2.75	676	9.2	0	30
1996/97	0.251	1.89	NA	970	10.4	0	2
1997/98	0.486	1.89	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior corps years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement Act of 1996 (1996 Act). PFC payment rates are rounded to the nearest tenth of a cent. [2] The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. [3] Beginning with the 1996/97 marketing year, target prices are no longer applicable. [4] Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. [5] Acquisition of all loans forfeited during the marketing year including loans made in previous year. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720–4417.

Table 1-45.—Corn: United States exports, specified by country of destination, 1995/96–1996/97 [1]

Country of destination	Year	
	1995/96	1996/97
	1,000 metric tons	*1,000 metric tons*
Corn:		
Canada	735	879
Mexico	6,268	3,141
Venezuela	479	730
Peru	476	144
Brazil	11	12
Chile	325	396
Other Americas	3,131	3,735
Total Americas	11,425	9,037
European Union	2,351	1,669
Other Western Europe	201	209
Total W. Europe	2,552	1,878
Poland	172	293
Former Soviet Union	50	206
Other E. Europe	22	55
Total E. Europe and. Former Soviet Union	244	554
Korea, Rep. of	7,333	5,404
Taiwan	5,600	5,609
Japan	14,900	15,425
Other Asia	3,778	1,359
Total Asia	31,611	27,797
Egypt	1,854	2,364
Nigeria	0	0
Other Africa	1,498	1,719
Total Africa	3,352	4,083
Other countries	3,497	3,231
World total	52,681	46,580

[1] Year beginning Oct. 1.

FAS, Grain and Feed Division, (202) 720–6219.

Table 1-46.—Oats: Area, yield, production, and value, United States, 1988–97

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	Planted [1]	Harvested				
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	13,907	5,530	39.3	217,375	2.61	532,238
1989	12,085	6,882	54.3	373,587	1.49	548,938
1990	10,423	5,947	60.1	357,654	1.14	417,762
1991	8,653	4,816	50.6	243,851	1.21	309,735
1992	7,943	4,496	65.4	294,229	1.32	399,595
1993	7,937	3,803	54.4	206,770	1.36	291,014
1994	6,639	4,010	57.1	229,008	1.22	299,810
1995	6,336	2,962	54.7	162,027	1.67	280,547
1996	4,661	2,685	57.8	155,273	1.96	319,067
1997 [2]	5,169	2,911	60.5	176,104	1.60	289,148

[1] Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-47.—Oats: Stocks on and off farms, United States, 1988–97

Year beginning October	On farms				Off farms [1]			
	Oct. 1	Jan. 1	Apr. 1	Jun. 1	Oct. 1	Jan. 1	Apr. 1	Jun. 1
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1988	.....	.....	(2)	59,930	.....	.....	(2)	38,404

Year beginning September	On farms				Off farms [1]			
	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1
1989	.....	.....	140,000	82,850	.....	.....	74,749	74,062
1990 [4]	234,700	194,700	138,600	92,400	117,009	99,398	90,659	78,831
1991	173,600	148,100	98,150	61,000	110,487	96,508	76,735	66,721
1992	199,900	161,200	110,250	66,130	94,717	81,292	64,875	47,063
1993	161,000	124,200	85,050	53,940	58,004	69,517	61,502	51,583
1994	144,300	113,400	78,400	46,750	75,551	78,664	70,575	53,848
1995	107,200	87,200	57,350	32,600	72,967	65,804	55,268	33,708
1996	93,400	80,650	56,200	33,100	38,716	45,218	39,362	33,576
1997 [5]	107,950	83,400	NA	NA	48,972	60,679	NA	NA

[1] Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. [2] Discontinued. [3] Per program modification estimates available only for June 1. [4] Per program modifications: stocks estimates for oats were restored for Sept. 1, Dec. 1, and Mar. 1. [5] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-48.—Oats: Supply and disappearance, United States, 1987–96

Year beginning June 1	Supply				Disappearance					Ending stocks May 31		
					Domestic use							
	Beginning stocks	Production	Imports	Total	Feed and residual	Food and seed	Total	Exports	Total disappearance	Privately held [1]	Government	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*
1987	133	374	46	552	358	81	440	1	440	109	4	112
1988	112	217	63	392	194	100	293	1	294	96	2	98
1989	98	374	66	538	283	97	381	1	381	156	1	157
1990	157	358	63	578	312	94	406	1	407	171	(2)	171
1991	171	244	75	490	266	94	360	2	362	128	(2)	128
1992	128	294	55	477	263	95	358	6	364	113	(2)	113
1993	113	207	107	427	225	93	318	3	321	106	0	106
1994	106	229	93	428	234	92	326	1	327	101	0	101
1995	101	162	81	343	183	92	275	2	277	66	0	66
1996 [3]	66	155	97	319	155	95	250	3	252	67	0	67

[1] Includes quantity under loan and farmer-owned reserve. [2] Less than 500,000 bushels. [3] Preliminary. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-49.—Oats: Support operations, United States, 1988–97

Marketing Year beginning June 1	Income support payment rates per bushel [1]	Program price levels per bushel		Put under loan [4]		Acquired by CCC under loan program [5]	Owned by CCC at end of marketing year
		Loan [2]	Target [3]	Quantity	Percentage of production		
	Dollars	*Dollars*	*Dollars*	*Million bushels*	*Percent*	*Million bushels*	*Million bushels*
1988/89	0.00	0.90	1.55	1.0	0.5	0.1	2.4
1989/90	0.00	0.85	1.50	1.8	0.5	0.1	0.7
1990/91	0.32	0.81	1.45	1.6	0.4	0.0	0.4
1991/92	0.35	0.83	1.45	1.7	0.7	0.0	0.2
1992/93	0.17	0.88	1.45	2.8	1.0	0.0	0.1
1993/94	0.11	0.88	1.45	1.8	0.9	0.0	0.0
1994/95	0.19	0.97	1.45	1.9	0.8	0.0	0.0
1995/96	0.00	0.97	1.45	0.7	0.4	0.0	0.0
1996/97	0.033	1.03	NA	1.5	1.0	0.0	0.0
1997/98	0.031	1.11	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior corps years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement Act of 1996 (1996 Act). PFC payment rates are rounded to the nearest tenth of a cent. [2] The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. [3] Beginning with the 1996/97 marketing year, target prices are no longer applicable. [4] Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. [5] Acquisition of all loans forfeited during the marketing year including loans made in previous year. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720–4417.

Table 1-50.—Oats: Area, yield, and production, by States, 1995–97

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	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*
AL	50	40	45	23	20	23	35.0	45.0	50.0	805	900	1,150
AR	20	30	20	18	25	17	85.0	72.0	75.0	1,530	1,800	1,275
CA	350	300	350	30	30	35	85.0	75.0	70.0	2,550	2,250	2,450
CO	95	80	70	33	35	28	62.0	52.0	68.0	2,046	1,820	1,904
GA	75	70	70	35	35	40	50.0	64.0	56.0	1,750	2,240	2,240
ID	90	60	80	20	25	20	80.0	75.0	75.0	1,600	1,875	1,500
IL	500	90	100	80	70	75	67.0	66.0	74.0	5,360	4,620	5,550
IN	90	40	60	30	25	35	68.0	64.0	60.0	2,040	1,600	2,100
IA	750	285	330	225	190	245	65.0	68.0	73.0	14,625	12,920	17,885
KS	130	130	130	80	80	80	47.0	52.0	64.0	3,760	4,160	5,120
ME	30	31	28	27	28	25	60.0	75.0	70.0	1,620	2,100	1,750
MD	8	9	15	6	7	11	61.0	62.0	60.0	366	434	660
MI	110	70	100	90	60	90	57.0	60.0	61.0	5,130	3,600	5,490
MN	625	320	410	375	270	310	48.0	56.0	58.0	18,000	15,120	17,980
MO	45	52	40	29	29	27	47.0	53.0	62.0	1,363	1,537	1,674
MT	145	100	140	80	50	70	59.0	40.0	55.0	4,720	2,000	3,850
NE	155	165	130	90	105	70	50.0	71.0	65.0	4,500	7,455	4,550
NY	110	90	120	90	75	110	59.0	57.0	70.0	5,310	4,275	7,700
NC	60	50	55	30	20	25	65.0	60.0	68.0	1,950	1,200	1,700
ND	650	530	700	450	380	400	48.0	50.0	45.0	21,600	19,000	18,000
OH	120	120	130	100	90	100	69.0	57.0	78.0	6,900	5,130	7,800
OK	60	50	85	20	18	45	39.0	36.0	46.0	780	648	2,070
OR	75	80	80	35	35	30	97.0	97.0	95.0	3,395	3,395	2,850
PA	190	160	190	160	135	160	59.0	56.0	59.0	9,440	7,560	9,440
SC	55	50	50	35	30	30	45.0	54.0	60.0	1,575	1,620	1,800
SD	350	450	430	250	360	310	46.0	60.0	55.0	11,500	21,600	17,050
TX	650	650	550	120	100	110	42.0	34.0	52.0	5,040	3,400	5,720
UT	50	45	50	9	9	9	70.0	72.0	74.0	630	648	666
WA	32	28	35	14	14	17	80.0	80.0	80.0	1,120	1,120	1,360
WV	8	6	6	5	3	4	42.0	50.0	50.0	210	150	200
WI	590	430	510	340	300	330	55.0	58.0	63.0	18,700	17,400	20,790
WY	68	50	60	33	32	30	64.0	53.0	61.0	2,112	1,696	1,830
US	6,336	4,661	5,169	2,962	2,685	2,911	54.7	57.8	60.5	162,027	155,273	176,104

[1] Relates to the total area of oats sown for all purposes, including oats sown in the preceding fall. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-51.—Oats: Marketing year average price and value, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per bushel			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	1.85	2.50	1.75	1,489	2,250	2,013
AR	1.75	2.84	2.15	2,678	5,112	2,741
CA	2.09	2.22	1.80	5,330	4,995	4,410
CO	2.17	2.24	2.00	4,440	4,077	3,808
GA	1.70	2.53	1.90	2,975	5,667	4,256
ID	1.95	2.00	1.70	3,120	3,750	2,550
IL	1.74	2.27	1.75	9,326	10,487	9,713
IN	1.59	2.51	1.95	3,244	4,016	4,095
IA	1.76	2.16	1.60	25,740	27,907	28,616
KS	1.71	1.92	1.50	6,430	7,987	7,680
ME	1.34	1.57	1.20	2,171	3,297	2,100
MD	1.90	2.71	1.75	695	1,176	1,155
MI	1.90	2.41	1.85	9,747	8,676	10,157
MN	1.59	1.84	1.50	28,620	27,821	26,970
MO	2.00	2.25	1.85	2,726	3,458	3,097
MT	1.75	1.91	1.25	8,260	3,820	4,813
NE	1.83	2.11	1.80	8,235	15,730	8,190
NY	1.65	2.10	1.70	8,762	8,978	13,090
NC	1.50	2.40	1.80	2,925	2,880	3,060
ND	1.52	1.68	1.35	32,832	31,920	24,300
OH	1.68	2.41	1.80	11,592	12,363	14,040
OK	1.80	3.10	2.40	1,404	2,009	4,968
OR	1.89	2.22	1.90	6,417	7,537	5,415
PA	1.91	2.27	1.90	18,030	17,161	17,936
SC	1.65	2.35	1.55	2,599	3,807	2,790
SD	1.88	1.86	1.60	21,620	40,176	27,280
TX	2.19	3.43	1.95	11,038	11,662	11,154
UT	2.05	2.10	1.95	1,292	1,361	1,299
WA	1.75	1.80	1.75	1,960	2,016	2,380
WV	2.20	2.30	2.05	462	345	410
WI	1.63	1.91	1.50	30,481	33,234	31,185
WY	1.85	2.00	1.90	3,907	3,392	3,477
US	1.67	1.96	1.60	280,547	319,067	289,148

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-52.—Oats: Area, yield, and production in specified countries, 1994/95–1996/97 [1]

Country and continent	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North America:									
Canada	1,490	1,203	1,684	2.44	2.38	2.59	3,638	2,858	4,361
Mexico	100	100	100	1.00	1.00	1.00	100	100	100
United States	1,623	1,199	1,087	2.05	1.96	2.07	3,324	2,352	2,253
Total	3,213	2,502	2,871	2.20	2.12	2.34	7,062	5,310	6,714
Argentina	275	275	250	1.27	1.27	1.26	350	350	315
Brazil	290	300	300	1.07	1.00	1.00	310	300	300
Chile	65	70	70	3.11	2.86	3.07	202	200	215
Colombia	3	3	3	1.33	1.33	1.33	4	4	4
Ecuador	1	1	1	1.00	1.00	1.00	1	1	1
Uruguay	32	89	90	1.00	0.35	0.33	32	31	30
Total	666	738	714	1.35	1.20	1.21	899	886	865
Europe:									
Austria	49	41	41	3.51	3.93	3.71	172	161	152
Belgium	13	9	8	4.23	4.22	4.00	55	38	32
Denmark	40	32	24	3.50	5.25	5.83	140	168	140
Finland	333	329	374	3.45	3.33	3.37	1,150	1,097	1,261
France	162	149	141	4.20	4.14	4.41	681	617	622
Germany	392	309	302	4.24	4.60	5.32	1,663	1,421	1,606
Greece	40	40	40	1.75	1.75	1.75	70	70	70
Ireland	18	18	18	6.11	5.56	6.11	110	100	110
Italy	144	135	142	2.47	2.23	2.49	355	301	353
Netherlands	6	3	2	4.67	5.33	5.50	28	16	11

See footnotes at end of table.

Table 1-52.—Oats: Area, yield, and production in specified countries, 1994/95–1996/97 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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, cont.:									
Portugal	80	73	68	0.81	0.79	0.97	65	58	66
Spain	346	300	410	1.16	0.72	1.59	402	216	650
Sweden	323	273	278	3.07	3.47	4.32	991	947	1,200
United Kingdom	110	110	96	4.35	5.59	6.2	479	615	595
Total EU	2,056	1,821	1,944	3.09	3.20	3.53	6,361	5,825	6,868
Norway	98	93	96	3.01	3.80	4.18	295	353	401
Switzerland	10	9	9	5.00	4.78	4.89	50	43	44
Total	108	102	105	3.19	3.88	4.24	345	396	445
Albania	20	20	20	1.25	1.25	1.25	25	25	25
Bulgaria	53	36	35	1.58	1.31	1.17	84	47	41
Czech Republic	68	60	64	3.28	3.12	3.13	223	187	200
Hungary	50	50	48	3.00	2.60	2.29	150	130	110
Poland	618	595	623	2.01	2.51	2.54	1,243	1,495	1,580
Romania	334	239	220	1.42	1.69	1.32	475	404	290
Slovakia	14	16	15	2.36	2.63	2.67	33	42	40
Yugoslavia	120	120	130	1.67	1.67	1.85	200	200	240
Total E. Europe	1,277	1,136	1,155	1.91	2.23	2.19	2,433	2,530	2,526
Fmr. Soviet Union:.									
Azerbaijan	2	2	2	1.50	1.50	1.50	3	3	3
Armenia	2	2	2	1.50	1.50	1.50	3	3	3
Byelarus	363	330	300	2.29	2.12	2.33	833	700	700
Estonia	35	39	48	1.66	2.05	2.08	58	80	100
Georgia	10	10	10	1.00	1.00	1.00	10	10	10
Kyrgyzstan	3	3	3	2.67	2.67	2.67	8	8	8
Kazakhstan	650	500	440	1.38	0.48	0.61	900	240	270
Latvia	55	45	56	1.62	1.67	2.11	89	75	118
Lithuania	55	50	50	1.25	1.30	2.00	69	65	100
Moldova	2	3	3	1.50	2.33	2.33	3	7	7
Russian Fed.	8,333	7,928	6,929	1.28	1.08	1.20	10,700	8,600	8,300
Tajikistan	3	3	3	1.00	1.00	1.00	3	3	3
Ukraine	603	560	530	2.30	1.99	1.32	1,385	1,116	700
Total	10,116	9,475	8,376	1.39	1.15	1.23	14,064	10,910	10,322
Algeria	1	100	100	1.00	0.50	1.00	1	50	100
Morocco	43	30	40	0.67	0.67	0.75	29	20	30
South Africa, Rep. of	700	698	675	0.05	0.05	0.05	37	38	34
Total	744	828	815	0.09	0.13	0.20	67	108	164
Asia:									
China, People's Republic	500	540	550	1.20	1.19	1.18	600	640	650
Japan	2	3	1	1.50	1.33	2.00	3	4	2
Turkey	150	150	145	2.00	1.83	1.72	300	275	250
Total	652	693	696	1.38	1.33	1.30	903	919	902
Oceania:									
Australia	897	1,136	1,084	1.03	1.65	1.54	924	1,875	1,672
New Zealand	20	20	20	3.75	3.75	3.75	75	75	75
Total	917	1,156	1,104	1.09	1.69	1.58	999	1,950	1,747
World total	19,749	18,451	17,780	1.68	1.56	1.72	33,133	28,834	30,553

[1] Years shown refer to years of harvest. 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 1994 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1994 and ends early in 1995. [2] Harvested area as far as possible. [3] Preliminary.

FAS Production Estimates and Crop Assessment Division, (202) 720–0888. 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 1-53.—Barley: Area, yield, production, and value, United States, 1988–97

Year	Area		Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	Planted [1]	Harvested				
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	9,831	7,636	38.0	289,994	2.80	775,229
1989	9,125	8,313	48.6	404,203	2.42	968,180
1990	8,221	7,529	56.1	422,196	2.14	911,545
1991	8,941	8,413	55.2	464,326	2.10	996,542
1992	7,762	7,285	62.5	455,090	2.04	946,463
1993	7,786	6,753	58.9	398,041	1.99	812,889
1994	7,159	6,667	56.2	374,862	2.03	783,709
1995	6,689	6,279	57.3	359,562	2.89	1,028,756
1996	7,144	6,767	58.5	395,751	2.74	1,091,463
1997 [2]	6,910	6,425	58.3	374,478	2.40	917,131

[1] Barley sown for all purposes, including barley sown in the preceding fall. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-54.—Barley: Stocks on and off farms, United States, 1988–97

Year beginning October	On farms				Off farms [1]			
	Sep. 1	Dec. 1	Mar. 1	June 1	Sep. 1	Dec. 1	Mar. 1	June 1
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1988	238,910	182,470	123,265	84,519	211,468	189,648	157,334	111,877
1989	254,350	186,440	102,825	48,590	163,598	164,168	149,870	112,226
1990	258,400	176,400	94,850	48,990	152,453	129,327	116,062	86,392
1991	271,000	196,300	102,000	45,140	168,952	132,087	113,890	83,457
1992	261,000	198,350	122,880	68,220	157,402	148,226	121,057	82,962
1993	277,600	194,150	116,475	63,870	125,102	139,277	107,807	74,988
1994	220,150	166,300	86,800	37,905	131,740	112,560	106,156	74,688
1995	198,900	121,400	58,825	25,600	113,624	121,110	119,107	73,993
1996	193,700	137,700	82,060	43,715	122,078	110,522	90,840	65,735
1997 [2]	196,500	135,700	NA	NA	131,347	109,460	NA	NA

[1] Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. [2] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-55.—Barley: Supply and disappearance, United States, 1987–96

Year beginning June 1	Supply				Disappearance					Ending stocks May 31		
					Domestic use							
	Beginning stocks	Production	Imports	Total	Feed and residual	Food, alcohol, and seed	Total	Exports	Total disappearance	Privately held [1]	Government	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*
1987	336	521	11	869	256	171	427	121	548	271	50	321
1988	321	290	11	622	175	171	346	79	425	166	30	196
1989	196	404	13	614	195	174	369	84	453	142	19	161
1990	161	422	13	596	206	174	380	81	461	127	8	135
1991	135	464	25	624	228	173	401	94	496	122	7	129
1992	129	455	11	595	191	173	364	80	444	146	5	151
1993	151	398	71	621	244	172	416	66	482	134	5	139
1994	139	375	66	580	228	173	401	66	467	108	5	113
1995	113	360	41	513	179	172	351	62	413	95	4	100
1996 [2]	100	396	37	532	220	172	392	31	423	109	0	109

[1] Includes quantity under loan and farmer–owned reserve. [2] Preliminary. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-56.—Barley: Area, yield, and production, by States, 1995–97

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	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*
AZ	25	55	70	21	54	67	90.0	105.0	102.0	1,890	5,670	6,834
CA	260	250	230	200	200	180	70.0	60.0	55.0	14,000	12,000	9,900
CO	110	100	95	100	92	90	100.0	108.0	112.0	10,000	9,936	10,080
DE	40	25	40	37	23	35	80.0	68.0	89.0	2,960	1,564	3,115
ID	780	750	780	760	730	760	80.0	73.0	79.0	60,800	53,290	60,040
KS	10	13	10	9	11	8	35.0	33.0	40.0	315	363	320
KY	18	22	16	15	20	14	70.0	74.0	75.0	1,050	1,480	1,050
MD	65	55	55	62	49	50	81.0	61.0	80.0	5,022	2,989	4,000
MI	25	28	26	23	25	24	50.0	48.0	60.0	1,150	1,200	1,440
MN	610	550	580	580	520	540	50.0	64.0	51.0	29,000	33,280	27,540
MT	1,300	1,300	1,300	1,200	1,200	1,200	52.0	43.0	53.0	62,400	51,600	63,600
NE	8	20	10	6	17	8	37.0	53.0	51.0	222	901	408
NV	6	6	5	4	5	4	80.0	95.0	105.0	320	475	420
NJ	5	3	5	5	3	4	65.0	60.0	75.0	325	180	300
NC	35	25	24	30	20	20	60.0	65.0	70.0	1,800	1,300	1,400
ND	2,300	2,650	2,400	2,250	2,600	2,250	45.0	55.0	45.0	101,250	143,000	101,250
OK	6	6	10	5	3	8	34.0	23.0	42.0	170	69	336
OR	105	160	130	95	150	120	76.0	64.0	69.0	7,220	9,600	8,280
PA	80	80	80	75	75	75	69.0	67.0	68.0	5,175	5,025	5,100
SC	6	5	4	5	4	3	42.0	50.0	60.0	210	200	180
SD	180	160	145	160	145	130	38.0	44.0	38.0	6,080	6,380	4,940
TX	15	16	10	7	11	5	46.0	34.0	47.0	322	374	235
UT	100	110	100	93	100	95	90.0	82.0	86.0	8,370	8,200	8,170
VA	100	90	80	80	75	65	84.0	68.0	85.0	6,720	5,100	5,525
WA	300	450	500	290	440	490	72.0	62.0	76.0	20,880	27,280	37,240
WI	100	90	80	72	75	65	48.0	53.0	55.0	3,456	3,975	3,575
WY	100	125	125	95	120	115	89.0	86.0	80.0	8,455	10,320	9,200
US	6,689	7,144	6,910	6,279	6,767	6,425	57.3	58.5	58.3	359,562	395,751	374,478

[1] Relates to the total area of barley sown for all purposes, including barley sown in the preceding fall. [2] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 1-57.—Barley: Marketing year average price and value, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per bushel			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AZ	2.95	3.55	3.05	5,576	20,129	20,844
CA	3.28	3.69	2.90	45,920	44,280	28,710
CO	2.95	3.05	3.05	29,500	30,305	30,744
DE	1.70	2.98	1.95	5,032	4,661	6,074
ID	3.05	3.14	2.90	185,440	167,331	174,116
KS	2.11	3.15	2.65	665	1,143	848
KY	2.01	2.81	2.10	2,111	4,159	2,205
MD	1.80	3.12	2.05	9,040	9,326	8,200
MI	2.65	2.40	1.90	3,048	2,880	2,736
MN	2.55	2.38	1.95	73,950	79,206	53,703
MT	3.00	3.07	2.85	187,200	158,412	181,260
NE	2.15	2.15	2.20	477	1,937	898
NV	3.15	3.00	2.85	1,008	1,425	1,197
NJ	1.85	2.55	1.90	601	459	570
NC	2.05	2.60	2.10	3,690	3,380	2,940
ND	2.92	2.42	2.00	295,650	346,060	202,500
OK	2.20	3.20	2.15	374	221	722
OR	3.08	2.72	2.45	22,238	26,112	20,286
PA	2.00	3.14	2.05	10,350	15,779	10,455
SC	2.00	3.30	2.10	420	660	378
SD	2.79	2.58	2.25	16,963	16,460	11,115
TX	2.80	3.75	2.30	902	1,403	541
UT	3.08	2.93	2.30	25,780	24,026	18,791
VA	1.75	2.90	2.30	11,760	14,790	12,708
WA	2.84	2.64	2.35	59,299	72,019	87,514
WI	1.90	2.65	1.75	6,566	10,534	6,256
WY	2.98	3.33	3.35	25,196	34,366	30,820
US	2.89	2.74	2.40	1,028,756	1,091,463	917,131

[1] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 1-58.—Barley: Area, yield, and production in specified countries, 1994/95–1996/97 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North America:									
Canada	4,092	4,365	4,888	2.86	2.99	3.18	11,690	13,035	15,562
Mexico	250	200	200	2.00	2.00	2.00	500	400	400
United States	2,698	2,541	2,739	3.03	3.08	3.15	8,162	7,829	8,616
Total	7,040	7,106	7,827	2.89	2.99	3.14	20,352	21,264	24,578
South America:									
Argentina	140	218	190	2.50	1.77	2.05	350	385	390
Bolivia	140	90	85	0.86	0.67	0.76	120	60	65
Brazil	60	60	100	1.83	1.67	1.75	110	100	175
Chile	25	25	28	3.52	3.60	3.75	88	90	105
Colombia	50	24	20	2.00	1.88	2.00	100	45	40
Ecuador	35	35	35	1.00	0.86	1.00	35	30	35
Peru	100	90	100	1.10	1.11	1.00	110	100	100
Uruguay	83	140	145	2.35	2.39	2.59	195	335	375
Total	633	682	703	1.75	1.68	1.83	1,108	1,145	1,285
Europe:									
Austria	253	229	260	4.68	4.65	4.17	1,184	1,065	1,083
Belgium-Luxembourg	71	68	70	5.72	6.28	5.71	406	427	400
Denmark	705	716	790	4.89	5.40	5.30	3,446	3,864	4,190
Finland	505	516	543	3.68	3.42	3.61	1,858	1,764	1,959
France	1,405	1,393	1,527	5.44	5.56	6.25	7,646	7,739	9,540
Germany	2,070	2,109	2,208	5.27	5.64	5.47	10,902	11,891	12,074
Greece	150	155	148	2.67	2.65	2.60	400	410	385
Ireland	170	181	184	5.01	5.99	6.39	852	1,084	1,175
Italy	392	381	351	3.74	3.64	3.74	1,467	1,387	1,313
Netherlands	43	36	36	5.30	5.64	6.53	228	203	235
Portugal	53	51	41	1.81	1.04	1.41	96	53	58
Spain	3,602	3,300	3,530	2.11	1.58	2.72	7,596	5,200	9,600
Sweden	449	445	459	3.70	4.03	4.60	1,661	1,793	2,113
United Kingdom	1,106	1,192	1,267	5.38	5.73	6.14	5,945	6,833	7,780
Total	10,974	10,772	11,414	3.98	4.06	4.55	43,687	43,713	51,905
Norway	179	175	175	2.85	3.29	3.83	510	575	670
Switzerland	55	55	55	5.18	5.51	6.58	285	303	362
Total W. Europe	234	230	230	3.40	3.82	4.49	795	878	1,032
Albania	10	10	10	3.00	3.00	3.00	30	30	30
Bulgaria	389	400	290	2.94	3.25	1.72	1,143	1,300	500
Czech Republic	680	558	600	3.80	3.84	3.83	2,584	2,140	2,300
Hungary	423	393	326	3.66	3.58	2.85	1,550	1,408	930
Poland	1,032	1,048	1,118	2.60	3.13	3.06	2,686	3,279	3,418
Romania	760	570	500	2.12	2.98	2.22	1,610	1,700	1,110
Slovakia	240	234	230	3.72	3.39	3.13	893	794	720
Yugoslavia	200	200	230	2.50	3.00	3.04	500	600	700
Total E. Europe	3,734	3,413	3,304	2.94	3.30	2.94	10,996	11,251	9,708

See footnotes at end of table.

Table 1-58.—Barley: Area, yield, and production in specified countries, 1994/95–1996/97 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
Fmr. Soviet Union:									
Azerbaijan	180	245	200	1.83	1.63	1.75	330	400	350
Armenia	65	65	65	1.31	1.38	1.38	85	90	90
Byelarus	1,143	1,000	950	2.64	2.30	2.63	3,013	2,300	2,500
Estonia	218	187	147	1.56	1.49	1.86	340	279	273
Georgia	35	35	35	1.71	1.71	1.14	60	60	40
Kyrgyzstan	210	135	125	1.48	1.28	1.40	310	173	175
Kazakhstan	6,053	4,794	3,600	0.84	0.45	0.75	5,100	2,178	2,700
Latvia	264	203	191	1.82	1.39	2.17	481	283	414
Lithuania	620	545	475	1.76	1.65	2.47	1,091	900	1,175
Moldova	90	90	90	2.78	3.11	1.31	250	280	118
Russian Fed.	16,404	14,710	11,853	1.65	1.07	1.34	27,000	15,800	15,900
Tajikistan	40	40	20	0.83	0.83	1.00	33	33	20
Turkmenistan	72	70	60	1.53	1.71	1.67	110	120	100
Ukraine	5,092	4,413	3,750	2.85	2.18	1.52	14,508	9,633	5,700
Uzbekistan	280	275	200	1.38	1.22	1.05	385	335	210
Total	30,766	26,807	21,761	1.73	1.23	1.37	53,096	32,864	29,765
Africa:									
Algeria	360	800	1,000	0.67	0.68	1.30	240	540	1,300
Egypt	55	50	55	3.09	3.00	3.09	170	150	170
Ethiopia	1,250	1,150	1,450	1.10	1.26	1.10	1,375	1,450	1,600
Kenya	85	85	85	1.06	1.06	1.06	90	90	90
Libya	290	280	280	0.31	0.29	0.36	90	80	100
Morocco	2,582	1,300	2,430	1.44	0.46	1.56	3,720	600	3,800
South Africa, Rep. of	120	125	127	2.29	2.40	1.39	275	300	176
Tunisia	250	200	700	0.58	4.18	1.21	145	835	850
Zimbabwe	4	5	5	1.50	1.20	3.00	6	6	15
Total	4,996	3,995	6,132	1.22	1.01	1.32	6,111	4,051	8,101
Asia:									
Afghanistan	250	225	220	0.92	0.89	0.82	230	200	180
Bangladesh	7	7	7	0.71	0.71	0.71	5	5	5
Bhutan	5	5	5	1.00	1.00	1.00	5	5	5
China, Peoples Rep. of	1,395	1,283	1,300	3.16	3.19	3.08	4,411	4,089	4,000
Cyprus	60	55	60	2.50	2.36	2.00	150	130	120
India	785	890	880	1.67	1.94	1.88	1,310	1,730	1,650
Iran	2,600	2,500	2,400	1.42	1.32	1.29	3,700	3,300	3,100
Iraq	1,350	1,350	1,300	0.96	0.96	0.92	1,300	1,300	1,200
Israel	14	14	12	0.50	0.50	0.50	7	7	6
Japan	62	59	57	3.63	3.69	4.09	225	218	233
Jordan	62	84	52	0.55	0.68	0.87	34	57	45
Korea, Rep. of	100	100	100	3.90	4.00	4.00	390	400	400
Lebanon	5	5	5	1.20	1.20	1.20	6	6	6
Nepal	30	30	35	0.90	0.83	1.00	27	25	35
Pakistan	151	155	155	0.97	0.97	0.97	146	150	150
Saudi Arabia	317	188	71	6.39	6.38	6.34	2,025	1,200	450
Syria	1,900	1,963	1,559	0.78	0.87	0.96	1,480	1,705	1,500
Turkey	3,500	3,550	3,650	1.86	1.94	1.97	6,500	6,900	7,200
Yemen	49	49	50	1.29	0.59	1.30	63	29	65
Total	12,642	12,512	11,918	1.74	1.71	1.71	22,014	21,456	20,350
Oceania:									
Australia	2,470	3,111	3,272	1.18	1.87	2.03	2,913	5,823	6,632
New Zealand	77	68	78	5.13	4.41	4.94	395	300	385
Total	2,547	3,179	3,350	1.30	1.93	2.09	3,308	6,123	7,017
World total	73,567	68,697	66,640	2.19	2.08	2.31	161,469	142,747	153,743

[1] Years shown refer to year of harvest. 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 1994 is combined with estimates of the Southern Hemisphere harvests, which begin late in 1994 and end early in 1995. [2] Harvested area as far as possible. [3] Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. 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 1-59.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1987–96

Calendar year[1]	Wheat			Rye		Rice (milled)	
	Total consumed[2]	Per capita consumption of food products		Total consumed[2]	Per capita consumption of rye flour	Total consumed[4]	Per capita consumption
		Flour[3]	Cereal				
	Million bushels	*Pounds*	*Pounds*	*Million bushels*	*Pounds*	*Million cwt.*	*Pounds*
1987	723	130	3.7	3.5	0.6	38.4	15.8
1988	737	132	3.8	3.5	0.6	41.0	16.7
1989	727	129	4.0	3.5	0.6	43.6	17.6
1990	773	136	4.3	3.5	0.6	45.9	18.3
1991	791	137	4.5	3.5	0.6	47.3	18.7
1992	817	139	4.8	3.5	0.6	48.3	18.8
1993	853	140	4.9	3.3	0.6	53.0	20.4
1994	871	143	5.1	3.6	0.6	54.8	20.9
1995	858	140	5.4	3.2	0.6	55.2	20.9
1996[9]	896	146	5.4	3.5	0.6	56.2	21.1

Calendar year[1]	Corn						Oats		Barley	
	Total consumed[5]	Per capita consumption of food products					Total consumed[6]	Per capita consumption of oat food products	Total consumed[7]	Per capita consumption of food products[8]
		Flour and meal	Hominy and grits	Syrup	Sugar	Starch				
	Million bushels	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Million bushels*	*Pounds*	*Million bushels*	*Pounds*
1987	678	14.0	3.4	64.1	3.6	4.3	49.8	4.4	7.4	0.9
1988	692	14.3	3.3	65.6	3.7	4.1	72.7	6.4	7.1	0.9
1989	714	14.6	3.1	65.3	3.8	4.1	74.0	6.4	6.7	0.8
1990	736	14.9	3.0	67.3	3.8	4.0	75.3	6.5	6.4	0.8
1991	763	15.2	2.8	72.0	3.9	4.0	76.6	6.5	6.0	0.7
1992	791	15.5	2.6	74.4	3.9	4.0	77.4	6.5	6.1	0.7
1993	831	15.7	2.6	77.8	3.9	4.0	78.3	6.5	6.2	0.7
1994	862	15.8	2.6	80.3	3.9	4.1	79.2	6.5	6.3	0.7
1995	885	16.0	2.6	77.3	4.0	4.1	80.0	6.5	6.4	0.7
1996[9]	918	16.2	2.6	84.0	4.0	4.1	81.4	6.6	6.5	0.7

[1] Data are in marketing year; for corn, September 1-August 31; for oats, barley, wheat, and rye, June 1-May 31; and rice, August 1-July 31. Syrup and sugar are in calendar year. [2] Excludes quantities used in alcoholic beverages. [3] Includes white, whole wheat, and semolina flour. [4] Excludes rice used in alcoholic beverages. Includes imports and rice used in processed foods and pet foods. [5] Includes an allowance for the quantity used as hominy and grits. This series is not adjusted for trade. [6] Oats used in oatmeal, prepared breakfast foods, infant foods, and food products. [7] Malt for food, breakfast food uses, pearl barley, and flour. [8] Malt equivalent of barley food products. [9] Preliminary. Estimates of corn syrup and sugar are unofficial estimates; industry data were not reported after April 1968.

ERS, Market & Trade Economics Division, (202) 694-5308. 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 1-60.—Barley: Support operations, United States, 1988–97

Marketing year beginning June 1	Income support payment rates per bushel[1]	Program price levels per bushel		Put under support[4]			Owned by CCC at end of marketing year
		Loan[2]	Target[3]	Quantity	Percentage of production	Acquired by CCC under loan program[5]	
	Dollars	*Dollars*	*Dollars*	*Million bushels*	*Percent*	*Million bushels*	*Million bushels*
1988/89	0.00	1.44	2.51	21.9	7.6	10.3	30.4
1989/90	0.00	1.34	2.43	24.0	5.9	16.1	19.3
1990/91	0.50	1.28	2.36	33.8	8.0	0.4	8.4
1991/92	0.62	1.32	2.36	38.0	8.2	([6])	6.5
1992/93	0.56	1.40	2.36	42.9	9.4	0.0	5.4
1993/94	0.67	1.40	2.36	37.7	9.5	0.0	5.2
1994/95	0.52	1.54	2.36	28.2	7.5	0.0	5.0
1995/96	0.00	1.54	2.36	18.0	5.0	0.0	4.2
1996/97	0.332	1.55	NA	28.7	7.2	0.0	0.0
1997/98	0.277	1.57	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior corps years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement Act of 1996 (1996 Act). PFC payment rates are rounded to the nearest tenth of a cent. [2] The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. [3] Beginning with the 1996/97 marketing year, target prices are no longer applicable. [4] Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. [5] Acquisition of all loans forfeited during the marketing year including loans made in previous year. [6] Less than 50,000 bushels. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720–4417.

Table 1-61.—Sorghum: Area, yield, production, and value, United States, 1988–97

Year	Area planted for all purposes [1]	Sorghum for grain [2]					Sorghum for silage		
		Area harvested	Yield per harvested acre	Production	Marketing year average price per bushel [3]	Value of production [3]	Area harvested	Yield per harvested acre	Production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*	*1,000 acres*	*Tons*	*1,000 tons*
1988	10,343	9,042	63.8	576,686	2.27	1,337,424	518	10.1	5,252
1989	12,642	11,103	55.4	615,420	2.10	1,287,739	541	10.4	5,647
1990	10,535	9,089	63.1	573,303	2.12	1,220,501	527	10.2	5,377
1991	11,064	9,870	59.3	584,860	2.25	1,338,580	483	10.0	4,846
1992	13,177	12,050	72.6	875,022	1.89	1,667,194	453	12.1	5,468
1993	9,882	8,916	59.9	534,172	2.31	1,234,500	351	11.2	3,914
1994	9,827	8,917	72.8	649,206	2.13	1,323,801	329	12.0	3,932
1995	9,454	8,278	55.6	460,373	3.19	1,395,413	368	9.9	3,652
1996	13,188	11,901	67.5	802,974	2.34	2,004,154	371	11.7	4,356
1997 [4]	10,108	9,391	69.5	653,106	2.25	1,455,717	310	12.5	3,885

[1] Grain and sweet sorghum for all uses, including sirup. [2] Includes both grain sorghum for grain, and sweet sorghum for grain or seed. [3] Based on the reported price of grain sorghum. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-62.—Sorghum grain: Stocks on and off farms, United States, 1989–98

Year	On farms				Off farms [1]			
	Jan. 1	Apr. 1	Jun. 1	Oct. 1 [2]	Jan. 1	Apr. 1	Jun. 1	Oct. 1 [2]
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1989	([3])	([3])	85,200	47,800	([3])	([3])	473,768	391,712

Year beginning previous Dec.	On farms				Off farms			
	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 1
1990	.....	88,050	44,500	30,300	.....	425,549	290,484	189,459
1991	140,000	73,780	43,750	22,150	372,340	259,099	178,250	120,435
1992	110,200	54,960	34,140	18,840	340,262	196,286	76,247	34,352
1993	209,650	111,320	58,465	35,420	394,667	323,088	206,348	139,594
1994	105,950	59,770	32,075	16,155	340,198	216,462	96,035	31,416
1995	126,650	74,620	44,570	17,842	295,809	206,312	114,212	53,772
1996	79,090	33,000	13,955	5,500	222,186	129,566	56,433	12,871
1997	144,590	76,980	38,815	15,487	322,767	197,294	80,329	31,974
1998	96,625	NA	NA	NA	273,834	NA	NA	NA

[1] Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. [2] Old crop only. [3] Per program modification estimates available only for June 1 and September 1. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-63.—Sorghum: Supply and disappearance, United States, 1987–96

Year beginning September 1	Supply			Disappearance					Ending stocks Aug. 31		
				Domestic use							
	Beginning stocks	Production	Total [1]	Feed and residual	Food, alcohol, and seed	Total	Exports	Total disappearance	Privately held [2]	Government	Total
	Million bushels	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*	*Million bushels*
1987	743	731	1,474	561	19	580	232	811	199	464	663
1988	663	577	1,239	471	18	488	311	800	99	341	440
1989	440	615	1,055	522	11	532	303	835	57	163	220
1990	220	573	793	412	7	418	232	651	78	65	143
1991	143	585	727	377	5	383	292	674	45	8	53
1992	53	875	928	471	5	476	277	753	171	4	175
1993	175	534	709	456	4	460	202	662	47	1	48
1994	48	649	697	400	3	402	223	625	71	1	72
1995	72	460	532	305	11	316	198	514	18	0	18
1996 [3]	18	803	821	529	40	569	205	774	47	0	47

[1] Includes imports. [2] Includes quantity under loan and farmer–owned reserve. [3] Preliminary. Totals may not add due to independent rounding.

ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-64.—Sorghum: Area, yield, and production, by States, 1995–97

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
	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*
AL	12	14	12	8	10	8	40.0	55.0	50.0	320	550	400
AR	200	230	160	185	220	150	71.0	74.0	74.0	13,135	16,280	11,100
CO	200	290	180	165	260	140	28.0	51.0	40.0	4,620	13,260	5,600
GA	55	65	65	30	40	40	37.0	41.0	40.0	1,110	1,640	1,600
IL	180	230	160	170	220	155	69.0	84.0	91.0	11,730	18,480	14,105
KS	3,300	4,800	3,650	3,100	4,600	3,500	56.0	77.0	78.0	173,600	354,200	273,000
KY	25	26	15	22	23	12	84.0	92.0	75.0	1,848	2,116	900
LA	87	155	100	84	153	98	70.0	76.0	77.0	5,880	11,628	7,546
MS	45	75	35	41	72	33	65.0	70.0	75.0	2,665	5,040	2,475
MO	520	600	450	490	580	440	73.0	91.0	93.0	35,770	52,780	40,920
NE	1,250	1,250	900	980	1,030	750	58.0	95.0	82.0	56,840	97,850	61,500
NM	230	250	245	130	225	235	26.0	33.0	44.0	3,380	7,425	10,340
NC	15	19	20	10	10	11	65.0	57.0	50.0	650	570	550
OK	350	520	520	320	490	490	40.0	59.0	50.0	12,800	28,910	24,500
SC	15	10	6	8	5	4	40.0	50.0	40.0	320	250	160
SD	250	230	270	120	145	160	40.0	55.0	71.0	4,800	7,975	11,360
TN	20	24	20	15	18	15	87.0	90.0	80.0	1,305	1,620	1,200
TX	2,700	4,400	3,300	2,400	3,800	3,150	54.0	48.0	59.0	129,600	182,400	185,850
US	9,454	13,188	10,108	8,278	11,901	9,391	55.6	67.5	69.5	460,373	802,974	653,106

NASS, Crops Branch, (202) 720–2127.

Table 1-65.—Sorghum: Utilization for silage, by States, 1995–97

State	Silage								
	Area harvested			Yield per acre			Production		
	1995	1996	1997	1995	1996	1997	1995	1996	1997
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	3	3	3	8.0	10.0	10.0	24	30	30
AR	5	5	5	7.0	7.0	7.0	35	35	35
CO	13	12	18	13.0	13.0	13.0	169	156	234
GA	20	20	15	12.0	10.0	10.0	240	200	150
IL	2	1	1	9.0	11.0	12.0	18	11	12
KS	80	120	80	10.0	14.0	16.0	800	1,680	1,280
KY	1	1	1	11.0	14.0	11.0	11	14	11
MS	3	2	2	12.0	8.0	8.0	36	16	16
MO	15	10	7	8.0	8.0	8.0	120	80	56
NE	60	60	60	10.0	13.5	10.5	600	810	630
NM	3	6	7	12.0	12.0	17.0	36	72	119
NC	3	4	4	12.0	8.0	10.0	36	32	40
OK	7	8	12	6.0	15.0	12.0	42	120	144
SC	5	4	2	15.0	10.0	15.0	75	40	30
SD	100	60	60	7.5	7.5	10.5	750	450	630
TN	3	5	3	10.0	12.0	16.0	30	60	48
TX	45	50	30	14.0	11.0	14.0	630	550	420
US	368	371	310	9.9	11.7	12.5	3,652	4,356	3,885

NASS, Crops Branch, (202) 720–2127.

Table 1-66.—Sorghum grain: Marketing year average price and value, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per bushel			Value of production		
	1995	1996	1997	1995	1996	1997
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	2.86	2.74	2.20	915	1,507	880
AR	2.91	2.95	2.60	38,223	48,026	28,860
CO	3.14	2.27	2.25	14,507	30,100	12,600
GA	3.24	2.58	2.65	3,596	4,231	4,240
IL	3.27	2.30	2.40	38,357	42,504	33,852
KS	3.10	2.28	2.15	538,160	807,576	586,950
KY	3.47	2.53	2.60	6,413	5,353	2,340
LA	2.80	2.91	2.45	16,464	33,837	18,488
MS	2.69	2.97	2.55	7,169	14,969	6,311
MO	3.10	2.37	2.15	110,887	125,089	87,978
NE	3.03	2.34	2.25	172,225	228,969	138,375
NM	3.23	2.58	2.50	10,917	19,157	25,850
NC	2.80	2.97	2.60	1,820	1,693	1,430
OK	3.18	2.39	2.20	40,704	69,095	53,900
SC	2.94	3.00	2.30	941	750	368
SD	2.97	2.03	2.00	14,256	16,189	22,720
TN	3.08	2.63	2.60	4,019	4,261	3,120
TX	2.90	3.02	2.30	375,840	550,848	427,455
US	3.19	2.34	2.25	1,395,413	2,004,154	1,455,717

NASS, Crops Branch, (202) 720–2127.

Table 1-67.—Sorghum grain: Support operations, United States, 1988–97

Marketing year beginning September 1	Income support payment rates per cwt [1]	Program price levels per cwt		Put under support [4]		Acquired by CCC under loan program [5]	Owned by CCC at end of marketing year
		Loan [2]	Target [3]	Quantity	Percentage of production		
	Dollars	*Dollars*	*Dollars*	*Million cwt.*	*Percent*	*Million cwt.*	*Million cwt.*
1988/89	0.86	3.00	4.96	22.7	7.0	17.0	190.9
1989/90	1.18	2.80	4.82	11.7	3.4	10.1	91.0
1990/91	1.00	2.66	4.66	12.1	3.8	5.0	36.2
1991/92	0.66	2.75	4.66	9.5	2.9	5.4	4.6
1992/93	1.29	2.91	4.66	27.2	5.6	0.0	2.2
1993/94	0.45	2.91	4.66	8.2	2.7	0.0	1.4
1994/95	1.05	3.21	4.66	25.2	6.9	0.0	0.4
1995/96	0.00	3.21	4.66	4.0	1.6	0.0	0.0
1996/97	0.577	3.23	NA	11.4	2.5	0.0	0.0
1997/98	0.971	3.14	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior corps years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement Act of 1996 (1996 Act). PFC payment rates are rounded to the nearest tenth of a cent. [2] The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. [3] Beginning with the 1996/97 marketing year, target prices are no longer applicable. [4] Represents loans made, purchases, and purchase agreements entered into. Purchases and purchase agreements are no longer authorized for the 1996 and subsequent crops following enactment of the 1996 Act. Percentage of production is on a grain basis. [5] Acquisition of all loans forfeited during the marketing year including loans made in previous year. NA-not applicable.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720–4417.

Table 1-68.—Feed grains: United States exports under specified Government programs, 1986–95

Year [1]	Public Law 480				Title III [6]	Food for Progress [7]	Foreign donations Section 416(b) [8]	Mutual security (AID) [9]	Total specified Government programs
	Title I sales		Title II donations						
	Sales for foreign currency [2]	Long-term dollar and convertible foreign currency credit sales [3]	Government-to-government and World Food Program [4]	Voluntary relief agencies [5]					
	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
1986	.....	333	39	14	.....	.....	38	420	844
1987	8	253	145	20	.....	.....	888	25	1,339
1988	.....	133	131	21	.....	.....	743	231	1,259
1989	13	364	234	51	.....	.....	1,707	555	2,924
1990	19	160	308	32	.....	.....	1,307	418	2,244
1991	.....	249	169	62	394	4	833	.....	1,711
1992	.....	1,013	50	146	48	952	1,297	1,483	4,989
1993	.....	2,610	198	154	175	.....	375	.....	3,512
1994 [10]	.....	67	381	166	88	4	.....	NA	706
1995 [10]	.....	.....	163	41	76	31	.....	NA	311

[1] Year beginning Oct. 1. [2] Authorized by Title I, P.L. 480. [3] Shipments under agreements, authorized by Title I, P.L. 480, as amended by P.L. 89-808. [4] Authorized by Title II, P.L. 480. [5] Authorized by Title II, P.L. 480, as amended by P.L. 89-808, effective Jan. 1, 1967. [6] Shipment under this title represents grants to least-developed countries. Prior to fiscal year 1991, shipments under Titles I and III were reported together. [7] This program is used to support countries that have made commitments to introduce or expand free enterprise elements in their agricultural economy. [8] Section 416(b) of the Agricultural Act of 1949, as amended. [9] Foreign Assistance Act of 1961, as amended. [10] Preliminary. NA-not available.

ERS, Market and Trade Economics Division, (202) 694–5266.

Table 1-69.—Commercial feeds: Disappearance for feed, United States, 1987–96

Year beginning October	Oilseed cake and meal						Animal protein			
	Soybean	Cottonseed	Linseed	Peanut [1]	Sunflower	Total	Tankage and meat meal	Fish meal	Dried milk [2]	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*
1987	21,323	2,582	140	120	419	24,584	2,709	389	453	3,551
1988	19,496	2,547	102	162	329	22,636	2,567	292	446	3,305
1989	22,291	2,265	139	124	299	25,118	2,557	357	461	3,375
1990	22,934	2,662	124	113	337	26,170	2,527	275	458	3,260
1991	23,008	3,115	127	172	496	26,918	2,541	257	470	3,268
1992	24,251	2,571	137	178	442	27,579	2,372	528	464	3,364
1993	25,283	2,638	113	113	321	28,468	2,446	719	470	3,636
1994	26,542	3,268	105	193	623	30,731	2,551	334	463	3,349
1995	26,611	2,960	115	181	478	30,345	2,536	290	419	3,245
1996 [3]	27,322	3,103	109	141	462	31,137	2,783	291	370	3,445

Year beginning October	Mill products [4]					Total commercial feeds
	Wheat millfeeds	Gluten feed and meal [5]	Rice millfeeds	Alfalfa meal	Total	
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
1987	6,230	1,636	608	610	9,084	37,219
1988	6,302	1,421	678	403	8,803	34,744
1989	6,191	199	613	331	7,333	35,827
1990	6,600	18	612	367	7,597	37,027
1991	6,846	602	584	292	8,324	38,510
1992	6,965	595	604	309	8,473	39,416
1993	7,436	912	648	134	9,130	41,233
1994	7,265	139	658	209	8,272	42,352
1995	7,276	881	586	255	8,998	42,588
1996 [3]	7,276	1,833	545	248	9,903	44,485

[1] Year beginning August 1. [2] Includes dried skim milk, and whey for feed, but does not include any milk products fed on farms. Beginning 1974, not comparable with earlier years. [3] Preliminary. [4] Other mill products that are not listed include screenings, hominy, and oats feed etc., for which no statistics are available. [5] Adjusted for export data.

ERS, Market and Trade Economics Division, (202) 694–5290.

Table 1-70.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1987–96

Year beginning October	Quantity for feeding [1]						High-protein animal units	Quantity per animal unit	High protein feed prices
	Oilseed meal			Animal protein	Grain protein [3]	Total			
	Soybean meal	Other oilseed meals [2]	Total						
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Million units*	*Pounds*	*Index numbers 1992=100*
1987	23,455	3,011	26,466	3,889	974	31,330	112.9	555	114
1988	21,446	2,912	24,358	3,595	846	28,799	114.7	502	125
1989	24,520	2,613	27,133	3,669	118	30,920	117.2	528	94
1990	25,227	2,993	28,221	3,529	11	31,760	120.7	526	90
1991	25,309	3,619	28,928	3,527	359	32,813	123.5	531	95
1992	26,676	3,078	29,754	3,661	354	33,770	126.1	535	97
1993	27,811	2,948	30,759	3,991	543	35,293	128.4	550	96
1994	29,196	3,879	33,075	3,634	83	36,792	130.7	563	81
1995	29,272	3,458	32,730	3,547	524	36,801	132.3	556	114
1996	30,054	3,532	33,586	3,831	1,092	38,509	132.9	579	136

[1] In terms of 44 percent protein soybean meal equivalent. [2] Includes cottonseed, linseed, peanut meal, and sunflower meal. [3] Beginning 1974, adjusted for exports of corn gluten feed and meal.

ERS, Market and Trade Economics Division (202)694–5290.

Table 1-71.—Feed concentrates fed to livestock and poultry, 1987–96

Year beginning October	Feed grains				Wheat [1]	Rye [2]	By-product feeds [3]	Total concentrates	Grain consuming animal units	Concentrates fed per grain-consuming animal unit
	Corn [1]	Sorghum [1]	Oats [1] and barley [1]	Total						
	Million tons	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Millions*	*Tons*
1987	134.1	15.7	11.6	161.4	6.3	0.3	44.2	212.2	76.7	2.76
1988	110.2	13.2	8.4	131.8	4.0	0.3	40.6	176.6	76.8	2.30
1989	122.7	14.6	9.8	147.1	8.2	0.2	42.4	198.0	77.4	2.56
1990	129.1	11.5	9.7	150.4	13.3	0.2	43.9	207.7	80.1	2.59
1991	134.3	10.6	9.6	154.5	6.9	0.2	45.3	207.0	80.7	2.56
1992	147.1	13.2	8.4	168.7	4.3	0.2	46.7	219.8	82.7	2.66
1993	131.1	12.8	10.2	154.1	10.6	0.2	48.3	213.1	84.0	2.54
1994	154.6	11.2	8.5	174.3	8.2	0.2	50.0	232.8	84.3	2.76
1995	131.1	8.5	7.3	146.9	7.0	0.2	49.3	203.4	85.0	2.39
1996	150.1	14.8	6.9	171.8	9.8	0.1	52.2	234.0	85.2	2.74

[1] Marketing year beginning Sept. 1. [2] Marketing year beginning June 1. [3] Oilseed meals, animal protein feeds, mill byproducts, and mineral supplements.

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Table 1-72.—Feed consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1987–96

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle per head	Cattle on feed per head Jan. 1 [1]	Other beef cattle per head	All beef cattle per head	Cattle and calves per 100 pounds produced [2]	Per head	Per 100 pounds produced [3]
	Per head	Per 100 pounds milk produced							
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	13,101	93	6,561	9,943	5,320	5,964	1,321	1,278	1,712
1988	12,126	85	6,397	8,516	5,269	5,719	1,254	1,260	1,667
1989	12,690	87	6,492	9,342	5,298	5,874	1,304	1,271	1,603
1990	12,765	86	6,504	9,451	5,302	5,943	1,316	1,272	1,636
1991	12,709	82	6,495	9,369	5,299	5,880	1,305	1,271	1,553
1992	12,890	82	6,525	9,634	5,309	5,957	1,331	1,275	1,568
1993	12,688	79	6,491	9,338	5,298	5,901	1,326	1,271	1,611
1994	13,149	80	6,569	10,013	5,322	5,977	1,330	1,279	1,627
1995	12,407	76	6,444	8,928	5,284	5,809	1,285	1,266	1,615
1996 [4]	13,140	78	6,567	9,999	5,322	6,025	1,346	1,279	1,646

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*	*Pounds*
1987	131	52	31	649	11.6	278	97	480	678	3,870
1988	111	43	26	598	9.7	235	83	420	562	3,680
1989	122	49	29	788	10.8	260	91	462	591	3,790
1990	124	50	30	795	10.9	260	91	462	625	3,804
1991	123	49	29	794	10.8	252	91	431	618	3,794
1992	127	51	30	824	11.2	256	94	426	604	3,829
1993	122	49	29	795	10.8	244	91	406	598	3,789
1994	132	53	31	827	11.7	260	98	436	630	3,879
1995	117	46	28	816	10.2	225	87	385	544	3,735
1996 [4]	132	52	31	969	11.5	241	97	407	626	3,878

[1] Feed consumed by all cattle divided by the number on feed Jan. 1. [2] 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. [3] Including wool produced. [4] Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5296.

Table 1-73.—Feed consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1987–96

Year beginning October	Concentrates	Harvested roughage	Pasture	Total	Year beginning October	Concentrates	Harvested roughage	Pasture	Total
	Million tons	*Million tons*	*Million tons*	*Million tons*		*Million tons*	*Million tons*	*Million tons*	*Million tons*
1987	222	81	179	482	1992	231	83	173	487
1988	186	72	181	440	1993	226	77	183	486
1989	209	74	177	459	1994	246	80	184	511
1990	219	79	171	469	1995	218	79	185	483
1991	218	79	175	472	1996 [1]	248	79	180	507

[1] Preliminary.

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Table 1-74.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1987–96 [1]

Year beginning October	Grain-consuming [2]	Roughage-consuming [3]	Grain and roughage-consuming [4]	Year beginning October	Grain-consuming [2]	Roughage-consuming [3]	Grain and roughage-consuming [4]
	1,000 units	*1,000 units*	*1,000 units*		*1,000 units*	*1,000 units*	*1,000 units*
1987	76,750	76,318	76,096	1992	82,711	75,250	77,663
1988	76,806	74,468	74,970	1993	83,970	76,348	78,803
1989	77,350	73,699	74,692	1994	84,317	77,873	79,869
1990	80,075	73,490	75,605	1995	85,025	77,921	80,155
1991	80,685	74,665	76,538	1996 [5]	85,206	75,860	78,968

[1] 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 NASS, USDA. [2] Livestock and poultry numbers weighted by all concentrates consumed. [3] Livestock and poultry numbers weighted by all roughage (including pasture) consumed. [4] Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock. [5] Preliminary.

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Table 1-75.—Feed grains: Average price, selected markets and grades, 1988–97 [1]

Crop year [2]	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	Duluth Barley, No. 2 Feed	Oats, No. 2 White
	Dollars per bushel	*Dollars per bushel*	*Dollars per cwt.*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*
1988	2.61	3.76	4.16	2.56	4.11	2.31	2.80
1989	2.53	3.10	4.21	2.43	3.28	2.20	1.65
1990	2.45	2.98	4.08	2.31	2.42	2.13	1.30
1991	2.55	3.06	4.36	2.39	2.36	2.16	1.47
1992	2.26	2.49	3.74	2.11	2.37	2.11	1.57
1993	2.26	2.49	3.74	2.11	2.37	2.11	1.57
1994	2.69	2.78	4.37	2.52	2.48	2.05	1.54
1995	2.47	2.91	4.10	2.27	2.75	2.02	1.49
1996	4.12	4.07	6.66	3.74	3.69	2.67	2.28
1997	2.84	3.09	4.54	2.65	3.18	2.32	2.03

Crop year [2]	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow	Los Angeles			St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	Sorghum, No. 2 Yellow	
	Dollars per bushel	*Dollars per bushel*	*Dollars per cwt.*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per cwt.*	*Dollars per bushel*
1988	2.49	2.67	4.66	3.73	3.10	6.08	2.73
1989	2.41	2.54	4.38	3.38	2.90	5.53	2.58
1990	2.28	2.40	4.48	3.33	2.84	5.52	2.49
1991	2.36	2.51	4.78	3.39	2.83	5.69	2.54
1992	2.10	2.23	4.06	3.12	2.79	5.11	2.25
1993	2.10	2.23	4.06	(3)	(3)	(3)	2.25
1994	2.58	2.68	4.95	(3)	(3)	(3)	2.67
1995	2.31	2.44	4.75	(3)	(3)	(3)	2.51
1996	3.87	3.97	7.30	(3)	(3)	(3)	4.06
1997	2.70	2.84	5.02	(3)	(3)	(3)	2.90

[1] Simple average of daily prices. [2] For corn and sorghum crop year began in October for 1974–84, September for 1985–87. For barley and oats, crop year begins in June. [3] Discontinued.

AMS, Livestock and Grain Market News Branch, (202) 720–6231.

Table 1-76.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1987–96

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Meat meal	Fish meal	Wheat bran	Wheat middlings
	44% protein	49–50% protein	41% protein	41% protein	34% protein	50% protein	60% protein	Kansas City	Min-neapolis
	Decatur	Decatur	Kansas City	Memphis	Min-neapolis	Kansas City	West Coast		
	Dollars per ton	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
1987	221.90	239.30	197.20	178.50	160.30	255.90	236.20	76.80	65.90
1988	233.40	252.30	203.50	188.30	162.00	255.30	355.40	84.10	80.80
1989	173.70	187.40	180.20	168.20	130.40	204.70	302.80	80.60	72.60
1990	174.10	182.80	146.60	130.60	129.50	207.50	296.70	65.80	60.50
1991	175.90	187.90	157.50	127.20	114.40	191.10	310.60	69.40	63.10
1992	181.80	194.60	178.00	161.80	133.40	221.00	325.70	70.80	59.90
1993	179.80	203.00	180.50	169.60	132.50	204.40	(3)	80.60	68.10
1994	152.50	171.70	129.40	120.80	95.00	168.70	(3)	65.50	53.90
1995	225.10	243.10	208.80	19.70	159.00	231.50	(3)	120.30	108.00
1996	260.40	279.70	207.50	91.40	158.70	271.80	(3)	88.30	80.20

Year beginning October	Wheat shorts or middlings	Wheat millrun	Gluten feed	Hominy feed	Distillers' dried grains	Brewers' dried grains	Alfalfa meal		Feeding molasses
			21% protein				Dehydrated, 17% protein	Sun-cured	
	Kansas City	Portland	Illinois Points	Illinois Points	Lawrence-burg [1]	Milwau-kee	Kansas City	Kansas City	New Or-leans
	Dollars per ton	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
1987	76.80	85.90	117.60	84.60	133.80	111.10	110.70	105.20	59.80
1988	84.10	102.20	116.30	90.60	141.00	125.10	136.20	130.60	60.10
1989	80.60	95.80	98.80	88.70	117.30	96.50	125.90	121.10	56.80
1990	65.80	87.80	96.00	80.30	126.40	94.00	109.70	103.20	68.00
1991	69.40	85.10	101.50	85.00	123.50	105.10	101.50	95.90	64.00
1992	71.00	81.60	93.90	67.20	121.90	104.50	112.40	103.80	55.60
1993	80.60	88.70	89.30	80.50	123.80	(3)	124.70	114.2	62.50
1994	66.30	82.00	82.00	83.80	105.40	(3)	118.40	112.7	71.20
1995	120.40	118.70	119.30	132.10	156.10	(3)	130.40	122.0	77.50
1996	80.30	95.70	90.20	88.90	139.80	(3)	142.70	130.9	60.10

[1] Cincinnati 1974–1980. [2] Based on prices of the following feedstuffs at leading markets, weighted by average consumption: Soybean meal, cottonseed meal, 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. [3] Discontinued.

AMS, Livestock and Grain Market News Branch, (202) 720–6231.

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 syrups. Cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

Table 2-1.—Cotton: Area, yield, production, and value, United States, 1988–97

Year	Area		Yield per harvested acre	Production	Marketing year average price per pound received by farmers	Value of production
	Planted	Harvested				
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 bales* [1]	*Cents*	*1,000 dollars*
1988	12,514.8	11,948.2	619	15,411.5	56.6	4,190,488
1989	10,586.6	9,537.7	614	12,195.6	66.2	3,877,888
1990	12,348.1	11,731.6	634	15,505.4	68.2	5,075,826
1991	14,052.1	12,959.5	652	17,614.3	58.1	4,913,244
1992	13,240.0	11,123.3	700	16,218.5	54.9	4,273,935
1993	13,438.3	12,783.3	606	16,133.6	58.4	4,520,908
1994	13,720.1	13,322.3	708	19,662.0	72.0	6,796,654
1995	16,931.4	16,006.7	537	17,899.8	76.5	6,574,612
1996	14,633.5	12,868.1	707	18,942.0	70.5	6,408,144
1997 [2]	13,818.0	13,283.5	686	18,976.9	67.4	6,142,346

[1] 480-pound net weight bales. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127. Production figures conform with the Bureau of the Census annual ginning enumerations.

Table 2-2.—Cotton: Area, yield, and production, by States, 1995–97

State	Area planted			Area harvested			Yield per harvested acre			Production [1]		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 bales* [3]	*1,000 bales* [3]	*1,000 bales* [3]
Upland:												
AL	590.0	520.0	535.0	578.0	516.0	440.0	409	734	600	492.0	789.0	550.0
AZ	365.0	315.0	320.0	364.0	314.0	319.0	1,046	1,189	1,234	793.0	778.0	820.0
AR	1,170.0	1,000.0	950.0	1,110.0	990.0	940.0	635	793	883	1,468.0	1,636.0	1,730.0
CA	1,170.0	1,000.0	880.0	1,165.0	995.0	875.0	953	1,153	1,207	2,312.0	2,390.0	2,200.0
FL	110.0	99.0	100.0	109.0	98.2	99.0	472	637	655	107.2	130.4	135.0
GA	1,500.0	1,340.0	1,440.0	1,490.0	1,336.0	1,430.0	625	747	638	1,941.0	2,079.0	1,900.0
KS	3.8	4.5	15.0	2.6	4.0	13.5	185	492	601	1.0	4.1	16.9
LA	1,085.0	890.0	630.0	1,075.0	885.0	625.0	614	697	756	1,375.0	1,286.0	985.0
MS	1,460.0	1,120.0	985.0	1,420.0	1,100.0	970.0	622	819	896	1,841.0	1,876.0	1,810.0
MO	462.0	390.0	380.0	453.0	385.0	375.0	544	737	742	513.0	591.0	580.0
NM	61.0	59.0	70.0	56.0	55.0	66.0	609	733	640	71.0	84.0	88.0
NC	805.0	721.0	670.0	800.0	710.0	665.0	479	677	671	798.0	1,002.0	930.0
OK	380.0	290.0	200.0	315.0	210.0	190.0	187	306	505	123.0	134.0	200.0
SC	348.0	284.0	290.0	342.0	282.0	285.0	528	774	674	376.0	455.0	400.0
TN	700.0	540.0	500.0	660.0	530.0	490.0	527	611	643	724.0	675.0	656.0
TX	6,400.0	5,700.0	5,500.0	5,750.0	4,100.0	5,150.0	372	509	494	4,460.0	4,345.0	5,300.0
VA	107.0	103.0	101.0	106.0	102.0	100.0	620	748	667	137.0	159.0	139.0
US	16,716.8	14,375.5	13,566.0	15,795.6	12,612.2	13,032.5	533	701	679	17,532.2	18,413.5	18,439.9
American-Pima:												
AZ	48.6	42.0	22.0	48.1	41.9	22.0	720	852	982	72.2	74.4	45.0
CA	115.0	165.0	185.0	115.0	164.0	184.0	937	1,098	1,096	224.5	375.0	420.0
NM	15.0	14.0	13.0	15.0	14.0	13.0	605	651	628	18.9	19.0	17.0
TX	36.0	37.0	32.0	33.0	36.0	32.0	756	801	825	52.0	60.1	55.0
US	214.6	258.0	252.0	211.1	255.9	251.0	836	991	1,027	367.6	528.5	537.0
US, all	16,931.4	14,633.5	13,818.0	16,006.7	12,868.1	13,283.5	537	707	686	17,899.8	18,942.0	18,976.9

[1] Production ginned and to be ginned. [2] Preliminary. [3] 480-pound net weight bale.

NASS, Crops Branch, (202) 720–2127.

Table 2-3.—Cotton: Production, Marketing Year average price per pound, and value, by States, 1995–97

State	Production [1]			Price for crop of—			Value of production		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	1,000 bales [3]	*1,000 bales* [3]	*1,000 bales* [3]	*Cents*	*Cents*	*Cents*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Upland:									
AL	492.0	789.0	550.0	72.9	70.9	68.0	172,161	268,512	179,520
AZ	793.0	778.0	820.0	72.9	69.7	67.3	277,487	260,288	264,893
AR	1,468.0	1,636.0	1,730.0	73.4	70.7	66.1	517,206	555,193	548,894
CA	2,312.0	2,390.0	2,200.0	82.1	76.5	73.7	911,113	877,608	778,272
FL	107.2	130.4	135.0	80.0	68.6	65.0	41,165	42,938	42,120
GA	1,941.0	2,079.0	1,900.0	76.6	70.5	70.2	713,667	703,534	640,224
KS	1.0	4.1	16.9	72.5	59.8	61.9	348	1,177	5,021
LA	1,375.0	1,286.0	985.0	73.2	65.5	66.0	483,120	404,318	312,048
MS	1,841.0	1,876.0	1,810.0	73.4	68.0	65.2	648,621	612,326	566,458
MO	513.0	591.0	580.0	70.1	68.5	68.7	172,614	194,321	191,261
NM	71.0	84.0	88.0	81.7	74.3	68.0	27,843	29,958	28,723
NC	798.0	1,002.0	930.0	78.3	71.9	67.0	299,920	345,810	299,088
OK	123.0	134.0	200.0	73.5	61.7	61.9	43,394	39,685	59,424
SC	376.0	455.0	400.0	79.7	73.8	70.5	143,843	161,179	135,360
TN	724.0	675.0	656.0	75.0	67.1	66.5	260,640	217,404	209,395
TX	4,460.0	4,345.0	5,300.0	74.6	65.6	62.0	1,597,037	1,368,154	1,577,280
VA	137.0	159.0	139.0	73.0	71.0	67.0	48,005	54,187	44,702
US	17,532.2	18,413.5	18,439.9	75.4	69.3	66.9	6,358,184	6,136,592	5,882,683
American-Pima:									
AZ	72.2	74.4	45.0	119.0	106.0	99.1	41,241	37,855	21,406
CA	224.5	375.0	420.0	126.0	107.0	102.0	135,778	192,600	205,632
NM	18.9	19.0	17.0	118.0	109.0	97.0	10,705	9,941	7,915
TX	52.0	60.1	55.0	115.0	108.0	93.6	28,704	31,156	24,710
US	367.6	528.5	537.0	122.8	107.0	100.7	216,428	271,552	259,663
US, all	17,899.8	18,942.0	18,976.9	76.5	70.5	67.4	6,574,612	6,408,144	6,142,346

[1] Production ginned and to be ginned. [2] Preliminary. [3] 480-pound net weight bales. [4] Estimates not published to avoid disclosure of individual operations.

NASS, Crops Branch, (202) 720–2127.

Table 2-4.—Cotton, American upland: Support operations, United States, 1988–97

Marketing Year beginning August 1	Income support payment rates per pound [1]	Program price levels per pound		Put under Loan [4]		Acquired by CCC under loan program [5]	Owned by CCC at end of marketing year
		Loan [2]	Target [3]	Quantity	Percentage of production		
	Cents	*Cents*	*Cents*	*1,000 bales* [6]	*Percent*	*1,000 bales* [6]	*1,000 bales* [6]
1988/89	19.400	51.80	75.90	11,231	74.5	66	35
1989/90	13.100	50.00	73.40	3,732	32.4	2	27
1990/91	([7])6.785	50.27	72.90	3,205	21.2	1	([8])
1991/92	10.100	50.77	72.90	6,312	36.7	8	1
1992/93	20.300	52.35	72.90	8,302	52.9	10	8
1993/94	18.600	52.35	72.90	7,721	49.0	3	14
1994/95	4.600	50.00	72.90	4,716	24.4	([8])	([8])
1995/96	0.000	51.92	72.90	3,478	19.8	0	0
1996/97	8.882	51.92	NA	3,340	18.1	0	0
1997/98	7.625	51.92	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior corps years were calculated according to the provisions of the now defunct deficiency payment/production adjustment program. Payment rates for the 1996/97 and subsequent crops are calculated according to the provisions of the Production Flexibility Contract (PFC) program, following enactment of the Federal Agriculture Improvement Act of 1996 (1996 Act). PFC payment rates are rounded to the nearest thousandth of a cent. [2] The national average loan rate was also known as the price support rate prior to enactment of the 1996 Act. [3] Beginning with the 1996/97 marketing year, target prices are no longer applicable. [4] Does not include quantity on which loan deficiency payments were made. [5] Acquisitions from the crop harvested in the year indicated. [6] Running bales. [7] The Omnibus Budget Reconciliation Act of 1989 mandated 0.515-cent reduction in the formula rate of 7.3 cents per pound. [8] Less than 500 bales. NA-not applicable.

FSA, Fiber Analysis Group, (202) 720-7954.

Table 2-5.—Cotton: Area, yield, and production in specified countries, 1994–97 [1]

Continent and country	Area			Yield per hectare			Bales		
	1994/95	1995/96	1996/97 [2]	1994/95	1995/96	1996/97 [2]	1994/95	1995/96	1996/97 [2]
	1,000 hectares	*1,000 hectares*	*1,000 hectares*	*Kilograms*	*Kilograms*	*Kilograms*	*1,000 bales* [3]	*1,000 bales* [3]	*1,000 bales* [3]
North and Central America:									
United States	5,391	6,478	5,208	794	602	792	19,662	17,900	18,942
El Salvador	2	1	1	545	218	218	5	1	1
Guatemala	9	4	3	677	1,089	581	28	20	8
Honduras	3	3	2	726	726	436	10	10	4
Mexico	169	318	246	705	667	953	547	974	1,077
Nicaragua	2	10	4	545	653	653	5	30	12
Other incl. Caribbean	21	21	21	301	301	301	29	29	29
Total	5,597	6,835	5,485	789	604	797	20,286	18,964	20,073
South America:									
Argentina	700	960	880	500	437	369	1,608	1,929	1,493
Bolivia	40	40	40	327	599	544	60	110	100
Brazil	1,220	1,130	695	451	345	407	2,526	1,791	1,300
Colombia	81	112	88	624	634	626	232	326	253
Ecuador	20	20	20	435	435	435	40	40	40
Paraguay	320	310	105	453	355	429	666	505	207
Peru	97	109	109	568	579	623	253	290	312
Venezuela	40	50	50	463	435	435	85	100	100
Total	2,518	2,731	1,987	473	406	417	5,470	5,091	3,805
Europe:									
Greece	384	440	420	1,015	1,023	716	1,791	2,067	1,382
Italy	1	1	1	218	218	218	1	1	1
Spain	40	31	76	953	1,075	1,203	175	153	420
Bulgaria	15	15	15	435	435	435	30	30	30
Yugoslavia	1	1	1	218	218	218	1	1	1
Other Europe	1	1	1	218	218	218	1	1	1
Total	442	489	514	985	1003	777	1,999	2,253	1,835
Former USSR	2,707	2,573	2,545	706	699	556	8,778	8,260	6,500
Africa:									
Angola	10	10	10	436	436	436	20	20	20
Cameroon	120	159	191	517	500	466	285	365	409
Central African Rep	50	60	58	218	200	312	50	55	83
Chad	250	208	285	248	298	293	285	285	384
Zaire	30	30	30	109	109	109	15	15	15
Kenya	40	60	55	82	73	99	15	20	25
Malawi	50	50	50	131	131	131	30	30	30
Morocco	2	1	1	545	218	218	5	1	1
Mozambique	100	100	100	163	163	163	75	75	75
Nigeria	210	220	210	310	454	404	299	459	390
Zimbabwe	203	264	313	188	394	292	175	478	420
South Africa, Rep. of	67	115	116	341	345	235	105	182	125
Sudan	174	220	230	501	485	426	400	490	450
Tanzania, United Rep. of	172	364	280	197	200	214	156	335	275
Uganda	129	150	100	62	65	174	37	45	80
Egypt	305	306	387	835	774	882	1,170	1,088	1,568
Other Africa	1,268	1,430	1,664	399	416	402	2,321	2,731	3,070
Total	3,180	3,747	4,080	373	388	396	5,443	6,674	7,420
Asia, Mid-East, and Oceania:									
Afghanistan	60	60	60	363	363	363	100	100	100
Australia	222	301	395	1,509	1,425	1,537	1,539	1,970	2,788
Burma	180	180	180	121	157	157	100	130	130
China, Peoples Rep. of	5,530	5,422	4,722	784	879	890	19,900	21,900	19,300
India	7,861	9,063	9,166	300	318	327	10,814	13,250	13,781
Iran	250	290	300	664	601	599	762	800	825
Iraq	65	65	65	218	218	218	65	65	65
Israel	20	30	30	1,546	1,452	1,814	142	200	250
Korea, Republic of	1	1	1	218	218	218	1	1	1
Pakistan	2,650	3,048	3,200	514	586	497	6,250	8,200	7,300
Yemen	40	40	40	354	354	354	65	65	65
Syria	180	195	219	1,031	1,077	1,118	852	965	1,125
Thailand	15	26	14	406	385	435	28	46	28
Turkey	582	757	744	1,080	1,125	1,054	2,886	3,911	3,600
Other Asia	80	80	73	351	373	391	129	137	131
Total	17,736	19,558	19,209	536	576	561	43,633	51,740	49,489
World total	32,180	35,933	33,820	579	563	574	85,609	92,982	89,122

[1] Harvest season beginning Aug. 1. [2] Preliminary. [3] 480-pound net weight.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. 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 2-6.—Cotton: Supply and distribution, United States, 1987–96

Year beginning August 1	Supply			Distribution				
	Beginning of season total [2]	Ginnings in season [1]	Total supply [2]	Consumption [2]			Exports	Carryover, end of season [2]
				Upland	American Pima	Total		
	1,000 bales	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*
1987	4,797	14,493	19,294	7,244	50	7,294	6,297	5,684
1988	5,684	14,939	20,628	7,376	68	7,444	5,987	6,984
1989	6,984	11,913	18,898	8,313	69	8,383	7,310	3,109
1990	3,109	15,082	18,192	(3)	(3)	8,367	7,488	2,389
1991	2,389	17,023	19,413	(3)	(3)	9,283	6,386	3,569
1992	3,569	15,781	19,350	9,789	57	9,846	4,950	4,482
1993	4,482	15,789	20,276	9,951	68	10,019	6,638	3,509
1994	3,509	19,031	22,546	10,653	97	10,750	9,158	2,608
1995	2,608	17,452	20,499	10,089	127	10,216	7,277	2,695
1996 [4]	2,695	18,387	21,470	10,594	101	10,695	6,708	3,837

[1] 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. [2] May include small volume of foreign growths. [3] Not reported separately. [4] Preliminary.

AMS, Cotton Division, (901) 384–3016. Compiled from reports of the Bureau of the Census.

Table 2-7.—Cotton, American Upland: Percentage distribution of fiber strength, United States, 1994–96

Fiber strength [1]	Year			
	1993	1994	1995	1996
17 and below	(*)	(*)	(*)	(*)
18	(*)	(*)	(*)	(*)
19	(*)	(*)	(*)	(*)
20	(*)	(*)	(*)	(*)
21	0.1	0.1	0.1	(*)
22	0.3	0.2	0.2	0.2
23	0.8	0.6	0.5	0.6
24	2.2	2.3	1.4	2.1
25	5.3	6.5	3.4	6.1
26	10.4	12.4	7.3	12.1
27	15.0	15.6	12.5	18.0
28	16.2	15.4	16.1	18.9
29	15.3	14.3	16.2	14.6
30	14.0	11.9	14.6	9.4
31	10.9	9.1	12.4	5.7
32	6.1	6.7	9.1	4.5
33	2.4	3.4	4.6	3.9
34	0.7	1.2	1.3	2.4
35	0.2	0.3	0.4	1.0
36 and above	(*)	0.1	0.1	0.4
Average	28.5	28.5	29.1	28.4

[1] Fiber strength expressed in terms of ⅛″ gage (grams per tex). *Less than 0.05 percent.

AMS, Cotton Division, (901) 384–3016.

Table 2-8.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1989–96

State	Crop of—							
	1989	1990	1991	1992	1993	1994	1995	1996
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
AL	30	37	21	9	13	79	42	23
AZ	20	14	22	10	3	5	42	20
AR	43	39	42	27	27	42	69	49
CA	83	83	65	65	51	92	76	28
GA	44	41	56	11	16	60	56	34
LA	53	34	8	4	3	11	33	17
MS	26	31	16	6	5	38	25	11
MO	62	64	66	45	24	78	89	59
NM	10	26	20	12	24	23	11	17
NC	48	45	61	27	12	70	57	74
OK	18	16	7	1	(*)	(*)	5	(1)
SC	54	52	60	31	23	55	69	43
TN	25	14	9	6	2	14	25	9
TX	31	27	15	1	5	28	47	18
US	39	35	25	14	12	40	48	28

[1] Less than 0.5 percent.

AMS, Cotton Division, (901) 384–3016.

Table 2-9.—Cotton, American upland: Carryover and crop, running bales, by grade groupings, United States, 1987–96

Year beginning August 1	White [1]					Light Spotted				Other Colored [2]	All grades [3]
	21 and higher	31	41	51	61 and 71	22 and higher	32	42	52 and lower		
	1,000 bales	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*
Carryover:											
1987	37	589	939	373	35	5	214	960	749	807	4,709
1988	165	920	1,846	698	68	26	441	693	293	451	5,603
1989	500	1,918	2,168	483	82	40	394	702	341	291	6,920
1990	119	734	1,113	299	41	13	128	263	105	103	2,918
1991	208	813	1,021	303	26	3	131	344	135	99	3,082
1992	280	850	878	338	100	7	67	237	252	429	3,437
1993	413	1,307	1,161	300	28	33	181	350	147	176	4,095
1994	602	1,089	1,012	109	3	40	221	299	78	54	3,509
1995	227	634	713	148	6	53	175	403	151	41	2,552
1996	498	764	562	56	1	81	240	303	51	52	2,609
Crop:											
1987	598	3,256	4,483	1,419	124	55	1,177	1,657	672	642	14,083
1988	1,105	5,146	4,786	815	67	59	711	1,164	411	199	14,462
1989	420	3,529	3,701	682	57	69	638	805	227	830	10,958
1990	529	4,309	4,851	1,245	125	13	670	1,624	675	437	14,478
1991	1,716	5,394	4,084	1,471	371	24	390	712	1,046	1,239	16,445
1992	1,673	5,943	3,713	796	81	132	630	933	490	572	14,964
	New Classification System Beginning With 1993 Crop										
	White Color Grades					Light Spotted Color Grades					
1993	4,458	4,160	2,930	256	7	521	1,102	1,223	182	(4)	15,010
1994	2,314	5,697	4,138	495	23	783	1,654	2,299	793	(4)	18,510
1995	3,660	5,453	3,568	232	9	552	1,393	1,505	202	(4)	16,751
1996	3,219	6,629	3,413	233	16	481	1,602	1,513	339	(4)	17,669

[1] "Plus" grades included. [2] Includes all grades of Spotted, Tinged, Stained, Light Gray, Gray, and Below Grade. [3] Carryover as reported by the Bureau of the Census, Crop as reported by AMS, Cotton Division. [4] Includes all Color grades of Spotted, Tinged, Stained, and Below Grade.

AMS, Cotton Division, (901) 384–3016.

Table 2-10.—Cotton, American upland: Carryover and crop, running bales, by staple groupings, United States, 1987–96

Year beginning August 1	Staple										All staples [1]
	26 and shorter	28	29	30	31	32	33	34	35	36 and longer	
	1,000 bales	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*
Carryover:											
1987	(2)	10	15	86	108	250	467	1,070	1,727	976	4,709
1988	(2)	1	10	54	154	376	754	1,217	1,798	1,238	5,603
1989	2	9	37	208	550	758	693	1,047	1,863	1,754	6,920
1990	(2)	10	15	61	153	209	184	423	910	954	2,918
1991	(2)	5	4	65	84	204	261	573	1,055	831	3,082
1992	(2)	19	11	56	91	191	229	603	810	1,425	3,437
1993	(2)	(2)	1	10	35	146	285	913	1,284	1,419	4,095
1994	(2)	(2)	4	15	37	197	285	724	952	1,295	3,509
1995	(2)	1	3	14	20	83	135	463	718	1,115	2,552
1996	8	6	3	12	36	143	197	508	771	926	2,609
Crop:											
1987	1	4	18	71	277	698	1,505	2,643	5,119	3,748	14,083
1988	2	16	78	303	929	1,394	1,438	1,567	3,579	5,148	14,462
1989	1	14	70	236	507	653	716	1,203	3,402	4,155	10,958
1990	(2)	6	48	232	746	1,370	1,620	1,978	4,064	4,414	14,478
1991	(2)	7	53	209	539	863	1,287	1,770	3,267	8,449	16,445
1992	(2)	1	8	45	159	405	1,038	2,437	4,428	6,443	14,964
1993	(2)	1	7	45	201	666	1,470	2,509	3,718	6,392	15,010
1994	(2)	2	16	72	250	604	1,271	2,919	5,009	8,366	18,510
1995	(2)	1	7	36	155	489	1,389	3,422	5,208	6,044	16,751
1996	(2)	(2)	2	13	72	277	1,035	3,226	5,668	7,376	17,669

[1] Carryover as reported by the Bureau of the Census, Crop as reported by AMS, Cotton Division. [2] Less than 500 bales.

AMS, Cotton Division, (901) 384–3016.

Table 2-11.—Cotton, American Pima: Carryover and crop, running bales, by grade and staple, United States, 1994–96

Year beginning August 1	Grade					Staple				All grades and staples [1]
	01 and 02	03	04	05	06 and 07	42 and shorter	44	46	48 and longer	
	1,000 bales	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*	*1,000 bales*
Carryover:										
1994	49.5	82.3	12.1	2.0	0.6	0.9	44.3	89.9	11.4	146.5
1995	21.6	27.6	4.7	2.2	.....	0.5	9.7	44.0	2.0	56.1
1996	32.2	27.9	10.5	8.7	1.3	0.1	17.3	57.5	5.8	80.7
Crop:										
1994	119.2	137.7	27.0	3.9	1.2	0.7	52.5	204.7	31.1	289.0
1995	191.1	87.8	16.4	4.2	1.6	1.2	81.8	189.2	29.0	301.1
1996	295.3	89.9	23.2	10.5	6.1	0.2	84.9	296.8	43.1	425.0

[1] Carryover as reported by the Bureau of the Census; Crop as reported by AMS, Cotton Division.

AMS, Cotton Division, (901) 384–3016.

Table 2-12.—Cotton, upland: Average staple length of upland cotton classed, by States, 1991–96

State	Average staple length (32ds of an inch) [1]					
	1991	1992	1993	1994	1995	1996
AL	35.3	35.3	35.1	35.3	34.9	35.3
AZ	36.4	35.5	35.9	36.1	35.6	35.9
AR	36.2	35.9	35.6	35.6	35.2	35.4
CA	36.2	35.5	36.2	36.5	36.6	36.5
FL	(2)	(2)	(2)	35.2	35.2	35.3
GA	35.2	35.4	34.8	35.2	34.9	35.2
LA	35.9	35.3	35.4	35.4	34.9	35.0
MS	36.1	35.2	35.4	35.2	35.2	34.9
MO	36.1	36.4	35.9	35.6	35.2	35.4
NM	35.6	36.7	36.9	36.9	36.7	37.3
NC	35.7	35.9	35.6	36.0	35.2	35.6
OK	32.7	34.0	33.8	33.8	33.4	34.7
SC	35.6	35.7	35.4	36.1	35.8	35.7
TN	35.7	35.5	35.4	35.1	35.1	35.3
TX	33.2	33.8	33.8	33.9	33.9	34.3
VA	(2)	(2)	(2)	36.5	(2)	35.7
Other States	(2)	35.4	35.3	(2)	35.2	(2)
US	35.2	35.1	35.0	35.2	35.0	35.2

[1] Average calculated on numerical equivalents of the staple-length designations. For example, 7/8-inch = 28, 29/32-inch = 29, etc. [2] Not available.

AMS, Cotton Division, (901) 384–3016.

Table 2-13.—Cotton: United States exports, by country of destination, 1993/94–1995/96

Country of destination	Year beginning August		
	1993–94	1994–95	1995–96
	1,000 bales [1]	*1,000 bales* [1]	*1,000 bales* [1]
China	2,257	1,847	1756
Japan	1,061	940	630
Korea, Rep. of	951	769	568
Indonesia	925	794	594
Mexico	558	618	733
Thailand	441	331	197
Taiwan	352	255	255
Hong Kong	347	223	129
Pakistan	318	17	0
Canada	253	294	253
Brazil	207	170	190
Turkey	0	62	411
Philippines	173	144	84
Bangledesh	143	88	136
United Kingdom	89	85	66
Italy	83	115	46
Venezuela	83	76	98
Subtotal	8,241	6,828	6,146

Country of destination	Year beginning August		
	1993–94	1994–95	1995–96
	1,000 bales [1]	*1,000 bales* [1]	*1,000 bales* [1]
Guatemala	82	107	115
Columbia	73	53	77
El Salvador	64	75	88
Romania	59	57	27
Ecuador	40	46	60
Spain	36	59	25
Germany	30	40	23
Vietnam	29	27	23
Malaysia	28	28	18
Peru	26	72	20
Sweden	25	17	19
Belgium-Luxembourg	24	32	29
Switzerland	24	16	18
Denmark	13	12	10
Algeria	6	28	18
Chile	2	1	1
Ethiopia	0	0	0
Other Countries	600	177	148
Total	9,402	7,675	6,865

[1] 480 pounds net.

FAS, Cotton, Oilseeds, Tobacco, and Seeds Division, (202) 720–9516. Compiled from reports of the U.S. Department of Commerce.

Table 2-14.—Cotton: International trade, 1990/91–1995/96 [1]

Country	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96
	1,000 bales [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]
Principal exporting countries:						
Uzbekistan	5,200	5,500	5,800	5,006	4,524	4,550
United States	6,646	5,201	6,862	9,402	7,675	6,865
Turkmenistan	1,675	1,850	1,700	1,470	919	400
Australia	2,334	1,695	1,682	1,345	1,466	2,450
Pakistan	2,059	1,175	318	148	1,433	119
Syria	617	734	821	568	534	800
China	602	684	749	183	21	10
Paraguay	818	597	505	597	519	200
Greece	459	551	781	1,100	1,450	900
Tajikistan	1,000	600	625	666	450	400
Mali	500	525	400	550	700	825
Azerbaijan	550	400	370	400	300	300
Cote d'Ivoire	350	316	369	575	365	440
Argentina	566	299	317	905	1,222	1,332
Sudan	400	200	200	350	425	360
Subtotal	23,776	20,327	21,499	23,265	22,003	19,951
Others	4,449	5,278	5,208	5,100	5,820	6,682
World total	28,225	25,605	26,707	28,365	27,823	26,633

Country	1990/91	1991/92	1992/93	1993/94	1994/95	1995/96
Principal importing countries:						
Russia	3,900	2,650	3,000	2,159	1,100	900
Japan	2,705	2,228	1,993	1,750	1,516	1,346
Indonesia	1,873	1,989	2,039	2,075	2,139	2,147
S. Korea	1,801	1,711	1,689	1,747	1,616	1,504
China	1,630	242	808	4,060	3,045	3,613
Thailand	1,641	1,522	1,613	1,440	1,545	1,414
Taiwan	1,484	1,264	1,236	1,114	1,380	1,350
Italy	1,409	1,391	1,594	1,590	1,598	1,560
Hong Kong	1,037	803	869	888	771	635
Germany	910	770	875	678	687	690
Ukraine	760	350	200	300	325	250
Brazil	657	1,823	1,869	1,612	1,768	2,300
Portugal	731	725	744	796	772	775
France	556	554	700	547	532	500
Turkey	420	1,070	545	1,083	519	1,150
Spain	394	350	495	532	454	390
Bangladesh	444	356	322	413	482	540
Subtotal	22,352	19,798	20,591	22,784	20,249	21,064
Others	6,912	7,169	7,203	7,822	7,386	7,595
World total	29,264	26,967	27,794	30,606	27,635	28,659

[1] Marketing year beginning Aug. 1. [2] 480-pound net weight.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516. 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 2-15.—Cotton and cotton linters: United States imports for consumption, by country of origin, 1993/94–1995/96

Country of origin	Year beginning August		
	1993/94	1994/95	1995/96
	Bales[1]	*Bales*[1]	*Bales*[1]
Cotton, raw:			
Argentina	119	140,435	117,537
Australia	89	14,164	37,006
Brazil	1,277	12	1
Burkina	0	10,511	0
Cameroon	0	1,951	1,954
Egypt	2,922	7,289	3
India	1,073	1,065	844
Mexico	2,651	10,922	36,441
Pakistan	0	29,142	0
Sudan	2,371	.....	.....
Tajiikistan, Rep. of	8,638	5,268	1,349
Turkmenistan	0	0	1,798
Uzbekistan, Rep. of	0	178,289	205,812
Other Countries	1,318	8,550	750
Total	20,458	407,598	403,495
Cotton linters:			
Brazil	20	3,081	0
China	0	0	533
India	0	0	41
Japan	0	0	248
Mexico	16,465	14,386	14,158
Turkey	2,307	0	0
United Kingdom	0	20	0
Total	18,792	17,487	14,980

[1] 480 pounds net. [2] Less than one metric ton.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516. Compiled from reports of the U.S. Department of Commerce.

Table 2-16.—Cotton, American upland: Percentage distribution of mike readings, by specified groups, United States, 1987–96

Year beginning August 1	Mike groups						
	26 and below	27 to 29	30 to 32	33 to 34	35 to 49	50 to 52	53 and above
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
1987	1.4	3.4	6.2	5.5	80.0	3.0	0.6
1988	0.4	1.3	3.6	4.6	87.3	2.4	0.5
1989	2.3	4.2	5.6	4.6	78.8	3.6	0.9
1990	0.3	1.2	3.7	4.9	86.3	2.9	0.9
1991	0.5	2.0	4.6	5.0	81.6	5.0	1.6
1992	0.8	2.4	5.0	5.2	83.2	2.8	0.8
1993	0.1	0.3	1.2	1.8	86.2	8.2	2.2
1994	0.1	0.6	1.8	2.3	90.6	3.8	0.7
1995	0.4	1.2	2.7	3.0	79.6	10.6	2.5
1996	0.4	1.2	3.1	3.5	80.8	8.7	2.5

AMS, Cotton Division, (901) 384–3016.

Table 2-17.—Cotton, American upland: Average spot prices for specified grades of staple 34 in the designated markets for mixed lots, net weight, uncompressed in warehouse, cents per pound, 1987–96

Year beginning August 1	White				Light Spotted			Spotted	
	31	41	51	61	32	42	52	33	43
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
1987	65.04	63.13	60.41	54.35	63.17	61.16	56.38	57.21	53.94
1988	59.42	57.67	54.35	46.21	57.69	55.00	48.25	48.98	45.74
1989	71.21	69.78	66.58	58.49	69.66	67.17	60.29	62.09	58.35
1990	76.08	74.80	70.10	61.38	74.81	71.43	63.28	65.35	61.28
1991	57.63	56.68	52.85	44.30	56.63	53.78	46.97	48.02	44.05
1992	55.12	54.10	50.17	42.07	54.03	51.03	44.90	45.20	42.01

Year beginning August 1[1]	New Classification System Beginning With 1993 Crop								
	White				Light Spotted			Spotted	
	Color 31 Leaf 3	Color 41 Leaf 4	Color 51 Leaf 5	Color 61 Leaf 6	Color 32 Leaf 3	Color 42 Leaf 4	Color 52 Leaf 5	Color 33 Leaf 3	Color 43 Leaf 4
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
1993	66.89	66.12	62.14	55.43	65.88	62.80	56.43	56.77	53.50
1994	89.46	88.14	83.47	77.54	87.65	84.18	78.19	80.61	76.07
1995	84.82	83.03	77.61	73.25	82.49	78.38	72.97	76.31	71.30
1996	72.87	71.59	66.71	63.02	71.12	67.62	62.50	65.93	61.25

[1] Prices are compressed, FOB car/truck.

AMS, Cotton Division, (901) 384–3016.

Table 2-18.—Cotton, American upland: Average spot prices for specified staple lengths of Grade 41 in the designated markets for mixed lots, net weight, uncompressed in warehouse, cents per pound, 1987–96

Year beginning August 1	Staple							
	28	29	30	31	32	33	34	35
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
1987	56.25	56.25	57.38	58.44	59.33	60.81	63.13	63.63
1988	48.02	48.02	48.94	50.21	52.39	54.12	57.67	58.13
1989	59.78	59.78	60.74	62.93	64.89	66.63	69.78	70.23
1990	61.27	61.27	62.48	65.46	69.15	71.52	74.80	75.38
1991	47.93	47.93	50.12	52.37	53.23	54.15	56.68	57.06
1992	46.21	46.21	48.62	50.79	52.45	52.41	54.10	54.76
1993 [1]	59.39	59.39	61.38	62.84	64.17	64.16	66.12	66.76
1994 [1]	81.51	81.51	83.46	85.01	85.80	86.06	88.14	88.53
1995 [1]	76.00	76.00	77.82	79.49	79.99	81.06	83.03	83.58
1996 [1]	64.61	64.61	66.38	67.18	67.93	69.81	71.59	72.20

[1] Staple lengths of Color 41, Leaf 4, compressed, FOB car/truck.

AMS, Cotton Division, (901) 384–3016.

Table 2-19.—Cotton, American upland: High, low, and season average spot prices for the base quality in the designated markets, cents per pound, 1987–96

Season beginning August 1	Grade 41 Staple 34 [1]			Season beginning August 1	Color 41, Leaf 4, Staple 34 [2]		
	Average	High	Low		Average	High	Low
	Cents	*Cents*	*Cents*		*Cents*	*Cents*	*Cents*
1987	63.13	77.17	56.45	1993	66.12	81.06	51.48
1988	57.67	69.91	50.05	1994	88.14	111.53	65.98
1989	69.78	80.67	60.69	1995	83.03	93.51	75.84
1990	74.80	87.82	68.45	1996	71.59	78.11	68.00
1991	56.68	69.96	49.04				
1992	54.10	61.08	47.11				

[1] Prices are for mixed lots, net weight, uncompressed in warehouse. [2] Prices are for mixed lots, net weight, compressed, FOB car/truck.

AMS, Cotton Division, (901) 384–3016.

Table 2-20.—Cotton, American upland: Season average spot prices for the base quality, by designated markets, cents per pound, 1987–96 [1]

Market	Grade 41 Staple 34	Market	Grade 41 Staple 34					Color 41, Leaf 4, Staple 34 [3]			
	1987		1988 [2]	1989	1990	1991	1992	1993	1994	1995	1996
	Cents	*Cents*	*Cents*		*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Greenville	63.37	Southeast	57.26	70.64	75.90	57.70	56.73	67.46	87.17	83.86	72.33
Montgomery	62.79	North Delta	56.71	69.51	75.49	56.18	55.03	67.04	87.25	83.76	72.11
Memphis	62.54	South Delta	56.67	69.50	75.53	56.21	55.03	67.04	87.25	83.76	72.11
Greenwood	62.41	East TX–OK	55.88	67.11	71.40	55.63	53.78	66.22	86.96	80.89	70.29
Dallas	61.14	West Texas	55.77	67.06	71.09	55.79	53.53	65.92	86.66	80.64	69.98
Lubbock	61.09	Desert SW	59.67	71.19	75.90	57.77	51.61	64.16	87.96	80.90	69.88
Phoenix	65.69	SJ Valley	63.30	73.47	78.30	57.50	52.84	65.04	93.73	87.40	74.47
Fresno	66.02										
Average	63.13	Average	57.90	69.78	74.80	56.68	54.10	66.12	88.14	83.03	71.59

[1] Year beginning August 1. Prices are for mixed lots, net weight, uncompressed in warehouse. [2] Eleven-month average, Sept. 1988–July 1989. [3] Prices are for mixed lots, net weight, compressed, FOB car/truck.

AMS, Cotton Division, (901) 384–3016.

Table 2-21.—Cotton: Supply and distribution, by countries, 1995–96

Country	Beginning stocks Aug. 1	Production	Imports	Total supply	Consumption [1]	Exports	Ending stocks July 31	Total distribution
	1,000 bales [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]	*1,000 bales* [2]
Exporting countries:								
United States	2,609	18,942	403	21,954	11,118	6,865	3,971	21,954
Uzbekistan	1,304	4,750	5	6,059	800	4,550	709	6,059
Turkmenistan	407	600	0	1,007	180	400	427	1,007
Australia	747	2,788	1	3,536	210	2,450	876	3,536
Greece	439	1,382	46	1,867	564	900	403	1,867
Argentina	1,353	1,493	5	2,851	479	1,332	1,040	2,851
Tajikistan	92	410	0	502	45	400	57	502
Paraguay	92	207	25	324	70	200	54	324
Syria	243	1,125	0	1,368	345	800	223	1,368
Cote d'Ivoire	38	520	10	568	95	440	33	568
Mali	79	873	0	952	50	825	77	952
Benin	112	664	0	776	10	680	86	776
Azerbaijan	127	380	0	507	70	300	137	507
Sudan	36	460	0	496	60	360	76	496
Burkina	33	407	0	440	25	360	55	440
Chad	44	384	0	428	15	360	53	428
Cameroon	52	409	0	461	45	360	56	461
Kazakhstan	73	260	0	333	80	200	53	333
Togo	35	237	0	272	15	225	32	272
Tanzania	109	275	0	384	50	225	109	384
Iran	193	825	0	1,018	625	200	193	1,018
Egypt	275	1,568	25	1,868	925	205	738	1,868
Israel	53	250	30	333	120	160	53	333
Central Afr. Rep.	7	83	0	90	5	80	5	90
Senegal	15	74	0	89	30	45	14	89
Yemen	4	65	0	69	25	40	4	69
Mozambique	20	75	5	100	50	30	20	100
Bolivia	21	100	0	121	15	80	26	121
Kyrgyzstan	19	100	0	119	40	55	24	119
Zambia	12	75	0	87	60	15	12	87
Uganda	9	80	0	89	10	70	9	89
Others	3,603	14,516	107	18,226	13,294	1,675	3,257	18,226
Total exporting countries	12,255	54,377	662	67,294	29,525	24,887	12,882	67,294
Importing countries:								
China	13,202	19,300	3,613	36,115	21,000	10	15,105	36,115
Indonesia	124	17	2,147	2,288	2,186	0	102	2,288
Japan	407	0	1,346	1,753	1,380	0	373	1,753
Korea	547	1	1,504	2,052	1,475	65	512	2,052
Italy	272	1	1,560	1,833	1,570	25	238	1,833
Thailand	528	28	1,414	1,970	1,424	0	546	1,970
Russia	317	0	900	1,217	950	0	267	1,217
Brazil	1,145	1,300	2,429	4,874	3,900	0	974	4,874
Taiwan	213	0	1,350	1,563	1,325	4	234	1,563
Turkey	544	3,600	1,150	5,294	4,575	210	509	5,294
Portugal	289	0	775	1,064	789	0	275	1,064
Hong Kong	130	0	604	734	520	124	90	734
Germany	73	0	690	763	600	85	78	763
Pakistan	1,358	7,300	279	8,937	7,025	119	1,793	8,937
Spain	110	420	390	920	625	200	95	920
France	180	0	500	680	465	30	185	680
Bangladesh	42	94	540	676	633	0	43	676
Poland	21	0	375	396	365	5	26	396
Mexico	341	1,077	900	2,318	1,585	400	333	2,318
Malaysia	52	0	368	420	375	0	45	420
Philippines	100	4	350	454	350	0	104	454
Colombia	51	253	170	474	403	20	51	474
South Africa	62	165	200	427	360	0	67	427
Romania	96	0	275	371	270	0	101	371
Vietnam	53	5	260	318	260	0	58	318
Canada	24	0	260	284	260	0	24	284
Morocco	25	1	210	236	210	0	26	236
Austria	34	0	140	174	125	10	39	174
Belgium-Luxembourg	25	0	210	235	200	5	30	235
Switzerland	90	0	145	235	154	5	76	235
Algeria	22	0	130	152	130	0	22	152
Tunisia	23	10	125	158	130	0	28	158
Others	1,073	1,219	2,753	5,045	3,534	429	1,082	5,045
Total net importing countries	21,573	34,795	28,062	84,430	59,153	1,746	23,531	84,430
World total	33,828	89,172	28,724	142,657	88,678	26,633	36,413	142,657
Foreign (all countries) (world minus United States)	31,219	70,230	28,321	120,703	77,560	19,768	32,442	120,703

[1] Includes cotton destroyed or unaccounted for. [2] Bales of 480 pounds net weight.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516. 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 2-22.—Sugarbeets: Area, yield, production, marketing year average price per ton received by farmers, value, and sugar production, United States, 1988–97 [1]

Year	Area		Yield per harvested acre	Production	Price [2]	Value of production	Sugar production	
	Planted	Harvested					Raw value	Refined basis [3]
	1,000 acres	*1,000 acres*	*Tons*	*1,000 tons*	*Dollars*	*1,000 dollars*	*1,000 tons*	*1,000 tons*
1988	1,327.2	1,300.7	19.1	24,810	41.20	1,022,284	3,507	3,278
1989	1,324.4	1,294.5	19.4	25,131	42.10	1,058,298	3,442	3,217
1990	1,400.4	1,377.2	20.0	27,513	43.00	1,182,220	3,842	3,591
1991	1,427.4	1,386.7	20.3	28,203	38.50	1,085,728	3,729	3,485
1992	1,436.7	1,411.5	20.6	29,143	41.40	1,206,480	4,386	4,099
1993	1,437.7	1,409.4	18.6	26,249	39.00	1,023,687	4,047	3,792
1994	1,475.8	1,443.0	22.1	31,853	38.80	1,234,470	NA	NA
1995	1,444.6	1,420.1	19.8	28,065	38.10	1,070,663	NA	NA
1996	1,368.4	1,323.3	20.2	26,680	45.40	1,211,001	NA	NA
1997 [4]	1,459.2	1,427.8	20.9	29,874	NA	NA	NA	NA

[1] Relates to year of intended harvest except for overwintered spring planted beets in CA. [2] Prices do not include Government payments under the Sugar Act. [3] Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar. [4] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 2-23.—Sugarbeets: Area, yield, and production, by States, 1995–97 [1]

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	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*
CA	116.0	84.0	101.0	114.0	82.0	99.0	28.0	29.5	30.0	3,192	2,419	2,970
CO	42.8	54.8	67.9	41.1	51.1	66.4	17.4	20.2	19.7	715	1,032	1,308
ID	198.0	187.0	198.0	197.0	184.0	197.0	24.0	24.8	26.3	4,728	4,563	5,181
MI	190.0	153.0	163.0	188.0	130.0	160.0	15.8	15.1	19.0	2,970	1,963	3,040
MN	427.0	441.0	453.0	420.0	438.0	446.0	17.7	18.2	18.5	7,434	7,971	8,251
MT	55.7	57.7	59.9	55.5	57.5	58.3	21.5	22.6	21.0	1,193	1,300	1,224
NE	75.9	55.8	67.3	72.3	51.2	59.7	16.4	17.8	17.0	1,186	913	1,012
NM	.....	1.1	1.6	.....	0.9	1.6	.....	29.8	30.6	.....	27	49
ND	207.0	226.6	231.4	204.2	225.3	227.5	19.2	18.7	18.5	3,929	4,213	4,205
OH	16.3	4.9	0.9	15.3	4.6	0.9	15.0	18.8	19.0	230	86	17
OR	18.4	17.4	17.3	17.8	16.3	17.2	22.7	25.5	28.7	404	416	494
TX	20.2	14.1	16.5	19.3	12.6	15.0	18.2	19.2	19.5	351	242	293
WA	.....	13.0	18.4	.....	13.0	18.2	.....	35.5	32.5	.....	461	592
WY	63.0	58.0	63.0	61.5	56.8	61.0	20.3	18.9	20.3	1,249	1,074	1,238
Other [3]	14.3	.....	.....	14.1	.....	.....	34.3	.....	.....	484	.....	.....
US	1,444.6	1,368.4	1,459.2	1,420.1	1,323.3	1,427.8	19.8	20.2	20.9	28,065	26,680	29,874

[1] Relates to year of intended harvest except for overwintered spring planted beets in CA. [2] Preliminary. [3] Includes NM and WA.

NASS, Crops Branch, (202) 720–2127.

Table 2-24.—Sugarbeets: Production and value, by States, crop of 1995–96 [1]

State	Production		Marketing year average price per ton received by farmers		Value of production	
	1995	1996	1995	1996	1995	1996
	1,000 tons	*1,000 tons*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
CA	3,192	2,419	39.40	43.00	125,765	104,017
CO	715	1,032	35.40	41.20	25,311	42,518
ID	4,728	4,563	40.50	46.10	191,484	210,354
MI	2,970	1,963	33.80	41.60	100,386	81,661
MN	7,434	7,971	38.00	47.10	282,492	375,434
MT	1,193	1,300	39.90	48.10	47,601	62,530
NE	1,186	913	34.40	44.40	40,798	40,537
NM	(3)	27	(3)	31.70	(3)	856
ND	3,929	4,213	39.10	46.10	153,624	194,219
OH	230	86	(3)	42.00	(3)	3,612
OR	404	416	39.30	42.50	15,877	17,680
TX	351	242	36.50	32.50	12,812	7,865
WA	(3)	461	(3)	42.90	(3)	19,777
WY	1,249	1,074	37.70	46.50	47,087	49,941
Other States [2]	484	.....	38.40	.....	27,426	.....
US	28,065	26,680	38.10	45.40	1,070,663	1,211,001

[1] Relates to year of intended harvest except for overwintered spring planted beets in CA. [2] Includes NM and WA. [3] Included in other States.

NASS, Crops Branch, (202) 720–2127.

Table 2-25.—Sugarbeets: Area, yield, and production in specified countries, 1994/95–1996/97

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1994/95	1995/96	1996/97 [1]	1994/95	1995/96	1996/97 [1]	1994/95	1995/96	1996/97 [1]
	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*
North America:									
Canada	25	24	23	49.7	46.7	45.3	1,243	1,121	1,041
United States	584	575	536	49.7	44.3	45.2	29,024	25,460	24,202
Total	609	599	559	49.7	44.4	45.2	30,267	26,581	25,243
South America:									
Chile	53	53	50	63.3	65.8	64.0	3,357	3,486	3,200
European Community:									
Austria	52	52	52	49.3	55.5	60.2	2,561	2,885	3,131
Belgium-Luxembourg	101	104	103	56.7	60.5	59.2	5,729	6,291	6,100
Denmark	66	67	68	44.6	44.6	51.5	2,942	2,985	3,500
Finland	34	35	34	32.3	31.7	34.1	1,097	1,110	1,160
France	410	429	422	58.4	58.6	57.8	23,943	25,121	24,400
Germany	506	519	514	47.8	50.2	52.5	24,211	26,049	27,000
Greece	40	42	40	58.5	61.0	59.5	2,340	2,561	2,380
Ireland	36	35	34	38.6	44.2	41.8	1,390	1,547	1,420
Italy	285	285	248	41.8	45.4	45.0	11,905	12,932	11,150
Netherlands	115	116	116	53.5	55.6	58.0	6,149	6,449	6,728
Portugal	1	1	1	53.0	80.0	55.0	53	80	55
Spain	180	173	160	45.0	43.1	48.1	8,100	7,450	7,700
Sweden	53	57	59	44.4	43.5	46.4	2,355	2,478	2,740
United Kingdom	170	170	170	49.2	49.6	49.4	8,360	8,360	8,432
Total EC	2,049	2,085	2,021	49.4	51.0	52.4	101,135	106,298	105,896
Western Europe:									
Switzerland	14	14	17	64.3	64.3	70.6	900	1,200	1,200
Albania	7	7	7	21.4	21.4	21.4	150	150	150
Bulgaria	8	9	8	13.1	15.0	17.5	105	135	140
Czech Republic	91	93	104	35.6	39.9	41.5	3,240	3,712	4,316
Hungary	106	122	118	33.9	36.6	39.7	3,593	4,460	4,687
Poland	400	384	451	29.1	34.7	38.7	11,630	13,309	17,460
Romania	125	133	135	21.3	20.0	20.3	2,664	2,655	2,735
Slovakia	34	35	42	32.5	33.6	42.4	1,105	1,176	1,780
Yugoslavia	115	94	106	28.7	25.8	35.0	3,300	2,425	3,710
East Europe	886	877	971	29.1	32.0	36.0	25,787	28,022	34,978
Baltics:									
Latvia	20	20	20	15.0	15.0	13.5	300	300	270
Lithuania	31	32	32	12.7	25.9	25.1	550	830	800
Total	51	52	52	16.7	21.7	20.6	850	1,130	1,070
FSU–12:									
Belarus	58	55	59	15.5	21.3	18.6	900	1,172	1,100
Kazakstan	55	55	50	7.8	6.7	12.0	428	371	600
Kyrgyzstan	12	12	12	9.2	10.8	17.9	110	130	215
Moldova	75	74	75	20.4	25.9	24.0	1,527	1,913	1,800
Russia	1,104	1,085	1,013	12.6	17.6	16.3	13,945	19,107	16,500
Ukraine	1,485	1,448	1,390	18.6	19.3	18.3	27,804	28,000	25,500
Total FSU—12	2,789	2,729	2,599	16.0	18.6	17.6	44,514	50,693	45,715
North Africa:									
Algeria	6	6	6	18.3	18.3	18.3	110	110	110
Egypt	20	20	22	42.5	37.5	40.9	850	750	900
Morocco	63	58	56	49.9	46.8	49.1	3,144	2,717	2,750
Tunisia	5	6	7	46.2	42.5	42.9	255	300	300
Total	94	90	91	46.4	42.6	44.6	4,359	3,877	4,060
Middle East:									
Iran	150	150	150	33.3	32.0	28.0	5,000	4,800	4,200
Lebanon	10	10	10	18.0	20.0	20.0	180	200	200
Syria	34	34	34	43.4	43.4	44.1	1,474	1,474	1,500
Turkey	405	309	419	31.5	35.6	34.3	12,757	10,989	14,383
Total	599	503	613	32.4	34.7	33.1	19,411	17,463	20,283
Asia:									
China	575	690	656	21.6	20.3	25.5	12,406	13,984	16,726
Japan	70	70	70	55.0	54.5	47.1	3,853	3,813	3,295
Pakistan	7	8	8	27.7	25.0	25.0	194	200	200
Total	655	771	737	25.2	23.4	27.5	16,488	18,032	20,256
Grand Total	7,799	7,773	7,710	31.7	33.0	34.0	247,044	256,437	261,903

[1] Preliminary. [2] Quantity for processing.

FAS, Horticulture and Tropical Products Division, (202) 720–0875. 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 2-26.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1988–97

Year [1]	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*
1988	793.6	51.7	845.3	35.9	27.6	35.4	28,479	1,425	29,904
1989	803.3	48.6	851.9	34.9	27.9	34.5	28,069	1,357	29,426
1990	726.4	67.8	794.2	36.4	24.5	35.4	26,475	1,661	28,136
1991	849.6	47.3	896.9	34.1	27.3	33.7	28,960	1,292	30,252
1992	870.4	54.8	925.2	33.2	27.2	32.8	28,873	1,490	30,363
1993	893.3	55.0	948.3	33.2	26.3	32.8	29,652	1,449	31,101
1994	881.7	55.1	936.8	33.4	27.7	33.0	29,405	1,524	30,929
1995	874.7	57.6	932.3	33.3	28.5	33.0	29,155	1,641	30,796
1996	829.5	59.4	888.9	33.4	29.9	33.1	27,686	1,776	29,462
1997 [2]	862.5	53.0	915.5	34.2	30.8	34.0	29,492	1,632	31,124

Year [1]	Marketing year average price received by farmers per ton of sugarcane [3]	Value of production		Sugar production			Molasses [7]
		Of cane used for sugar	Of cane used for sugar and seed [4]	Raw value [5]		Refined basis [6]	
				Total	Per ton of cane		
	Dollars	*1,000 dollars*	*1,000 dollars*	*1,000 tons*	*Pounds*	*1,000 tons*	*1,000 gallons*
1988	29.40	836,810	877,815	3,398	239	3,176	191,208
1989	29.20	819,057	857,678	3,176	226	2,967	192,741
1990	30.80	815,630	863,498	3,152	238	2,945	178,273
1991	29.00	840,194	876,479	3,430	237	3,206	187,629
1992	28.10	811,350	852,235	3,373	234	3,152	181,668
1993	28.50	846,132	886,285	3,482	235	3,255	194,247
1994	29.20	857,438	900,827	NA	NA	NA	NA
1995	29.50	859,604	906,956	NA	NA	NA	NA
1996	28.30	784,087	833,245	NA	NA	NA	NA
1997	NA	NA	NA	NA	NA	NA	NA

[1] 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. [2] Preliminary. [3] Prices do not include Government payments under the Sugar Act. [4] Price per ton of cane for sugar used in evaluating value of production for seed. [5] Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948. [6] Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar. [7] Excludes edible. NA-not available.

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Table 2-27.—Sugarcane for sugar and seed: Production and value, by States, crop of 1995–96

State	Sugarcane for sugar						Sugar and seed: Value of production [1]	
	Production		Price per ton		Value of production			
	1995	1996	1995	1996	1995	1996	1995	1996
	1,000 tons	*1,000 tons*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
FL	14,445	13,803	30.60	29.40	442,017	405,808	462,733	426,241
HI	3,953	3,544	32.30	30.50	127,682	108,092	131,461	110,990
LA	9,421	9,347	27.00	26.20	254,367	244,891	276,480	270,463
TX	1,336	992	26.60	25.50	35,538	25,296	36,282	25,551
Total	29,155	27,686	29.50	28.30	859,604	784,087	906,956	833,245

[1] Price per ton of cane for sugar used in evaluating value of production for seed.

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Table 2-28.—Sugarcane for sugar and seed: Area, yield, and production, by States, 1995–97

State	Sugarcane for sugar and seed [1]								
	Area harvested			Yield of cane per acre			Cane production		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
For sugar:									
FL	417.0	417.0	421.0	34.6	33.1	35.5	14,445	13,803	14,946
HI	48.5	42.9	32.0	81.5	82.6	87.0	3,953	3,544	2,784
LA	368.0	335.0	380.0	25.6	27.9	28.7	9,421	9,347	10,906
TX	41.2	34.6	29.5	32.4	28.7	29.0	1,336	992	856
US	874.7	829.5	862.5	33.3	33.4	34.2	29,155	27,686	29,492
For seed:									
FL	20.0	21.0	18.0	33.9	33.1	35.5	677	695	639
HI	4.5	3.1	3.0	26.0	30.6	28.7	117	95	86
LA	32.0	35.0	30.0	25.6	27.9	28.7	819	976	861
TX	1.1	0.3	2.0	25.5	33.3	23.0	28	10	46
US	57.6	59.4	53.0	28.5	29.9	30.8	1,641	1,776	1,632
For sugar and seed:									
FL	437.0	438.0	439.0	34.6	33.1	35.5	15,122	14,498	15,585
HI	53.0	46.0	35.0	76.8	79.1	82.0	4,070	3,639	2,870
LA	400.0	370.0	410.0	25.6	27.9	28.7	10,240	10,323	11,767
TX	42.3	34.9	31.5	32.2	28.7	28.6	1,364	1,002	902
US	932.3	888.9	915.5	33.0	33.1	34.0	30,796	29,462	31,124

[1] 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. [2] Preliminary.

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Table 2-29.—Sugarcane: Area, yield, and production in specified countries, 1994/95–1996/97

Continent and country	Area			Yield per hectare			Production [2]		
	1994/95	1995/96	1996/97 [1]	1994/95	1995/96	1996/97 [1]	1994/95	1995/96	1996/97 [1]
	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*
North America:									
Mexico	521	574	585	77.0	70.0	72.1	40,134	40,185	42,170
Hawaii	20	17	13	179.3	210.9	247.3	3,586	3,585	3,215
United States	341	341	324	66.7	67.7	68.8	22,737	23,088	22,304
Total	882	933	923	75.0	71.9	73.3	66,123	67,039	67,662

See footnotes at end of table.

Table 2-29.—Sugarcane: Area, yield, and production in specified countries, 1994/95–1996/97—Continued

Continent and country	Area			Yield per hectare			Production [2]		
	1994/95	1995/96	1996/97 [1]	1994/95	1995/96	1996/97 [1]	1994/95	1995/96	1996/97 [1]
	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*
South America:									
Argentina	240	250	260	46.7	54.8	52.3	11,200	13,700	13,600
Brazil	1,500	1,560	1,535	62.0	59.6	66.4	93,000	93,000	102,000
Colombia	130	136	143	132.3	128.0	123.0	17,200	17,535	17,710
Ecuador	49	55	57	70.5	72.0	77.2	3,456	3,960	4,400
Guyana	45	43	43	65.7	74.9	76.7	2,956	3,222	3,300
Peru	54	59	54	107.9	107.2	113.3	5,827	6,325	6,119
Venezuela	113	114	116	60.9	60.0	60.0	6,879	6,844	6,960
Other	102	103	103	45.9	42.7	42.7	4,680	4,400	4,400
Total	2,233	2,320	2,311	65.0	64.2	68.6	145,132	148,986	158,489
Central America:									
Belize	25	25	25	41.8	41.8	41.8	1,045	1,045	1,045
Costa Rica	38	39	39	85.1	88.2	88.7	3,233	3,439	3,460
El Salvador	48	46	51	66.4	68.6	77.3	3,186	3,156	3,940
Guatemala	150	163	178	84.9	78.8	81.9	12,736	12,852	14,506
Honduras	30	30	31	83.9	86.5	86.6	2,517	2,594	2,685
Nicaragua	43	44	51	62.8	79.5	76.5	2,700	3,500	3,900
Panama	35	37	39	41.9	42.8	42.5	1,450	1,550	1,670
Total	369	384	414	72.8	73.3	75.6	26,867	28,136	31,286
Caribbean:									
Cuba	1,300	1,300	1,300	30.0	35.0	34.6	39,000	45,500	45,000
Dominican Republic	208	210	220	26.0	29.2	30.1	5,400	6,130	6,620
Haiti	25	5	5	12.0	25.0	25.0	300	100	100
Jamaica	40	40	40	57.4	63.8	67.5	2,294	2,550	2,700
Other	22	53	55	101.2	52.0	54.2	2,226	2,757	2,980
Total	1,595	1,608	1,620	30.9	35.5	35.4	49,220	57,037	57,400
Western Europe:									
Spain	2	1	2	85.0	80.0	75.0	170	80	150
Africa:									
Cote d'Ivoire	20	20	20	70.0	70.0	70.0	1,400	1,400	1,400
Egypt	105	101	102	85.4	85.7	87.3	8,970	8,658	8,900
Ethiopia	25	25	25	92.0	92.0	92.0	2,300	2,300	2,300
Kenya	57	56	39	62.1	61.4	94.8	3,541	3,440	3,697
Mauritius	75	75	77	66.7	69.3	75.1	5,000	5,200	5,780
Reunion	27	26	26	61.3	65.4	73.1	1,655	1,700	1,900
South Africa	284	273	301	55.2	61.2	69.6	15,683	16,714	20,951
Sudan	50	50	50	100.0	100.0	100.0	5,000	5,000	5,000
Swaziland	37	37	37	102.7	100.0	100.0	3,800	3,700	3,900
Zimbabwe	36	34	34	117.9	80.9	116.0	4,244	3,773	2,750
Other Africa	270	270	275	48.1	50.3	48.2	13,000	13,572	13,255
Total	986	967	983	65.5	67.7	70.8	64,593	65,457	69,633
Asia:									
Bangladesh	60	65	65	50.0	50.8	50.8	3,000	3,000	3,300
China	1,035	1,025	1,189	58.3	63.8	56.2	60,300	65,412	66,876
India	2,248	2,552	2,120	71.0	72.4	69.7	159,593	184,708	147,858
Indonesia	405	400	403	75.4	75.0	71.0	30,545	30,000	28,604
Japan	25	24	24	64.0	67.3	54.0	1,601	1,616	1,296
Malaysia	18	18	18	56.7	58.3	56.8	1,020	1,050	1,080
Pakistan	732	599	554	46.7	47.0	46.2	34,193	28,151	25,580
Philippines	375	368	373	49.1	62.2	58.7	18,415	22,907	21,901
Taiwan	54	47	45	81.8	84.7	82.0	4,417	3,981	3,690
Thailand	940	960	965	53.7	60.1	58.2	50,659	57,693	56,192
Vietnam	145	160	170	53.1	55.9	55.9	7,000	8,500	9,500
Other Asia	47	47	158	44.3	50.6	13.2	2,080	2,380	2,080
Total	6,084	6,265	5,974	61.2	65.3	61.6	372,623	409,398	367,957
Oceania:									
Australia	365	383	401	95.5	97.6	99.6	34,860	37,378	39,930
Fiji	60	58	55	66.7	69.0	67.3	4,000	4,000	3,700
Other Oceania	4	4	4	75.0	75.0	75.0	300	300	300
Total	429	445	460	91.3	93.7	95.5	39,160	41,678	43,930
Grand total	12,637	12,980	12,739	60.6	63.2	62.7	766,373	820,296	798,552

[1] Preliminary. [2] Quantity for processing.

FAS, Horticulture and Tropical Products Division, (202) 720–0875. 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 2-30.—Sugar: Production in specified countries, 1994/95–1996/97 [1]

Continent and country	1994/95	1995/96	1996/97 [2]
CENTRIFUGAL SUGAR (raw value) [3]	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
North and Central America and Caribbean:			
Canada	171	151	145
Costa Rica	331	353	355
Cuba	3,300	4,450	4,400
Dominican Republic	482	590	655
El Salvador	312	310	389
Guatemala	1,333	1,334	1,442
Honduras	214	235	264
Jamaica	212	238	240
Mexico	4,556	4,660	4,670
Nicaragua	250	301	358
Panama	135	159	178
Trinidad and Tobago	117	118	122
United States	7,194	6,686	6,532
Other North and Central America and Caribbean	228	258	255
Total	18,835	19,843	20,015
South America:			
Argentina	1,180	1,590	1,380
Brazil	12,500	13,700	14,650
Chile	505	598	473
Colombia	2,071	2,002	2,044
Ecuador	339	373	451
Guyana	254	280	288
Peru	641	641	610
Venezuela	530	550	560
Other S.A	121	152	136
Total	18,411	20,151	20,857
European Community:			
Belgium-Luxembourg	945	965	1,036
Denmark	487	470	548
France	4,363	4,564	4,594
Germany	3,991	4,159	4,558
Greece	277	312	288
Ireland	232	241	247
Italy	1,622	1,621	1,561
Netherlands	1,050	1,074	1,125
Portugal	4	5	3
Spain	1,214	1,193	1,332
United Kingdom	1,373	1,322	1,608
Total Western Europe [4]	16,661	17,106	18,213
Albania	10	10	10
Bulgaria	13	15	9
Czech Republic	375	477	610
Hungary	425	484	490
Poland	1,492	1,714	2,497
Romania	212	270	300
Slovakia	130	145	246
Yugoslavia	340	242	409
Total Eastern Europe	2,997	3,357	4,571
Baltics:			
Latvia	30	35	35
Lithuania	50	80	70
Total Baltics	80	115	105
FSU—12:			
Belarus	107	152	140
Kazakstan	60	50	65
Kyrgzstan	11	15	15
Moldova	160	190	190
Russia	1,655	2,060	1,750
Ukraine	3,600	3,800	2,900
Total FSU—12	5,593	6,267	5,060
Africa:			
Cote d'Ivoire	150	130	150
Egypt	1,088	1,092	1,184
Ethiopia	200	200	170
Kenya	302	386	388
Mauritius	532	572	625
Reunion	165	209	229
South Africa	1,770	1,769	2,408
Sudan	470	500	500
Swaziland	495	447	502
Zimbabwe	524	534	337
Other Africa	1,661	1,664	1,665
Total Africa	7,357	7,503	8,158
Asia:			
Bangladesh	290	200	150
China (Mainland)	5,900	6,686	7,085
India	16,410	18,225	14,686
Indonesia	2,450	2,090	2,095
Japan	817	901	765
Malaysia	102	105	108
Pakistan	3,212	2,643	2,370
Phillippines	1,647	1,787	1,800
Taiwan	441	392	340
Thailand	5,448	6,223	6,255
Vietnam	450	535	600
Other Asia	175	178	175
Total Asia	37,342	39,962	36,429
Oceania:			
Australia	5,196	5,049	5,491
Fiji	535	481	470
Others	35	35	35
Total Oceania	5,766	5,565	5,996
World total	115,765	122,335	122,280

[1] Crop years are on a September/August basis, but include the outturn of sugar from harvests of several Southern Hemisphere countries which begin prior to September. [2] Preliminary. [3] 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. [4] Total Western Europe includes Austria, Finland, Sweden, and non-EU member Switzerland.

FAS, Horticulture and Tropical Products Division, (202) 720–0875. 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 2-31.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, 1994–96 [1]

Country or area of supply	1994	1995	1996
	1,000 tons	*1,000 tons*	*1,000 tons*
Argentina	93	96	102
Australia	185	186	204
Belize	25	24	27
Boliva	18	18	19
Brazil	323	324	356
Colombia	53	53	59
Congo	6	8	6
Costa Rica	33	33	37
Cote d'Ivoire	.....	8	0
Dominican Republic	330	393	368
Ecuador	25	25	27
El Salvador	58	58	64
Fiji Islands	12	20	13
Guatemala	107	107	118
Guyana	22	27	25
Honduras	20	22	22
India	14	18	16
Jamaica	24	24	26
Madagascar	7	8	8
Malawi	18	12	20
Mauritius	23	27	26
Mexico	7	26	8
Mozambique	26	29	29
Nicaragua	46	47	51
Panama	48	61	53
Papua New Guinea	.....	8	0
Paraguay	7	8	8
Peru	85	92	93
Philippines	237	281	259
St. Kitts and Nevis	32	8	5
South Africa	4	51	35
Swaziland	24	36	26
Taiwan	27	27	29
Thailand	31	31	34
Trinidad-Tobago	16	16	17
Uruguay	7	8	8
Zimbabwe	14	27	16
Other countries	20	28	25
Total foreign countries	2,026	2,272	2,240
Domestic areas:			
Mainland (beet)	4,329	4,645	4,007
Mainland and Hawaii (cane)	5,491	5,363	6,044
Puerto Rico	51	49	44
Total domestic areas	9,871	10,057	10,095
Grand total	11,897	12,329	12,335

[1] Raw value is the equivalent in terms of 96° sugar.

FSA, Dairy and Sweeteners Analysis Division, (202) 720–6733 (Domestic). FAS, (202) 720-1061 (Imports).

Table 2-32.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1988–97

Item and year	Cane sugar refineries	Beet sugar factories	Importers of direct consumption sugar	Mainland cane sugar mills [1]	Total
JAN. 1 STOCKS [2]	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
1988	184	1,546	0	.....	1,730
1989	187	1,372	0	.....	1,559
1990	155	1,412	0	.....	1,567
1991	168	1,327	0	.....	1,495
1992	191	1,336	0	12	1,539
1993	178	1,640	0	14	1,832
1994	218	1,696	0	13	1,927
1995	192	1,600	0	13	1,805
1996	195	1,383	0	12	1,590
1997	196	1,520	0	18	1,734
PRODUCTION OR RECEIPTS					
1987	4,960	3,912	18	.....	8,890
1988	4,701	3,717	20	.....	8,438
1989	5,311	3,500	76	.....	8,887
1990	5,611	3,526	39	.....	9,176
1991	5,525	3,771	30	.....	9,326
1992	5,209	4,133	52	15	9,409
1993	4,760	4,249	51	14	9,074
1994	5,531	4,269	78	20	9,898
1995	5,366	4,471	44	14	9,895
1996	6,074	4,149	48	.....	10,271
DELIVERIES [3]					
1987	4,454	3,656	18	4	8,131
1988	4,290	3,832	20	5	8,147
1989	4,764	3,449	76	6	8,295
1990	4,998	3,570	39	8	8,615
1991	4,786	3,713	30	11	8,540
1992	5,167	3,661	52	11	8,891
1993	4,673	3,954	51	15	8,693
1994	5,530	4,329	78	12	9,949
1995	5,397	4,645	44	15	10,101
1996	6,074	4,007	48	14	10,143

[1] Sugar for human consumption only. Cane sugar mills stocks and production not separately reported. [2] Stocks include sugar in bond and in Customs custody and control. [3] Consists of all refined sugar.

FSA, Dairy and Sweeteners Analysis, (202) 720–6733.

Table 2-33.—Sugar, cane (raw value [1]): Refiners' raw stocks, receipts, meltings, continental United States, 1987–96

Year	Jan. 1 stocks	Receipts [2]	Meltings
	1,000 tons	*1,000 tons*	*1,000 tons*
1987	516	4,862	4,977
1988	401	4,774	4,689
1989	487	5,226	5,350
1990	381	5,565	5,654
1991	292	5,401	5,578
1992	619	5,730	5,637
1993	507	5,113	5,225
1994	438	5,420	5,425
1995	448	5,220	5,323
1996	334	6,071	6,072

[1] Raw value is the equivalent in terms of 96° sugar. [2] 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.

FSA, Dairy and Sweeteners Analysis, (202) 720–6733.

Table 2-34.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States includes Puerto Rico, 1987–96

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments	Domestic disappearance	
			Foreign sources	Puerto Rico		Total deliveries	Per capita consumption (refined)
	1,000 short tons	*1,000 short tons*	*1,000 short tons*	*1,000 short tons*	*1,000 short tons*	*1,000 short tons*	*Pounds*
1987	7,405	3,238	1,546	12	517	8,311	63.1
1988	7,187	3,206	1,388	19	356	8,315	62.6
1989	6,933	3,152	1,913	12	526	8,467	63.1
1990	6,395	2,961	2,765	0	564	8,789	64.8
1991	7,214	2,746	2,596	0	613	8,835	64.4
1992	7,568	3,056	2,256	0	532	9,076	65.4
1993	7,829	3,242	2,018	0	358	9,138	65.2
1994	7,669	3,512	1,771	0	480	9,321	65.8
1995	7,977	3,139	1,759	0	400	9,451	66.2
1996 [1]	7,268	2,904	2,940	0	331	9,634	66.9

[1] Preliminary

ERS, Specialty Crops Branch, (202) 694–5251.

Table 2-35.—Sugar, centrifugal (raw value): International trade in marketing years 1994/95–1996/97

Continent and country	1994/95		1995/96		1996/97 [1]	
	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 and Central America:						
Belize	98	0	98	0	100	0
Canada	46	1,020	35	1,192	32	1,103
Costa Rica	158	0	158	0	165	0
El Salvador	118	0	94	0	185	0
Guatemala	931	0	923	0	1,017	0
Honduras	15	14	22	0	56	0
Mexico	235	15	640	180	550	100
Nicaragua	111	0	115	0	158	0
Panama	55	0	64	0	78	0
United States	472	1,664	327	2,536	227	2,480
Total North and Central America	2,239	2,713	2,476	3,908	2,568	3,683
Caribbean:						
Barbados	40	15	62	20	60	10
Cuba	2,600	0	3,750	0	3,500	0
Dominican Republic	295	65	325	60	357	0
Haiti	0	40	0	65	0	65
Jamaica	145	48	170	69	181	68
St. Kitts and Nevis	17	0	17	0	17	0
Trinidad and Tobago	54	22	74	35	68	30
Other Caribbean	0	32	0	36	0	38
Total Caribbean	3,151	222	4,398	285	4,183	211
South America:						
Argentina	55	180	170	20	190	50
Brazil	4,300	55	5,800	0	5,800	0
Chile	0	74	0	134	0	231
Colombia	523	54	596	45	590	0
Ecuador	17	93	22	52	40	0
Guyana	227	7	257	7	265	8
Peru	76	368	65	240	83	314
Venezuela	53	245	76	331	53	220
Other South America	73	95	297	306	55	97
Total South America	5,324	1,171	7,283	1,135	7,076	920
Europe:						
Total EU [2]	5,449	2,137	4,659	1,813	5,752	1,550
Cyprus	0	23	0	25	0	25
Iceland	0	14	0	15	0	15
Malta and Gozo	0	17	0	20	0	20
Norway	0	165	0	170	0	175
Switzerland	0	150	0	160	0	114
Turkey	126	322	50	500	75	0
Other Western Europe	0	0	0	0	0	0
Total Western Europe	5,575	2,828	4,709	2,703	5,827	1,899
Albania	0	40	0	45	0	45
Bulgaria	124	400	124	400	161	264
Czech Republic	31	11	26	22	135	15
Hungary	20	5	30	0	20	0
Poland	65	166	5	59	545	35
Romania	0	197	0	200	0	220
Slovakia	0	80	0	65	0	30
Fmr. Yugoslavia	0	140	0	268	15	150
Total Eastern Europe	240	1,039	185	1,059	876	759
Republics of the Former Soviet Union:						
Russia	100	2,700	100	3,200	100	1,750
Ukraine	1,700	200	1,800	300	1,100	500
Other FSU Republics	39	1,993	40	1,835	30	3,520
Total Republics of FSU	1,839	4,893	1,940	5,335	1,230	5,770

See footnotes at end of table.

Table 2-35.—Sugar, centrifugal (raw value): International trade in marketing years 1994/95–1996/97—Continued

Continent and country	1994/95		1995/96		1996/97 [1]	
	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*
Africa:						
Algeria	100	990	90	1,000	100	1,000
Angola	0	62	0	65	0	65
Cote d'Ivoire	20	15	5	30	10	30
Egypt	63	584	3	617	60	570
Ethiopia	50	0	50	0	50	30
Ghana	0	90	0	100	0	90
Kenya	0	228	0	178	24	65
Libya	0	210	0	215	0	220
Madagascar	30	40	30	40	30	40
Malawi	45	0	50	0	45	0
Mauritius	508	0	560	31	575	0
Morocco	0	455	0	477	0	471
Mozambique	25	60	25	55	25	60
Nigeria	30	460	12	447	10	470
Senegal	0	40	0	45	0	30
Sierra Leone	0	15	0	15	0	15
South Africa	369	0	399	23	1,059	53
Sudan	40	0	60	0	50	0
Swaziland	296	0	307	0	293	0
Tunisia	0	210	0	230	0	230
Tanzania, United Republic	13	58	15	105	15	115
Zaire	0	45	0	30	0	20
Zimbabwe	250	0	187	0	157	73
Other Africa	215	543	185	607	169	580
Total Africa	2,054	4,105	3,258	4,204	2,672	4,227
Asia:						
Afghanistan	0	104	0	115	0	120
Bangladesh	0	40	0	140	0	180
China (Mainland)	414	3,500	900	2,500	312	2,054
Hong Kong	50	222	50	225	50	225
India	40	685	940	0	550	0
Indonesia	0	301	0	919	0	1,280
Iran	0	800	0	940	0	1,150
Iraq	0	483	0	490	0	490
Israel	0	300	0	305	0	315
Japan	3	1,703	4	1,673	4	1,683
Jordan	0	182	0	185	0	190
Korea, Republic of	305	1,345	276	1,411	296	1,500
Kuwait	0	60	0	65	0	70
Lebanon	0	100	0	90	0	90
Malaysia	95	1,030	110	1,120	150	1,195
Philippines	150	40	235	827	250	120
Saudi Arabia	0	490	0	525	0	540
Singapore	20	218	20	220	20	220
Sri Lanka	0	400	0	405	0	410
Syria	0	380	0	400	0	416
Taiwan	14	93	20	105	20	170
Thailand	3,809	0	4,500	0	4,750	0
Vietnam	0	160	0	140	0	80
Yemen	0	360	0	355	0	368
Other Asia	760	1,876	306	2,457	351	2,323
Total Asia	5,660	14,872	7,361	15,612	6,753	15,189
Oceania:						
Australia	4,321	2	4,242	2	4,385	2
Fiji	512	0	434	15	410	0
New Zealand	3	170	3	170	5	175
Other Oceania	9	17	439	40	5	20
Total Oceania	4,845	189	4,684	207	4,805	197
World total [3]	30,927	32,032	36,294	34,448	35,990	32,855

[1] Preliminary. [2] Does not include trade between EC countries. [3] World total may include countries not specified separately.

FAS, Horticultural and Tropical Product Division, (202) 720–3423. Data from Foreign Agricultural Service.

Table 2-36.—Sugar (raw and refined): Average price per pound at specified markets, 1988–97

Year	Wholesale price: Cane sugar: Raw, 96 1/2 centrifugal: Caribbean ports, f.o.b. and stowed	Wholesale price: Cane sugar: Raw, 96 1/2 centrifugal: New York, c.i.f. duty paid	Wholesale price: Refined beet: mid-west	Retail price, granulated: United States
	Cents	*Cents*	*Cents*	*Cents*
1988	10.17	22.1	25.4	36.6
1989	12.79	22.8	29.1	40.0
1990	12.55	23.3	30.0	42.8
1991	9.04	21.6	25.7	42.8
1992	9.09	21.3	25.4	41.5
1993	10.03	21.6	25.1	40.5
1994	12.13	22.0	25.1	39.9
1995	13.44	22.9	25.8	39.8
1996	12.24	22.40	29.2	41.8
1997	12.06	21.96	25.50	43.3

ERS, Specialty Crops Branch, (202)694–5251. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; and U.S. Department of Labor, Bureau of Labor Statistics.

Table 2-37.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1994–96 [1]

Country of origin	1994	1995	1996
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North and South America, including Caribbean area:			
Argentina	65	95	130
Belize	16	14	28
Brazil	108	221	406
Canada	60	24	8
Colombia	46	178	130
Costa Rica	77	25	172
Dominican Republic	256	187	353
Ecuador	19	15	45
El Salvador	55	59	106
Guatemala	213	101	324
Guyana	23	6	23
Mexico	0	21	45
Nicaragua	57	36	100
Peru	68	75	88
Other America	106	112	161
Total	1,169	1,169	2,119
Africa:			
Malawi	9	0	18
Mauritius	13	3	25
Mozambique	41	48	27
South Africa	0	24	139
Swaziland	39	19	19
Zimbabwe	40	16	64
Other Africa	20	9	5
Total	162	119	297
Asia and Oceania:			
Australia	55	141	280
Philippines	106	144	278
Thailand	14	16	32
Taiwan	11	15	28
Other Asia and Oceania	20	11	37
Total	206	337	655
World total [2]	1,537	1,625	3,071

[1] Includes raw sugar imports and refined sugar imports converted to raw basis. [2] World total may include countries not specified separately.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 2-38.—Sugar, centrifugal (raw value): Beginning stocks in marketing years 1995/96–1997/98

Country	1995/96	1996/97	1997/98
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	117	123	220
Mexico	575	601	714
United States	1,214	1,126	1,354
Total	1,906	1,850	2,288
Caribbean:			
Barbados	2	2	4
Cuba	170	400	400
Dominican Republic	146	92	121
Haiti	5	5	10
Jamaica	21	7	12
Trinidad/Tobago	2	7	6
Other	20	20	21
Total	366	533	574
Central America:			
Belize	9	5	5
Costa Rica	90	70	71
El Salvador	27	11	15
Guatemala	68	75	70
Honduras	16	41	52
Nicaragua	27	16	36
Panama	17	11	19
Total	254	229	268
South America:			
Argentina	53	48	138
Bolivia	87	87	77
Brazil	455	710	510
Chile	156	120	132
Colombia	118	376	297
Ecuador	50	61	64
Guyana	2	6	6
Paraguay	14	8	22
Peru	85	198	224
Surinam	3	3	3
Uruguay	20	22	17
Venezuela	78	40	87
Total	1,121	1,679	1,577
Total EU:	3,004	1,794	2,066
Western Europe:			
Iceland	5	5	5
Norway	11	11	11
Sweden	0	0	0
Switzerland	139	124	124
Other	5	5	7
Total	160	145	147
Eastern Europe:			
Albania	6	6	11
Bulgaria	50	60	60
Czech Republic	54	3	10
Hungary	61	71	105
Poland	250	112	118
Romania	15	10	15
Slovakia	40	40	40
Fmr. Yugoslavia	30	30	40
Total	506	332	399
Republics of the Former Soviet Union:			
Russia	1,520	875	1,035
Ukraine	570	370	420
Other FSU Republics	459	341	318
Total	2,549	1,586	1,773
North Africa:			
Algeria	105	95	100
Egypt	180	169	228
Morocco	186	161	174
Sudan	33	33	43
Tunisia	76	67	67
Other	55	55	55
Total	635	580	667
Sub-Saharan Africa:			
Cote d'Ivoire	47	27	22
Ethiopia	25	25	25
Ghana	12	12	12
Kenya	8	8	32
Mozambique	7	2	2
Nigeria	140	140	130
Senegal	20	20	20
Sierra Leone	5	5	5
South Africa	288	374	374
Swaziland	18	51	21
Tanzania, Republic of	12	12	32
Zaire	15	28	23
Zimbabwe	25	27	55
Other	238	205	216
Total	860	936	969
Middle East:			
Iran	40	270	300
Iraq	10	10	12
Israel	73	71	69
Saudi Arabia	80	75	80
Turkey	177	221	428
Other	557	193	199
Total	937	840	1,088
Asia:			
Afghanistan	30	30	40
Bangladesh	58	56	56
China (Mainland)	1,168	3,215	2,648
Hong Kong	20	18	18
India	2,776	5,990	8,455
Indonesia	414	365	474
Japan	140	137	187
Korea, Republic of	102	127	140
Malaysia	256	263	287
Philippines	412	100	634
Singapore	25	23	23
Sri Lanka	60	60	60
Taiwan	139	159	136
Thailand	367	506	669
Vietnam	77	67	82
Other	634	622	608
Total	6,738	11,798	14,577
Oceania:			
Australia	125	152	101
Fiji	25	8	20
New Zealand	40	40	37
Other	13	11	14
Total	203	211	172
World total	19,239	22,513	26,565

FAS, Horticultural and Tropical Products Division, (202) 720–3423.

Table 2-39.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1994–96 [1]

Country of destination	1994	1995	1996
	Metric tons	*Metric tons*	*Metric tons*
North America, including Caribbean areas:			
Bahamas	4,923	5,434	5,090
Barbados	3,811	5,621	2,023
Canada	154,798	108,408	20,168
Dominican Republic	39,944	22,001	14,036
Haiti	42,235	64,830	32,955
Jamaica	45,578	47,627	42,672
Leeward and Windward Islands	664	698	1,578
Mexico	29,301	33,880	29,458
Netherlands Antilles	3,223	3,167	4,801
Trinidad and Tobago	0	2,203	138
Other	1,370	2,943	764
Total	325,848	296,312	153,684
South America:			
Chile	14,608	35	5,218
Guyana	0	221	2,496
Peru	55,802	33,850	20,201
Other	313	6,060	5,852
Total	70,722	40,166	33,767
Europe:			
Germany	52	1,259	1,514
Netherlands	461	1,599	1,446
United Kingdom	154	191	356
Other	348	152	3,941
Total	1,016	3,201	7,257
Russia	11,008	15,106	132
Other Republics of FSU	0	0	0
Total	11,008	15,106	132
Africa:			
Ghana	18	60	1,446
Nigeria	0	21	0
Other	4	9	27,518
Total	22	90	28,964
Asia and Oceania:			
Jordan	0	32,289	0
Marshall Island	0	55	37
Saudi Arabia	71	113	2,012
Other	18,773	63,485	32,596
Total	18,844	95,942	34,646
World total	427,460	450,817	258,449

[1] Includes raw sugar exports and refined sugar exports converted to raw basis.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 2-40.—Honey: United States imports for consumption, by country of origin, 1994–96

Continent and country of origin	1994	1995	1996
	Metric tons	*Metric tons*	*Metric tons*
North America and Central America, Including the Caribbean:			
Bahamas	9	0	0
Canada	4,648	12,026	8,001
Dominican Republic	117	127	78
El Salvador	20	0	0
Leeward-Windward Islands	0	0	0
Mexico	2,404	2,549	5,488
Total	7,198	14,702	13,567
South America:			
Argentina	18,302	12,531	30,993
Chile	0	20	325
Colombia	0	0	379
Total	18,302	12,551	31,697
Western and Eastern Europe:			
Austria	19	7	34
France	13	10	23
Germany	98	80	115
Greece	9	13	12
Poland	11	6	11
Switzerland	38	43	35
United Kingdom	97	21	12
Other countries	5	18	101
Total	290	198	343
Asia, Africa, and Oceania:			
Australia	593	32	1,330
China, Peoples Republic of	29,334	12,482	19,418
Hong Kong	85	14	6
New Zealand	59	79	155
Other countries	26	124	1,355
Total	30,097	12,731	22,264
Grand total	55,887	40,182	67,871

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 2-41.—Beeswax, crude: United States imports for consumption, by country of origin, 1994–96

Continent and country of origin	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	65,413	9,303	279
Dominican Republic	113	115	113
Mexico	1,359	9	21
Other countries	0	0	0
South America:			
Argentina	33	216	239
Brazil	45	92	94
Chile	89	23	40
Other countries	0	0	20
Africa:			
Ethiopia	31	140	168
Kenya	0	0	20
Tanzania	39	29	70
Zambia	1	0	0
Europe:			
France	22	2,830	4,695
Germany	35,725	118	244
United Kingdom	204	62	44
Other countries	1,003	620	97
Asia and Oceania:			
Australia	374	1,970	607
China	4,346	338	1,584
Other countries	9	2	255
Total	108,806	15,867	8,590

[1] Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720–3423.

Table 2-42.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1987–96

Year	Production in mainland areas						Inshipments from Hawaii
	Mainland cane	Domestic beet	Refiners' blackstrap	Citrus	Hydrol	Total	
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1987	726,854	1,137,014	110,784	.....	.....	1,974,652	152,087
1988	775,936	1,006,353	101,257	.....	.....	1,883,546	178,476
1989	808,355	974,179	122,786	.....	.....	1,905,320	169,270
1990	741,749	948,820	105,124	.....	.....	1,795,693	214,045
1991	807,652	1,165,962	126,000	.....	.....	2,099,614	184,337
1992	782,566	950,312	123,000	.....	.....	1,855,878	183,657
1993	831,661	692,465	113,000	.....	.....	1,637,126	190,371
1994	824,453	1,200,000	114,000	.....	.....	2,138,453	151,172
1995	886,826	1,040,000	114,000	.....	.....	2,040,826	146,000
1996	NA	NA	NA	.....	.....	NA	NA

Year	United States imports from foreign countries					Mainland exports [1]	Total market supplies available
	Brazil	Dominican Republic	Mexico	Other	Total		
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1987	95,004	123,619	183,525	560,003	962,151	366,957	2,721,954
1988	142,897	102,792	93,605	647,576	986,870	299,217	2,749,692
1989	107,109	147,235	75,634	596,892	926,870	293,535	2,707,925
1990	70,986	145,543	88,401	773,994	1,078,924	212,263	2,876,399
1991	10,342	137,271	235,244	875,780	1,258,637	242,635	3,299,953
1992	0	127,500	117,722	870,641	1,115,863	282,098	2,873,300
1993	0	163,180	47,596	830,100	1,040,858	255,907	2,612,448
1994	0	121,320	187,753	1,340,236	1,659,309	277,098	3,671,836
1995	0	132,983	172,177	742,840	1,048,726	274,868	2,960,684
1996	NA	NA	NA	NA	NA	MA	NA

[1] Does not include exports from Hawaii and Puerto Rico. NA-not available.

AMS, Livestock and Grain Market News Branch, (202) 720–6231.

Table 2-43.—Edible syrups, molasses, and honey: Production, foreign trade, and indicated consumption, United States, 1987–96

Year	Production					Imports				
	Syrups			Honey	Total [4]	Corn syrup [1]	Maple syrup	Edible molasses	Honey	Total
	Corn [1]	Maple [2]	Edible molasses [3]							
	1,000 gallons	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*	*1,000 gallons*
1987	1,811,400	792	1,630	19,155	1,833,728	46,216	1,499	6,905	4,924	59,544
1988	1,896,833	1,153	1,925	18,083	1,918,494	44,066	1,310	7,295	4,721	57,392
1989	1,909,805	1,198	1,990	14,949	1,928,192	43,474	1,643	2,877	6,526	54,520
1990	1,994,515	1,073	1,405	16,706	2,013,699	44,090	1,910	941	6,507	53,447
1991	2,074,919	1,299	1,825	18,514	2,096,556	44,042	1,965	918	7,783	54,707
1992	2,159,826	1,641	1,460	18,632	2,181,559	50,312	2,290	1,010	9,682	63,294
1993	2,202,023	1,007	1,480	19,481	2,223,991	45,524	2,684	1,329	11,287	60,823
1994	2,307,980	1,324	1,500	18,342	2,329,146	33,979	3,271	1,996	10,408	49,654
1995	2,498,170	1,096	1,500	17,770	2,518,536	21,071	3,127	1,474	7,483	33,155
1996 [5]	2,571,500	1,567	0	16,731	2,589,798	21,610	3,210	1,428	12,719	38,967

Year	Exports				Indicated domestic consumption				
					Syrups			Honey	Total [5]
	Corn syrup [1]	Maple syrup	Honey	Total	Corn syrup [1]	Maple syrup	Edible molasses [3 4]		
	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*
1987	1,657	257	1,047	2,962	1,855,959	2,034	8,535	23,032	1,890,311
1988	5,718	225	1,182	7,125	1,935,181	2,238	9,220	21,622	1,968,761
1989	12,699	270	840	13,810	1,940,579	2,571	4,867	20,635	1,968,902
1990	31,555	209	1,050	32,814	2,007,050	2,774	2,346	22,163	2,034,333
1991	34,083	305	807	35,196	2,084,877	2,959	2,743	25,489	2,116,067
1992	24,892	457	880	26,230	2,185,246	3,474	2,470	27,434	2,218,623
1993	26,081	603	721	27,405	2,221,465	3,088	2,809	30,047	2,257,408
1994	29,414	569	705	30,687	2,312,546	4,027	3,496	28,045	2,348,113
1995	23,726	606	785	25,117	2,495,515	3,617	2,974	24,468	2,526,574
1996 [5]	51,991	820	836	53,647	2,541,119	3,957	NA	28,614	2,575,118

Note: Total may not add exactly, due to rounding. [1] Corn syrup includes: high fructose corn syrup, HFCS–42, HRCS–55, and glucose syrup. [2] Includes maple syrup produced on nonfarm lands in Somerset County, Maine, beginning 1988. [3] Production of edible molasses is from the fall of the preceding year. [4] Zero after 1995, included in sugar production. [5] Total includes U.S. production of refiners syrup during 1984–89—series discontinued beginning 1990. [5] Preliminary. NA-not available.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5251.

Table 2-44.—Tobacco: Area, yield, production, and value, United States, 1988–97

Year	Area harvested	Yield per acre	Production [1]	Marketing year average price per pound received by farmers	Value of production
	Acres	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1988	634,030	2,160	1,369,500	1.646	2,254,206
1989	678,200	2,016	1,367,188	1.708	2,335,052
1990	733,310	2,218	1,626,380	1.738	2,827,167
1991	763,680	2,179	1,664,372	1.771	2,947,309
1992	784,440	2,195	1,721,671	1.777	3,059,246
1993	746,405	2,161	1,613,319	1.754	2,829,161
1994	671,065	2,359	1,582,896	1.758	2,779,056
1995	663,125	1,913	1,268,538	1.820	2,305,192
1996	732,660	2,071	1,517,351	1.882	2,851,548
1997	797,265	2,106	1,678,821	1.813	3,039,217

[1] Production figures are on farm-sales-weight basis.
NASS, Crops Branch, (202) 720–2127.

Table 2-45.—Tobacco: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
CT	1,990	2,260	2,265	1,771	1,679	1,577	3,524	3,795	3,572
FL	7,200	7,500	7,700	2,455	2,680	2,550	17,676	20,100	19,635
GA	42,000	46,000	44,000	2,000	2,470	2,030	84,000	113,620	89,320
IN	6,700	7,600	8,900	2,030	1,970	2,100	13,601	14,972	18,690
KY	166,200	195,700	221,100	1,977	2,021	1,934	328,581	395,542	427,715
MD	8,500	8,000	8,000	1,350	1,250	1,500	11,475	10,000	12,000
MA	515	800	1,110	1,783	1,515	1,690	918	1,212	1,876
MO	2,700	2,700	3,100	2,025	2,230	2,400	5,468	6,021	7,440
NC	261,100	287,800	318,000	1,856	2,035	2,246	484,599	585,542	714,120
OH	7,700	8,000	9,500	1,950	1,580	1,960	15,015	12,640	18,620
PA	7,900	7,800	7,600	1,985	1,983	2,021	15,685	15,464	15,360
SC	50,000	51,000	54,000	2,100	2,310	2,340	105,000	117,810	126,360
TN	51,690	54,560	55,360	1,797	2,014	1,887	92,907	109,888	104,488
VA	44,170	48,370	52,280	1,840	2,141	2,125	81,269	103,543	111,112
WV	2,000	1,700	1,800	1,300	1,200	1,700	2,600	2,040	3,060
WI	2,760	2,870	2,550	2,254	1,799	2,138	6,220	5,162	5,453
US	663,125	732,660	797,265	1,913	2,071	2,106	1,268,538	1,517,351	1,678,821

[1] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1995–97

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Hec-tares	*Hec-tares*	*Hec-tares*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North America:									
Canada	30,600	30,600	30,600	2.59	2.59	2.59	79,287	79,287	79,287
Mexico	20,836	21,499	25,385	2.18	2.24	1.74	45,427	48,166	44,293
UnitedStates	268,350	296,510	321,833	2.14	2.32	2.32	575,380	688,250	746,430
Total	319,786	348,609	377,818	2.19	2.34	2.30	700,094	815,703	870,010

See footnotes at end of table.

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1995–97—Continued

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Hectares	*Hectares*	*Hectares*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
South America:									
Argentina	53,500	59,000	71,000	1.48	1.66	1.74	79,010	98,200	123,200
Bolivia	1,250	1,250	1,250	1.00	1.00	1.00	1,250	1,250	1,250
Brazil	259,000	285,000	348,000	1.54	1.59	1.73	398,000	452,000	603,203
Chile	3,851	3,303	3,501	3.21	3.19	3.18	12,356	10,536	11,117
Colombia	17,905	17,905	17,905	1.57	1.57	1.57	28,178	28,178	28,178
Ecuador	1,800	1,800	1,000	2.14	2.14	3.85	3,850	3,850	3,850
Guyana	100	100	100	1.00	1.00	1.00	100	100	100
Paraguay	5,200	5,200	5,200	1.75	1.75	1.75	9,100	9,100	9,100
Peru	2,500	2,500	2,500	1.24	1.24	1.24	3,100	3,100	3,100
Uruguay	800	800	800	1.75	1.75	1.75	1,400	1,400	1,400
Venezuela	7,563	7,320	7,320	2.49	2.44	2.50	18,857	17,861	18,329
Total	353,469	384,178	458,576	1.57	1.63	1.75	555,201	625,575	802,827
Central America:									
Costa Rica	1,072	1,072	1,072	2.03	2.03	1.96	2,180	2,180	2,100
El Salvador	561	561	561	1.85	1.85	1.85	1,038	1,038	1,038
Guatemala	8,210	8,223	9,350	1.31	1.98	1.90	10,720	16,275	17,750
Honduras	5,157	5,157	5,157	1.78	1.78	1.78	9,177	9,177	9,177
Nicaragua	2,240	2,240	2,240	2.03	2.03	2.03	4,550	4,550	4,550
Panama	1,094	1,094	1,094	2.00	2.00	2.00	2,188	2,188	2,188
Total	18,334	18,347	19,474	1.63	1.93	1.89	29,853	35,408	36,803
Caribbean:									
Cuba	59,000	59,000	59,000	0.47	0.56	0.63	28,000	33,000	37,000
Dominican Rep	17,556	20,938	23,600	1.25	1.25	1.29	21,905	26,099	30,370
Haiti	565	565	565	1.29	1.29	1.29	730	730	730
Jamaica	1,175	1,175	1,175	1.99	1.99	1.99	2,339	2,339	2,339
Trinidad & Tob.	100	100	100	1.70	1.70	1.70	170	170	170
St. Vincent	70	70	70	1.21	1.21	1.21	85	85	85
Total	78,466	81,848	84,510	0.68	0.76	0.84	53,229	62,423	70,694
European Union:									
Austria	139	100	98	1.70	1.66	1.66	236	166	163
Belgium-Lux	363	380	360	3.05	3.61	3.06	1,108	1,370	1,100
France	9,712	9,250	9,250	2.82	2.99	2.98	27,340	27,661	27,600
Germany	3,530	3,380	3,500	1.94	2.46	2.31	6,836	8,313	8,100
Greece	70,000	67,350	67,250	1.88	1.95	1.96	131,875	131,500	132,000
Italy	49,717	52,500	52,500	2.50	2.59	2.59	124,492	136,000	136,000
Portugal	2,909	2,909	2,909	2.14	2.14	2.14	6,226	6,226	6,226
Spain	16,308	16,000	16,000	2.59	2.64	2.64	42,249	42,300	42,300
Total	152,678	151,869	151,867	2.23	2.33	2.33	340,362	353,536	353,489
Eastern Europe:									
Albania	24,000	24,000	24,000	0.63	0.63	0.63	15,000	15,000	15,000
Bulgaria	14,255	27,862	38,500	1.86	1.55	1.46	26,540	43,212	56,330
Czech Republic	2,800	2,800	2,800	1.77	1.77	1.77	4,949	4,949	4,949
Croatia	6,645	7,784	7,500	1.49	1.64	1.64	9,883	12,760	12,306
Hungary	5,500	5,300	6,600	1.84	1.77	1.88	10,140	9,400	12,416
Macedonia	22,000	22,000	22,000	1.36	1.36	1.36	30,000	30,000	30,000
Poland	18,554	18,568	19,000	2.14	2.06	2.11	39,748	38,210	40,050
Romania	11,000	11,500	11,800	1.21	1.22	1.23	13,300	14,000	14,500
Sebia/Montenegro	7,500	8,500	5,300	0.93	1.03	1.15	6,993	8,769	6,100
Total	112,254	128,314	137,500	1.39	1.37	1.39	156,553	176,300	191,651
FSU-12: [3]									
Azerbaijan	5,000	4,500	4,500	2.10	2.22	2.33	10,500	10,000	10,500
Armenia	4,304	4,304	4,304	0.26	0.26	0.26	1,100	1,100	1,100
Byelarus	1,076	1,076	1,076	2.42	2.42	2.42	2,606	2,606	2,606
Georgia	5,380	5,380	5,380	1.64	1.64	1.64	8,800	8,800	8,800
Kyrgyzstan	8,000	12,000	12,000	2.38	2.50	2.50	19,000	30,000	30,000
Kazakhstan	2,152	2,152	2,152	0.98	0.98	0.98	2,100	2,100	2,100
Moldova	20,100	20,000	26,130	1.37	1.30	1.46	27,500	26,087	38,043
Russia	1,270	817	800	0.58	0.71	0.88	740	580	700
Tajikistan	3,228	3,228	3,228	3.28	3.28	3.28	10,593	10,593	10,593
Turkmenistan	1,076	1,076	1,076	2.39	2.39	2.39	2,570	2,570	2,570
Ukranine	5,380	5,380	5,380	1.12	1.12	1.12	6,000	6,000	6,000
Uzbekistan	11,000	11,000	11,000	2.00	2.73	2.73	22,000	30,000	30,000
Total	67,966	70,913	77,026	1.67	1.84	1.86	113,509	130,436	143,012
North Africa:									
Algeria	2,700	2,700	2,700	1.96	1.96	1.96	5,300	5,300	5,300
Libya	900	900	900	1.61	1.61	1.61	1,450	1,450	1,450
Morocco	3,500	3,500	3,500	1.13	1.13	1.13	3,962	3,962	3,962
Tunisia	6,700	6,700	6,700	1.15	1.15	1.18	7,700	7,700	7,900
Total	13,800	13,800	13,800	1.33	1.33	1.35	18,412	18,412	18,612

See footnotes at end of table.

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1995–97—Continued

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Hec-tares	*Hec-tares*	*Hec-tares*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
Other Africa:									
Angola	3,950	3,950	3,950	0.99	0.99	0.99	3,900	3,900	3,900
Burundi	705	705	705	1.00	1.00	1.00	705	705	705
Chad	200	200	200	1.00	1.00	1.00	200	200	200
Congo	4,000	4,000	4,000	0.45	0.45	0.45	1,800	1,800	1,800
Zaire	3,700	3,700	3,700	1.11	1.11	1.11	4,110	4,110	4,110
Cameroon	3,400	3,400	3,400	1.62	1.62	1.62	5,500	5,500	5,500
Central African Rep.	750	750	750	0.87	0.87	0.87	650	650	650
Benin	200	200	200	2.00	2.00	2.00	400	400	400
Ethiopia	3,000	3,000	3,000	1.17	1.17	1.17	3,500	3,500	3,500
Ghana	3,950	3,950	3,950	0.38	0.38	0.38	1,500	1,500	1,500
Cote d'Ivoire	10,000	10,000	10,000	0.26	0.26	0.26	2,600	2,600	2,600
Kenya	8,841	13,487	8,805	1.64	1.64	2.51	14,500	22,120	22,120
Liberia	10	10	10	1.00	1.00	1.00	10	10	10
Madagascar	5,900	5,900	5,900	0.93	0.93	0.93	5,500	5,500	5,500
Malawi	105,738	113,823	122,700	1.24	1.25	1.29	130,686	142,262	158,784
Mali	1,000	1,000	1,000	0.55	0.55	0.55	550	550	550
Mauritius	655	655	655	1.33	1.33	1.33	868	868	868
Mozambique	2,700	2,700	2,700	1.07	1.07	1.07	2,900	2,900	2,900
Niger	1,000	1,000	1,000	0.93	0.93	0.93	930	930	930
Nigeria	10,000	10,000	10,000	2.20	2.30	2.30	22,000	23,000	23,000
Reunion	200	200	200	1.00	1.00	1.00	200	200	200
Zimbabwe	81,756	86,789	99,293	2.56	2.39	1.93	209,042	207,767	192,107
South Africa	14,060	14,717	16,500	1.64	1.43	1.72	23,006	21,056	28,400
Sierra Leone	540	540	540	1.11	1.11	1.11	600	600	600
Togo	4,000	4,000	4,000	0.50	0.50	0.50	2,000	2,000	2,000
Tanzania	33,900	33,900	33,900	0.74	0.74	0.74	25,080	25,080	25,080
Uganda	7,525	7,525	7,525	0.96	0.96	0.96	7,198	7,198	7,198
Swaziland	200	200	200	1.00	1.00	1.00	200	200	200
Zambia	4,882	4,882	4,882	1.29	1.29	1.29	6,300	6,300	6,300
Total	316,762	335,183	353,665	1.50	1.47	1.42	476,435	493,406	501,612
Other Asia:									
Bangladesh	52,000	52,000	52,000	0.88	0.88	0.88	45,500	45,500	45,500
Burma	36,000	36,000	36,000	1.22	1.22	1.22	44,000	44,000	44,000
Cambodia	9,000	9,000	9,000	0.56	0.56	0.56	5,000	5,000	5,000
Sri Lanka	12,165	12,165	12,165	0.74	0.74	0.74	9,000	9,000	9,000
China	1,455,000	1,853,000	1,986,000	1.59	1.75	1.75	2,317,700	3,234,000	3,466,000
Indonesia	212,500	215,700	217,500	0.81	0.82	0.85	171,400	177,000	184,300
India	391,100	398,140	426,800	1.50	1.41	1.42	587,100	562,750	604,500
Japan	26,358	26,057	26,748	2.97	2.53	2.83	78,212	66,031	75,600
Korea, North	37,000	20,000	20,000	1.24	1.25	1.25	46,000	25,000	25,000
Korea, South	32,230	29,900	27,190	2.60	2.04	2.50	83,862	61,010	68,000
Laos	4,000	4,000	4,000	0.75	0.75	0.75	3,000	3,000	3,000
Malaysia	10,898	11,484	11,815	1.00	1.09	1.10	10,867	12,485	13,040
Pakistan	47,443	45,787	44,275	1.71	1.76	1.77	80,917	80,760	78,320
Philippines	43,270	42,976	34,000	1.51	1.49	1.41	65,530	64,070	47,800
Thailand	42,300	45,800	49,700	1.31	1.50	1.49	55,500	68,500	74,250
Taiwan	5,140	4,165	4,165	2.53	2.74	2.37	12,996	11,410	9,890
Vietnam	36,000	36,000	36,000	0.89	0.89	0.89	32,000	32,000	32,000
Total	2,452,404	2,842,174	2,997,358	1.49	1.58	1.60	3,648,584	4,501,516	4,785,200
Middle East:									
Cyprus	161	161	161	1.50	1.50	1.50	241	241	241
Iran	18,000	18,000	18,000	1.39	1.39	1.39	25,000	25,000	25,000
Iraq	2,000	2,000	2,000	1.09	1.09	1.09	2,180	2,180	2,180
Jordan	1,850	2,100	2,100	2.59	1.27	1.27	4,800	2,668	2,668
Lebanon	3,750	3,750	3,750	1.33	1.33	1.33	5,000	5,000	5,000
Oman	1,800	1,800	1,800	1.11	1.11	1.11	2,000	2,000	2,000
Syria	17,000	14,505	15,000	1.37	1.19	1.15	23,366	17,208	17,208
United Arab. Emirates	350	350	350	5.71	5.71	5.71	2,000	2,000	2,000
Turkey	259,300	236,326	268,000	0.79	0.97	0.88	204,900	229,400	235,400
Yemen	3,300	3,300	3,300	1.73	1.73	1.73	5,720	5,720	5,720
Total	307,511	282,292	314,461	0.89	1.03	0.95	275,207	291,417	297,417
Oceania:									
Australia	3,300	3,300	3,200	2.31	2.76	3.00	7,620	9,100	9,600
Solomon Islands	100	100	100	0.95	0.95	0.95	95	95	95
New Zealand	600	600	600	2.58	2.58	2.58	1,550	1,550	1,550
Total	4,000	4,000	3,900	2.32	2.69	2.88	9,265	10,745	11,245
World Total	4,197,430	4,661,527	4,989,955	1.52	1.61	1.62	6,376,704	7,514,877	8,082,572

[1] Preliminary. [2] Production data in metric tons, on farm-sales-weight basis, which is about 10 percent above dry-weight data normally reported in trade statistics. [3] FSU–12 includes the 12 newly independent States of the former USSR.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Counselors, Attaches, Foreign Service Officers and results of office research, and related information.

Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1987–96 (farm-sales-weight basis)

Type and crop year	Area	Yield per acre	Production	Stocks [1]	Supply	Disappearance			Average price per pound to growers
						Total	Exports [2]	Domestic	
	Acres	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Cents*
Total flue-cured, types 11–14:									
1987	324,600	2,129	690,914	1,751,991	2,442,905	[3] 922,618	385,282	537,336	158.7
1988	366,400	2,219	813,212	1,512,573	2,325,785	[3] 884,685	362,825	521,860	161.3
1989	390,700	2,069	808,350	1,423,988	2,232,338	954,243	387,543	566,700	167.4
1990	416,900	2,253	939,234	1,307,845	2,247,079	1,012,404	403,405	608,999	167.3
1991	402,600	2,265	911,887	1,215,641	2,127,528	874,642	403,371	471,271	172.3
1992	401,500	2,257	906,025	1,223,499	2,129,524	929,066	420,375	508,691	172.6
1993	400,100	2,217	886,908	1,195,581	2,082,489	792,670	358,938	433,732	168.1
1994	359,500	2,420	869,900	1,294,986	2,164,886	915,605	345,474	530,131	169.8
1995 [4]	414,800	2,130	854,792	1,186,786	2,041,560	875,133	344,500	530,633	179.2
1996 [4]	422,200	2,151	896,680	1,166,427	2,063,107	946,599	391,174	555,425	183.7
Total fire-cured, types 21–23:									
1987	13,860	1,990	27,575	100,023	127,598	41,947	21,780	20,167	149.6
1988	13,540	2,271	30,744	85,651	116,395	34,075	19,171	14,904	213.8
1989	15,100	1,915	28,923	82,320	111,243	35,644	17,806	17,838	195.1
1990	15,440	2,265	34,978	75,599	110,577	39,204	17,875	21,329	192.4
1991	16,020	2,053	32,887	71,373	104,260	38,170	18,407	19,763	206.8
1992	15,960	2,305	36,789	66,090	102,879	34,491	16,303	18,188	213.4
1993	16,650	2,457	40,917	68,388	109,305	36,424	18,740	17,684	217.2
1994	18,080	2,673	48,331	72,881	121,212	37,217	16,100	21,117	206.9
1995 [4]	16,880	2,322	39,190	83,995	123,185	19,230	22,243	23,687	215.0
1996 [4]	16,600	2,644	44,228	83,030	127,258	42,165	19,621	22,544	211.0
Virginia fire-cured, type 21:									
1987	2,600	1,000	2,600	6,978	9,578	3,158	2,582	576	131.5
1988	2,300	1,270	2,920	6,420	9,340	2,870	2,545	325	148.2
1989	2,000	1,240	2,480	6,470	8,950	3,596	3,000	596	153.7
1990	2,100	1,315	2,762	5,354	8,116	3,481	2,858	623	160.2
1991	2,500	1,425	3,563	4,635	8,198	3,742	3,000	742	152.6
1992	1,700	1,510	2,567	4,456	7,023	2,650	864	1,786	161.5
1993	1,200	1,560	1,872	4,373	6,245	3,024	2,324	700	171.9
1994	1,350	1,780	2,403	3,221	5,624	2,082	1,400	682	161.2
1995 [4]	1,100	1,400	1,540	3,542	5,082	2,246	1,808	438	162.5
1996 [4]	1,100	1,580	1,738	2,836	4,574	2,812	2,412	400	178.7
Kentucky and Tennessee fire-cured, types 22–23:									
1987	11,260	2,218	24,975	93,045	118,020	38,789	19,198	19,591	151.5
1988	11,240	2,475	27,824	79,231	107,055	31,205	16,626	14,579	220.7
1989	13,100	2,019	26,443	75,850	102,293	32,048	14,806	17,242	199.0
1990	13,340	2,415	32,216	70,245	102,461	35,723	15,017	20,706	195.2
1991	13,520	2,169	29,324	66,738	96,062	34,428	15,407	19,021	213.4
1992	14,260	2,400	34,222	61,634	95,856	31,841	15,439	16,402	217.3
1993	15,450	2,527	39,045	64,015	103,060	33,400	16,416	16,984	219.4
1994	16,730	2,745	45,928	69,660	115,588	35,135	14,700	20,435	209.2
1995 [4]	15,780	2,386	37,650	80,453	118,103	16,984	20,435	23,249	217.2
1996 [4]	15,500	2,745	42,490	80,194	122,684	39,353	17,209	22,144	211.0
Burley, type 31:									
1987	215,800	1,943	419,360	1,278,823	1,698,183	[3] 633,021	156,480	476,541	156.3
1988	226,300	2,109	477,208	1,073,302	1,550,510	[3] 578,307	163,965	414,342	161.0
1989	244,350	1,975	482,568	963,095	1,445,663	614,412	168,706	445,706	167.2
1990	271,200	2,205	597,927	846,983	1,444,910	673,856	199,000	474,856	175.3
1991	312,000	2,110	658,181	765,327	1,423,508	615,633	208,480	407,153	178.8
1992	332,700	2,163	719,552	806,694	1,526,246	567,828	182,960	384,868	181.5
1993	299,700	2,115	633,838	938,866	1,572,704	551,610	152,165	399,445	181.6
1994	266,300	2,300	612,398	1,013,856	1,626,254	624,049	159,082	464,967	184.1
1995 [4]	234,200	1,863	436,343	958,807	1,395,150	549,717	164,776	384,941	184.5
1996 [4]	268,000	1,940	516,300	890,390	1,406,690	631,080	209,446	421,634	192.2
Maryland, type 32:									
1987	15,700	1,321	20,738	50,665	71,403	30,212	5,383	24,823	111.0
1988	12,500	1,476	18,445	41,191	59,636	26,523	5,123	21,400	150.8
1989	12,500	1,426	17,825	33,113	50,938	26,468	3,821	22,647	162.4
1990	10,700	1,525	16,316	21,948	38,264	23,506	6,679	16,827	181.6
1991	12,400	1,607	19,920	14,545	34,465	21,429	4,963	16,466	160.2
1992	13,500	1,390	18,771	13,046	31,817	21,465	7,581	13,884	147.0
1993	12,700	1,526	19,380	10,542	29,928	17,317	5,475	11,842	143.0
1994	12,100	1,634	19,770	12,103	31,873	17,666	5,042	12,624	147.0
1995 [4]	11,900	1,507	17,935	14,207	32,142	16,162	6,580	9,582	163.7
1996 [4]	11,200	1,438	16.030	15,980	32,010	12,572	6,434	6,138	157.3

See footnotes at end of table.

Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1987–96 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks [1]	Supply	Disappearance			Average price per pound to growers
						Total	Exports[2]	Domestic	
	Acres	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Cents*
Total dark air-cured, types 35–37:									
1987	3,610	1,932	6,976	47,630	54,606	15,387	1,569	13,818	129.9
1988	3,390	2,218	7,519	39,219	46,738	12,108	1,950	10,158	162.2
1989	3,540	1,845	6,532	37,217	43,749	13,220	2,107	11,122	169.5
1990	3,480	2,197	7,647	30,519	38,166	12,079	1,158	10,921	185.8
1991	4,410	2,018	8,900	26,087	34,987	11,016	1,639	9,377	183.3
1992	4,740	2,202	10,436	23,971	34,407	10,021	1,340	8,681	169.0
1993	4,890	2,296	11,227	24,386	35,613	10,769	2,186	8,583	171.3
1994	4,690	2,515	11,797	24,844	36,641	(5)	(5)	(5)	168.3
1995 [4]	4,180	2,049	8,567	27,387	35,934	10,801	1,310	9,491	176.2
1996 [4]	3,850	2,250	8,662	25,153	33,815	10,277	1,243	9,034	191.1
One Sucker, type 35:									
1987	2,380	1,952	4,646	30,576	35,222	9,877	1,436	8,441	138.0
1988	2,330	2,243	5,226	25,345	30,571	(5)	(5)	(5)	171.8
1989	2,450	1,828	4,478	(5)	(5)	(5)	(5)	(5)	175.5
1990	2,500	2,208	5,520	(5)	(5)	(5)	(5)	(5)	189.1
1991	3,110	2,032	6,320	(5)	(5)	(5)	(5)	(5)	187.8
1992	3,290	2,129	7,004	(5)	(5)	(5)	(5)	(5)	171.5
1993	3,340	2,323	7,759	(5)	(5)	(5)	(5)	(5)	174.8
1994	3,220	2,416	7,781	(5)	(5)	(5)	(5)	(5)	166.0
Green River, type 36:									
1987	1,100	2,000	2,200	18,119	20,319	4,687	5	4,682	114.4
1988	950	2,280	2,166	15,632	17,798	(5)	(5)	(5)	141.1
1989	1,000	1,950	1,950	(5)	(5)	(5)	(5)	(5)	157.6
1990	900	2,250	2,025	(5)	(5)	(5)	(5)	(5)	178.7
1991	1,200	2,020	2,424	(5)	(5)	(5)	(5)	(5)	174.1
1992	1,350	2,450	3,308	(5)	(5)	(5)	(5)	(5)	164.8
1993	1,450	2,320	3,364	(5)	(5)	(5)	(5)	(5)	163.8
1994	1,400	2,780	3,892	(5)	(5)	(5)	(5)	(5)	173.6
One Sucker, Green River type 35-36:									
1995 [4]	4,110	2,065	8,488	27,280	35,768	10,663	1,266	9,397	130.4
1996 [4]	3,780	2,262	8,550	25,105	33,655	10,141	1,194	8,947	133.9
Virginia sun-cured, type 37:									
1987	130	1,000	130	963	1,262	264	128	136	102.5
1988	110	1,155	127	829	956	306	126	180	123.9
1989	90	1,155	104	650	754	118	90	28	135.1
1990	80	1,275	102	636	738	124	58	66	145.6
1991	100	1,560	156	614	770	356	25	331	143.4
1992	100	1,240	124	414	538	329	46	283	138.0
1993	100	1,040	104	209	313	199	53	146	152.1
1994	70	1,770	124	114	238	(5)	(5)	(5)	147.6
1995 [4]	70	1,125	79	107	186	138	44	94	153.0
1996 [4]	70	1,600	112	48	160	136	49	87	178.2
Total continental cigar filler, types 41–44:									
1987	7,050	1,897	13,372	38,417	51,789	20,919	306	20,613	72.1
1988	6,020	1,948	11,728	30,870	42,598	14,185	22	14,163	102.0
1989	5,500	1,950	10,725	28,415	39,140	15,494	0	15,494	127.0
1990	6,400	2,050	13,120	23,646	36,766	13,671	0	13,671	139.0
1991	6,700	2,050	13,735	23,095	36,830	12,208	0	12,208	143.0
1992	7,000	2,000	14,000	24,622	38,622	13,150	0	13,150	115.0
1993	5,800	2,100	12,180	25,472	37,652	15,163	0	15,163	95.0
1994	5,400	2,100	11,340	23,959	35,299	14,832	0	14,832	100.0
1995 [4]	4,500	2,050	9,225	20,467	29,692	11,753	0	11,753	145.0
1996 [4]	4,600	2,040	9,384	17,939	27,323	14,124	0	14,124	.....
Pennsylvania seedleaf filler, type 41:									
1987	7,000	1,900	13,300	32,096	45,396	20,336	306	20,030	72.0
1988	6,000	1,950	11,700	25,060	36,760	12,412	22	12,390	104.0
1989	5,500	1,950	10,725	24,348	35,073	12,124	0	12,124	127.0
1990	6,400	2,050	13,120	22,949	36,069	13,017	0	13,017	139.0
1991	6,700	2,050	13,735	23,052	36,830	12,182	0	12,182	143.0
1992	7,000	2,000	14,000	24,605	38,605	13,143	0	13,143	115.0
1993	5,800	2,100	12,180	25,462	37,642	15,153	0	15,153	95.0
1994	5,400	2,100	11,340	23,959	35,299	14,832	0	14,832	100.0
1995 [4]	4,500	2,050	9,225	20,467	11,753	11,753	0	11,753	145.0
1996 [4]	4,600	2,040	9,384	17,939	27,323	14,124	0	14,124	.....

See footnotes at end of table.

Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1987–96 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks [1]	Supply	Disappearance			Average price per pound to growers
						Total	Exports [2]	Domestic	
	Acres	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Cents*
Miami Valley (Ohio) filler, types 42–44:									
1987	50	1,440	72	6,321	6,393	583	.....	583	96.0
1988	20	1,400	28	5,810	5,838	1,773	.....	1,773	104.0
1989	0	0	0	4,067	4,067	3,370	.....	3,370	NA
1990	0	0	0	697	697	654	.....	654	NA
1991	0	0	0	43	43	26	.....	26	NA
1992	0	0	0	0	0	7	.....	7	NA
1993	0	0	0	0	0	.....	.....	.....	.....
1994	0	0	0	0	0	.....	.....	.....	NA
1995 [4]	0	0	0	0	0	.....	.....	.....	NA
1996 [4]	0	0	0	0	0	.....	.....	.....	NA
Puerto Rican filler, type 46: [6]									
1987	200	1,000	200	4,965	5,165	1,076	.....	1,076	74.7
1988	200	1,000	200	4,189	4,389	971	.....	971	73.1
1989	200	1,000	200	3,418	3,618	147	.....	147	NA
1990	*	NA	*	3,371	3,371	801	.....	801	NA
1991	*	NA	*	2,570	2,570	513	.....	513	NA
1992	*	NA	*	2,057	2,057	871	.....	871	NA
1993	*	NA	*	1,186	1,186	1,090	.....	1,090	NA
1994	*	NA	*	96	96	61	61	.....	NA
1995 [4]	*	NA	*	35	35	25	25	.....	.....
1996 [4]	*	NA	*	10	10	10	.....	25	NA
Total cigar binder, types 51–55:									
1987	5,240	1,937	10,149	53,804	63,953	21,620	180	21,440	112.3
1988	4,400	1,940	8,536	42,333	50,869	16,503	123	16,380	133.6
1989	6,230	2,007	12,504	34,540	47,044	16,173	43	16,130	153.0
1990	7,560	1,919	14,506	31,014	45,520	17,294	5	17,289	158.0
1991	8,100	2,052	16,624	28,603	45,227	14,185	46	14,139	164.1
1992	8,020	1,818	14,584	30,134	44,718	11,692	0	11,692	162.1
1993	5,405	1,520	8,337	32,763	41,100	12,052	0	12,052	175.1
1994	3,805	2,017	7,674	29,524	37,138	12,911	0	12,911	181.1
1995 [4]	4,000	2,161	8,643	25,931	34,574	11,257	202	11,055	213.8
1996 [4]	4,150	1,939	8,046	23,317	31,363	12,381	366	12,015	213.8
Connecticut Valley binder, types 51–52:									
1987	1,040	1,711	1,779	6,404	8,183	1,956	180	1,776	170.0
1988	950	1,716	1,630	6,227	7,857	2,952	123	2,829	170.0
1989	730	1,721	1,256	4,905	6,161	2,272	43	2,229	180.0
1990	660	1,758	1,160	3,889	5,049	2,574	5	2,569	250.0
1991	800	1,791	1,433	2,475	3,908	2,205	46	2,159	260.0
1992	820	1,810	1,484	1,648	3,132	1,214	0	1,214	280.0
1993	885	1,914	1,694	1,918	3,612	1,910	0	1,910	300.0
1994	955	1,893	1,808	1,577	3,385	1,900	0	1,900	306.0
1995 [4]	1,240	1,969	2,441	1,381	3,822	2,245	0	2,245	389.0
1996 [4]	1,629	1,780	2,901	1,577	4,478	3,298	0	3,298	NA
Wisconsin binder, types 54–55:									
1987	4,200	1,993	8,370	47,400	55,770	19,664	0	19,664	100.0
1988	3,450	2,002	6,906	36,106	43,012	13,551	0	13,551	125.0
1989	5,500	2,045	11,248	29,635	40,883	13,901	0	13,901	150.0
1990	6,900	1,934	13,346	27,125	40,471	14,720	0	14,720	150.0
1991	7,300	2,081	15,191	26,128	41,319	11,980	0	11,980	155.0
1992	7,200	1,819	13,100	28,486	41,586	10,478	0	10,478	148.6
1993	4,600	1,444	6,643	30,845	37,488	10,142	0	10,142	143.2
1994	2,850	2,058	5,866	27,947	33,813	11,011	0	11,011	145.0
1995 [4]	2,760	2,247	6,202	24,550	30,752	9,012	202	8,810	145.0
1996 [4]	2,521	2,041	5,145	21,740	26,885	9,083	366	8,717	150.0
Southern Wisconsin, type 54:									
1987	2,700	2,100	5,670	.....	.....	.....	.....	.....	100.0
1988	2,400	2,090	5,016	.....	.....	.....	.....	.....	125.0
1989	3,500	2,185	7,648	.....	.....	.....	.....	.....	150.0
1990	4,100	2,275	9,328	.....	.....	.....	.....	.....	150.0
1991	4,100	2,390	9,799	.....	.....	.....	.....	.....	155.0
1992	4,000	2,115	8,460	.....	.....	.....	.....	.....	153.0
1993	2,800	1,675	4,690	.....	.....	.....	.....	.....	145.0
1994	1,900	2,200	4,180	.....	.....	.....	.....	.....	145.0
1995 [4]	1,900	2,370	4,503	.....	.....	.....	.....	.....	145.0
1996 [4]	1,900	1,900	3,600	.....	.....	.....	.....	.....	150.0

See footnotes at end of table.

Table 2-47.—Tobacco: Area, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1987–96 (farm-sales-weight basis)—Continued

Type and crop year	Area	Yield per acre	Production	Stocks [1]	Supply	Disappearance			Average price per pound to growers
						Total	Exports [2]	Domestic	
	Acres	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Cents*
Northern Wisconsin, type 55:									
1987	1,500	1,800	2,700	...	...	...	...	...	100.0
1988	1,050	1,800	1,890	...	...	...	...	...	125.0
1989	2,000	1,800	3,600	...	...	...	...	...	150.0
1990	2,800	1,435	4,018	...	...	...	...	...	150.0
1991	3,200	1,685	5,392	...	...	...	...	...	155.0
1992	3,200	1,450	4,640	...	...	...	...	...	141.0
1993	1,800	1,085	1,953	...	...	...	...	...	139.0
1994	950	1,775	1,686	...	...	...	...	...	148.0
1995 [4]	860	1,975	2,090	...	...	...	...	...	145.0
1996 [4]	1,000	1,535	1,535	...	...	...	...	...	150.0
Total cigar wrapper, types 61:									
1987	1,280	1,242	1,590	2,185	3,775	2,023	1,900	123	1,550.0
1988	1,380	1,528	2,108	1,752	3,860	2,114	2,000	114	2,120.0
1989	1,480	1,543	2,283	1,749	4,032	2,037	1,900	137	2,170.0
1990	1,630	1,627	2,652	2,095	4,747	2,750	2,550	200	2,100.0
1991	1,450	1,537	2,228	1,997	4,225	2,983	2,700	283	1,800.0
1992	1,000	1,514	1,514	1,242	2,756	1,253	1,000	253	1,700.0
1993	1,080	1,460	1,577	1,503	3,041	1,151	990	161	1,700.0
1994	1,190	1,400	1,666	1,890	3,556	1,466	1,300	166	1,780.0
1995 [4]	1,250	1,580	1,975	2,090	3,792	1,536	1,400	136	([5])
1996 [4]	1,430	1,473	2,106	2,256	4,362	2,410	2,200	210	([5])
Total tobacco, types 11–72: [7]									
1987	587,340	2,028	1,190,874	3,323,538	4,514,412	1,688,778	571,425	1,118,353	157.0
1988	634,030	2,160	1,369,500	2,826,891	4,196,391	1,569,471	555,179	1,014,292	164.6
1989	678,200	2,016	1,367,188	2,604,282	3,971,470	1,677,847	581,926	1,095,921	170.8
1990	733,310	2,218	1,626,380	2,343,020	3,969,400	1,795,565	630,672	1,164,893	173.8
1991	763,760	2,179	1,664,372	2,149,238	3,813,610	1,590,779	639,606	951,173	177.3
1992	784,720	2,195	1,721,671	2,191,355	3,913,026	1,589,837	629,559	960,278	177.7
1993	746,405	2,163	1,614,364	2,298,687	3,913,051	1,436,000	538,000	898,000	175.3
1994	671,065	2,359	1,582,896	2,474,119	4,056,935	1,603,640	523,090	1,079,751	175.8
1995 [4]	663,110	1,913	1,268,494	2,319,687	3,665,578	1,490,959	532,855	957,973	182.0
1996 [4]	733,000	2,071	1,517,000	2,225,000	3,727,000	1,625,000	628,000	997,000	188.2

[1] July 1 for flue-cured types 11–14 and cigar types 61 and 62; Oct. 1 for all other types. [2] Exports by rehandling trade included in totals of types from which they are made. [3] Disappearance adjusted for tobacco still on farms at end of marketing year. [4] Preliminary. [5] Not available. [6] Puerto Rican crop planted in the fall of the year shown and harvested the following spring. [7] Includes Perique. NA-not applicable.

ERS, Specialty Crops Branch, (202) 694–5245. Basic export data from the official reports of the Department of Commerce.

Table 2-48.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1992–96 (farm-sales-weight basis)[1]

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Flue-cured, types 11–14:				
1992	1,666,854	1,429,479	1,223,499	1,429,479
1993	1,603,070	1,371,013	1,195,581	1,573,820
1994	1,703,251	1,482,915	1,294,986	1,644,314
1995	1,671,854	1,368,502	1,186,768	1,646,849
1996	1,428,805	1,270,270	1,166,427	1,577,041
Virginia fire-cured, type 21:				
1992	5,283	6,643	6,299	6,643
1993	4,801	6,294	5,543	4,373
1994	4,354	4,851	3,990	3,221
1995	3,891	4,373	4,086	3,542
1996	3,956	3,762	3,413	3,468
Kentucky and Tennessee fire-cured, types 22–23:				
1992	59,526	73,964	70,155	73,964
1993	53,437	76,464	72,792	64,015
1994	56,074	75,848	76,916	69,660
1995	56,917	82,415	88,915	80,453
1996	69,394	87,768	88,074	80,194
Burley, type 31:				
1992	1,021,953	1,039,759	924,026	1,039,759
1993	1,038,036	1,147,494	1,023,091	938,866
1994	1,106,475	1,327,302	1,123,430	1,013,856
1995	1,224,876	1,264,000	1,102,503	958,807
1996	1,172,933	1,149,204	1,009,308	890,390
Maryland, type 32:				
1992	12,513	11,609	15,707	11,609
1993	9,393	11,051	11,719	10,542
1994	11,308	17,847	15,098	12,136
1995	9,740	20,401	17,207	14,207
1996	14,443	21,385	17,929	15,980
One Sucker and Green River, types 35–36:				
1992	26,023	27,975	25,661	27,975
1993	24,605	27,742	25,843	24,177
1994	25,922	30,073	28,347	24,730
1995[3]	26,318	29,633	29,369	27,280
1996	26,463	30,161	28,011	25,424
Virginia sun-cured, type 37:				
1992	448	467	420	467
1993	386	429	332	209
1994	202	715	122	114
1995	139	173	119	107
1996	116	83	77	48
Pennsylvania seedleaf, type 41:				
1992	21,871	28,681	27,025	28,681
1993	22,116	26,970	27,564	25,462
1994	22,333	26,744	26,303	23,959
1995	22,127	24,058	22,682	20,467
1996	17,659	21,496	19,975	17,939
Miami Valley (Ohio) filler, types 42–44:				
1992	36	30	0	30
1993	0	17	14	10
1994	8	5	3	0
1995	0	0	0	0
1996	0	0	0	0
Puerto Rican filler, type 46:[2]				
1992	2,584	2,409	2,090	2,409
1993	1,642	1,335	1,148	1,186
1994	578	287	114	96
1995	55	48	43	35
1996	17	17	11	10
Connecticut Valley, types 51–52:				
1992	2,599	2,574	1,716	2,574
1993	2,114	2,252	3,016	1,918
1994	2,344	2,795	2,156	1,577
1995	2,427	2,455	2,170	1,381
1996	2,303	2,384	2,277	1,577
Wisconsin binder, types 54–55:				
1992	16,292	34,351	31,951	34,351
1993	25,387	34,266	33,735	30,845
1994	28,203	32,694	30,080	27,947
1995	25,681	28,560	26,340	24,550
1996	21,704	25,819	23,840	21,740
Cigar Wrapper, type 61:				
1992	2,672	2,606	1,242	2,606
1993	2,155	2,061	1,503	1,188
1994	2,144	1,988	1,890	1,296
1995	2,083	2,177	2,090	1,546
1996	2,440	2,363	2,256	1,642
Georgia and Florida shade-grown, type 62:				
1992	0	0	0	0
1993	0	0	0	0
1994	0	0	0	0
1995	0	0	0	0
1996	0	0	0	0
Perique, type 72:				
1992	56	53	52	53
1993	37	33	45	46
1994	16	35	45	21
1995	38	38	47	27
1996	21	20	18	16
Other miscellaneous domestic, type 73:				
1992	2,008	1,961	1,236	1,961
1993	1,673	1,120	821	1,205
1994	739	1,169	1,344	2,627
1995	3,065	2,099	2,193	2,270
1996	2,445	2,451	2,330	2,289
Foreign-grown cigar-leaf, types 81–89:				
1992	71,080	70,397	76,513	70,397
1993	75,890	76,129	81,322	78,642
1994	79,017	76,834	74,445	77,990
1995	70,519	76,017	78,570	76,464
1996	80,906	82,913	91,212	80,110
Foreign-grown cigarette and smoking, types 91–99:				
1992	832,339	827,531	868,109	827,531
1993	875,520	904,718	979,311	982,689
1994	933,621	920,661	949,424	923,272
1995	1,014,859	1,030,228	967,811	947,395
1996	1,058,697	1,128,258	1,024,179	1,032,422

[1] 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. [2] Stocks on the island of Puerto Rico are included. [3] One Sucker and Green River combined.

AMS Market Informaiton and Program Analysis Branch, (202) 205–0489.

Table 2-49.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1987–96

Year	Cigars		Cigarettes		Chewing tobacco			
	Large	Small	Large [1]	Small	Firm	Moist	Twist	Looseleaf
	Millions	*Millions*	*Millions*	*Millions*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
1987 ...	2,133.4	1,141.2	1.0	689,174.1	.....	10,000	1,434	67,270
1988 ...	1,979.6	1,176.3	2.18	694,515.4	.....	8,919	1,381	65,506
1989 ...	1,980.2	1,161.6	1.78	677,199.6	.....	8,341	1,258	64,906
1990 ...	1,896.7	1,253.4	.29	710,380.3	.....	7,409	1,224	64,283
1991 ...	1,739.8	1,025.0	.50	694,499.3	.....	6,728	1,187	64,325
1992 ...	1,740.5	1,309.9	.14	718,667.0	.....	5,813	1,176	61,571
1993 ...	1,765.8	1,250.1	.14	660,724.7	.....	5,318	1,137	57,998
1994 ...	1,916.5	1,409.8	.01	725,006.7	3,307	1,318	1,081	56,780
1995 ...	2,056.8	1,430.4	.01	743,519.1	2,886	1,247	1,085	57,678
1996 [2]	NA	NA	NA	NA	2,905	1,039	1,114	56,012
	Taxable removals and domestic invoices [3]							
1987 ...	2,673.5	1,153.4	.5	577,007.2	.....	9,763	1,450	65,181
1988 ...	2,428.3	1,160.4	.32	543,378.6	.....	8,517	1,342	64,832
1989 ...	2,364.7	1,146.8	.36	540,068.3	.....	8,119	1,290	63,517
1990 ...	2,233.2	1,214.1	.15	523,094.3	.....	7,172	1,235	62,278
1991 ...	2,134.0	1,532.0	.07	486,338.4	.....	6,446	1,190	63,664
1992 ...	2,105.8	1,302.0	.1	509,494.8	.....	5,658	1,169	60,915
1993 ...	2,110.8	1,205.2	.1	462,858.6	.....	4,995	1,122	57,671
1994 ...	2,144.8	1,366.9	0.2	488,606.9	3,095	1,191	1,114	56,431
1995 ...	2,364.6	1,397.0	.00	489,265.8	3,015	1,147	1,092	57,048
1996 [2]	NA	NA	NA	NA	2,797	952	1,104	55,136
	Tax-free removals and exports							
1987 ...	82.8	2.4	0	111,198.0	.....	266	0	149
1988 ...	78.0	3.2	0	132,952.4	.....	185	0	76
1989 ...	76.1	1.9	0	147,494.8	.....	181	0	77
1990 ...	73.9	.13	0	178,742.1	.....	157	0	58
1991 ...	72.9	.15	0	193,778.8	.....	88	0	50
1992 ...	78.1	8.1	0	199,240.4	.....	119	0	57
1993 ...	68.8	7.8	.1	193,577.7	.....	104	0	42
1994 ...	75.7	12.3	0.2	231,629.4	59	28	0	66
1995 ...	84.6	16.8	0.2	250,765.6	91	33	0	83
1996 [2]	NA	NA	NA	NA	73	32	0	100

See footnotes at end of table.

Table 2-49.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1987–96—Continued

Year	Smoking tobacco			Snuff	Total chewing, smoking, and snuff
	Pipe	Granulated	Cigarette cut		
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,00 pounds*	*1,000 pounds*
1987 ..	14,159	69	3,772	47,185	143,889
1988 ..	12,731	94	3,835	48,637	141,403
1989 ..	12,675	126	4,155	49,687	141,148
1990 ..	12,220	65	4,146	46,304	135,651
1991 ..	11,272	37	4,398	54,358	142,305
1992 ..	10,085	84	4,741	57,449	140,919
1993 ..	8,990	37	4,646	59,106	137,232
1994 ..	8,077	50	5,268	59,491	135,372
1995 ..	7,614	93	4,536	60,202	135,026
1996 [2]	6,939	90	4,954	61,539	134,592
	Taxable removals and domestic invoices [3]				
1987 ..	13,756	131	3,807	45,093	139,181
1988 ..	12,506	111	3,760	47,809	138,877
1989 ..	12,052	122	3,948	49,131	138,179
1990 ..	11,232	72	3,957	44,466	130,412
1991 ..	10,146	37	4,532	53,438	139,453
1992 ..	9,491	62	4,527	55,555	137,377
1993 ..	8,526	38	4,731	56,729	133,812
1994 ..	7,380	44	5,128	58,567	132,950
1995 ..	7,032	100	4,686	59,339	133,459
1996 [2]	6,469	88	4,790	61,390	132,726
	Tax-free removals and exports				
1987 ..	541	0	0	774	1,730
1988 ..	566	0	0	917	1,744
1989 ..	589	0	0	797	1,644
1990 ..	488	0	0	960	1,663
1991 ..	536	0	0	979	1,653
1992 ..	553	0	0	715	1,444
1993 ..	413	0	0	769	1,328
1994 ..	513	0	0	798	1,464
1995 ..	524	0	0	821	1,552
1996 [2]	429	0	0	292	926

[1] Weighing more than three pounds per thousand. [2] Preliminary. [3] Includes cigars and cigarettes imported or brought into the United States and Puerto Rico. NA-not available.

AMS, Market Information and Program Analysis Branch, (202) 205–0489.

Table 2-50.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1987–96 [1]

Year	Cigarettes			Large cigars [2]			Smoking, chewing, and snuff [3]		All tobacco products [3]	
	Total	Total	Per capita	Total	Total	Per capita	Total	Per capita	Total	Per capita
	Billion	*Million pounds*	*Number*	*Billion*	*Million pounds* [4]	*Number*	*Million pounds*	*Pounds*	*Million pounds*	*Pounds*
1987	575	989	3,197	2.7	44	15	96	0.53	1,133	6.3
1988	563	973	3,096	2.5	41	14	96	0.53	1,110	6.11
1989	540	912	2,926	2.5	41	14	94	0.51	1,047	5.67
1990	525	909	2,817	2.4	39	13	93	0.5	1,041	5.58
1991	510	905	2,713	2.3	38	12	94	0.5	1,037	5.52
1992	500	891	2,640	2.2	36	12	93	0.49	1,020	5.39
1993	485	864	2,539	2.1	34	11	90	0.47	988	5.13
1994	486	816	2,527	2.3	41	12	92	0.47	948	4.93
1995 [5]	487	818	2,505	2.5	45	16	93	0.46	958	4.7
1996 [5]	487	818	2,482	3.0	54	16	90	0.44	997	4.7

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

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5245. 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 2-51.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1987–96

Year	Cigarettes				Cigars [3]			
	Total output	Domestic consumption [1]	Tax-exempt removals [2]		Total output [4]	Domestic consumption [1]	Tax-exempt removals [2]	
			Total	Exports			Total	Exports
	Billion	*Billion*	*Billion*	*Billion*	*Million*	*Million*	*Million*	*Million*
1987	689.4	575	111.2	100.2	2,133	2,728	86	145
1988	694.5	562.5	128.7	118.5	1,980	2,531	78	87
1989	677.2	540	149.1	141.8	2,010	2,511	80	37
1990	709.7	525	178.8	164.3	1,896	2,345	74	72
1991	694.5	510	193.7	179.2	1,740	2,246	73	70
1992	718.5	500	213	205.6	1,741	2,219	78	76
1993	661	485	202	195.5	1,795	2,138	68	67
1994	725.5	486	231.6	220.2	1,942	2,337	78	75
1995 [5]	746.5	487	250.9	231.1	2,058	2,566	82	78
1996 [5]	754.5	487	261.0	243.9	2,476	3,090	90	105

[1] As indicated by taxable removals and imports, and estimated inventory changes. [2] In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores. [3] Includes cigarillos but excludes small (approximately cigarette-size) cigars. [4] Includes cigars shipped to mainland United States from Puerto Rico. [5] Preliminary.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5245. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department.

Table 2-52.—Tobacco: Price-support loan operations, United States, 1988–97 [1]

Year	Flue-cured, types 11–14			Burley, type 31		
	Support price per pound	Placed under loan		Support price per pound	Placed under loan	
		Quantity	Percentage of production		Quantity	Percentage of production
	Cents	*Million pounds*	*Percent*	*Cents*	*Million pounds*	*Percent*
1988	144.2	15.2	1.9	150.0	14.6	3.2
1989	146.8	28.4	3.4	153.2	0.3	0.1
1990	148.8	74.1	8.1	155.8	.....	.....
1991	152.8	49.6	5.6	158.4	42.4	6.4
1992	156.0	81.8	9.1	164.9	142.4	20.4
1993	157.7	204.8	23.0	168.3	232.3	37.0
1994	158.3	97.7	12.1	171.4	54.7	9.6
1995	159.7	11.5	1.3	172.5	0.0	0.0
1996	160.1	1.8	0.2	173.7	0.0	0.0
1997	162.1	.....	.....	176.0	.....	.....

[1] Support operations for other kinds of tobacco not shown. Burley and flue-cured usually account for over 95 percent of tobacco loan placements.

FSA, Tobacco and Peanuts Division, (202)–720–8839.

Table 2-53.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1994–96

Type and country of origin	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cigarette leaf:			
Turkey	39,569	33,555	66,808
Brazil	47,067	17,606	49,459
Argentina	13,092	6,210	15,300
Thailand	12,267	1,363	13,951
Malawi	14,534	8,649	13,208
Greece	9,466	23,581	13,074
Zimbabwe	17,109	1,539	7,281
Italy	3,286	10,585	7,053
Indonesia	4,978	6,513	6,258
Other countries	41,792	59,340	46,828
Total	203,160	168,941	239,220
Cigar wrapper:			
Dominican Rep.	107	92	329
Ecuador	127	116	229
Indonesia	51	59	210
Mexico	48	89	114
Other countries	140	75	142
Total	473	431	1,024
Scrap:			
Turkey	55	1,746	6,060
Macedonia	20	618	1,008
Greece	0	582	432
Dominican Republic	399	329	389
Albania	0	0	303
Syria	0	0	265
Other countries	370	1,551	598
Total	844	4,826	9,055
Stems:			
Brazil	19,563	11,364	32,874
Agentina	2,502	583	7,985
Malawi	4,160	0	4,350
Mexico	29	0	1,974
Zimbabwe	2,841	0	1,921
Other countries	9,752	4,149	3,985
Total	38,847	16,096	53,089
Grand total [2]	243,324	190,295	302,384

[1] Preliminary. [2] Includes unstemmed and stemmed cigar filler.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516. Compiled from U.S. Bureau of the Census records.

Table 2-54.—Tobacco, unmanufactured: International trade, 1994–96

Continent and country	1994		1995		1996	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North America:						
Canada	19,000	10,000	19,000	10,000	19,000	10,000
Mexico	7,080	3,000	11,587	2,000	15,308	4,000
United States	209,482	199,088	222,316	326,455	230,000	340,000
Total North America	235,562	212,088	252,903	338,455	264,308	354,000
Central America:						
Belize	0	50	0	55	0	55
Costa Rica	0	78	0	78	0	78
El Salvador	358	404	358	404	358	404
Guatemala	5,127	0	10,028	46	10,235	50
Honduras	4,686	175	4,686	175	4,686	175
Nicaragua	160	400	160	400	160	400
Panama	1,500	325	1,300	200	1,300	200
Total Central America	11,831	1,432	16,532	1,358	16,739	1,362
Carribean:						
Barbados	0	150	0	155	0	150
Bahamas, The	0	60	0	65	0	65
Cuba	4,000	300	5,000	300	5,000	300
Dominican Republic	13,541	360	15,913	380	16,000	390
Grenada	0	20	0	20	0	20
Haiti	0	1,000	0	1,000	0	1,000

See footnotes at end of table.

Table 2-54.—Tobacco, unmanufactured: International trade, 1994–96 —Continued

Continent and country	1994		1995		1996	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
Carribean: Continued						
Jamaica & Dep	250	450	200	450	200	450
Netherlands Antilles	0	4	0	4	0	4
St. Lucia	20	60	20	60	20	60
Trinidad and Tobago	0	800	0	800	0	800
St. Vincent and Gren.	68	18	70	20	70	30
Total Carribean	17,879	3,222	21,203	3,254	21,290	3,269
South America:						
Argentina	43,400	6,200	55,800	6,000	59,500	5,000
Bolivia	0	250	0	250	0	250
Brazil	256,300	15,900	282,500	17,300	294,000	15,000
Chile	4,560	1,430	4,069	1,330	4,100	3,120
Colombia	14,000	475	14,000	475	14,000	475
Ecuador	250	800	250	800	250	800
French Guiana	0	8	0	10	0	10
Guyana	0	150	0	160	0	160
Surinam	0	500	0	550	0	500
Paraguay	7,050	720	7,050	720	7,050	720
Peru	108	750	108	750	108	750
Uruguay	228	2,700	228	2,700	228	2,700
Venezuela	1,030	4,763	0	4,220	0	4,210
Total South America	326,926	34,646	364,005	35,265	379,236	33,695
European Union:						
Austria	500	12,100	100	12,900	200	14,600
Belgium-Luxembourg	21,684	42,305	29,500	55,626	29,000	54,000
Denmark	1,545	15,564	2,010	16,669	2,000	17,000
Ireland	0	5,500	0	5,800	0	5,800
Finland	698	3,911	658	5,867	80	6,976
France	9,963	33,402	11,182	29,778	12,000	29,600
Germany	42,762	209,761	72,848	235,855	75,000	250,000
Greece	133,000	15,000	106,243	13,500	98,000	16,800
Italy	118,839	31,675	138,829	27,952	107,000	24,865
Netherlands	6,388	89,075	11,517	97,368	7,000	97,500
Portugal	2,400	7,128	2,000	7,800	2,000	7,800
Spain	24,722	48,342	27,622	52,784	22,800	53,650
Sweden	3,186	6,775	313	6,432	0	6,500
United Kingdom	9,522	141,467	10,489	166,027	10,000	131,876
Total European Union	375,209	662,005	413,311	734,358	365,080	716,967
Western Europe:						
Iceland	0	10	0	10	0	10
Malta & Gozo	150	1,000	150	1,000	150	1,000
Norway	294	3,989	495	4,221	500	4,400
Switzerland	10,791	37,033	8,365	41,839	9,000	44,500
Total Western Europe	11,235	42,032	9,010	47,070	9,650	49,910
Eastern Europe:						
Albania	10,000	0	10,000	0	10,000	0
Bulgaria	30,262	9,856	22,775	37,200	23,100	25,200
Czechoslovakia	0	18,400	0	18,300	0	18,500
Czech Republic	200	17,600	250	17,750	100	17,900
Croatia	2,791	2,575	3,434	1,583	4,100	1,800
Hungary	1,000	16,805	1,360	19,000	1,000	13,000
Poland	581	44,549	2,790	42,050	500	37,800
Romania	7	7,730	0	8,000	0	7,500
Serbia/Montenegro	900	5,500	1,700	7,000	200	7,700
Total Eastern Europe	45,741	123,015	42,309	150,883	39,000	129,400
Former Soviet Union:						
Azerbaijan, Republic of	11,822	0	7,000	0	4,500	0
Armenia, Republic of	0	2,671	0	2,671	0	2,671
Byelarus, Republic of	0	8,000	0	8,000	0	8,000
Estonia	0	2,000	0	2,000	0	2,000
Georgia, Republic of	1,000	0	1,500	0	1,500	0
Kyrgyzstan, Republic of	17,000	1,200	23,500	1,200	23,000	1,000
Kazakhstan, Republic of	0	16,000	0	16,000	0	16,000
Latvia	0	2,000	0	2,000	0	2,000
Lithuania	0	4,000	0	4,000	0	4,000
Moldova, Republic of	25,559	1,772	20,879	2,368	22,500	3,000
Russian Federation	2,260	148,110	1,750	125,296	700	148,800
Tajikistan, Republic of	2,500	0	2,700	0	2,800	0
Turkmenistan	0	4,000	0	4,000	0	4,000
Ukraine	0	48,000	0	50,000	0	47,000
Uzbekistan, Rep.	17,400	0	14,500	0	16,000	0
Total former Soviet Union	77,541	237,753	71,829	217,535	71,000	238,471
Middle East:						
Bahrain	0	170	0	175	0	175
Cyprus	20	1,400	20	1,400	0	1,400
Israel	0	4,400	0	4,700	0	4,800
Jordan	200	2,500	900	2,500	500	2,500
Kuwait	15	60	15	65	0	65
Lebanon	2,200	0	2,000	0	2,000	0
Oman	700	100	700	100	700	100
Qatar	0	2	0	2	0	2
Saudi Arabia	0	1,600	0	1,620	0	1,600
Syria	5,000	0	2,439	0	9,646	0
Turkey	136,392	26,000	169,703	49,000	121,000	56,000
Yemen	0	6,000	0	6,000	0	6,000

See footnotes at end of table.

Table 2-54.—Tobacco, unmanufactured: International trade, 1994–96—Continued

Continent and country	1994		1995		1996	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
Middle East: Continued						
Total Middle East:	144,527	42,232	175,777	65,562	133,846	72,642
North Africa:						
Algeria	0	19,500	0	18,000	0	18,000
Egypt	0	53,296	0	52,000	0	41,500
Libya	0	2,000	0	2,000	0	2,000
Morocco	0	8,930	0	8,000	0	8,000
Sudan	0	500	0	500	0	500
Tunisia	790	5,200	500	5,000	0	5,500
Total North Africa	790	89,426	500	85,500	0	75,500
Other Africa:						
Angola	0	1,500	0	1,500	0	1,500
Botswana	0	200	0	200	0	200
Congo	0	1,197	0	1,200	0	1,200
Zaire	0	1,000	0	1,000	0	1,000
Cameroon	1,500	2,500	1,500	2,400	1,500	2,400
Comoros	0	4	0	4	0	4
Central African Rep.	370	300	370	300	370	300
Cape Verde	0	85	0	90	0	90
Djibouti Afars-Issas	0	80	0	85	0	80
Benin	0	450	0	475	0	475
Ethiopia	0	350	0	400	0	400
Gambia	0	350	0	360	0	360
Gabon	0	200	0	210	0	200
Ghana	0	250	0	275	0	275
Guinea	0	110	0	115	0	115
Cote d'Ivoire	0	3,100	0	3,000	0	3,000
Kenya	2,600	100	3,916	0	11,100	0
Liberia	0	300	0	310	0	315
Madagascar	500	1,000	500	1,000	500	1,000
Malawi	99,057	0	95,555	0	105,500	0
Mali	0	200	0	200	0	200
Mauritius	0	70	0	70	0	70
Mauritania	0	800	0	820	0	820
Mozambique	0	100	0	100	0	100
Niger	0	100	0	100	0	100
Nigeria	23	2,372	0	2,300	0	2,300
Guinea-Bissau	0	100	0	100	0	100
Reunion	160	200	160	200	160	200
Zimbabwe	174,289	45	195,958	45	175,572	45
Rwanda	0	600	0	620	0	620
Seychelles	0	80	0	85	0	80
South Africa	7,573	14,353	6,770	20,799	5,000	18,000
Senegal	0	4,000	0	4,100	0	4,000
Sierra Leone	100	525	100	525	100	525
Togo	0	50	0	50	0	50
Tanzania	14,337	0	12,000	0	14,000	0
Uganda	4,106	0	4,000	0	3,900	0
Burkina	0	1,000	0	1,100	0	1,100
Swaziland	40	15	0	0	0	0
Zambia	1,917	17	1,800	20	2,000	20
Total Other Africa	306,572	37,703	322,629	44,158	319,702	41,244
Asia:						
Afghanistan	0	6	0	6	0	0
Bangladesh	2,500	1,000	2,500	1,100	2,500	1,100
Sri Lanka	500	250	500	250	500	250
China	68,413	8,554	60,156	13,705	85,000	17,000
Hong Kong	1,524	22,252	6,128	18,479	5,700	21,900
Indonesia	18,039	47,635	16,376	43,504	18,300	48,900
India	77,680	420	118,000	70	115,000	60
Japan	579	115,072	486	85,634	300	96,000
Korea, North	3,000	0	3,000	0	3,000	0
Korea, South	532	12,371	8,021	15,745	5,100	16,010
Macau	0	60	0	60	0	60
Malaysia	43	9,564	0	11,313	0	12,200
Nepal	0	8,000	0	8,000	0	8,000
Pakistan	417	3	913	4	1,300	4
Philippines	11,019	26,233	14,064	13,560	11,000	11,700
Singapore	7,367	21,767	4,814	20,337	4,100	21,020
Thailand	20,865	9,526	29,778	9,945	33,150	10,530
Taiwan	2,016	9,649	242	10,288	228	11,451
Total Asia	214,494	292,362	264,978	252,000	285,178	276,185
Oceania:						
Australia	451	15,211	1,000	11,300	1,000	11,100
Solomon Islands	0	150	0	150	0	150
Fiji	0	180	0	180	0	180
New Zealand	25	3,100	0	3,000	0	3,000
Papua New Guinea	40	1,000	0	1,000	0	1,000
Total Oceania	516	19,641	1,000	15,630	1,000	15,430
World Total	1,768,823	1,797,557	1,955,986	1,991,028	1,906,029	2,008,075

[1] Imports are general imports (actual arrivals).

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516, Derived from official statistics of foreign Governments, or other foreign sources.

Table 2-55.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1994–96

Type and country of destination	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
Total Leaf: [2]			
Japan	57,247	48,480	40,245
Germany	24,554	32,061	27,330
Netherlands	13,994	17,782	18,320
Belgium/Luxembourg	5,557	8,132	18,200
Turkey	12,035	9,982	15,943
United Kingdom	6,690	6,458	15,615
Spain	5,760	5,336	8,205
Italy	5,113	6,703	7,921
Thailand	8,600	8,607	7,234
Denmark	6,737	6,605	6,834
Switzerland	2,721	6,538	6,756
Malaysia	3,708	5,046	6,659
Korea, South	3,066	5,990	6,565
Taiwan	6,939	5,353	4,205
Singapore	4,476	3,705	3,399
Indonesia	811	1,612	3,064
Philippines	2,147	2,484	2,894
Dominican Republic	1,620	1,919	2,684
Australia	2,892	2,162	2,552
Hong Kong	4,825	4,739	2,427
Sweden	3,302	1,343	1,694
France	1,427	1,771	1,466
Canada	402	384	1,400
Norway	737	752	1,252
Nigeria	1,506	1,846	1,073
New Zealand	460	396	792
Venezuela	2	0	497
Israel	528	819	473
Poland	1,016	1,327	459
Austria	852	239	452
Pakistan	284	326	403
Brazil	2	21	346
Egypt	117	2,739	345
Czech Republic	0	298	342
Yugoslavia	0	0	336
Jordan	0	0	332
Jamaica & Dep	177	254	289
South Africa	7	23	265
Bangladesh	791	315	228
Ireland	580	1,186	220
Cyprus	371	79	218
Other countries	4,739	5,670	2,382
Total	196,792	209,482	222,316
Flue-cured:			
Japan	32,424	30,542	22,940
Germany	14,019	20,318	15,489
United Kingdom	5,028	5,274	9,726
Turkey	5,881	6,583	8,338
Belgium/Luxembourg	2,507	4,968	7,551
Korea, South	3,061	5,918	6,552
Netherlands	4,788	8,912	5,451
Malaysia	3,188	3,425	5,059
Taiwan	6,939	4,979	4,116
Italy	1,955	4,579	3,785
Denmark	3,292	3,258	3,221
Thailand	4,573	4,274	3,032
Indonesia	625	1,302	2,254
Singapore	2,891	2,046	1,934
Australia	2,211	1,540	1,900
Switzerland	1,331	1,776	1,741
Spain	1,582	1,167	1,524
Hong Kong	3,057	2,979	1,490
Philippines	761	666	1,135
Sweden	424	425	849
Norway	331	422	745
New Zealand	390	316	617
Canada	124	61	449
Austria	693	139	417
Pakistan	283	326	403
France	436	679	296
South Africa	0	0	238
Cyprus	279	79	218
Ireland	565	1,156	212
Bangladesh	716	248	208
Greece	38	153	203
Bulgaria	307	301	175
Others	2,712	4,231	527
Total	107,411	123,042	112,795
Burley:			
Germany	9,151	9,566	9,705
Japan	13,199	10,075	8,395
Netherlands	5,082	4,936	7,242
Thailand	4,026	4,333	4,201
Belgium/Luxembourg	1,127	2,077	3,937
Italy	2,190	1,649	3,141
Turkey	3,926	753	2,351
Spain	1,419	1,207	1,652
Denmark	1,336	1,389	1,623
Philippines	1,386	1,805	1,549
Malaysia	185	1,066	1,512
Singapore	1,409	1,426	1,366
Switzerland	999	1,151	1,017
United Kingdom	71	301	952
Hong Kong	1,517	1,263	858
France	434	623	612
Canada	151	7	513
Poland	1,016	1,327	459
Israel	171	131	227
Indonesia	102	169	203
Australia	163	171	165
Croatia	0	0	118
Taiwan	0	0	71
Surinam	0	79	70
Peru	15	129	68
Sweden	264	369	38
Costa Rica	0	36	35
Panama	0	0	27
Norway	0	41	23
Finland	149	166	21
Dominican Republic	0	0	19
India	0	0	18
Others	371	885	13
Total	49,859	47,130	52,201
Dark-fired Kentucky and Tennessee:			
Netherlands	3,308	1,707	2,420
Sweden	1,908	412	503
France	469	238	484
Norway	211	233	465
Egypt	117	75	309
Nigeria	223	529	259
Switzerland	125	196	247
Belgium/Luxembourg	237	116	215
Italy	353	75	214
Indonesia	34	33	60
Denmark	98	154	53
Iceland	11	22	23
Austria	0	0	19
Malta & Gozo	6	0	7
Japan	0	0	5
Russian Federation	0	0	3
Singapore	0	0	1
Germany	38	36	1
Turkey	196	0	0
Taiwan	0	375	0
Other countries	366	208	([1])
Total	7,700	4,409	5,287

See footnotes at end of table.

Table 2-55.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1994–96—Continued

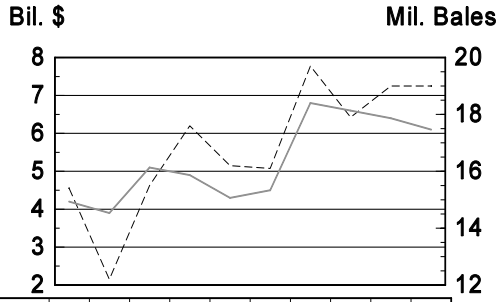
Type and country of destination	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
VA Fire and Sun-Cured:			
United Kingdom	567	257	291
Sweden	123	45	155
Dominican Rep.	0	0	27
Norway	175	34	19
Germany	0	0	5
Turkey	62	0	0
Switzerland	8	0	0
Netherlands	186	0	0
Spain	17	16	0
Other countries	242	291	0
Total	1,380	643	497
Maryland:			
Germany	794	443	764
Indonesia	0	56	435
Switzerland	233	491	390
Italy	500	200	290
Israel	192	180	150
Nigeria	0	0	49
Austria	16	33	16
Korea, South	0	0	10
Others	117	239	1
Total	1,852	1,642	2,105
Blackfat:			
Nigeria	1,244	1,246	702
Turkey	0	0	253
French Guiana	9	0	11
Leeward-Windwrd. Is	6	5	8
Argentina	0	1	0
Benin	203	113	0
Others	34	1	([1])
Total	1,496	1,366	973
Cigar Wrapper:			
Dominican Republic	1,455	1,721	2,570
Jamaica & Dep.	176	196	231
Turkey	2	169	115
Chile	56	35	114
Honduras	125	915	59
Nigeria	0	0	42
Nicaragua	0	.....	41
Netherlands Ant.	0	1	31
Switzerland	0	4	25
Costa Rica	0	0	19
Canada	25	32	18
Others	262	425	98
Total	2,101	3,498	3,363

Type and country of destination	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
Stems Refuse:			
Japan	11,594	7,842	8,881
Belgium-Lux.	1,344	514	6,223
Switzerland	15	2,918	3,335
Turkey	1,513	1,459	3,229
Netherlands	429	1,085	3,126
United Kingdom	258	115	2,115
Denmark	2,006	1,789	1,937
Germany	542	1,394	1,287
Venezuela	0	0	493
Australia	503	434	473
Czech Republic	0	0	342
Yugoslavia	0	0	336
Jordan	0	0	332
Italy	115	86	230
Spain	113	124	204
Hungary	0	0	194
Canada	0	0	174
New Zealand	48	63	157
Sweden	583	91	146
Russian Fed.	0	154	130
Indonesia	49	49	104
Singapore	159	232	98
Others	810	1,053	428
Total	20,081	19,402	33,974
Other unmanufactured, Tobacco:			
Spain	2,604	2,822	4,820
United Kingdom	697	506	2,516
Turkey	454	1,019	1,656
Brazil	0	0	343
Belguim-Lux.	16	151	265
Italy	0	113	261
Cananda	102	264	246
Philippines	0	0	204
Honduras	52	73	91
Malaysia	331	504	88
Netherlands	115	1,134	79
United Arab Em.	3	731	78
Germany	9	51	77
Sri Lanka	1	0	42
Dominican Rep.	164	166	36
Egypt	0	277	36
Lebanon	0	.....	32
South Africa	7	23	28
Netherlands Ant.	28	2	26
Japan	30	20	23
Others	299	494	174
Total	4,912	8,350	11,121

[1] Preliminary. [2] Includes re-exports.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9516. Compiled from U.S. Bureau of the Census records.

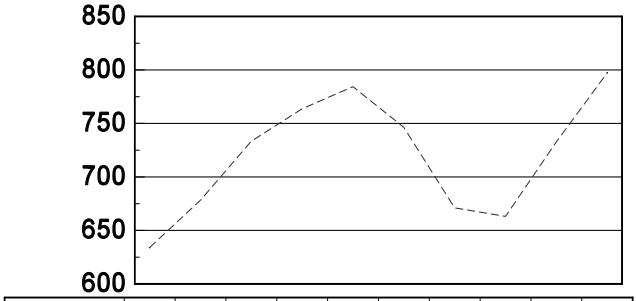
Cotton Production & Value of Production 1988-97



Year	88	89	90	91	92	93	94	95	96	97
Production	15.4	12.2	15.5	17.6	16.2	16.1	19.7	17.9	19.0	19.0
Value of Production	4.2	3.9	5.1	4.9	4.3	4.5	6.8	6.6	6.4	6.1

NASS Table 2-1

Tobacco Acres Harvested, 1988-97



Year	88	89	90	91	92	93	94	95	96	97
Harv. Acres	634.0	678.2	733.3	763.7	784.4	746.4	671.1	663.1	732.7	797.3

NASS Table 2-44

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 3-1.—Cottonseed: All cotton harvested area and cottonseed production, farm disposition, marketing year average price per ton received by farmers, and value, United States, 1988–97

Year	Harvested area of all cotton	Cottonseed				
		Production	Total sales to oil mills	Other [1]	Marketing year average price	Value of production
	1,000 acres	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars*	*1,000 dollars*
1988	11,948.2	6,061.8	4,828.6	1,233.2	118.00	718,255
1989	9,537.7	4,677.4	3,365.4	1,312.0	105.00	492,683
1990	11,731.6	5,968.5	4,311.2	1,657.3	121.00	722,313
1991	12,959.5	6,925.5	4,667.2	2,258.3	71.00	492,261
1992	11,123.3	6,230.1	3,920.2	2,309.9	97.50	608,438
1993	12,783.3	6,343.2	3,927.4	2,415.8	113.00	714,389
1994	13,322.3	7,603.9	5,012.2	2,591.7	101.00	771,315
1995	16,006.7	6,848.7	4,439.1	2,409.6	106.00	731,005
1996	12,868.1	7,143.5	4,363.2	2,780.3	126.00	914,564
1997 [2]	13,283.5	7,278.0	NA	NA	121.00	876,450

[1] Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses. [2] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 3-2.—Cottonseed: Production, farm disposition, and marketing year average price per ton received by farmers, by States, 1995–97

State	Production			Total sales to oil mills			Other [3]			Price per ton for crop of—		
	1995	1996	1997 [1]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [1]
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars*	*Dollars*	*Dollars*
AL	162.0	273.0	192.0	61.0	95.0	.....	101.0	178.0	.....	90.00	113.00	111.00
AZ	334.0	324.0	329.0	162.0	124.0	.....	172.0	200.0	.....	131.00	155.00	134.00
AR	580.0	635.0	683.0	504.0	596.0	.....	76.0	39.0	.....	106.00	116.00	107.00
CA	940.0	1,020.0	967.0	338.0	134.0	.....	602.0	886.0	.....	132.00	176.00	174.00
FL	38.0	46.0	46.0	16.0	26.0	.....	22.0	20.0	.....	.....	109.00	120.00
GA	674.0	681.0	640.0	231.0	329.0	.....	443.0	352.0	.....	83.50	105.00	108.00
KS	0.3	1.4	6.0	0.0	1.4	.....	0.3	0.0	.....	.....	113.00	115.00
LA	499.0	499.0	365.0	380.0	340.0	.....	119.0	159.0	.....	108.00	124.00	110.00
MS	727.0	735.0	712.0	672.0	681.0	.....	55.0	54.0	.....	103.00	119.00	106.00
MO	221.0	234.0	234.0	180.0	188.0	.....	41.0	46.0	.....	96.50	105.00	111.00
NM	33.4	38.1	39.0	3.1	6.8	.....	30.3	31.3	.....	137.00	165.00	134.00
NC	282.0	343.0	325.0	23.0	38.0	.....	259.0	305.0	.....	78.00	103.00	114.00
OK	56.0	56.0	85.0	48.0	52.0	.....	8.0	4.0	.....	114.00	113.00	106.00
SC	132.0	155.0	138.0	97.0	100.0	.....	35.0	55.0	.....	75.00	95.50	108.00
TN	292.0	262.0	259.0	263.0	212.0	.....	29.0	50.0	.....	99.50	118.00	115.00
TX	1,828.0	1,784.0	2,208.0	1,461.0	1,440.0	.....	367.0	344.0	.....	110.00	129.00	114.00
VA	50.0	57.0	50.0	0.0	0.0	.....	50.0	57.0	.....	78.00	104.00	102.00
US	6,848.7	7,143.5	7,278.0	4,439.1	4,363.2	.....	2,409.6	2,780.3	.....	106.00	126.00	121.00

[1] Preliminary. [2] Not available. [3] Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses.

NASS, Crops Branch, (202) 720–2127.

Table 3-3.—Cottonseed: Crushings, output of products and product prices, United States, 1987–96

Year beginning August	Quantity crushed	Cottonseed products and prices				Year beginning August	Quantity crushed	Cottonseed products and prices			
		Oil		Cake and meal				Oil		Cake and meal	
		Quantity	Price [1]	Quantity	Price [2]			Quantity	Price [1]	Quantity	Price [2]
	1,000 tons	*Million pounds*	*Cents per pound*	*1,000 tons*	*Dollars per ton*		*1,000 tons*	*Million pounds*	*Cents per pound*	*1,000 tons*	*Dollars per ton*
1987 ..	3,396	1,204	22.0	1,647	178.50	1992 ..	3,629	1,137	30.07	1,533	161.78
1988 ..	3,730	1,243	20.0	1,689	185.00	1993 ..	3,470	1,119	30.30	1,563	164.30
1989 ..	2,974	1,039	23.3	1,327	163.30	1994 ..	3,947	1,312	29.23	1,830	112.02
1990 ..	3,369	1,154	22.3	1,691	130.75	1995 ..	3,882	1,229	26.53	1,748	190.74
1991 ..	3,981	1,279	20.1	1,764	140.50	1996 ..	3,860	1,230	25.58	1,775	192.0

[1] Tanks, f.o.b. Valley Points. [2] 41 percent protein, solvent, Memphis.

ERS, Field Crops Branch, (202) 694–5300. Compiled from annual reports of the U.S. Department of Commerce.

Table 3-4.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1987–96 [1]

Year beginning August[1]	Cottonseed quality analysis [2]					Quantity [3]	Quality [4]	Average grade [5]	Samples graded [6]
	Oil	Ammonia	Moisture	Free fatty acids	Foreign matter				
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Index*	*Index*		*Number*
1987	18.3	4.06	9.4	0.6	1.6	101.09	98.9	100.2	33,210
1988	17.9	4.02	10.2	0.9	1.3	99.96	98.6	98.9	36,235
1989	18.0	3.96	9.9	0.7	1.5	100.51	98.9	99.6	24,301
1990	17.4	4.09	10.1	0.8	1.3	99.00	98.9	97.9	30,350
1991	18.0	3.92	10.2	0.8	1.6	100.45	98.6	99.1	32,978
1992	17.5	3.68	10.5	0.8	1.3	97.28	99.3	96.3	27,292
1993	17.7	3.85	9.7	0.6	1.5	98.53	98.3	97.4	21,867
1994	17.8	3.80	10.5	1.0	1.1	98.81	98.3	97.1	21,877
1995	17.8	3.98	9.8	0.6	1.1	99.80	99.4	99.1	14,169
1996	18.1	3.92	10.2	0.9	1.1	100.78	99.1	100.7	14,444

[1] U.S. averages not fully representative of entire crop because of relatively small volume of seed graded in some areas. [2] 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. [3] The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, and ammonia. [4] 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. [5] The average grade is the product of the quantity index times the quality index. The base grade is 100.0. [6] Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture.

AMS, Cotton Division, (901) 384–3016.

Table 3-5.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination 1993/94–1995/96 (Marketing year October–September)

Continent and country of destination	Cottonseed oil [1]			Cottonseed cake and meal		
	1993/94	1994/95	1995/96 [2]	1993/94	1994/95	1995/96 [2]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North and Central America; incl. Caribbean:						
Canada	11,569	19,959	26,808	469	505	1,465
Dominican Republic	0	18	27	0	0	454
El Salvador	35,226	27,635	21,412	0	0	0
Guatemala	5,099	1,200	900	0	91	1,437
Mexico	8,072	3,248	1,495	57,691	62,290	53,061
Total [3]	73,527	59,229	56,738	58,220	62,886	56,418
South America:						
Venezuela	4,259	8	0	0	0	0
Total [3]	9,361	2,168	13,146	128	210	217
Europe:						
Austria	0	0	0	521	2,452	4,248
Belgium and Luxembourg	45	59	0	1,761	2,775	10,170
Denmark	0	0	50	0	129	0
France	0	0	0	110	28	40
Germany	0	0	108	4,481	3,815	9,004
Netherlands	1,479	700	1,998	0	0	1,365
United Kingdom	0	7,371	9,562	31	120	20
Total [3]	2,588	8,614	14,868	9,765	17,893	30,804
Africa:						
Egypt	16,836	0	0	0	0	0
Total [3]	16,847	0	4,336	661	1,067	1,000
Asia:						
Hong Kong	0	0	0	0	0	0
Israel	3,172	3,049	1,090	0	0	0
Japan	18,144	15,503	12,467	721	2,289	3,173
Korea, Rep. of	20,428	9,559	2,984	10,456	16,350	27,559
Total [3]	50,783	34,281	19,443	11,197	18,951	31,033
Oceania	49	59	296	0	0	223
Grand total [4]	153,159	104,351	108,826	79,972	101,007	119,965

[1] Crude and refined (includes shipments under P.L. 480). [2] Preliminary. [3] Includes quantities exported to countries not shown. [4] May not add due to rounding.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–5710. (Compiled from reports of the U.S. Department of Commerce.)

Table 3-6.—Cottonseed: Area, yield, and production in specified countries, 1994/95–1996/97 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North and Central America, and the Caribbean:									
Mexico	169	318	246	1.38	1.31	1.86	233	415	458
United States	5,391	6,478	5,208	1.28	0.96	1.24	6,898	6,213	6,481
Total [4]	5,560	6,796	5,454	2.66	2.26	3.11	7,131	6,628	6,939
South America:									
Argentina	700	960	880	0.86	0.78	0.64	602	744	560
Brazil	1,220	1,130	695	0.79	0.58	0.67	960	655	465
Colombia	81	112	88	1.23	1.25	1.24	100	140	109
Paraguay	320	310	105	0.63	0.60	0.71	200	185	75
Peru	97	109	109	0.79	0.84	0.91	77	92	99
Total [4]	2,418	2,621	1,877	4.30	4.05	4.17	1,939	1,816	1,308
European Union:									
Greece	384	440	420	1.51	1.52	1.13	580	670	475
Spain	40	31	76	1.60	1.45	1.51	64	45	115
Total [4]	424	471	496	3.11	2.97	2.64	644	715	590
Former Soviet Union: [5]	2,707	2,573	2,545	1.33	1.28	1.09	3,598	3,304	2,783
Africa:									
Cameroon	120	159	191	1.18	1.16	1.08	141	184	206
Egypt	305	306	387	1.38	1.27	1.45	420	390	563
Mali	240	336	420	0.98	0.91	0.82	234	307	346
South Africa, Republic of	67	115	116	0.69	0.70	0.47	46	80	55
Sudan	174	220	230	1.16	1.13	1.00	201	249	230
Tanzania, United Republic of	172	364	280	0.40	0.40	0.43	68	147	121
Zimbabwe	203	264	313	0.33	0.69	0.51	67	182	160
Total [4]	1,281	1,764	1,937	6.09	6.27	5.77	1,177	1,539	1,681
Asia and the Middle East:									
China, Peoples Republic of	5,530	5,422	4,722	1.39	1.58	1.60	7,704	8,580	7,560
India	7,861	9,063	9,166	0.59	0.62	0.64	4,600	5,626	5,851
Iran	250	290	300	0.89	0.80	0.81	222	233	242
Israel	20	30	30	2.60	2.43	3.07	52	73	92
Pakistan	2,650	3,048	3,200	1.03	1.17	0.99	2,722	3,570	3,179
Syria	180	195	219	2.08	2.17	2.26	375	424	495
Turkey	582	757	700	1.60	1.68	1.57	930	1,275	1,100
Total [4]	17,073	18,805	18,337	10.17	10.47	10.94	16,605	19,781	18,519
Australia	222	301	395	2.14	1.98	2.13	474	595	840
World Total [6]	32,133	35,855	33,728	1.02	1.00	1.02	32,904	35,888	34,274

[1] 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. [2] Harvested area. [3] Preliminary. [4] Includes only countries shown. [5] Former Soviet Union; includes all 15 republics of the USSR. [6] Includes all countries in USDA data base.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720-5710. (Compiled from reports of the U.S. Department of Commerce.)

Table 3-7.—Flaxseed: Area, yield, production, disposition, and value, United States, 1988–97

Year	Area planted	Area harvested	Yield per harvested acre	Production	Marketing year average price per bushel received by farmers	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	275	226	7.1	1,615	7.56	12,200
1989	195	163	7.5	1,215	7.20	8,724
1990	260	253	15.1	3,812	5.27	20,108
1991	356	342	18.1	6,200	3.52	21,845
1992	171	165	19.9	3,288	4.12	13,543
1993	206	191	18.2	3,480	4.25	14,848
1994	178	171	17.1	2,922	4.63	13,590
1995	165	147	15.0	2,211	5.19	11,475
1996	96	92	17.4	1,602	6.37	10,197
1997 [1]	146	135	16.1	2,171	5.75	12,473

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-8.—Flaxseed: Supply and disappearance, United States, 1987–96

Year beginning June	Supply				Disappearance			
	Stocks June 1	Production	Imports	Total	Total used for seed	Exports	Crushings [1]	Total domestic disappearance [2]
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1987	3,301	7,444	2,925	13,671	223	156	10,800	11,190
1988	2,325	1,615	6,730	10,670	158	764	8,500	8,658
1989	1,307	1,215	7,260	9,782	211	1,054	8,250	8,484
1990	244	3,812	6,715	10,771	288	549	8,800	9,251
1991	971	6,200	4,371	11,542	139	541	9,050	9,445
1992	1,556	3,288	6,035	10,879	167	230	8,600	9,104
1993	1,545	3,480	5,118	10,143	144	126	8,650	8,863
1994	1,155	2,922	6,005	10,082	134	72	8,550	8,840
1995	1,170	2,211	7,248	10,681	91	119	9,000	9,280
1996	1,230	1,601	8,390	11,222	123	144	10,000	10,625

[1] From domestic and imported seed. [2] Total supply minus exports and stocks June 1 of following year.

ERS, Field Crops Branch, (202) 694–5300.

Table 3-9.—Flaxseed: Area, yield, and production, by States, 1995–97

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
	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*
MN	10	4	6	9	4	6	19.0	15.0	14.0	171	60	84
ND	130	80	120	115	77	110	15.0	18.0	16.0	1,725	1,386	1,760
SD	22	10	15	20	9	14	13.0	14.0	18.0	260	126	252
Other States	3	3	5	3	2	5	18.3	15.0	15.0	55	30	75
US [1]	165	96	146	147	92	135	15.0	17.4	16.1	2,211	1,602	2,171

[1] Estimates include all States except AK and HI.

NASS, Crops Branch, (202) 720–2127.

Table 3-10.—Flaxseed: Marketing year average price and value of production, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per bushel			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
MN	5.10	6.40	5.70	872	384	479
ND	5.20	6.38	5.75	8,970	8,843	10,120
SD	5.12	6.22	5.65	1,331	784	1,424
Other States	5.49	6.20	6.00	302	186	450
US [2]	5.19	6.37	5.75	11,475	10,197	12,473

[1] Preliminary. [2] Estimates include all States except AK and HI.

NASS, Crops Branch, (202) 720–2127.

Table 3-11.—Flaxseed: Support operations, United States, 1988–97

Marketin year beginning June 1	Loan rate per bushel [1]	Put under loan [2]		Acquired by CCC under loan program [3]	Owned by CCC at end of marketing year
		Quantity	Percentage of production		
	Dollars	*1,000 bushels*	*Percent*	*1,000 bushels*	*1,000 bushels*
1988/89	([4])	.....	.....	.....	.....
1989/90	([4])	.....	.....	.....	.....
1990/91	([4])	.....	.....	.....	.....
1991/92	4.98	262.5	4.2	105.7	0
1992/93	4.98	83.9	2.6	31.4	0
1993/94	4.98	105.4	3.0	30.4	0
1994/95	4.87	185.7	6.3	39.3	0
1995/96	4.87	51.8	2.3	0.0	0
1996/97	4.99	39.3	2.0	0.0	0
1997/98	5.21	.....	.....	.....	.....

[1] The national average loan rate was also known as the price support rate prior to enactment of the Federal Agriculture Improvement and Reform Act of 1996. [2] Includes loans made. Does not include quantity on which loadn deficiency payments were made. [3] Acquisition through loan forefeitures from the crop harvested in the year indicated and not acquisitions during that year. [4] Loan programs not authorized for 1988 through 1990.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720–4417.

Table 3-12.—Flaxseed and linseed oil and meal: Average price Minneapolis, 1987–96

Year [1]	Average price received by farmers per bushel	Minneapolis		Year [1]	Average price received by farmers per bushel	Minneapolis	
		Oil, per pound [2]	Meal, per ton [3]			Oil, per pound [2]	Meal, per ton [3]
	Dollars	*Cents*	*Dollars*		*Dollars*	*Cents*	*Dollars*
1987	3.39	24.7	130.25	1992	4.12	31.5	133.60
1988	7.56	39.5	178.45	1993	4.25	31.8	139.55
1989	7.20	40.2	139.30	1994	4.63	33.7	91.96
1990	5.27	38.0	130.10	1995	5.25	36.5	133.60
1991	3.52	32.0	127.57	1996	6.21	36.0	169.75

[1] Year beginning June 1. [2] Raw oil in tank cars. [3] Bulk carlots, 34 percent protein.

ERS, Field Crops Branch, (202) 694–5300.

Table 3-13.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1987–96

Year beginning June	Total flaxseed crushed	Linseed oil			Linseed cake and meal		
		Stocks June 1	Production	Exports	Production	Imports for consumption	Exports
	1,000 bushels	*Million pounds*	*Million pounds*	*Million pounds*	*1,000 tons*	*1,000 tons*	*1,000 tons*
1987	10,800	51	217	8	198	2	59
1988	8,500	41	170	12	156	11	63
1989	8,250	48	165	12	153	9	23
1990	8,800	37	176	6	162	3	41
1991	9,050	40	182	12	167	0	40
1992	8,600	40	172	8	159	2	55
1993	8,650	54	174	3	160	2	49
1994	8,550	63	171	24	158	5	58
1995	9,000	45	180	23	167	4	56
1996	10,000	50	200	66	185	1	77

ERS, Field Crops Branch, (202) 694–5300.

Table 3-14.—Sunflowerseed, sunflowerseed oil, and sunflowerseed cake and meal: United States exports by country of destination 1993/94–1995/96 [1]

Continent and country of destination	Sunflowerseed			Sunflowerseed oil [2]			Sunflowerseed cake and meal		
	1993/94	1994/95	1995/96 [3]	1993/94	1994/95	1995/96 [3]	1993/94	1994/95	1995/96 [3]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North and Central America; incl. Caribbean:									
Canada	17,028	14,982	14,202	10,349	16,396	11,470	575	451	301
Mexico	5,203	5,861	6,648	140,920	102,542	120,435	25,237	1,734	2,941
Total [4]	22,705	20,921	20,909	172,308	125,449	143,210	25,848	2,185	3,242
South America:									
Venezuela	28	1	0	10,899	0	2,799	38	0	0
Total [4]	291	185	811	14,588	676	6,498	38	0	0
Europe:									
France	5,843	16,474	572	204	3	0	10,786	0	3,215
Germany	37,166	44,015	52,025	10	3	6	0	45	0
Netherlands	129,216	64,768	10,010	14,100	25,447	7,988	4,088	0	0
Spain	54,973	50,761	27,538	6,074	0	0	5,167	0	0
Total [4]	248,185	191,859	111,183	39,003	37,696	7,995	54,636	22,658	17,664
Former Soviet Union [5]	1,075	0	2,773	60	60	705	0	0	0
Africa:									
Algeria	0	0	0	127,891	67,935	52,932	0	0	0
Egypt	0	0	0	9,661	26,184	71,249	3,667	0	0
Total [4]	18	241	224	137,552	94,119	124,181	3,667	0	0
Asia:									
Japan	285	654	1,191	1,964	2,117	2,370	0	0	41
Korea, Rep. of	825	1,821	1,429	2	96	129	0	0	0
Total [4]	13,174	9,668	11,896	80,064	22,681	38,679	4,341	0	41
Oceania	1,060	1,331	1,500	58	3,092	285	0	0	0
Grand total [6]	286,509	224,204	149,296	443,828	284,652	321,554	88,531	24,844	20,947

[1] For sunflowerseed, year begins September 1; for sunflowerseed oil cake and meal, year begins October 1. [2] Crude and refined oil. [3] Preliminary. [4] Includes quantities exported to countries not shown. [5] Former Soviet Union; includes all 15 Republics of the USSR. [6] May not add due to rounding.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–5710. Compiled from reports of the U.S. Department of Commerce.

Table 3-15.—Peanuts: Area, yield, production, disposition, marketing year average price per pound received by farmers, and value, United States, 1988–97

Year	Area planted	Peanuts for nuts				
		Area harvested	Yield per acre	Production [1]	Marketing year average	Value of production
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1988	1,657.4	1,628.4	2,445	3,980,917	28.0	1,115,202
1989	1,665.2	1,644.7	2,426	3,989,995	28.0	1,118,875
1990	1,846.0	1,815.5	1,985	3,603,650	34.7	1,249,899
1991	2,039.2	2,015.7	2,444	4,926,570	28.3	1,392,041
1992	1,686.6	1,669.1	2,567	4,284,416	30.0	1,285,361
1993	1,733.5	1,689.8	2,008	3,392,415	30.4	1,030,904
1994	1,641.0	1,618.5	2,624	4,247,455	28.9	1,229,012
1995	1,537.5	1,517.0	2,282	3,461,475	29.3	1,013,323
1996	1,401.5	1,380.0	2,653	3,661,205	28.1	1,029,774
1997 [2]	1,429.0	1,405.8	2,523	3,546,360	26.1	927,047

[1] Estimates comprised of quota and non-quota peanuts. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-16.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1987–96

Year beginning August	Stocks Aug. 1 [1]	Production harvested for nuts [1]	Total supply	Milled [1 2]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
1987	25,894	3,616,010	3,641,904	3,440,176
1988	4,622	3,980,917	3,985,539	3,621,062
1989	51,248	3,989,995	4,041,243	3,889,374
1990	29,541	3,603,650	3,633,191	3,213,610
1991	41,559	4,926,570	4,968,129	4,478,126
1992	117,121	4,284,416	4,401,537	4,097,584
1993	61,252	3,392,415	3,453,667	3,147,078
1994	67,428	4,247,455	4,314,883	3,222,198
1995	48,574	3,461,475	3,510,049	2,558,954
1996	66,392	3,661,205	3,727,597	2,919,054

[1] Net weight basis. [2] Includes peanuts milled for seed.

NASS, Crops Branch, (202) 720–2127.

Table 3-17.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1987–96

Year beginning August	Peanuts crushed (shelled basis)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 [1]	Production of crude	Imports	Exports [2]	Stocks Aug. 1 [3]	Production
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
1987	421,214	23,273	168,263	33,058	7,053	4,445	247,851
1988	612,200	21,352	250,498	1,870	11,312	12,095	348,662
1989	469,351	29,290	193,000	1,208	18,536	29,349	261,465
1990	517,712	10,970	213,112	10,000	25,000	14,702	299,820
1991	828,986	21,198	356,276	1,000	151,000	8,856	459,457
1992	669,942	15,572	285,904	460	59,338	9,804	377,301
1993	503,674	19,779	212,216	11,421	61,145	11,395	292,093
1994	738,221	4,272	314,189	3,773	96,866	13,405	415,394
1995	751,281	19,763	320,909	4,678	108,146	14,910	420,919
1996	520,413	26,992	220,877	14,445	20,625	7,212	294,590

[1] Crude plus refined. [2] Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting. [3] Holding at producing mills only.

NASS, Crops Branch, (202) 720–2127, ERS, and Bureau of the Census.

Table 3-18.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1987–96

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports	Domestic disappearance	
						Total	Per capita
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Pounds*
1987	39,902	194,002	880	234,784	76,345	111,522	.45
1988	46,029	240,619	650	287,298	105,746	132,289	.53
1989	49,262	237,618	55	286,935	126,682	115,422	.46
1990	44,824	225,418	9	270,251	118,664	110,986	(1)
1991	40,601	281,983	114	322,698	157,442	96,258	.....
1992	69,018	274,285	0	343,303	136,391	135,024	.....
1993	71,938	186,232	9	258,179	83,438	141,056	.....
1994	33,685	296,057	7,308	337,050	102,351	164,079	.....
1995	70,620	188,954	8,628	268,202	73,937	163,283	.....
1996	30,981	264,337	6,988	302,306	80,465	168,070	.....

[1] Not available.

NASS, Crops Branch, (202) 720–2127, and ERS. Foreign trade from the Bureau of the Census.

Table 3-19.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1987–96

Year beginning August	Supply						Exports	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*
1987	683,622	21,300	2,015,144	301,379	1,949	3,023,394	407,557	421,214
1988	565,779	22,647	2,095,351	406,626	2,094	3,092,497	437,867	612,200
1989	513,679	44,397	2,319,780	374,859	1,477	3,254,192	577,807	469,351
1990	455,586	15,194	1,836,052	330,102	20,571	2,657,505	401,149	517,712
1991	386,155	65,950	2,538,397	616,170	27,000	3,633,672	630,000	828,986
1992	595,022	57,829	2,376,782	533,641	2,000	3,565,274	611,250	669,942
1993	871,207	43,760	1,748,734	425,710	1,420	3,090,831	352,500	503,674
1994	679,639	42,054	1,741,824	511,635	55,385	3,030,537	583,142	738,221
1995	752,814	58,188	1,253,451	491,818	108,303	2,664,574	564,021	751,281
1996	370,431	126,318	1,692,581	305,674	95,057	2,590,061	440,438	520,413

NASS, Crops Branch, (202) 720–2127, and ERS. Foreign trade from the U.S. Bureau of the Census.

Table 3-20.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1987–96

Type, and year beginning August	Shelled uses					Apparent disappearance (cleaned in shell)[2]
	Peanut butter[1]	Snack	Candy	Other	Total	
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Virginia:						
1987	42,841	120,084	40,251	13,811	216,987	.....
1988	78,436	112,101	37,145	16,448	241,130	.....
1989	90,622	130,000	28,701	13,691	263,014	.....
1990	101,069	142,113	26,043	17,017	286,242	.....
1991	89,045	142,520	51,312	14,699	297,576	.....
1992	92,355	124,875	49,223	9,442	275,895	.....
1993	63,270	99,381	44,889	15,101	222,641	.....
1994	51,354	97,389	26,857	15,316	190,916	.....
1995	71,310	93,041	25,176	13,656	203,183	.....
1996	64,274	91,882	24,158	12,852	193,166	.....
Runner:						
1987	691,179	220,511	249,673	21,485	1,152,848	.....
1988	741,197	237,008	259,680	18,367	1,256,252	.....
1989	773,985	234,661	278,062	20,102	1,306,810	.....
1990	580,691	189,254	259,995	19,483	1,049,423	.....
1991	759,747	180,609	244,815	18,062	1,203,233	.....
1992	674,962	203,732	259,498	14,583	1,152,775	.....
1993	635,047	227,286	298,325	18,738	1,179,396	.....
1994	644,711	185,377	302,697	19,325	1,152,110	.....
1995	634,350	169,142	304,285	15,942	1,123,719	.....
1996	634,387	176,851	318,924	19,185	1,149,347	.....
Spanish:						
1987	43,224	33,178	35,659	2,495	114,556	.....
1988	43,668	32,372	30,082	1,163	107,285	.....
1989	32,711	28,150	23,395	2,889	87,145	.....
1990	60,624	23,841	19,286	1,388	105,189	.....
1991	37,575	23,132	31,490	1,412	93,609	.....
1992	30,593	24,168	19,603	956	75,320	.....
1993	28,689	22,200	19,204	2,462	72,555	.....
1994	13,758	18,782	20,076	2,213	54,829	.....
1995	22,416	14,906	21,202	2,417	60,941	.....
1996	28,870	21,369	17,764	1,788	69,791	.....
All types:						
1987	747,244	373,773	325,583	37,791	1,484,391	187,875
1988	860,301	381,481	326,907	35,978	1,604,667	237,386
1989	897,318	392,811	330,158	36,682	1,656,969	242,056
1990	742,384	355,258	305,324	37,888	1,440,854	229,641
1991	886,367	346,255	327,617	34,173	1,594,418	253,566
1992	797,910	352,775	328,324	24,981	1,503,990	271,365
1993	727,006	348,867	362,418	36,301	1,474,592	224,485
1994	709,823	301,548	349,630	36,854	1,397,855	259,122
1995	728,076	277,089	350,663	32,015	1,387,843	228,593
1996	727,531	290,102	360,846	33,825	1,412,304	264,355

[1] Excludes peanut butter made by manufacturers for own use in candy and includes peanut butter used in sandwiches. Includes peanut butter used in spreads, sandwiches, and cookies. [2] Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

NASS, Crops Branch, (202) 720–2127, and ERS.

Table 3-21.—Peanuts: Area, yield, and production, by States, 1995–97

State	Area planted			Peanuts for nuts								
				Area harvested			Yield per harvested acre			Production[2]		
	1995	1996	1997[1]	1995	1996	1997[1]	1995	1996	1997[1]	1995	1996	1997[1]
	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*
AL	213.0	192.0	193.0	212.0	191.0	192.0	2,280	2,355	1,900	483,360	449,805	364,800
FL	89.0	90.0	92.0	81.0	82.0	84.0	2,390	2,880	2,740	193,590	236,160	230,160
GA	595.0	535.0	520.0	592.0	533.0	518.0	2,390	2,690	2,580	1,414,880	1,433,770	1,336,440
NM	20.0	16.5	18.0	20.0	16.5	17.3	2,150	2,300	2,700	43,000	37,950	46,710
NC	144.0	125.0	121.0	144.0	125.0	120.0	2,410	2,940	2,700	347,040	367,500	324,000
OK	100.0	85.0	80.0	98.0	81.0	78.0	2,060	2,410	2,600	201,880	195,210	202,800
SC	11.5	11.0	11.0	11.0	10.5	10.5	2,800	3,100	2,900	30,800	32,550	30,450
TX	275.0	270.0	319.0	270.0	265.0	312.0	2,000	2,600	2,600	540,000	689,000	811,200
VA	90.0	77.0	75.0	89.0	76.0	74.0	2,325	2,885	2,700	206,925	219,260	199,800
US	1,537.5	1,401.5	1,429.0	1,517.0	1,380.0	1,405.8	2,282	2,653	2,523	3,461,475	3,661,205	3,546,360

[1] Preliminary. [2] Estimates comprised of quota and non-quota peanuts.

NASS, Crops Branch, (202) 720–2127.

Table 3-22.—Peanuts: Marketing year average price, and value of production, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per pound			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Cents	*Cents*	*Cents*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	28.8	27.8	27.4	139,208	125,046	99,955
FL	27.1	28.1	23.8	52,463	66,361	54,778
GA	29.5	29.7	27.0	417,390	425,830	360,839
NM	33.6	30.5	30.0	14,448	11,575	14,013
NC	29.8	27.5	26.7	103,418	101,063	86,508
OK	29.8	30.0	29.8	60,160	58,563	60,434
SC	29.8	24.5	28.7	9,178	7,975	8,739
TX	28.7	24.8	23.5	154,980	170,872	190,632
VA	30.0	28.5	25.6	62,078	62,489	51,149
US	29.3	28.1	26.1	1,013,323	1,029,774	927,047

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-23.—Peanuts, farmers' stock: Price-support operations, United States, 1988–97

Marketing year beginning August 1	Price support level per pound		Put under support [3 4]		Owned by CCC at end of marketing year [4]
	Quota [1]	Additional [2]	Quantity	Percentage of production	
	Cents	*Cents*	*Million pounds*	*Percent*	*Million pounds*
1988/89	30.8	7.5	540	13.6	.....
1989/90	30.8	7.5	401	10.0	0
1990/91	31.6	7.5	576	16.0	0
1991/92	32.1	7.5	1,070	21.7	0
1992/93	33.8	6.6	436	10.2	0
1993/94	33.8	6.6	324	9.6	0
1994/95	33.9	6.6	820	19.3	0
1995/96	33.9	6.6	818	24.0	0
1996/97	30.5	6.6	320	8.7	0
1997/98	30.5	6.6	.....	.....	.....

[1] Quota peanuts are those peanuts grown within the farm poundage quota. [2] Additional peanuts are those peanuts grown in excess of the quota. [3] Includes loans made and direct purchases. [4] Includes shelled peanuts converted to farmers' stock basis.

FSA, Tobacco and Peanuts Division, (202) 720–8839.

Table 3-24.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1987–96 [1]

Classification	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Southeastern area:	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Georgia, Alabama, and Florida:										
Shelled:.										
Runner Jumbo	78½	63⅞	60	57¼	102⅜	68¾	63⅞	68⅛	67½	60¾
Runner Medium	74½	60½	56½	55¾	96¼	64¾	60¼	62½	66	59½
Runner U.S. Splits	64⅝	52¼	55⅞	55	111⅝	63¾	59½	62¾	65½	57
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy	58	60¾	46½	45¾	69⅝	47¾	50¾	72¾	57¼	49¾
Shelled Virginias:										
Extra large	81	83¾	63⅜	62⅛	95	68⅛	74¼	77⅛	68½	66½
Medium	79½	65	58⅝	60½	98⅝	64⅝	61¼	75½	67½	60¼
No. 2 with 70% splits	55⅝	46	51⅞	56⅛	91¾	59⅝	59¼	61¾	60½	55½
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1	76⅞	57¾	59⅜	56½	103¼	64⅝	61⅝	62⅞	65½	60¼
Spanish U.S. Splits	65¾	51⅝	56½	55⅛	108⅞	63½	61½	64⅞	66¼	58
New Mexico:										
Handpicked unshelled Valencias [2]	54⅞	n.a.	n.a.	n.a.	n.a.	55½	58	65	61¼	62½

[1] 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. [2] No U.S. grade standards apply to Valencia peanuts. n.a. not available.

AMS, Fruit and Vegetable Division, Market News Branch (912) 228–1208.

Table 3-25.—Peanuts:[1] Area, yield, and production in specified countries and the world, 1994–95/1996–97

Continent and country	Area[2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97[3]	1994/95	1995/96	1996/97[3]	1994/95	1995/96	1996/97[3]
	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*
North America and Caribbean:									
Mexico	62	65	70	1.27	1.26	1.06	79	82	74
United States	655	614	558	2.94	2.56	2.98	1,927	1,570	1,661
Total[4]	722	684	633	2.79	2.43	2.75	2,013	1,659	1,742
South America:									
Argentina	155	239	275	1.54	1.93	1.09	238	462	300
Brazil	90	90	90	1.67	1.67	1.67	150	150	150
Total[4]	318	403	439	1.47	1.71	1.21	467	691	529
Africa:									
Benin	80	80	80	0.88	0.88	0.88	70	70	70
Burkina	230	230	230	0.70	0.70	0.70	160	160	160
Burundi	70	70	70	1.21	1.21	1.21	85	85	85
Cameroon	320	320	320	0.44	0.44	0.44	140	140	140
Central African Republic	130	130	130	1.12	1.12	1.12	145	145	145
Chad	115	115	115	0.70	0.70	0.70	80	80	80
Gambia,The	95	95	95	1.11	1.22	1.21	105	116	115
Ghana	92	90	90	0.76	0.72	0.72	70	65	65
Guinea	130	130	130	0.65	0.65	0.65	85	85	85
Cote d'Ivoire	153	153	153	0.98	0.98	0.98	150	150	150
Mali	100	100	100	0.95	0.95	0.95	95	95	95
Niger	114	115	115	0.56	0.56	0.56	64	64	64
Nigeria	1,571	1,767	1,825	0.92	0.89	0.94	1,453	1,579	1,723
Senegal	930	880	920	0.77	0.94	0.65	720	827	600
South Africa, Republic of	107	135	95	0.98	1.43	1.47	105	193	140
Sudan	550	550	550	0.71	0.73	0.73	390	400	400
Uganda	140	140	140	0.79	0.79	0.79	110	110	110
Zaire	530	530	530	0.72	0.72	0.72	380	380	380
Zimbabwe	164	147	155	0.49	0.54	0.97	80	80	150
Total[4]	6,222	6,379	6,447	0.78	0.81	0.79	4,837	5,159	5,097
Asia:									
Burma	493	462	462	0.90	1.08	1.08	445	500	500
China, Peoples Republic of	3,778	3,809	3,616	2.56	2.68	2.80	9,682	10,200	10,140
India	7,922	7,800	8,200	1.04	0.95	1.00	8,255	7,400	8,200
Indonesia	740	690	660	1.47	1.51	1.52	1,085	1,040	1,000
Pakistan	85	85	85	1.00	1.00	1.00	85	85	85
Taiwan	35	35	35	2.26	2.26	2.26	79	79	79
Thailand	125	130	130	1.32	1.31	1.31	165	170	170
Turkey	25	25	25	2.20	2.20	2.20	55	55	55
Vietnam	248	260	260	1.19	1.28	1.31	294	334	340
Total[4]	13,537	13,378	13,552	1.5	1.49	1.52	20,245	19,952	20,648
World total[4]	20,859	20,916	21,140	1.33	1.32	1.33	27,695	27,610	28,160

[1] 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. [2] Harvested area as far as possible. [3] Preliminary. [4] Regional totals include other countries not shown. World total for all countries in USDA data base.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. 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 3-26.—Soybeans: Area, yield, production, and value, United States, 1988–97

Year	Area planted	Soybeans for beans				
		Area harvested	Yield per acre	Production	Marketing year average price per bushel received by farmers	Value of production
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
1988	58,840	57,373	27.0	1,548,841	7.42	11,487,742
1989	60,820	59,538	32.3	1,923,666	5.69	10,916,145
1990	57,795	56,512	34.1	1,925,947	5.74	11,042,010
1991	59,180	58,011	34.2	1,986,539	5.58	11,091,996
1992	59,180	58,233	37.6	2,190,354	5.56	12,167,564
1993	60,135	57,347	32.6	1,870,958	6.40	11,949,633
1994	61,670	60,859	41.4	2,516,694	5.48	13,756,328
1995	62,575	61,624	35.3	2,176,814	6.72	14,616,758
1996	64,205	63,409	37.6	2,382,364	7.35	17,455,175
1997	70,850	69,884	39.0	2,727,254	6.50	17,704,722

NASS, Crops Branch, (202) 720–2127.

Table 3-27.—Soybeans: Stocks on and off farms, United States, 1988–97

Year	On farms				Off farms [1]			
	Dec. 1	Mar. 1	June 1 [2]	Sep. 1	Dec. 1	Mar. 1	June 1 [2]	Sep. 1
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1988	650,000	415,000	229,200	87,320	716,812	475,246	235,311	94,709
1989	793,400	535,800	255,300	86,000	817,316	519,705	340,614	153,139
1990	754,000	555,500	336,500	118,400	929,963	634,619	387,022	210,642
1991	810,000	505,000	279,000	105,000	962,732	672,343	416,671	173,437
1992	876,100	576,900	319,800	124,970	959,885	638,667	363,613	167,314
1993	697,400	425,700	195,000	59,080	876,220	595,917	360,260	150,037
1994	985,800	635,300	348,800	105,130	1,116,156	734,898	443,072	229,684
1995	861,500	512,000	234,100	59,523	971,929	678,356	388,701	123,935
1996	935,100	514,000	216,000	43,600	889,984	541,912	283,890	87,786
1997 [3]	1,050,000	NA	NA	NA	944,968	NA	NA	NA

[1] Stocks at mills, elevators, warehouses, terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control. [2] Old crop only. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 3-28.—Soybeans: Supply and disappearance, United States, 1987–96

Year beginning September	Supply				
	Stocks by position			Production	Total [1]
	Farm	Terminal market, interior mill, elevator, and warehouse	Total		
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1987	107,950	328,497	436,447	1,922,762	2,359,209
1988	105,050	197,426	302,476	1,548,841	1,854,909
1989	87,320	94,709	182,029	1,923,666	2,108,189
1990	86,000	153,139	239,139	1,925,947	2,168,578
1991	118,400	210,642	329,042	1,986,539	2,319,025
1992	105,000	173,437	278,437	2,190,354	2,470,846
1993	124,970	167,314	292,284	1,870,958	2,169,658
1994	59,080	150,037	209,117	2,516,694	2,731,289
1995	105,130	229,684	334,814	2,176,814	2,511,628
1996 [2]	59,523	123,935	183,458	2,859,029	3,042,487

Year beginning September	Disappearance			
	Crushed [3]	Seed, feed and residual	Exports	Total
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
1987	1,174,482	80,565	801,686	2,056,733
1988	1,057,668	88,711	526,501	1,672,880
1989	1,146,434	99,732	622,886	1,869,050
1990	1,187,287	94,943	557,315	1,839,536
1991	1,253,537	103,106	683,943	2,040,588
1992	1,278,953	130,035	769,573	2,178,562
1993	1,275,648	95,829	589,064	1,960,541
1994	1,405,156	153,193	838,125	2,396,475
1995	1,369,000	112,000	851,000	2,333,000
1996 [2]	1,436,250	126,430	882,101	2,444,050

[1] Includes imports, beginning with 1988. [2] Preliminary. [3] Reported by the U.S. Department of Commerce.
ERS, Field Crops Branch, (202)694–5300.

Table 3-29.—Soybeans, soybean meal, and oil: Average price at specified markets, 1987–96

Year[1]	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, f.o.b. Decatur	Soybean meal per short ton: 48 percent protein Decatur	Year[1]	Soybeans per bushel: No. 1 Yellow Chicago	Soybean oil per pound crude, tanks, f.o.b. Decatur	Soybean meal per short ton: 48 percent protein Decatur
	Dollars	*Cents*	*Dollars*		*Dollars*	*Cents*	*Dollars*
1987	6.57	22.67	239.35	1992	5.89	21.40	193.75
1988	7.35	20.95	252.40	1993	6.52	27.00	192.86
1989	5.79	22.18	186.48	1994	5.65	27.71	162.60
1990	5.73	20.80	181.38	1995	7.08	24.76	223.60
1991	5.69	18.94	189.21	1996	6.94	21.61	250.64

[1] Year beginning September for soybeans and October for oil and meal.
ERS, Field Crops Branch, (202) 694–5300.

Table 3-30.—Soybeans: Area, yield, and production, by States, 1995–97

State	Area planted			Soybeans for beans								
				Area harvested			Yield per harvested acre			Production		
	1995	1996	1997[1]	1995	1996	1997[1]	1995	1996	1997[1]	1995	1996	1997[1]
	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*
AL	240	330	400	225	315	385	24.0	34.0	25.0	5,400	10,710	9,625
AR	3,450	3,550	3,600	3,400	3,500	3,550	26.0	32.0	30.5	88,400	112,000	108,275
DE	235	220	225	233	217	219	20.0	35.0	29.0	4,660	7,595	6,351
FL	30	35	40	28	33	38	26.0	32.0	26.0	728	1,056	988
GA	320	400	430	310	390	410	27.0	26.0	21.0	8,370	10,140	8,610
IL	9,750	9,900	10,000	9,700	9,850	9,950	39.0	40.5	43.0	378,300	398,925	427,850
IN	5,000	5,400	5,450	4,980	5,360	5,400	39.5	38.0	44.0	196,710	203,680	237,600
IA	9,300	9,500	10,500	9,260	9,450	10,400	44.0	44.0	46.5	407,440	415,800	483,600
KS	2,100	2,050	2,450	2,050	2,000	2,400	25.0	37.0	37.0	51,250	74,000	88,800
KY	1,170	1,200	1,300	1,150	1,180	1,280	36.0	38.0	34.5	41,400	44,840	44,160
LA	1,070	1,100	1,400	1,040	1,080	1,350	25.0	33.0	29.0	26,000	35,640	39,150
MD	550	490	540	510	480	525	23.0	37.0	28.0	11,730	17,760	14,700
MI	1,500	1,650	1,900	1,490	1,640	1,890	40.0	28.5	38.5	59,600	46,740	72,765
MN	5,900	5,950	6,800	5,800	5,900	6,700	40.5	38.0	39.0	234,900	224,200	261,300
MS	1,850	1,800	2,100	1,800	1,750	2,070	21.0	31.0	31.0	37,800	54,250	64,170
MO	4,600	4,100	4,900	4,500	4,050	4,850	29.5	37.0	36.5	132,750	149,850	177,025
NE	3,100	3,050	3,500	3,060	3,010	3,450	33.0	45.0	41.0	100,980	135,450	141,450
NJ	140	120	135	138	119	132	22.0	37.0	30.0	3,036	4,403	3,960
NC	1,150	1,250	1,400	1,070	1,200	1,330	25.0	29.0	29.0	26,750	34,800	38,570
ND	660	850	1,200	640	845	1,190	29.0	29.0	29.0	18,560	24,505	34,510
OH	4,050	4,500	4,500	4,030	4,490	4,490	38.0	35.0	44.0	153,140	157,150	197,560
OK	290	300	340	275	285	320	20.0	26.0	30.0	5,500	7,410	9,600
PA	320	290	370	315	285	365	30.0	40.0	39.0	9,450	11,400	14,235
SC	550	560	620	530	540	610	24.0	25.0	22.0	12,720	13,500	13,420
SD	2,550	2,700	3,500	2,500	2,670	3,450	30.0	34.0	35.0	75,000	90,780	120,750
TN	1,130	1,200	1,320	1,080	1,150	1,280	32.0	35.0	34.0	34,560	40,250	43,520
TX	250	290	420	240	270	400	25.0	26.0	28.0	6,000	7,020	11,200
VA	490	500	510	470	480	490	24.0	34.0	23.0	11,280	16,320	11,270
WI	830	920	1,000	800	870	960	43.0	37.0	44.0	34,400	32,190	42,240
US	62,575	64,205	70,850	61,624	63,409	69,884	35.3	37.6	39.0	2,176,814	2,382,364	2,727,254

[1]Preliminary.

NASS, Crops Branch, (202) 720092127.

Table 3-31.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1987–96

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.-Dec.	Jan.-Mar.	Apr.-Jun.	Jul.-Sep.	Total	Stocks Oct. 1	Production	Exports	Stocks Oct. 1	Production	Exports
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*	*Million pounds*	*Million pounds*	*Million pounds*	*1,000 tons*	*1,000 tons*	*1,000 tons*
1987	324,478	314,198	289,844	246,178	1,174,698	1,725	12,974	1,873	240	28,060	6,854
1988	296,196	279,116	252,570	224,028	1,051,910	2,092	11,737	1,661	153	24,943	5,442
1989	304,217	301,797	280,536	278,498	1,165,048	1,715	13,004	1,353	173	27,719	5,319
1990	314,756	297,929	280,071	301,328	1,194,084	1,305	13,408	780	318	28,325	5,469
1991	333,345	319,952	296,757	305,850	1,255,904	1,786	14,345	1,648	285	29,831	6,945
1992	343,196	331,987	312,342	288,639	1,276,164	2,239	13,778	1,419	230	30,364	6,232
1993	342,257	327,307	305,734	307,837	1,283,134	1,555	13,951	1,529	204	30,514	5,356
1994	370,273	371,891	339,189	325,300	1,406,623	1,103	15,613	2,680	150	33,265	6,717
1995	369,123	349,481	325,929	318,490	1,363,023	1,137	15,240	1,992	223	32,527	6,002
1996[1]	398,225	392,509	334,450	315,464	1,440,648	2,015	15,744	2,050	212	34,209	7,100

[1] Preliminary.

ERS, Field Crops Branch, (202) 694–5300. Data from the U.S. Department of Commerce.

Table 3-32.—Soybeans for beans: Marketing year average price and value of production, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per bushel			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	7.10	7.40	6.75	38,340	79,254	64,969
AR	6.85	7.36	6.90	605,540	824,320	747,098
DE	6.95	7.20	7.25	32,387	54,684	46,045
FL	6.50	7.00	7.00	4,732	7,392	6,916
GA	6.71	6.87	6.75	56,163	69,662	58,118
IL	6.88	7.55	6.55	2,602,704	3,011,884	2,802,418
IN	6.73	7.34	6.55	1,323,858	1,495,011	1,556,280
IA	6.65	7.36	6.40	2,709,476	3,060,288	3,095,040
KS	6.69	7.17	6.45	342,863	530,580	572,760
KY	7.01	7.43	6.85	290,214	333,161	302,496
LA	6.63	7.45	6.95	172,380	265,518	272,093
MD	6.95	7.15	7.10	81,524	126,984	104,370
MI	6.52	7.15	6.55	388,592	334,191	476,611
MN	6.59	7.26	6.30	1,547,991	1,627,692	1,646,190
MS	6.76	7.34	6.90	255,528	398,195	442,773
MO	6.84	7.29	6.35	908,010	1,092,407	1,124,109
NE	6.56	7.19	6.40	662,429	973,886	905,280
NJ	6.70	7.05	6.80	20,341	31,041	26,928
NC	6.95	7.07	6.70	185,913	246,036	258,419
ND	6.49	7.05	6.20	120,454	172,760	213,962
OH	6.70	7.42	6.45	1,026,038	1,166,053	1,274,262
OK	6.65	6.85	6.45	36,575	50,759	61,920
PA	6.81	6.65	6.80	64,355	75,810	96,798
SC	6.93	7.40	6.90	88,150	99,900	92,598
SD	6.28	7.08	6.05	471,000	642,722	730,538
TN	6.88	7.25	6.95	237,773	291,813	302,464
TX	6.52	7.00	6.90	39,120	49,140	77,280
VA	6.85	6.80	6.90	77,268	110,976	77,763
WI	6.60	7.24	6.35	227,040	233,056	268,224
US	6.72	7.35	6.50	14,616,758	17,455,175	17,704,722

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-33.—Soybeans: Support operations, United States, 1988–97

Marketing year beginning September 1	Loan rate per bushel [1]	Put under loan [2]		Acquired by CCC under loan program [3]	Owned by CCC at end of marketing year
		Quantity	Percentage of production		
	Dollars	*Million bushels*	*Percent*	*Million bushels*	*Million bushels*
1988/89	4.77	120.1	6.2	0.038	0.3
1989/90	4.53	208.9	10.9	0.012	0.0
1990/91	4.50	241.5	12.5	0.021	0.0
1991/92	5.02	158.8	8.0	1.588	0.0
1992/93	5.02	182.1	8.3	0.008	0.0
1993/94	5.02	87.1	4.7	0.000	0.0
1994/95	4.92	375.0	14.9	0.000	0.5
1995/96	4.92	181.8	8.4	0.000	0.0
1996/97	4.97	195.9	8.2	0.000	0.0
1997/98	5.26	.....	.....	.....	.....

[1] The national average loan rate was also known as the price support rate prior to enactment of the Federal Agriculture Improvement and Reform Act of 1996. [2] Includes loans made, purchase agreements entered into, and direct purchases. Statutory authority for purchases ceased, beginning with the 1991 crop. [3] Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

FSA, Feed Grains & Oilseeds Analysis Group, (202) 720–4417.

Table 3-34.—Soybeans: Area, yield, and production in specified countries and the world, 1994–95/1996–97 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North America:									
Canada	820	824	860	2.75	2.78	2.52	2,251	2,293	2,165
Mexico	288	133	60	1.82	1.43	1.00	523	190	60
United States	24,629	24,938	25,661	2.78	2.38	2.53	68,493	59,243	64,837
Total	25,737	25,895	26,581	2.77	2.38	2.52	71,267	61,726	67,062
South America:									
Argentina	5,700	5,980	6,200	2.19	2.08	1.81	12,500	12,430	11,200
Bolivia	393	445	547	2.06	2.02	1.83	810	900	1,000
Brazil	11,680	10,950	11,800	2.22	2.21	2.25	25,900	24,150	26,500
Colombia	58	28	35	2.07	2.14	2.00	120	60	70
Ecuador	90	75	32	2.16	1.13	1.25	194	85	40
Paraguay	1,100	1,100	1,200	2.00	2.18	2.17	2,200	2,400	2,600
Peru	1	1	1	2.00	2.00	2.00	2	2	2
Uruguay	13	13	13	1.54	1.54	1.54	20	20	20
Venezuela	5	5	5	1.80	2.00	2.00	9	10	10
Total	19,040	18,597	19,833	2.19	2.15	2.09	41,755	40,057	41,442
European Union:									
Austria	47	14	13	2.23	2.21	2.08	105	31	27
France	100	100	85	2.60	2.60	2.82	260	260	240
Germany	2	2	2	2.00	2.50	2.50	4	5	5
Italy	198	172	230	3.29	3.71	3.78	652	638	870
Spain	5	3	5	1.60	1.67	2.20	8	5	11
Total	352	291	335	2.92	3.23	3.44	1,029	939	1,153
Other Western Europe:									
Switzerland	2	2	2	2.50	2.50	2.50	5	5	5
Eastern Europe:									
Bulgaria	9	15	17	1.00	1.00	0.65	9	15	11
Hungary	12	10	12	1.92	2.00	2.33	23	20	28
Romania	64	73	80	1.44	1.48	1.44	92	108	115
Yugoslavia	77	67	91	1.70	2.15	2.08	131	144	189
Total	163	166	201	1.57	1.73	1.71	256	288	344
Africa:									
Egypt	23	26	15	2.91	2.46	2.60	67	64	39
Morocco	3	3	1	1.33	1.33	1.00	4	4	1
Nigeria	593	620	659	0.30	0.31	0.32	178	192	211
South Africa, Republic of	65	68	87	0.89	1.18	1.38	58	80	120
Zambia	32	35	35	1.09	1.00	1.00	35	35	35
Zimbabwe	71	59	60	1.08	1.86	1.58	77	110	95
Total	787	811	857	0.53	0.60	0.58	419	485	501
Asia and the Middle East:									
Burma	53	55	55	0.79	0.80	0.80	42	44	44
China,PeoplesRepublic of	9,222	8,127	7,470	1.73	1.66	1.77	16,000	13,500	13,220
India	4,025	4,817	5,000	0.80	0.93	0.82	3,236	4,476	4,100
Indonesia	1,477	1,280	1,255	1.14	1.19	1.20	1,680	1,517	1,510
Iran	86	87	87	1.53	1.54	1.54	132	134	134
Japan	61	69	70	1.62	1.72	1.71	99	119	120
Korea, Democratic People's	340	340	300	1.18	1.21	1.00	400	413	300
Korea, Republic of	122	105	100	1.26	1.52	1.60	154	160	160
Pakistan	6	6	6	2.33	2.33	2.33	14	14	14
Philippines	7	6	6	1.57	1.50	1.50	11	9	9
Sri Lanka	1	1	1	1.00	1.00	1.00	1	1	1
Syria	7	9	9	1.86	1.67	1.67	13	15	15
Taiwan	4	5	5	2.00	2.00	2.00	8	10	10
Thailand	342	284	285	1.32	1.30	1.26	450	368	360
Turkey	50	45	40	1.80	1.67	1.63	90	75	65
Vietnam	132	121	130	0.95	1.04	1.04	125	126	135
Total	15,935	15,357	14,819	1.41	1.37	1.36	22,455	20,981	20,197
Oceania:									
Australia	17	32	39	2.00	2.28	2.13	34	73	83
World total	62,706	61,712	63,232	2.20	2.02	2.07	137,748	124,959	131,174

[1] 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. [2] Harvested area as far as possible. [3] Preliminary.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. 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 3-35.—Soybeans, soybean oil, and soybean cake and meal: United States exports by country of destination, 1993/94–1995/96 [1]

Continent and country of destination	Soybeans			Soybean oil [2]			Soybean cake and meal		
	1993/94	1994/95	1995/96 [3]	1993/94	1994/95	1995/96 [3]	1993/94	1994/95	1995/96 [3]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North and Central America; incl. Caribbean:									
Canada	68,752	61,266	223,890	24,885	43,912	60,318	814,984	724,790	648,027
Costa Rica	141,549	154,072	142,541	230	214	1,018	0	0	5
Jamaica	35,319	0	0	3,634	10,012	12,839	41,534	53,188	66,426
Mexico	1,867,092	2,401,318	2,608,814	58,624	46,643	81,901	350,141	340,625	81,012
Total [4]	2,237,617	2,721,293	3,074,995	198,932	140,319	223,732	1,723,676	1,716,461	1,395,357
South America:									
Brazil	709,895	0	190,698	327	0	66	23	0	3,174
Columbia	60,612	163,778	135,862	18,561	15,236	6,270	234,741	238,907	215,861
Peru	0	0	0	8,691	35,999	37,726	65,076	37,833	157
Venezuela	239,896	112,580	302,003	2,017	1,877	517	207,748	254,512	310,024
Total [4]	1,020,555	276,478	645,249	45,441	62,971	52,209	538,461	617,550	640,234
Europe:									
Belgium and Luxembourg	741,165	586,307	746,664	0	0	0	108	0	0
Denmark	68,164	68,499	61,920	0	0	0	61,485	102,523	189,729
France	447,856	181,966	378,628	20	0	27	73,470	14,746	15,253
Germany	931,067	1,292,152	1,239,883	6,286	5,752	6,968	51,161	45,949	52,191
Greece	150,089	146,063	153,183	0	0	19	25,246	13,539	28,609
Italy	731,722	438,861	485,977	0	0	0	41,135	94,504	184,433
Netherlands	3,885,196	3,395,161	2,762,290	2,728	4,772	2,584	792,079	437,766	430,817
Norway	203,901	239,479	0	0	0	0	91	3	0
Spain	1,616,368	919,849	1,338,822	0	0	0	122,537	46,265	169,684
United Kingdom	255,073	337,780	336,916	9	41	51	105,853	37,042	100,924
Total [4]	9,596,595	8,098,346	7,891,130	12,662	15,112	14,003	1,514,950	914,822	1,350,619
Former Soviet Union [5]	77,520	29,797	16,506	8,440	13,201	8,027	207,139	232,306	36,061
Africa:									
Egypt	50,699	83,338	75,814	19,002	10	1,899	183,158	46,813	164,861
Morocco	42,269	39,235	58,139	29,053	0	46,682	0	47	48,899
Total [4]	187,414	147,377	166,697	157,611	35,690	89,551	462,889	248,869	508,673
Asia:									
China	0	490,008	1,559,138	550,974	124,757	338,970	327	90,001	566,181
India	52,752	0	0	28,948	20,841	26,675	0	63	0
Israel	440,292	467,173	516,519	1,516	369	37	25,700	104,076	15,418
Japan	3,860,564	3,860,730	3,621,249	7,592	763	1,955	225,280	204,759	258,823
Korea, Rep. of	1,249,059	1,386,607	1,511,322	34,174	8,639	29,041	136	196	4,025
Philippines	116,761	136,625	138,912	39	46	79	533,773	433,255	479,163
Taiwan	2,401,111	2,740,558	2,029,874	2,612	17	67	993	179	180
Total [4]	9,011,993	10,750,235	11,324,122	0	0	0	1,307,053	1,482,664	2,223,716
Oceania:									
Australia	94,901	66,752	68,209	528	0	0	266,058	156,800	132,674
Total [4]	95,020	67,027	68,209	9,108	5,537	350	312,627	225,566	181,726
Grand Total [6 7]	22,810,042	23,165,299	23,999,884	1,215,800	449,876	923,871	6,093,965	5,445,194	6,345,143

[1] For soybeans, year begins September 1; for soybean oil and cake and meal, year begins October 1. [2] Crude and refined oil (includes shipments under P.L. 480). [3] Preliminary. [4] Includes quantities exported to countries not shown. [5] Former Soviet Union; includes all 15 Republics of the USSR. [6] May not add due to rounding. [7] Includes quantities transshipped via Canada to unidentified countries.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–5710. Compiled from reports of the U.S. Department of Commerce.

Table 3-36.—Sunflower: Area, yield, production, and value, United States, 1988–97 [1]

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1988	2,038	1,921	933	1,792,090	12.10	208,887
1989	1,840	1,786	985	1,759,760	10.60	190,452
1990	1,905	1,851	1,229	2,274,405	10.80	245,754
1991	2,746	2,673	1,352	3,613,030	8.69	316,847
1992	2,187	2,043	1,255	2,564,985	9.74	250,748
1993	2,757	2,486	1,035	2,572,063	12.90	326,435
1994	3,567	3,430	1,410	4,836,185	10.70	512,791
1995	3,478	3,368	1,190	4,009,340	11.50	457,575
1996	2,556	2,499	1,435	3,586,615	11.70	417,910
1997	2,949	2,852	1,320	3,763,428	11.30	426,571

[1] Prior to 1988 estimates included MN, ND, and SD. KS was included in 1988. Beginning in 1991 estimates include all States except AK and HI.

NASS, Crops Branch, (202) 720–2127.

Table 3-37.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1988–97 [1]

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1988	1,733	1,630	921	1,501,250	11.10	165,077
1989	1,411	1,373	988	1,356,300	9.72	131,924
1990	1,390	1,343	1,205	1,618,450	10.00	162,468
1991	2,294	2,232	1,357	3,027,750	8.22	251,819
1992	1,899	1,790	1,249	2,236,000	9.31	209,586
1993	2,297	2,074	1,042	2,160,268	12.30	264,585
1994	3,041	2,943	1,435	4,223,655	10.10	426,881
1995	2,911	2,829	1,201	3,398,445	10.90	371,969
1996	1,988	1,955	1,469	2,872,401	10.80	312,324
1997	2,346	2,274	1,352	3,074,456	10.70	329,584

[1] Prior to 1988 estimates included MN, ND, and SD. KS was included in 1988. Beginning in 1991 estimates include all States except AK and HI.

NASS, Corps Branch, (202) 720–2127.

Table 3-38.—Sunflower, non-oil varieties: Area, yield, production, and value, United States, 1988–97 [1]

Year	Area planted	Area harvested	Yield per harvested acre	Production	Price per cwt.	Value of production
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1988	305	291	999	290,840	15.50	43,810
1989	429	413	977	403,460	14.60	58,528
1990	515	508	1,291	655,955	12.70	83,286
1991	452	441	1,327	585,280	11.10	65,028
1992	288	253	1,300	328,985	13.00	41,162
1993	460	412	1,000	411,795	15.20	61,850
1994	526	487	1,258	612,530	13.80	85,910
1995	567	539	1,133	610,895	14.10	85,606
1996	568	544	1,313	714,214	13.80	105,586
1997	603	578	1,192	688,972	14.20	96,987

[1] Prior to 1988 estimates included MN, ND, and SD. KS was included in 1988. Beginning in 1991 estimates include all States except AK and HI.

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Table 3-39.—Sunflower: Area, yield, production, and value, by States, 1996–97

Variety and State	Area planted		Area harvested		Yield per harvested acre	
	1996	1997	1996	1997 [1]	1996	1997 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*
Oil:						
CO	45	50	44	47	1,450	1,200
KS	235	190	230	185	1,370	1,200
MN	100	70	97	67	1,300	1,100
NE	23	25	22	24	1,300	1,150
ND	900	1,150	890	1,100	1,500	1,330
SD	640	800	633	795	1,520	1,470
TX	9	23	8	22	900	1,000
Other States	36	38	31	34	1,111	1,209
US [2]	1,988	2,346	1,955	2,274	1,469	1,352
Non-oil:						
CO	65	35	63	33	1,000	900
KS	50	30	45	28	870	900
MN	50	30	48	27	1,220	1,000
NE	24	30	22	29	900	1,080
ND	280	320	275	310	1,450	1,290
SD	60	75	57	72	1,650	1,390
TX	22	65	20	63	1,250	900
Other States	17	18	14	16	1,136	1,192
US [2]	568	603	544	578	1,313	1,192
Total:						
CO	110	85	107	80	1,185	1,076
KS	285	220	275	213	1,288	1,161
MN	150	100	145	94	1,274	1,071
NE	47	55	44	53	1,100	1,112
ND	1,180	1,470	1,165	1,410	1,488	1,321
SD	700	875	690	867	1,531	1,463
TX	31	88	28	85	1,150	926
Other States	53	56	45	50	1,119	1,204
US [2]	2,556	2,949	2,499	2,852	1,435	1,320

Variety and State	Production		Marketing year average price per cwt.		Value of production	
	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]
	1,000 pounds	*1,000 pounds*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
Oil:						
CO	63,800	56,400	10.80	10.90	6,890	6,148
KS	315,100	222,000	11.20	11.10	35,291	24,642
MN	126,100	73,700	11.10	10.60	13,997	7,812
NE	28,600	27,600	10.40	10.30	2,974	2,843
ND	1,335,000	1,463,000	10.90	10.90	145,515	159,467
SD	962,160	1,168,650	10.60	10.30	101,989	120,371
TX	7,200	22,000	14.00	13.00	1,008	2,860
Other States	34,441	41,106	13.50	13.20	4,660	5,441
US [2]	2,872,401	3,074,456	10.80	10.70	312,324	329,584
Non-oil:						
CO	63,000	29,700	15.80	14.30	9,954	4,247
KS	39,150	25,200	16.40	14.90	6,421	3,755
MN	58,560	27,000	15.00	14.30	8,784	3,861
NE	19,800	31,320	15.80	15.00	3,128	4,698
ND	398,750	399,900	15.30	14.40	61,009	57,586
SD	94,050	100,080	10.50	12.10	9,875	12,110
TX	25,000	56,700	16.00	14.00	4,000	7,938
Other States	15,904	19,072	15.20	14.60	2,415	2,792
US [2]	714,214	688,972	13.80	14.20	105,586	96,987
Total:						
CO	126,800	86,100	13.30	12.10	16,844	10,395
KS	354,250	247,200	12.20	11.90	41,712	28,397
MN	184,660	100,700	13.10	12.40	22,781	11,673
NE	48,400	58,920	13.20	12.80	6,102	7,541
ND	1,733,750	1,862,900	12.10	11.60	206,524	217,053
SD	1,056,210	1,268,730	10.50	10.40	111,864	132,481
TX	32,200	78,700	15.10	13.70	5,008	10,798
Other States	50,345	60,178	14.10	13.70	7,075	8,233
US [2]	3,586,615	3,763,428	11.70	11.30	417,910	426,571

[1] Preliminary. [2] Estimates include all States except AK and HI.

NASS, Crops Branch, (202) 720–2127.

Table 3-40.—Sunflower seeds: Area, yield and production in specified countries, 1994/95–1996/97 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]	1994/95	1995/96	1996/97 [3]
	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*
North America:									
Canada	83	45	36	1.41	1.47	1.56	117	66	56
Mexico	3	6	6	0.67	0.83	0.83	2	5	5
United States	1,388	1,363	1,011	1.58	1.33	1.61	2,194	1,819	1,627
Total	1,474	1,414	1,053	1.57	1.34	1.6	2,313	1,890	1,688
South America:									
Argentina	2,800	3,200	2,900	2.11	1.75	1.79	5,900	5,600	5,200
Brazil	5	5	5	1.20	1.20	1.20	6	6	6
Chile	10	10	10	2.00	2.00	2.00	20	20	20
Colombia	2	2	2	1.50	1.50	1.50	3	3	3
Paraguay	4	4	4	1.00	1.00	1.00	4	4	4
Uruguay	68	68	68	0.81	0.81	0.81	55	55	55
Venezuela	25	25	25	1.08	1.08	1.08	27	27	27
Total	2,914	3,314	3,014	2.06	1.72	1.76	6,015	5,715	5,315
European Union:									
Austria	39	29	19	2.31	2.10	2.32	90	61	44
Germany	1,025	975	915	2.00	1.95	2.19	2,050	1,900	2,000
France	189	52	44	1.65	2.13	2.34	311	111	103
Greece	15	15	15	2.60	2.60	2.60	39	39	39
Italy	215	248	260	2.30	2.00	2.01	495	496	523
Portugal	131	94	107	0.47	0.30	0.44	62	28	47
Spain	1,240	975	990	0.79	0.59	1.15	979	575	1,140
Total	2,854	2,388	2,350	1.41	1.34	1.66	4,026	3,210	3,896
Eastern Europe:									
Bulgaria	485	490	450	1.23	1.33	1.09	595	650	490
Czech Republic	16	19	20	2.38	1.79	1.95	38	34	39
Hungary	412	491	475	1.61	1.49	1.68	665	730	800
Romania	582	715	910	1.32	1.30	1.30	767	933	1,180
Slovakia	34	47	47	1.62	1.72	1.91	55	81	90
Yugoslavia	181	189	224	1.93	1.76	1.87	350	333	419
Total	1,710	1,951	2,126	1.44	1.42	1.42	2,470	2,761	3,018
Frm. USSR (non-Baltics):									
Russian Federation	3,113	4,100	4,000	0.82	1.02	0.70	2,553	4,200	2,800
Ukraine	1,784	2,000	2,114	0.88	1.43	0.99	1,570	2,850	2,100
Total [4]	5,304	6,558	6,587	0.82	1.13	0.79	4,368	7,380	5,212
Africa:									
Egypt	22	29	12	2.18	2.07	3.83	48	60	46
Ethiopia	60	60	60	0.37	0.37	0.37	22	22	22
Kenya	15	15	15	1.33	1.33	1.33	20	20	20
Morocco	30	160	200	0.17	0.34	0.60	5	55	120
Mozambique	35	35	35	0.57	0.57	0.57	20	20	20
South Africa, Republic of:	540	608	464	0.83	1.24	0.97	450	755	450
Tanzania, United Republic of	85	85	85	0.29	0.29	0.29	25	25	25
Zambia	40	40	40	0.63	0.63	0.63	25	25	25
Zimbabwe	140	108	62	0.29	0.47	0.55	40	51	34
Total	972	1,145	978	0.68	0.90	0.78	657	1,035	764
Asia and the Middle East:									
Burma	183	150	150	0.60	0.73	0.73	110	110	110
China,Peoples Republic of	805	813	690	1.70	1.56	1.92	1,370	1,270	1,325
India	1,970	2,170	2,200	0.61	0.65	0.68	1,204	1,400	1,500
Iran	19	20	20	0.74	0.75	0.75	14	15	15
Iraq	14	14	14	0.79	0.79	0.79	11	11	11
Israel	12	9	10	1.17	1.89	1.80	14	17	18
Pakistan	70	68	85	1.51	1.26	1.28	106	86	109
Syria	10	13	10	1.50	1.54	1.50	15	20	15
Turkey	550	625	550	1.09	1.2	1.04	600	750	570
Total	3,633	3,882	3,729	0.95	0.95	0.98	3,444	3,679	3,673
Oceania:									
Australia	135	73	127	0.95	1.19	1.23	128	87	156
World total [4]	18,996	20,725	19,964	1.23	1.24	1.19	23,421	25,757	23,722

[1] 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. [2] Harvested area as far as possible. [3] Preliminary. [4] Regional totals include other countries not shown. World total for all countries in USDA data base.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0888. 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 3-41.—Peppermint oil: Area, yield, production, and value, United States, 1988–97

Year	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	1,000 acres	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1988	80.5	67	5,360	15.90	85,324
1989	100.8	66	6,652	13.10	87,005
1990	101.8	68	6,953	13.90	96,621
1991	113.7	58	6,561	13.30	87,422
1992	111.6	66	7,383	12.80	94,723
1993	98.3	61	6,027	13.30	80,139
1994	108.5	69	7,459	14.60	109,255
1995	135.3	70	9,449	13.80	130,048
1996	131.4	72	9,424	13.60	128,459
1997 [1]	136.3	75	10,256	13.20	135,455

[1] Preliminary.

NASS, Crops Branch (202), 720–2127.

Table 3-42.—Spearmint oil: Area, yield, production, and value, United States, 1988–97

Year	Area harvested	Yield per harvested acre	Production	Price per pound	Value of production
	1,000 acres	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1988	22.6	77	1,745	12.80	22,382
1989	26.4	70	1,846	13.90	25,693
1990	33.7	76	2,565	14.90	38,188
1991	42.4	73	3,108	13.90	43,120
1992	41.1	89	3,640	12.80	46,645
1993	32.5	84	2,722	12.30	33,488
1994	28.4	78	2,213	12.50	27,592
1995	28.8	79	2,274	12.30	27,858
1996	22.7	95	2,150	12.00	25,860
1997 [1]	24.5	98	2,403	12.00	28,770

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-43.—Mint oil: Production and value, by States, 1995–97

State	Production			Price per pound			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Peppermint:									
ID	1,520	1,936	2,160	13.20	12.80	12.80	20,064	24,781	27,648
IN	999	594	966	13.40	14.50	13.60	13,387	8,613	13,138
OR	3,750	3,650	3,504	15.50	15.30	15.30	58,125	55,845	53,611
WA	2,880	3,007	3,347	11.90	11.90	11.10	34,272	35,783	37,152
WI	300	237	279	14.00	14.50	14.00	4,200	3,437	3,906
US	9,449	9,424	10,256	13.80	13.60	13.20	130,048	128,459	135,455
Spearmint:									
ID	136	140	170	13.20	13.10	13.20	1,795	1,834	2,244
IN	180	62	74	13.20	13.40	12.00	2,376	831	888
MI	92	27	51	11.50	12.20	11.00	1,058	329	561
OR	154	139	158	12.70	13.00	13.00	1,956	1,807	2,054
WA	1,464	1,606	1,782	11.80	11.60	11.60	17,275	18,630	20,671
WI	248	176	168	13.70	13.80	14.00	3,398	2,429	2,352
US	2,274	2,150	2,403	12.30	12.00	12.00	27,858	25,860	28,770

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-44.—Olive oil: World production, 1994–96 [1] [2]

Continent and country	1994	1995	1996 [3]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Europe:			
France	2	2	2
Greece	330	260	300
Italy	410	510	385
Portugal	30	43	44
Spain	506	296	900
Total [4]	1,278	1,111	1,631
Middle East:			
Israel	20	20	20
Jordan	15	15	15
Lebanon	8	8	8
Syria	77	80	75
Turkey	160	55	200
Total [4]	280	178	318
Africa:			
Algeria	14	16	16
Morocco	45	40	45
Tunisia	135	80	210
Libya	6	5	5
Total [4]	200	141	276
Argentina	10	10	10
World total [4]	1,773	1,444	2,239

[1] Marketing year begins November 1. [2] Production excludes residue oil. [3] Preliminary. [4] Includes other countries not listed separately.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–5710. 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 3-45.—Margarine, actual weight: Supply and disposition, United States, 1987–96

Year	Supply			Disposition		
	Production	Stocks, Jan. 1	Total supply	Exports	Domestic disappearance	
					Total	Per capita
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Pounds*
1987	2,554	81	2,635	8	2,564	10.6
1988	2,549	63	2,612	8	2,542	10.4
1989	2,531	62	2,593	7	2,525	10.2
1990	2,768	61	2,829	8	2,730	10.9
1991	2,698	92	2,790	9	2,690	10.6
1992	2,817	91	2,908	13	2,821	11.0
1993	2,892	75	2,967	15	2,887	11.2
1994	2,623	66	2,689	21	2,601	10.0
1995	2,490	67	2,557	38	2,461	9.4
1996 [1]	2,480	58	2,538	29	2,465	9.3

[1] Preliminary.

ERS, Field Crops Branch. (202) 694–5300. Totals and per capita estimates computed from unrounded numbers.

Table 3-46.—Margarine: Selected reported fats and oils used in manufacture, United States, 1987–96

Year	Vegetable oils			Animal fats [1]	Total [2]
	Soybean oil	Cottonseed oil	Corn oil		
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1987	1,615	28	248	22	1,931
1988	1,619	NA	210	35	1,895
1989	1,573	NA	214	32	1,875
1990	1,749	NA	208	35	2,102
1991	1,853	25	196	43	2,160
1992	1,926	24	176	37	2,174
1993	2,013	26	161	31	2,239
1994	1,793	NA	NA	42	2,003
1995	1,684	NA	NA	41	1,847
1996	1,694	NA	77	28	1,816

[1] Lard and edible tallow. [2] Includes small quantities of nuts, coconut, palm, and sunflower oil. NA-not available.

ERS, Field Crops Branch, (202) 694–5300. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 3-47.—Shortening: Supply and disposition, United States, 1987–96

Year	Supply			Disposition		
	Factory and warehouse stocks, Jan. 1	Production	Total supply	Exports and shipments	Domestic disappearance	
					Total	Per capita
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Pounds*
1987	137	5,237	5,374	41	5,194	21.4
1988	139	5,328	5,467	52	5,270	21.5
1989	145	5,315	5,460	32	5,309	21.5
1990	119	5,590	5,709	34	5,559	22.2
1991	116	5,724	5,840	43	5,650	22.4
1992	147	5,719	5,866	43	5,722	22.4
1993	101	6,524	6,625	44	6,487	25.1
1994	94	6,334	6,428	46	6,292	24.1
1995	90	5,974	6,064	45	5,913	22.5
1996 [1]	106	5,930	6,036	50	5,905	22.2

[1] Preliminary.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300. Compiled from reports of the Commerce and Agriculture Departments.

Table 3-48.—Shortening: Fats and oils used in manufacture, United States, 1987–96

Year	Vegetable oils				Animal fats		Total primary and secondary fats and oils [1]
	Cottonseed oil	Soybean oil	Coconut oil	Palm oil	Lard	Edible tallow	
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1987	136	3,434	(2)	215	224	890	5,303
1988	170	3,562	109	173	265	840	5,377
1989	192	3,509	92	139	295	752	5,338
1990	252	4,004	(2)	(2)	264	637	5,684
1991	260	4,152	(2)	(2)	274	462	5,767
1992	241	4,140	(2)	(2)	310	427	5,761
1993	266	4,951	(2)	(2)	296	404	6,544
1994	216	4,929	(2)	(2)	287	405	6,365
1995	212	4,673	(2)	(2)	325	374	6,031
1996	237	4,690	(2)	(2)	284	320	5,935

[1] Includes small quantities of corn, peanut, safflower, and sunflower oil. [2] Not included to avoid disclosure.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers.

Table 3-49.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1987–96

Year	Supply				Disposition			Price of inedible tallow No. 1 at Chicago, per pound
	Stocks Jan. 1	Production	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*	*Cents*
1987	316	5,602	5,918	2,491	3,082	571	1,727	14.9
1988	407	6,158	6,565	2,807	3,147	461	1,864	16.6
1989	399	5,848	6,247	2,679	3,194	368	1,919	14.4
1990	374	5,217	6,097	2,267	3,061	402	2,000	13.7
1991	357	5,759	6,116	1,936	2,949	392	1,748	13.3
1992	349	5,768	6,117	2,279	3,050	334	1,954	14.4
1993	309	6,621	6,930	2,117	3,018	300	1,995	14.9
1994	320	6,712	7,032	2,167	3,190	301	2,102	17.4
1995	348	6,745	7,093	2,663	3,223	264	2,166	19.2
1996	373	6,376	6,749	1,993	3,289	245	2,253	20.1

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300.

Table 3-50.—Fats, oils, and oilseeds (fat or oil equivalent): World production, 1993–94/1996–97

Commodity	World production [1]			
	1993–94	1994–95	1995–96	1996–97 [2]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
Edible vegetable oils:				
Cottonseed	3,376	3,727	4,126	3,857
Olive [3]	1,764	1,773	1,444	2,239
Peanut	3,736	4,196	4,184	4,375
Rapeseed	9,030	10,093	11,393	10,535
Soybean	18,294	20,082	19,837	20,423
Sunflower	7,077	8,199	8,917	8,405
Total	43,277	48,070	49,901	49,834
Palm oils:				
Coconut	3,087	3,430	3,093	3,348
Palm	13,764	14,906	16,073	17,284
Palm kernel	1,879	2,000	2,171	2,328
Total	18,730	20,336	21,337	22,960
Industrial oils:				
Linseed	([4])	([4])	([4])	([4])
Total	([4])	([4])	([4])	([4])
Animal fats:				
Butter (fat content)	4,394	4,248	4,258	4,298
Tallow and grease	7,511	7,572	7,723	7,995
Total	11,905	11,820	11,981	12,293
Marine oils:				
Fish	1,515	1,406	1,379	1,158
Total	1,515	1,406	1,379	1,158
Grand total [5]	75,427	81,632	84,598	86,245

[1] 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. [2] Preliminary. [3] Excludes olive residue oil. [4] FAS no longer maintains linseed oil production data. [5] Excludes linseed oil.

FAS, Oilseeds and Products Division, (202) 720–4549. 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 3-51.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1987–96

Year beginning January	Lard	Inedible animal tallow, greases, and oils [1]	Oilseeds				
			Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1987	48,239	1,159,673	25,272	4,282	41,778	216,371	21,592,443
1988	57,622	1,343,732	44,085	4,275	37,317	153,273	18,229,355
1989	50,074	1,307,551	34,554	24,261	50,557	240,334	15,042,853
1990	39,644	1,121,120	44,855	27,878	58,941	262,763	15,351,220
1991	54,705	1,137,383	78,872	17,705	67,706	198,442	17,530,932
1992	61,811	1,362,824	196,408	5,091	63,702	319,677	19,794,760
1993	51,903	1,279,276	126,449	3,421	56,378	216,254	19,423,490
1994	62,141	1,344,832	188,321	3,387	33,401	169,364	18,071,789
1995	56,260	1,620,878	147,600	2,317	44,529	285,851	22,766,738
1996 [2]	45,690	1,192,094	83,024	2,839	29,592	208,521	25,565,576

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cottonseed oil [3]	Linseed oil	Margarine	Peanut oil	Soybean oil [3]	Soybean	Other [4]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1987	1,788	34,772	109,881	3,118	3,517	2,999	629,966	5,920,974	176,301
1988	1,093	30,572	171,045	4,529	3,742	3,345	875,491	6,282,414	192,364
1989	2,026	20,432	209,316	6,767	3,230	6,810	70,447	4,728,411	130,056
1990	4,049	18,218	145,949	3,027	3,142	7,257	536,460	4,820,163	268,308
1991	2,426	21,132	97,034	4,470	4,220	23,403	442,245	5,534,376	652,877
1992	2,821	9,449	123,293	3,942	5,928	64,697	764,845	6,236,001	781,272
1993	4,340	6,363	83,075	3,799	6,978	23,984	691,343	5,533,646	810,046
1994	2,223	8,495	135,650	5,407	9,350	27,028	822,841	4,809,801	562,613
1995	2,972	9,090	137,693	15,451	17,020	47,741	1,037,405	5,889,055	515,185
1996 [2]	2,862	3,987	99,998	14,892	13,058	37,300	571,209	5,859,899	195,250

[1] Includes edible and inedible tallow, choice white grease, wool grease, yellow grease, edible and inedible oleo and oleo stearine, and animal oils, fats and oils, n.e.c. [2] Preliminary. [3] Includes shipments under PL480. [4] Includes corn meal.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–5710. Compiled from reports of the U.S. Department of Commerce.

Table 3-52.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1987–96

Year beginning January	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled [1]	Poppy seed
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1987	0	536	60,113	308	663	3,776
1988	0	933	109,418	356	577	3,693
1989	42	486	171,664	116	834	4,160
1990	28	816	203,008	0	1,140	3,355
1991	1	291	126,565	48	9,948	4,989
1992	20	88	153,094	8	1,565	4,882
1993	417	396	110,655	0	651	5,162
1994	5	1,515	143,079	2,633	1,296	5,618
1995	0	1,387	186,153	1,628	32,901	6,122
1996 [2]	2	1,023	202,313	2,986	38,051	6,243

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*
1987	503	36,518	10,930	79,774	42,528	506,387	159
1988	6,851	33,146	59,828	78,286	30,365	444,799	169
1989	77,752	40,514	89,713	64,353	37,874	391,903	4
1990	102,241	42,879	63,583	92,165	31,032	452,224	7
1991	1,075	36,460	121,476	93,169	34,524	390,997	95
1992	1,543	34,993	69,519	99,512	34,017	501,466	351
1993	162,093	36,924	97,360	83,399	42,215	443,496	160
1994	409,500	40,516	179,270	54,547	44,093	441,330	426
1995	200,054	39,356	130,141	57,158	41,417	491,151	1,744
1996 [2]	261,348	46,563	86,981	68,762	39,938	423,189	2,699

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*
1987	63,736	187,899	182,955	4,700	87,317	5,895	259,742
1988	80,417	152,002	208,526	10,857	162,427	6,406	273,708
1989	80,833	112,201	151,282	391	194,557	6,474	333,036
1990	97,273	131,161	154,327	3,368	213,956	4,045	313,220
1991	98,709	113,527	145,715	1,697	307,127	5,645	505,996
1992	114,271	102,211	167,512	495	381,456	4,996	605,734
1993	121,233	129,371	119,073	200	395,310	4,270	692,255
1994	126,024	160,175	141,372	5,281	425,466	5,401	783,438
1995	122,270	101,621	121,949	3,165	430,648	4,427	831,047
1996 [2]	112,778	125,383	148,719	1,639	522,183	3,943	999,513

[1] Includes blanched or roasted peanuts. [2] Preliminary.

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–5710. Compiled from reports of the U.S. Department of Commerce.

Table 3-53.—Animal tallow, greases, and oils[1]: United States exports by region and country of destination 1994–96

Continent and country	1994	1995	1996[2]
	Metric tons	*Metric tons*	*Metric tons*
North and Central America:			
Canada	50,406	61,456	69,591
Mexico	258,198	262,646	260,189
Haiti	7,303	19,167	10,955
Dominican Republic	30,842	39,092	31,561
Guatemala	42,200	31,683	30,115
El Salvador	37,989	46,699	37,686
Other countries	45,864	49,657	61,933
Total	472,802	510,399	502,029
Colombia	51,915	55,996	56,549
Venezuela	60,463	96,425	57,776
Ecuador	6,682	4,587	4,238
Brazil	34,229	22,487	5,416
Other countries	10,276	9,838	9,191
Total	163,564	189,332	133,169
European Community:			
Italy	56,898	54,697	39,234
Netherlands	112,293	124,120	47,643
Portugal	2,899	0	4,216
Spain	109,607	97,194	64,472
Other countries	37,031	36,514	35,901
Total	318,728	312,525	191,466
Other Europe:			
Romania	1,035	39	1,006
Switzerland	15	0	31
Yugoslavia	0	0	0
Other countries	5	38	12
Total	5	38	12
Former Soviet Union	73	20	2,671
North Africa and Middle East:			
Morocco	14,846	15,271	19,020
Algeria	52,259	61,276	20,464
Egypt	34,084	45,400	22,981
Israel	78,861	128,341	129,757
Other countries	11,299	8,661	3,765
Total	191,349	258,948	195,986
Other Africa:			
Senegal	4,542	6,446	5,689
Nigeria	20,285	23,068	28,085
Uganda	15,107	0	0
Other countries	11,095	30,672	2,611
Total	51,029	60,187	36,385
Asia:			
Pakistan	16	4,449	0
Taiwan	22,902	36,560	7,455
Japan	38,240	48,292	42,898
Korea	69,403	105,774	61,670
Other countries	14,253	95,658	14,099
Total	144,814	290,734	126,121
Oceania	147	64	101
Grand total[3]	1,342,511	1,622,247	1,187,940

[1] Includes inedible and editable tallow and choice white grease; yellow grease; inedible oleo, and oleo stearin; and animal fats, oils, and greases, n.e.c. [2] Preliminary. [3] May not add due to rounding.

Commodity aggregations on tables provided do not correspond to any currently used by FAS. Numbers have therefore been revised to reflect the existing aggregation for inedible tallow.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8031. Bureau of the Census, U.S. Department of Commerce.

Table 3-54.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1990–96

[1982=100]

Year	All fats and oils excluding butter	Seventeen major fats and oils								
		All fats and oils	Classified by origin		Classified by use					
			Animal	Vegetable	Edible			Industrial		
				Domestic origin	Butter	Lard	All edible	Soap fats	Drying oils	All industrial
1990	75.7	57.8	54.9	125.2	NA	104.1	62.9	88.1	113.1	88.4
1991	69.3	53.9	53.6	112.9	NA	104.6	58.0	87.5	99.6	86.5
1992	67.9	51.3	50.8	131.1	NA	102.5	53.8	95.0	89.3	91.9
1993	74.5	54.4	50.2	147.3	NA	116.8	57.1	97.9	94.3	94.9
1994	88.9	61.5	53.0	179.3	NA	128.1	65.7	112.9	93.1	107.4
1995	91.9	115.5	59.6	174.4	NA	151.1	66.1	242.8	92.9	124.0
1996	87.8	655.3	68.1	159.3	NA	162.5	67.1	1,346.9	10.8	129.0

NA-not available.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300.

Table 3-55.—Fats and Oils: Use in products for civilian consumption, total and per capita, United States, 1987–96

Calendar year	Food products[1]													
	Butter (actual weight)		Lard and tallow (direct use)[2]		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 lbs	*Lbs*	*Million lbs*	*Lbs*	*Million lbs*	*Lbs*	*Million lbs*	*Lbs*	*Million lbs*	*Lbs*	*Million lbs*	*Lbs*	*Million lbs*	*Lbs*
1987	1,132	4.7	661	2.7	2,550	10.5	5,194	21.4	6,222	25.6	316	1.3	15,338	63.2
1988	1,102	4.5	630	2.6	2,527	10.3	5,270	21.5	6,448	26.3	318	1.3	15,570	63.5
1989	1,077	4.4	515	2.1	2,512	10.2	5,309	21.5	6,040	24.4	313	1.3	15,049	60.8
1990	1,095	4.4	609	2.4	2,714	10.9	5,559	22.2	6,195	24.8	291	1.2	15,695	62.8
1991	1,100	4.4	794	3.1	2,671	10.6	5,650	22.4	6,743	26.7	321	1.3	16,525	65.4
1992	1,114	4.4	1,036	4.1	2,802	11.0	5,722	22.4	6,946	27.2	367	1.4	17,203	67.4
1993	1,209	4.7	1,007	3.9	2,868	11.1	6,487	25.1	6,927	26.8	451	1.8	18,134	70.2
1994	1,255	4.8	1,230	4.7	2,584	9.9	6,292	24.1	6,826	26.2	426	1.6	17,846	68.5
1995	1,186	4.5	1,301	4.9	2,419	9.2	5,913	22.5	7,045	26.8	434	1.6	17,577	66.8
1996[3] ...	1,140	4.3	1,390	5.2	2,426	9.1	5,905	22.3	6,908	26.0	361	1.4	17,417	65.6

Calendar year	Industrial products											
	Soap		Fatty acids		Animal feeds		Other industrial products		All industrial products[4]		All products[5]	
	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*
1987	918	3.8	2,195	9.0	1,874	7.7	597	2.5	6,154	25.4	21,448	88.1
1988	807	3.3	2,181	8.9	2,002	8.2	501	2.0	5,979	24.4	21,448	88.1
1989	749	3.0	2,057	8.3	2,083	8.4	444	1.8	5,848	23.7	20,977	84.9
1990	799	3.2	1,981	7.9	2,203	8.8	296	1.2	5,741	23.0	21,312	86.1
1991	833	3.3	2,235	8.8	1,974	7.8	286	1.1	5,719	22.6	21,813	86.3
1992	739	2.9	2,041	8.0	2,177	8.5	549	2.1	5,904	23.1	22,687	88.8
1993	749	2.9	1,898	7.3	2,200	8.5	589	2.3	5,846	22.6	23,529	91.1
1994	687	3.0	1,959	8.8	2,340	8.7	654	2.9	6,103	25.2	20,392	91.5
1995	594	2.8	1,964	8.6	2,341	8.8	747	2.5	6,101	23.0	29,201	113.1
1996[3] ...	469	1.8	1921	7.2	2430	9.1	782	2.9	6018	15.7	27,344	103.0

[1] Domestic disappearance data are computed by ERS. [2] Includes edible tallow direct use beginning in 1979. [3] Preliminary. [4] Including paint, varnish, resin, plastic, and lubricants. [5] Including only fat content of butter and margarine.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300.

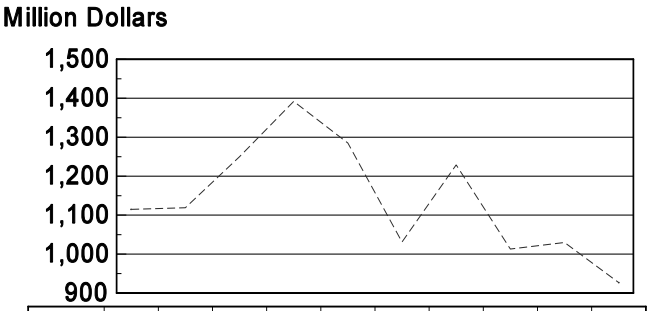
Table 3-56.—Fats and oils: Wholesale price per pound, 1992–97[1]

Item and market	1992	1993	1994	1995	1996	1997
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Castor oil, No. 1, Brazilian, tanks, imported, New York	35.2	37.2	44.1	45.0	41.70	41.50
Coconut oil, crude, tanks, f.o.b. New York	31.2	25.5	30.4	36.0	42.62	39.40
Corn oil, crude, tank cars, f.o.b. Decatur	24.0	21.8	27.3	26.6	26.50	24.85
Cottonseed oil, crude, tank cars, f.o.b. Valley	21.4	26.0	27.1	26.8	25.90	26.51
Linseed oil, raw, tank cars, Minneapolis	30.7	31.7	32.5	35.0	37.10	36.25
Palm oil, U.S. ports, refined	21.7	21.2	28.1	33.0	26.60	27.25
Rapeseed oil, refined (denatured), tanks, New York	76.0	56.0	53.8	52.0	58.10	88.00
Safflower oil, tanks, New York	60.0	70.0	59.0	59.0	59.00	59.00
Soybean oil, crude, tank cars, f.o.b. Decatur	19.3	22.7	27.9	26.8	23.80	23.27
Sunflower oil, crude, Minneapolis	22,9	26.8	31.1	28.9	24.66	23.45
Tallow, inedible, number delivered Chicago	14.4	14.9	17.4	19.2	20.10	20.75
Tung oil, imported, drums, f.o.b. New York	106.8	118.5	76.1	59.0	63.30	101.50

[1] All prices are calendar year basis. [2] Preliminary. [3] Series dicontinued.

ERS, Market and Trade Economics Division, Field Crops Branch, (202) 694–5300. Compiled from the Chemical Marketing Reporter, the National Provisioner, the Wall Street Journal, and the U.S. Department of Labor.

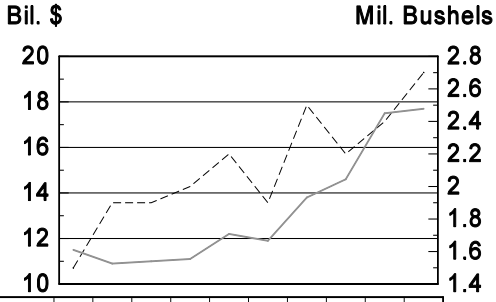
Peanuts Value of Production, 1988-97



Year	88	89	90	91	92	93	94	95	96	97
Value	1,115	1,119	1,250	1,392	1,285	1,031	1,229	1,013	1,030	927

NASS Table 3-15

Soybeans Production & Value of Production 1988-97



Year	88	89	90	91	92	93	94	95	96	97
Production	1.5	1.9	1.9	2.0	2.2	1.9	2.5	2.2	2.4	2.7
Value of Production	11.5	10.9	11.0	11.1	12.2	11.9	13.8	14.6	17.5	17.7

NASS Table 3-26

CHAPTER IV

STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweet potatoes, and commercial vegetables and melons.

For potatoes and sweet potatoes, 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 9 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. The processed segment of production for asparagus, broccoli, carrots, and cauliflower, combined with fresh market production during the year, is published at the end of the season, separately. In 1982, processing estimates for asparagus, beets, cabbage for kraut, cucumbers for pickles, lima beans, and spinach were discontinued. Asparagus and cucumbers for pickles were reinstated in 1984. Artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, leaf lettuce, romaine lettuce, bell peppers, spinach, and watermelon estimates of fresh market use on an annual basis were reinstated in 1992. Estimates of processing usage were also reinstated with the 1992 crop year for lima beans, beets, cabbage for sauerkraut, and spinach.

Seasonal Groups and Marketing Period

Prospective Area For Harvest

Winter: January, February, March	Summer: July, August, September
Spring: April, May, June	Fall: October, November, December

Annual Acreage, Yield, Production, and Value

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 period, the crop estimate has been placed in the seasonal group where the largest portion is harvested.

Commercial vegetables for fresh market include 25 principal vegetable and melon crops in the major producing States. These estimates relate to crops which are grown primarily for sale, and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the 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.

Aggregate data for the years 1985–91 lack comparability with data from other years because of program changes altering the crops included.

Table 4-1.—Vegetables, commercial: Area, production, and value of principal crops, United States, 1988–97

Year	Area [1]		
	For fresh market [2]	For processing [3]	Total
	Acres	*Acres*	*Acres*
1988	1,130,750	1,341,540	2,472,290
1989	1,149,490	1,474,970	2,624,460
1990	1,126,990	1,544,500	2,671,490
1991	1,073,330	1,570,430	2,643,760
1992 [6]	1,876,870	1,446,320	3,323,190
1993	1,814,500	1,400,790	3,215,290
1994	1,839,270	1,589,350	3,428,620
1995	1,835,510	1,581,500	3,417,010
1996	1,845,730	1,481,800	3,327,530
1997 [7]	1,845,760	1,421,860	3,267,620

Year	Production [4]		
	For fresh market [2]	For processing [3]	Total
	Tons	*Tons*	*Tons*
1988	12,012,450	11,383,320	23,395,770
1989	12,720,900	14,450,860	27,171,760
1990	12,701,950	15,444,970	28,146,920
1991	12,136,650	16,151,030	28,287,680
1992 [6]	19,662,450	14,236,320	33,898,770
1993	18,884,900	14,904,750	33,789,650
1994	19,833,550	18,313,150	38,146,700
1995	19,584,950	17,544,780	37,129,730
1996	20,441,150	17,526,190	37,967,340
1997 [7]	21,408,550	16,204,740	37,613,290

Year	Value [5]		
	For fresh market [2]	For processing [3]	Total
	1,000 dollars	*1,000 dollars*	*1,000 dollars*
1988	3,851,518	898,845	4,750,363
1989	4,183,920	1,256,954	5,440,874
1990	3,699,527	1,331,463	5,030,990
1991	3,905,828	1,357,413	5,263,241
1992 [6]	6,427,577	1,126,435	7,554,012
1993	6,904,889	1,193,740	8,098,629
1994	6,570,459	1,472,185	8,042,644
1995	7,589,016	1,463,622	9,052,638
1996	6,830,574	1,467,419	8,297,993
1997 [7]	7,896,709	1,370,598	9,267,307

[1] 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. [2] Area, production, and farm value of the following 25 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. [3] Area, production, and farm value of the following 10 crops in all States: Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates. [4] Production for fresh market excludes some quantities not marketed because of low prices or other economic factors. [5] Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processing vegetables, value at processing plant door. [6] Beginning with the 1992 crop year, acreage, yield, production, price, and value estimates were reinstated for the following crops—fresh market: Artichokes, lima beans, snap beans, Brussels sprouts, cabbage, cantaloups, cucumbers, eggplant, escarole/endive, garlic, leaf lettuce, romaine lettuce, bell peppers, spinach, and watermelons; processing: lima beans, beets, cabbage for sauerkraut, and spinach. [7] Preliminary.

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Table 4-2.—Vegetables, commercial: Area of principal crops, by States, 1995–97 [1]

State	For fresh market [2]			For processing [4]			Total		
	1995	1996	1997 [3]	1995	1996	1997 [3]	1995	1996	1997 [3]
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
AL	14,000	16,500	13,400	...	...	...	...	...	...
AZ	96,200	118,600	118,300	...	...	...	...	118,600	118,300
AR	3,400	3,600	3,600	7,900	6,500	7,000	11,300	10,100	10,600
CA	751,100	772,400	806,600	358,290	352,380	297,480	1,109,390	1,124,780	1,104,080
CO	35,600	34,600	33,700	1,100	1,120	720	36,700	35,720	34,420
CT	4,500	4,500	4,400	...	...	...	4,500	4,500	4,400
DE	1,600	1,800	1,700	32,200	30,760	38,560	33,800	32,560	40,260
FL	204,000	193,450	184,980	6,900	...	...	210,900	...	...
GA	119,700	117,900	119,100	3,600	4,700	5,000	123,300	122,600	124,100
HI	2,560	2,240	2,420	...	...	...	2,560	2,240	2,420
ID	8,700	8,600	8,200	...	...	...	...	...	...
IL	8,340	9,100	8,900	62,700	53,090	38,770	71,040	62,190	47,670
IN	18,190	18,990	18,680	13,500	9,470	...	31,690	28,460	...
IA	...	...	...	6,800	9,310	2,020	6,800	9,310	2,020
LA	3,800	3,560	3,260	...	...	...	...	...	...
ME	2,200	2,400	2,200	...	...	...	...	...	...
MD	13,320	12,550	12,050	22,300	23,400	20,410	35,620	35,950	32,460
MA	7,080	7,450	7,500	...	...	...	...	...	...
MI	58,200	55,400	56,850	59,500	58,500	54,900	117,700	113,900	111,750
MN	1,890	2,060	1,210	210,260	206,020	211,000	212,150	208,080	212,210
MS	6,500	6,400	5,800	...	...	...	6,500	6,400	5,800
MO	5,400	5,600	4,700	9,600	6,800	9,700	15,000	12,400	14,400
NV	1,900	1,900	1,700	...	...	...	1,900	1,900	1,700
NH	2,500	2,500	2,300	...	...	...	2,500	2,500	2,300
NJ	33,000	32,400	31,800	11,700	11,600	7,100	44,700	44,000	38,900
NM	11,000	9,000	8,400	...	...	...	11,000	9,000	8,400
NY	62,750	56,600	60,100	86,410	84,200	87,580	149,160	140,800	147,680
NC	40,500	43,800	46,000	...	...	...	...	...	...
OH	25,510	25,410	24,760	16,880	15,640	13,400	42,390	41,050	38,160
OK	9,000	11,000	9,000	9,800	8,000	8,100	18,800	19,000	17,100
OR	29,020	22,220	22,450	112,100	97,980	97,780	141,120	120,200	120,230
PA	24,700	24,400	22,800	...	...	17,650	...	...	40,450
RI	900	1,000	1,100	...	...	...	900	1,000	1,100
SC	16,700	17,100	15,900	...	...	...	...	...	...
TN	11,900	11,800	11,200	6,300	6,700	4,400	18,200	18,500	15,600
TX	118,100	111,700	91,000	34,300	33,400	25,400	152,400	145,100	116,400
UT	2,200	2,100	2,400	...	...	...	2,200	2,100	2,400
VT	1,200	1,200	1,100	...	...	...	1,200	1,200	1,100
VA	21,650	18,600	19,200	2,860	4,080	1,850	24,510	22,680	21,050
WA	42,600	42,000	42,800	158,200	134,550	158,980	200,800	176,550	201,780
WI	14,100	13,300	14,200	280,410	253,010	245,810	294,510	266,310	260,010
Other States [5]	...	...	...	67,890	70,590	68,250	281,770	387,850	368,370
US	1,835,510	1,845,730	1,845,760	1,581,500	1,481,800	1,421,860	3,417,010	3,327,530	3,267,620

[1] Area for fresh market and for processing is area harvested. [2] Area of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. [3] Preliminary. [4] Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. [5] Processing, 1995—AL, AZ, ID, LA, ME, MA, NC, ND, PA, and SC, 1996—AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC, and 1997—AL, FL, ID, IN, LA, ME, MA, NC, and SC.

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Table 4-3.—Vegetables, commercial: Production of principal crops, by States, 1995–97

State	For fresh market [1]			For processing [3]			Total		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
AL	48,950	76,700	60,900	...	...	...	...	...	...
AZ	1,457,800	1,495,750	1,653,600	...	...	...	...	1,495,750	1,653,600
AR	25,000	20,800	30,300	19,400	26,250	28,200	44,400	47,050	58,500
CA	9,016,900	9,784,350	10,421,250	10,883,170	10,964,460	9,583,810	19,900,070	20,748,810	20,005,060
CO	518,650	473,400	534,000	9,250	11,100	6,080	527,900	484,500	540,080
CT	13,500	14,650	13,200	...	...	...	13,500	14,650	13,200
DE	28,000	31,500	32,300	85,960	95,760	139,610	113,960	127,260	171,910
FL	2,080,750	2,105,850	2,197,600	34,760	...	...	2,115,510	...	...
GA	1,078,900	1,016,600	1,129,950	13,650	20,600	27,900	1,092,550	1,037,200	1,157,850
HI	23,350	21,750	22,850	...	...	...	23,350	21,750	22,850
ID	274,050	279,500	282,900	...	...	...	...	...	...
IL	38,750	50,000	50,950	219,090	236,460	160,920	257,840	286,460	211,870
IN	143,500	168,200	157,400	184,190	192,930	...	327,690	361,130	...
IA	...	...	...	35,060	58,780	5,040	35,060	58,780	5,040
LA	28,100	32,500	26,150	...	...	...	...	...	...
ME	6,050	7,200	6,050	...	...	...	...	...	...
MD	55,050	63,450	77,800	106,450	132,500	99,530	161,500	195,950	177,330
MA	24,700	27,900	27,650	...	...	...	...	...	...
MI	414,950	406,800	410,000	409,600	420,240	379,500	824,550	827,040	789,500
MN	11,050	12,400	16,450	827,420	886,550	974,330	838,470	898,950	990,780
MS	24,400	28,800	17,400	...	...	...	24,400	28,800	17,400
MO	66,150	70,000	56,400	29,490	26,160	36,410	95,640	96,160	92,810
NV	43,700	55,100	45,900	...	...	...	43,700	55,100	45,900
NH	8,150	9,400	6,900	...	...	...	8,150	9,400	6,900
NJ	205,900	236,750	228,250	72,880	80,490	58,040	278,780	317,240	286,290
NM	233,250	186,100	180,400	...	...	...	233,250	186,100	180,400
NY	661,450	508,700	678,800	452,580	432,710	510,420	1,114,030	941,410	1,189,220
NC	192,900	259,150	314,650	...	...	...	...	...	...
OH	151,850	177,200	157,550	342,560	383,620	326,070	494,410	560,820	483,620
OK	44,100	51,700	45,000	33,000	32,000	32,400	77,100	83,700	77,400
OR	570,250	522,050	582,300	743,910	677,720	610,720	1,314,160	1,199,770	1,193,020
PA	93,300	110,000	97,700	...	...	82,150	...	...	179,850
RI	3,150	3,750	3,850	...	...	...	3,150	3,750	3,850
SC	123,400	123,250	110,650	...	...	...	...	...	...
TN	56,150	54,600	54,400	13,120	23,230	16,060	69,270	77,830	70,460
TX	1,068,950	1,208,100	851,900	205,640	182,470	227,980	1,274,590	1,390,570	1,079,880
UT	48,400	49,350	58,200	...	...	...	48,400	49,350	58,200
VT	3,000	3,900	4,150	...	...	...	3,000	3,900	4,150
VA	155,500	119,750	141,300	15,540	18,890	7,990	171,040	138,640	149,290
WA	442,200	454,050	486,750	1,202,910	983,000	1,118,290	1,645,110	1,437,050	1,605,040
WI	100,800	120,150	134,800	1,270,520	1,237,590	1,251,920	1,371,320	1,357,740	1,386,720
Other States [5]	...	...	...	334,630	402,680	521,370	2,583,880	3,424,730	3,705,320
US	19,584,950	20,441,150	21,408,550	17,544,780	17,526,190	16,204,740	37,129,730	37,967,340	37,613,290

[1] Production of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. [2] Preliminary. [3] Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. [4] Processing, 1995—AL, AZ, ID, LA, ME, MA, NC, ND, PA, and SC, 1996—AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC, and 1997—AL, FL, ID, IN, LA, ME, MA, NC, and SC.

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Table 4-4.—Vegetables, commercial: Value of principal crops, by States, 1995–97

State	For fresh market [1]			For processing [3]			Total		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	13,762	15,795	18,038	...	...	...	...	...	...
AZ	664,213	481,427	521,963	...	...	...	...	481,427	521,963
AR	12,840	6,656	9,729	4,236	6,770	6,394	17,076	13,426	16,123
CA	3,975,619	3,554,741	4,217,124	712,869	704,296	598,666	4,688,488	4,259,037	4,815,790
CO	101,051	89,425	106,086	1,158	1,509	1,094	102,209	90,934	107,180
CT	7,560	7,911	6,336	...	...	...	7,560	7,911	6,336
DE	4,704	3,276	3,359	14,273	15,388	19,276	18,977	18,664	22,635
FL	932,947	1,013,570	1,195,880	13,982	...	...	946,929	...	...
GA	309,076	241,387	299,886	3,181	5,799	8,229	312,257	247,186	308,115
HI	12,958	11,705	13,791	...	...	...	12,958	11,705	13,791
ID	32,644	46,757	42,412	...	...	...	...	...	...
IL	10,457	13,571	13,242	32,477	35,470	25,507	42,934	49,041	38,749
IN	30,571	37,951	39,786	17,561	17,280	...	48,132	55,231	...
IA	...	...	...	2,643	5,273	880	2,643	5,273	880
LA	10,824	7,658	9,258	...	...	...	...	...	...
ME	3,509	4,320	3,993	...	...	...	...	...	...
MD	26,570	29,607	27,840	11,963	14,585	12,002	38,533	44,192	39,842
MA	16,458	19,500	17,402	...	...	...	...	...	...
MI	140,815	124,320	126,286	45,167	48,839	45,762	185,982	173,159	172,048
MN	3,333	3,320	3,124	87,224	101,875	106,257	90,557	105,195	109,381
MS	3,758	2,678	2,123	...	...	...	3,758	2,678	2,123
MO	8,004	4,424	5,505	6,110	4,779	7,616	14,114	9,203	13,121
NV	11,362	15,979	13,311	...	...	...	11,362	15,979	13,311
NH	5,379	6,016	4,968	...	...	...	5,379	6,016	4,968
NJ	102,807	115,767	113,798	8,463	9,111	6,381	111,270	124,878	120,179
NM	61,319	50,398	56,755	...	...	...	61,319	50,398	56,755
NY	169,566	106,524	160,326	45,296	44,479	43,304	214,862	151,003	203,630
NC	42,949	65,047	82,166	...	...	...	...	...	...
OH	60,796	67,447	73,189	32,589	37,809	32,946	93,385	105,256	106,135
OK	6,174	6,101	5,850	3,948	3,828	3,875	10,122	9,929	9,725
OR	103,621	90,516	100,497	86,099	78,073	74,364	189,720	168,589	174,861
PA	32,093	40,781	45,214	...	...	12,181	...	...	57,395
RI	1,701	1,950	2,079	...	...	...	1,701	1,950	2,079
SC	57,390	45,700	37,890	...	...	...	...	...	...
TN	26,076	28,049	29,216	2,575	3,963	2,454	28,651	32,012	31,670
TX	362,944	257,884	247,927	26,304	27,229	30,916	389,248	285,113	278,843
UT	5,517	6,240	8,097	...	...	...	5,517	6,240	8,097
VT	1,500	2,184	2,158	...	...	...	1,500	2,184	2,158
VA	71,607	43,448	64,072	2,255	2,862	935	73,862	46,310	65,007
WA	127,173	140,314	144,888	127,536	93,722	107,744	254,709	234,036	252,632
WI	17,369	20,230	21,145	126,980	132,211	134,242	144,349	152,441	155,387
Other States [4]	...	...	...	48,733	72,269	89,573	922,575	1,331,397	1,536,198
US	7,589,016	6,830,574	7,896,709	1,463,622	1,467,419	1,370,598	9,052,638	8,297,993	9,267,307

[1] Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, lima beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, garlic, honeydew melons, head lettuce, leaf lettuce, romaine lettuce, onions, green peppers, spinach, tomatoes, and watermelons. [2] Preliminary. [3] Includes Lima beans, snap beans, beets, cabbage (sauerkraut), carrots, sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed (dual purpose) included in fresh market series of estimates. [4] Processing, 1995—AL, AZ, ID, LA, ME, MA, NC, ND, PA, and SC, 1996—AL, FL, ID, LA, ME, MA, NC, ND, PA, and SC, and 1997—AL, FL, ID, IN, LA, ME, MA, NC, and SC.

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Table 4-5.—Asparagus, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1988–97

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value [1]		Production	Value [1]		Production	Value [2]	
				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*
1988	100,910	24	2,422	62.80	152,108	1,481	70.50	104,387	47,030	1,010.00	47,721
1989	98,510	25	2,495	60.00	149,622	1,492	68.20	101,760	50,140	955.00	47,862
1990	94,600	26	2,436	60.60	147,635	1,424	68.60	97,674	50,600	987.00	49,961
1991	89,300	25	2,246	66.80	149,978	1,370	78.90	108,113	43,820	955.00	41,865
1992	86,120	27	2,351	73.50	172,808	1,376	92.00	126,607	48,720	948.00	46,201
1993	81,150	27	2,203	76.10	167,645	1,252	95.70	119,773	47,540	1,010.00	47,872
1994	76,750	29	2,197	80.90	177,641	1,311	100.00	131,173	44,300	1,050.00	46,468
1995	72,340	28	2,024	87.50	177,170	1,100	113.00	124,171	46,180	1,150.00	52,999
1996	73,560	27	1,989	78.70	156,623	1,114	92.90	103,480	43,780	1,210.00	53,143
1997 [3] ...	73,540	27	1,979	91.60	181,224	1,201	111.00	133,653	38,920	1,220.00	47,571

[1] Price and value on F.O.B. basis. [2] Price and value at processing plant door. [3] Preliminary.

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Table 4-6.—Asparagus, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1995–97

State	Area harvested [1]			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	28,000	29,000	30,100	784	754	813	117.00	85.80	115.00
IL	720	300	200	7	3	2	73.10	120.00	141.00
MI	17,000	17,500	17,500	306	298	263	65.70	67.50	67.70
NJ	900	900	1,000	25	36	23	112.00	107.00	107.00
WA	23,000	23,000	23,000	851	828	828	68.90	76.50	77.50
Other States [3]	2,720	2,860	1,740	51	70	50	66.00	61.40	68.00
US	72,340	73,560	73,540	2,024	1,989	1,979	87.50	78.70	91.60

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
MI	36	33	39	71.00	79.00	80.00	13,500	13,260	11,200	1,300.00	1,320.00	1,310.00
NJ	25	36	23	112.00	107.00	107.00	.....	.....	.....	.....	.....	.....
WA	231	268	308	109.00	114.00	108.00	31,000	28,000	26,000	1,080.00	1,170.00	1,190.00
Other States [4]	808	777	831	116.00	85.50	114.00	1,680	2,520	1,720	1,170.00	1,140.00	1,140.00
US	1,100	1,114	1,201	113.00	92.90	111.00	46,180	43,780	38,920	1,150.00	1,210.00	1,220.00

[1] Asparagus for fresh market and for processing is frequently harvested from the same area; therefore it is not practical to make individual area estimates for these segments. [2] Preliminary. [3] IN, MD, MN, and OR. [4] CA, IL, IN, MD, MN, and OR.

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Table 4-7.—Lima beans for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
GA	5,500	4,700	5,000	165	136	150	32.00	31.00	33.00

[1] Preliminary.
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Table 4-8.—Lima beans for processing: Area, production, and value per ton, by States, 1995–97 [1]

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
US	51,800	49,200	51,730	70,850	72,710	76,280	446.00	455.00	459.00

[1] 1995–97 - CA, DE, IL, MD, MN, NJ, OR, TN, WA, and WI. [2] Preliminary.
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Table 4-9.—Snap beans for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	7,000	6,500	6,300	700	585	630	50.20	47.80	52.30
FL	31,300	25,700	28,700	1,690	1,362	1,234	37.40	52.10	49.90
GA	15,000	12,000	10,000	600	444	440	28.00	32.00	30.00
MD	2,400	2,100	1,800	108	84	59	36.50	27.00	30.00
MI	1,700	1,500	1,600	77	60	72	27.10	38.20	29.80
NJ	3,700	3,600	3,300	167	144	116	35.00	32.80	33.60
NY	4,100	3,900	4,900	226	156	304	38.50	49.30	54.80
NC	6,600	6,200	6,500	218	186	293	29.00	30.00	25.00
OH	1,700	1,600	1,600	87	80	86	37.00	28.50	31.00
SC	1,700	1,800	2,000	43	40	48	42.60	45.00	36.00
TN	8,000	8,400	8,000	304	361	320	29.20	29.10	26.50
VA	5,400	5,100	5,200	216	204	182	26.80	20.50	18.40
Total	88,600	78,400	79,900	4,436	3,706	3,784	36.50	41.70	41.20
HI	100	160	160	5	5	6	100.00	100.00	105.00
US	88,700	78,560	80,060	4,441	3,711	3,790	36.50	41.80	41.30

[1] Preliminary.
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Table 4-10.—Beans, snap (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1988–97

Year	Area harvested	Yield per acre	Production	Value [1]	
				Per ton	Total
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1988	217,650	2.70	588,280	168.00	98,630
1989	249,000	3.49	869,700	174.00	151,358
1990	243,130	3.24	787,470	183.00	144,249
1991	231,550	3.32	767,820	176.00	135,269
1992	192,390	3.36	645,900	173.00	112,031
1993	193,530	3.37	652,030	178.00	116,302
1994	218,900	3.68	805,790	166.00	133,857
1995	213,040	3.26	695,450	174.00	120,992
1996	204,050	3.79	773,560	179.00	138,103
1997 [2] ...	195,480	3.75	733,000	177.00	129,753

[1] Price and value at processing plant door. [2] Preliminary.

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Table 4-11.—Beans, snap (for processing), commercial crop: Area, production, and value per ton, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
FL	1,000	.....	.....	2,900	.....	.....	240.00	.....	.....
IL	16,500	18,900	11,500	39,600	73,710	42,550	219.00	203.00	210.00
IN	4,100	670	4,000	12,590	1,550	8,960	170.00	147.00	152.00
MI	21,500	21,000	22,800	61,490	69,300	78,660	162.00	164.00	171.00
NY	21,400	20,200	22,800	76,830	70,700	77,520	165.00	186.00	148.00
OR	23,600	22,500	23,300	139,950	134,100	148,190	187.00	186.00	183.00
PA	8,200	6,400	11,500	18,450	19,300	29,900	220.00	235.00	220.00
WI	67,900	62,300	59,800	217,960	231,760	194,950	144.00	148.00	157.00
Other States [2]	48,840	52,080	39,780	125,680	173,140	152,270	201.00	200.00	199.00
Total	213,040	204,050	195,480	695,450	773,560	733,000	174.00	179.00	177.00

[1] Preliminary. [2] 1995—AZ, AR, CA, DE, GA, MD, MN, MO, NJ, NC, OH, OK, SC, TN, TX, VA, and WA. 1996-97—AR, CA, DE, FL, GA, MD, MN, MO, NJ, NC, OH, OK, TN, TX, VA, and WA

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Table 4-12.—Beets for canning: Area, production, and value per ton, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
NY	3,900	4,200	2,700	42,900	41,580	40,500	59.40	75.20	64.70
WI	4,500	4,400	3,300	61,790	51,480	50,060	57.60	52.70	71.80
Other States [2]	2,150	1,610	1,460	45,310	32,810	31,620	59.70	68.60	60.80
US	10,550	10,210	7,460	150,000	125,870	122,180	58.80	64.30	66.60

[1] Preliminary. [2] CA, MN, and OR.

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Table 4-13.—Broccoli, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1988–97 [1]

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value [2]		Production	Value [2]		Production	Value [3]	
				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*
1988	114,400	112	12,793	22.80	292,264	10,023	24.00	240,455	138,480	374.00	51,809
1989	116,800	116	13,513	20.40	276,050	10,744	21.00	225,472	138,450	365.00	50,578
1990	110,800	111	12,345	21.70	268,220	9,893	22.30	220,437	122,600	390.00	47,783
1991	101,000	111	11,190	21.60	242,155	9,368	22.00	206,501	91,100	391.00	35,654
1992	111,400	112	12,447	22.90	284,423	10,602	23.50	248,819	92,290	386.00	35,604
1993	107,200	101	10,799	25.70	277,663	9,425	26.60	251,153	68,710	386.00	26,510
1994	120,600	117	14,094	26.50	374,049	12,532	27.50	344,137	78,110	383.00	29,912
1995	129,400	122	15,815	28.00	443,304	13,843	29.30	405,286	98,590	386.00	38,018
1996	131,500	118	15,453	26.50	409,167	14,188	27.10	384,666	63,250	387.00	24,501
1997 [4]	134,200	129	17,315	28.60	495,515	16,163	29.10	471,144	57,590	423.00	24,371

[1] Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. [2] Price and value on f.o.b. basis. [3] Price and value at processing plant door. [4] Preliminary.

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Table 4-14.—Broccoli, commercial crop: Area, production, and value per hundredweight, and per ton, by States, 1995–97 [1]

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	8,600	10,000	9,900	946	960	1,238	38.30	25.70	35.20
CA	115,000	120,000	123,000	14,375	14,400	15,990	27.40	26.50	28.10
OR	2,600	.....	.....	260	.....	.....	20.00	.....	.....
TX	3,200	1,500	1,300	234	93	87	32.50	24.40	33.20
US	129,400	131,500	134,200	15,815	15,453	17,315	28.00	26.50	28.60

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
AZ	946	960	1,238	38.30	25.70	35.20	.....	.....	.....	.....	.....	.....
CA	12,735	.....	.....	30.60	.....	.....	82,000	.....	.....	382.00	.....	.....
Other States [3]	162	13,228	14,925	37.70	27.20	28.60	16,590	63,250	57,590	403.00	387.00	423.00
US	13,843	14,188	16,163	29.30	27.10	29.10	98,590	63,250	57,590	386.00	387.00	423.00

[1] Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli.
[2] Preliminary.
[3] 1995—OR and TX. 1996–97—CA and TX.

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Table 4-15.—Cabbage for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1 2]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	10,000	10,000	11,500	3,700	3,500	4,083	15.50	12.60	15.00
CO	1,900	2,200	2,100	570	858	819	6.20	8.50	7.20
FL	7,900	8,900	8,200	2,015	2,626	3,034	9.00	11.20	14.50
GA	9,500	9,000	10,900	2,945	3,195	3,815	12.00	10.60	8.00
IL	720	1,200	1,200	209	252	312	6.66	8.67	9.00
MD	560	580	480	101	128	50	20.00	24.00	14.00
MI	1,700	1,700	1,900	374	527	494	12.00	9.00	7.80
NJ	2,200	2,300	2,300	363	759	644	11.80	15.30	12.40
NY	13,400	12,000	13,600	5,628	4,800	6,528	8.90	8.08	7.68
NC	5,100	7,000	8,500	969	1,260	1,700	8.50	9.00	8.50
OH	1,900	1,900	1,900	447	627	608	10.50	12.00	11.00
PA	2,000	2,000	2,000	440	320	460	11.50	10.50	13.00
TX	9,700	10,900	8,500	3,638	4,033	2,890	15.00	10.00	11.70
VA	1,400	1,300	1,300	462	377	436	9.20	9.00	8.00
WI	5,000	4,800	4,800	1,000	1,128	1,392	7.35	4.78	6.90
Total	72,980	75,780	79,180	22,861	24,390	27,265	11.40	10.10	10.40
HI	700	640	650	133	141	130	21.50	18.00	21.00
US	73,680	76,420	79,830	22,994	24,531	27,395	11.50	10.20	10.40

[1] Preliminary. [2] Includes some quantities of fall storage in NY harvested but not sold because of shrinkage and loss: 1995, 338,000 cwt; 1996, 520,000 cwt; and 1997, 599,000 cwt.
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Table 4-16.—Cabbage for kraut: Area, production, and value per ton, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
NY	3,000	3,000	2,300	51,000	46,500	69,230	39.80	40.20	46.30
WI	3,200	3,100	2,100	82,880	63,020	80,140	41.90	41.90	43.10
Other States [2]	1,420	1,190	1,090	39,990	32,400	34,300	51.20	46.90	47.80
US	7,620	7,290	5,490	173,870	141,920	183,670	43.40	42.50	45.20

[1] Preliminary. [2] 1995—IL, MI, OH, OR, and WA. 1996–97—MI, OH, OR, and WA.
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Table 4-17.—Cantaloups for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	16,000	17,700	20,500	3,040	4,071	5,228	20.10	20.80	19.20
CA	59,300	59,000	65,500	11,860	12,980	14,410	17.30	17.90	17.60
CO	1,800	1,700	1,500	216	340	330	12.30	10.80	15.00
GA	5,500	6,500	9,000	715	1,170	1,260	14.00	11.90	11.70
IN	3,400	3,400	3,700	544	595	481	12.20	14.60	16.00
MD	1,800	1,800	1,700	162	216	187	27.00	31.00	21.00
MI	850	600	750	128	54	113	16.30	17.00	19.80
OH	470	460	420	101	58	69	12.50	14.80	17.00
PA	1,300	1,000	1,000	156	115	120	17.50	16.50	16.50
TX	12,400	12,000	9,700	2,356	2,520	1,358	23.20	18.70	20.00
US	102,820	104,160	113,770	19,278	22,119	23,556	18.20	18.10	17.70

[1] Preliminary.

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Table 4-18.—Carrots for fresh market, commercial crop: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	1,900	2,400	2,400	523	624	636	17.60	12.70	13.30
CA	55,000	66,000	70,900	15,950	19,800	25,524	16.60	13.60	13.30
CO	3,600	4,100	4,900	1,710	1,435	2,450	13.50	7.10	10.00
FL	5,800	5,600	6,500	812	840	1,203	20.90	14.90	13.60
MI	5,700	5,000	5,300	1,938	1,300	1,325	16.80	11.80	12.50
MN	400	540	400	84	124	160	16.60	12.50	8.60
NY	750	600	600	240	132	168	14.00	15.00	16.00
TX	5,000	4,900	3,500	750	907	578	19.80	15.30	17.30
WA	1,900	2,000	2,100	760	900	903	16.80	15.00	14.00
Other States [2]	1,070	1,020	860	711	698	652	21.70	13.90	14.00
US	81,120	92,160	97,460	23,478	26,760	33,599	16.80	13.30	13.10

[1] Preliminary. [2] 1995–97— NJ, OH, and OR.

NASS, Crops Branch, (202) 720–2127.

Table 4-19.—Carrots for processing, commercial crop: Area, production, and value per ton, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per tons*	*Dollars per tons*	*Dollars per tons*
CA	5,500	4,300	2,700	127,110	144,010	86,510	72.80	60.40	65.50
MI	1,600	1,600	1,500	33,600	36,800	37,500	59.70	65.10	62.40
MN	1,100	860	1,000	16,290	14,850	20,430	74.00	106.00	81.00
NY	830	1,100	1,500	16,600	15,400	25,500	54.30	60.70	61.30
OR	780	600	350	18,120	16,280	8,980	56.30	52.80	56.60
TX	5,100	4,900	4,200	51,000	46,550	84,000	67.70	108.00	78.00
WA	7,300	6,500	6,400	219,000	182,000	192,000	99.00	62.00	64.00
WI [2]	4,300	3,100	3,100	79,120	71,520	69,130	67.10	67.50	72.80
Other States [3]	1,390	1,860	1,450	24,710	39,170	27,400	65.30	63.70	67.20
US	27,900	24,820	22,200	585,550	566,580	551,450	79.30	67.20	67.90

[1] Preliminary. [2] Mostly processing. [3] 1995—NJ, ND, and OH. 1996—IA, NJ, ND, and OH. 1997—NJ and OH.

NASS, Crops Branch, (202) 720–2127.

Table 4-20.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1988–97 [1]

Year	Total crop					For fresh market			For processing		
	Area for harvest	Yield per acre	Production	Value [2]		Production	Value [2]		Production	Value [3]	
				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*
1988	62,300	126	7,824	25.70	201,100	6,465	28.20	182,109	67,940	280.00	18,991
1989	67,200	116	7,805	26.10	203,863	6,622	28.10	186,292	59,130	297.00	17,571
1990	65,000	119	7,764	24.20	187,991	6,540	25.10	164,255	61,180	388.00	23,736
1991	55,100	125	6,903	26.80	184,756	6,157	27.10	166,743	37,300	483.00	18,013
1992	55,300	125	6,904	28.10	193,937	6,072	29.00	175,934	41,600	433.00	18,003
1993	55,600	121	6,719	30.00	201,381	5,846	31.20	182,150	43,660	441.00	19,231
1994	53,800	131	7,039	28.20	198,351	6,194	28.80	178,790	42,290	470.00	19,882
1995	51,050	128	6,528	33.20	216,548	5,697	34.70	197,790	41,550	451.00	18,758
1996	46,700	142	6,644	32.20	213,983	6,091	33.00	200,809	27,640	477.00	13,174
1997 [4]	47,400	137	6,483	30.50	197,956	5,912	31.20	184,304	28,550	478.00	13,652

[1] Includes heading (cauliflower) broccoli. [2] Price and value on f.o.b. basis. [3] Price and value at processing plant door. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-21.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1995–97 [1]

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	4,500	4,400	3,900	788	770	780	36.70	33.00	33.20
CA	40,700	40,000	41,200	5,088	5,600	5,356	33.60	33.20	30.20
MI	650	600	600	78	78	84	33.60	30.30	25.90
NY	1,200	1,000	1,000	186	140	200	25.80	33.30	34.80
OR	3,200	.....	.....	320	.....	.....	24.30	.....	.....
TX	800	700	700	68	56	63	20.30	25.10	22.70
US	51,050	46,700	47,400	6,528	6,644	6,483	33.20	32.20	30.50

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
AZ	788	770	780	36.70	33.00	33.20	.....	.....	.....	.....	.....	.....
Other States [3]	4,909	5,321	5,132	34.40	33.00	30.90	41,550	27,640	28,550	451.00	477.00	478.00
US	5,697	6,091	5,912	34.70	33.00	31.20	41,550	27,640	28,550	451.00	477.00	478.00

[1] Includes heading (cauliflower) broccoli. [2] Preliminary. [3] 1995–97—CA, MI, NY, OR, and TX.

NASS, Crops Branch, (202) 720–2127.

Table 4-22.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1995–97 [1]

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	24,500	23,600	23,900	17,150	16,992	16,491	16.60	10.70	15.10
MI	2,500	2,300	2,100	1,050	1,196	1,029	13.60	11.10	16.60
OH	50	50	30	30	23	11	13.30	12.20	24.00
TX	1,000	1,000	900	600	650	531	13.80	7.30	12.70
US	28,050	26,950	26,930	18,830	18,861	18,062	16.30	10.60	15.10

[1] Mostly for fresh market use, but includes some quantities used for processing. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-23.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1988–97 [1]

Year	Area for harvest	Yield per acre	Production	Value [2]		Year	Area for harvest	Yield per acre	Production	Value [2]	
				Per cwt.	Total					Per cwt.	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*		*Acres*	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1988	33,980	572	19,423	11.90	230,762	1993	28,720	612	17,575	14.80	260,546
1989	35,330	574	20,276	13.20	268,266	1994	28,500	608	17,328	12.50	216,378
1990	37,660	526	19,816	10.80	214,708	1995	28,050	671	18,830	16.30	306,828
1991	33,010	578	19,089	10.80	205,689	1996	26,950	700	18,861	10.00	199,398
1992	35,580	592	21,052	12.30	258,662	1997 [3]	26,930	671	18,062	15.10	273,445

[1] Mostly for fresh market use, but includes quantities used for processing. [2] Price and value on f.o.b. basis.
[3] Preliminary.

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Table 4-24.—Corn, sweet, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1988–97

Year	For fresh market					For processing				
	Area for harvest	Yield per acre	Production	Value [1]		Area for harvest	Yield per acre	Production	Value [2]	
				Per cwt.	Total				Per ton	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*	*Acres*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1988	181,700	80	14,574	14.80	216,114	446,200	5.42	2,420,400	60.80	147,058
1989	182,200	91	16,543	16.90	279,260	464,450	6.35	2,949,340	66.90	197,267
1990	193,400	90	17,455	15.00	261,258	490,080	6.37	3,120,610	69.60	217,040
1991	183,200	85	15,527	17.00	264,185	545,860	6.22	3,396,080	71.00	241,112
1992	221,200	84	18,473	14.60	270,576	486,370	6.69	3,251,570	64.50	209,583
1993	209,600	90	18,834	17.80	335,213	472,060	5.76	2,721,190	72.40	197,112
1994	225,700	98	22,007	17.20	378,970	516,100	7.23	3,731,040	68.60	256,087
1995	218,700	98	21,399	18.20	389,288	483,910	6.87	3,324,150	75.60	251,156
1996	221,100	103	22,717	16.90	384,445	474,200	6.95	3,296,330	78.50	258,840
1997 [3]	222,800	101	22,587	17.60	398,279	464,220	7.16	3,323,540	74.60	247,839

[1] Price and value on f.o.b. basis. [2] Price and value at processing plant door. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-25.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1995–97

Utilization and State	Area harvest			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
FOR FRESH MARKET	*Acres*	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AL	3,000	3,600	3,700	120	216	185	15.70	13.30	17.00
CA	22,300	24,100	27,000	3,345	3,736	3,915	18.70	17.60	16.80
CO	4,500	5,400	5,800	675	891	957	8.60	9.20	8.70
CT	4,500	4,500	4,400	270	293	264	28.00	27.00	24.00
FL	37,400	43,200	41,300	4,862	5,616	5,782	22.30	17.90	21.10
GA	20,000	18,000	19,000	2,800	2,160	2,470	12.50	11.10	10.70
IL	6,900	7,600	7,500	559	745	705	15.30	14.80	14.60
IN	6,700	6,500	6,300	442	462	460	18.60	20.20	21.70
ME	2,200	2,400	2,200	121	144	121	29.00	30.00	33.00
MA	6,600	7,000	7,100	429	490	497	27.00	28.00	26.00
MI	11,500	10,500	11,500	920	893	978	15.70	17.00	17.80
NH	2,500	2,500	2,300	163	188	138	33.00	32.00	36.00
NJ	8,500	9,000	8,600	680	720	473	16.60	21.90	20.10
NY	24,000	20,900	21,200	2,040	1,568	1,548	18.90	14.80	14.90
NC	5,700	6,000	6,500	314	630	715	14.70	13.50	13.50
OH	15,000	14,700	14,200	1,185	1,205	1,051	18.50	17.10	17.40
OR	2,100	1,800	1,300	294	270	195	16.80	13.00	14.00
PA	17,200	17,000	16,000	808	1,105	880	19.50	20.50	28.30
RI	900	1,000	1,100	63	75	77	27.00	26.00	27.00
TX	3,400	2,800	2,700	170	112	135	16.00	10.00	14.80
VT	1,200	1,200	1,100	60	78	83	25.00	28.00	26.00
VA	2,500	2,000	2,100	75	84	59	17.70	16.80	17.80
WA	2,900	2,600	2,400	435	390	336	12.00	15.00	11.10
WI	7,200	6,800	7,500	569	646	563	12.00	13.70	13.40
US	218,700	221,100	222,800	21,399	22,717	22,587	18.20	16.90	17.60
FOR PROCESSING	*Acres*	*Acres*	*Acres*	*Tons* [2]	*Tons* [2]	*Tons* [2]	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
ID	14,000	17,500	14,300	123,900	161,350	135,850	75.00	76.00	78.50
IL	26,300	22,200	15,000	134,130	137,640	88,500	95.00	104.00	97.90
MI	4,100	3,700	.....	24,600	24,980	.....	70.00	82.00	.....
MN	116,400	120,100	127,200	671,630	719,400	814,080	72.00	78.00	73.00
NY	38,500	40,900	39,300	223,300	224,950	251,520	73.60	72.30	60.10
OR	48,900	48,300	41,000	452,330	438,080	353,000	78.20	84.10	83.80
PA	2,900	2,700	2,700	14,790	17,010	19,200	52.50	60.00	83.80
WA	82,700	75,300	87,700	823,690	680,710	778,780	77.70	76.00	74.70
WI	123,800	115,900	109,400	690,800	701,200	717,660	72.60	78.60	73.90
Other States [3]	26,310	27,600	27,620	164,980	191,010	164,950	74.60	68.70	70.10
US	483,910	474,200	464,220	3,324,150	3,296,330	3,323,540	75.60	78.50	74.60
Grand total	702,610	695,300	687,020	4,394,100	4,432,180	4,452,890	146.00	145.00	145.00

[1] Preliminary. [2] Tonnage in husk. [3] Processing, 1995—CA, DE, IA, MD, NJ, OH, and VA. 1996—DE, IA, MD, NJ, and TN. 1997—DE, IN, IA, MD, NJ, and TN.

NASS, Crops Branch, (202) 720–2127.

Table 4-26.—Cucumbers for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	5,200	6,000	5,700	1,638	1,980	1,796	25.90	28.20	23.50
FL	12,700	9,400	9,200	3,048	2,820	2,852	12.40	19.30	18.70
GA	12,000	12,500	13,000	1,920	1,563	2,210	15.00	13.60	12.20
MD	1,700	1,700	1,600	126	68	72	21.50	25.00	21.00
MI	5,700	5,500	5,600	855	1,100	1,120	18.00	15.20	14.10
NJ	2,300	2,200	2,200	437	330	297	17.80	15.90	16.80
NY	3,400	4,100	3,300	442	410	660	15.10	17.30	21.40
NC	5,900	5,500	6,000	431	550	720	12.50	13.00	10.00
SC	2,200	2,000	1,700	231	240	187	24.20	23.00	25.00
TX	2,100	1,600	1,700	231	112	289	10.90	13.50	14.50
VA	6,200	5,200	5,600	682	624	700	13.90	12.50	11.50
Total	59,400	55,700	55,600	10,041	9,797	10,903	16.40	18.80	16.80
HI	380	400	450	38	48	54	47.00	43.00	40.00
US	59,780	56,100	56,050	10,079	9,845	10,957	16.50	18.90	16.90

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-27.—Cucumbers (for pickles), commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1988–97

Year	For processing					Pickle stocks on hand Oct. 1 [2]
	Area harvested	Yield per acre	Production	Value [1]		
				Per ton	Total	
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*	*Tons*
1988	118,870	5.48	651,580	200.00	130,194	461,110
1989	124,170	5.18	642,690	204.00	131,082	458,880
1990	115,490	5.66	653,480	209.00	136,313	492,180
1991	104,240	5.98	623,030	210.00	130,847	461,630
1992	102,510	5.44	558,070	211.00	117,585	421,380
1993	109,150	5.38	586,980	215.00	126,255	451,560
1994	116,040	5.44	631,340	220.00	138,600	478,250
1995	116,890	5.22	610,460	222.00	135,803	372,600
1996	104,500	5.37	560,670	249.00	139,330	392,970
1997 [3]	103,570	5.98	619,090	236.00	146,043	282,190

[1] Price and value at processing plant door. [2] Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1 includes stocks of fresh-pack pickles. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-28.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
CA	5,200	6,200	4,200	42,120	43,400	30,200	383.00	370.00	296.00
CO	920	900	720	7,410	7,200	6,080	129.00	150.00	180.00
FL	5,900	6,300	6,100	31,860	56,700	79,300	417.00	432.00	418.00
IN	2,700	2,400	2,000	14,150	10,900	9,940	154.00	157.00	171.00
MI	26,000	26,000	25,000	143,000	137,800	130,000	149.00	156.00	152.00
NC	18,500	13,200	18,000	72,150	60,060	72,000	230.00	230.00	225.00
OH	2,900	3,200	2,900	30,860	37,020	35,550	308.00	312.00	345.00
SC	6,000	4,500	3,800	18,000	14,400	11,400	208.00	205.00	230.00
TX	12,600	11,200	10,100	56,700	28,000	65,650	222.00	383.00	218.00
WI	5,700	4,600	3,500	42,410	24,100	27,650	194.00	224.00	115.00
Other States [2]	30,470	26,000	27,250	151,800	141,090	151,320	206.00	213.00	217.00
US	116,890	104,500	103,570	610,460	560,670	619,090	222.00	249.00	236.00

[1] Preliminary. [2] 1995—AL, AR, DE, GA, IL, KY, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA. 1996—AL, AR, DE, GA, IL, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA. 1997—AL, AR, DE, GA, IL, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA.

NASS, Crops Branch, (202) 720–2127.

Table 4-29.—Eggplant for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	2,500	1,700	1,700	513	493	544	27.30	28.00	26.00
NJ	800	800	900	120	184	194	18.50	23.60	17.60
US	3,300	2,500	2,600	633	677	738	25.60	26.80	23.80

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-30.—Escarole/Endive for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	2,000	1,900	1,600	320	304	280	29.50	19.00	24.60
NJ	800	900	900	108	171	162	24.00	24.10	22.30
OH	650	760	600	104	137	114	25.10	25.40	23.00
US	3,450	3,560	3,100	532	612	556	27.50	21.90	23.60

[1] Preliminary.

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Table 4-31.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1988–97

Year	Area for harvest	Yield per acre	Production	Value [1]	
				Per cwt.	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1988	31,200	168	5,241	14.40	75,341
1989	29,900	172	5,131	12.10	62,334
1990	26,400	171	4,503	18.00	81,218
1991	25,900	144	3,737	18.40	68,895
1992	26,200	181	4,740	13.50	63,811
1993	23,300	163	3,792	18.20	68,888
1994	24,700	168	4,147	16.40	68,184
1995	26,000	167	4,332	20.60	89,193
1996	27,300	174	4,737	17.00	80,405
1997 [2]	29,400	197	5,795	18.90	109,394

[1] Price and value on f.o.b. basis. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-32.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	3,600	3,800	4,200	576	646	735	24.10	17.20	18.50
CA	18,100	20,300	23,200	2,896	3,451	4,640	18.70	16.50	18.60
TX	4,300	3,200	2,000	860	640	420	24.60	19.30	22.60
US	26,000	27,300	29,400	4,332	4,737	5,795	20.60	17.00	18.90

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-33.—Head lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ:									
Western	41,700	57,000	51,800	17,097	16,245	16,835	20.70	13.10	11.60
Other	2,400	2,400	2,100	564	468	357	29.00	13.60	18.00
CA	144,000	135,500	141,000	42,480	47,425	49,350	25.00	15.40	19.20
CO	3,300	2,700	2,000	858	594	660	7.65	7.00	14.60
NJ	1,500	1,300	1,300	360	364	364	24.30	22.60	27.10
NM	1,900	1,900	2,000	570	456	600	14.90	12.40	22.40
NY	900	800	700	135	80	196	15.50	13.00	15.00
WA	1,300	1,000	900	273	220	180	16.80	10.00	15.10
Total	197,000	202,600	201,800	62,337	65,852	68,542	23.50	14.70	17.30
HI [2]	160	.....	.....	12	.....	.....	50.00	.....	.....
US	197,160	202,600	201,800	62,349	65,852	68,542	23.50	14.70	17.30

[1] Preliminary. [2] Estimate discontinued.

NASS, Crops Branch, (202) 720–2127.

Table 4-34.—Head lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1988–97

Year	Area for harvest	Yield per acre	Production	Value [1]	
				Per cwt.	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1988	239,760	294	70,505	14.70	1,036,872
1989	243,260	309	75,231	12.60	950,278
1990	231,300	316	73,201	11.50	844,142
1991	222,140	319	70,778	11.40	810,186
1992	215,120	329	70,810	12.50	882,240
1993	207,810	326	67,811	16.00	1,086,716
1994	212,950	317	67,418	13.30	895,928
1995	197,160	316	62,349	23.50	1,463,348
1996	202,600	325	65,852	14.70	970,798
1997 [2]	201,800	340	68,542	17.30	1,187,830

[1] Price and value on f.o.b. basis. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-35.—Leaf lettuce for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	3,200	4,300	5,700	1,440	1,441	1,568	49.10	36.00	31.70
CA	35,000	36,000	35,700	7,350	7,560	7,497	31.90	25.10	25.40
FL	400	450	330	52	52	53	44.70	27.10	29.70
OH	470	530	600	82	101	123	24.20	24.70	25.50
US	39,070	41,280	42,330	8,924	9,154	9,241	34.70	26.80	26.50

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-36.—Romaine lettuce for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	5,700	7,400	8,200	1,710	1,776	2,624	28.10	19.50	19.50
CA	23,000	23,500	24,000	6,440	6,463	6,360	24.40	18.60	17.80
FL	1,500	1,600	850	293	320	200	26.60	18.80	20.30
OH	340	470	500	87	92	95	23.50	24.70	26.50
US	30,540	32,970	33,550	8,530	8,651	9,279	25.20	18.90	18.40

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-37.—Misc Crops for fresh market and processing: Area, production, and value per hundredweight, by States, 1995–97

Crop	Area harvested			Production			Value per unit		
	1995	1996	1997	1995	1996	1997	1995	1996	1997
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
Artichokes	8,900	8,900	9,100	819	890	865	75.70	73.50	78.20
Brussels Sprouts	3,400	3,800	4,200	561	684	630	25.70	29.40	42.50
Garlic	28,000	35,000	37,000	4,620	6,125	5,550	30.50	32.10	47.10

NASS, Crops Branch, (202) 720–2127.

Table 4-38.—Onions (fresh market): Foreign trade, United States, 1987–96 [1]

Year beginning July	Imports	Domestic exports	Year beginning July	Imports	Domestic exports
	1,000 cwt.	*1,000 cwt.*		*1,000 cwt.*	*1,000 cwt.*
1987	4,204	1,934	1992	4,619	3,756
1988	3,404	2,494	1993	5,743	4,397
1989	3,885	2,663	1994	5,392	7,975
1990	4,589	3,784	1995	4,785	6,583
1991	4,278	3,436	1996	5,395	5,814

[1] Includes onion sets.

ERS, Specialty Crops Branch, (202) 694–5253. Compiled from reports of the U.S. Department of Commerce.

Table 4-39.—Onions, commercial crop: Area, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, United States, 1988–97 [1]

Year	Area for harvest	Yield per acre	Production [2]	Shrinkage and loss	Value [3]	
					Per cwt.	Total
	Acres	*Cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1988	128,950	362	46,733	4,272	9.75	413,996
1989	132,660	361	47,902	4,433	11.40	496,971
1990	138,340	382	52,781	6,141	10.50	488,786
1991	133,970	378	50,702	4,107	12.50	582,556
1992	141,730	386	54,731	6,206	13.00	629,019
1993	152,580	380	57,956	8,310	16.80	831,986
1994	160,350	396	63,531	6,120	10.90	626,778
1995	164,000	391	64,182	7,206	11.10	633,692
1996	159,310	385	61,369	6,565	10.60	581,571
1997 [4]	154,920	412	63,883	7,633	11.50	648,437

[1] Mostly for fresh market use, but includes some quantities used for processing. [2] Includes storage crop onions harvested but not sold because of shrinkage and waste. [3] Price and value on f.o.b. basis. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-40.—Onions, commercial crop: Area, production, shrinkage and loss, and value per hundredweight, by States, 1995–97 [1]

Season and State	Area harvested			Production			Shrinkage and loss			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
	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.*
Spring:												
AZ	1,400	1,900	2,100	672	760	746	.....	.....	.....	7.93	8.56	12.60
CA	7,500	7,200	7,200	3,300	2,736	3,204	.....	.....	.....	14.00	9.80	14.30
GA	12,500	14,700	15,800	2,375	1,764	3,476	.....	.....	.....	28.10	30.50	25.60
TX	14,200	13,000	8,100	3,763	4,030	1,661	.....	.....	.....	19.20	9.68	16.90
Total	35,600	36,800	33,200	10,110	9,290	9,087	.....	.....	.....	18.80	13.60	19.00
Summer:												
Non-storage:												
NV	1,900	1,900	1,700	874	1,102	918	.....	.....	.....	13.00	14.50	14.50
NM	9,100	7,100	6,400	4,095	3,266	3,008	.....	.....	.....	12.90	13.70	14.40
TX	3,700	4,200	3,700	870	924	962	.....	.....	.....	13.30	12.90	14.00
WA	1,000	700	900	400	266	333	.....	.....	.....	15.40	21.20	17.40
Non-storage total	15,700	13,900	12,700	6,239	5,558	5,221	.....	.....	.....	13.10	14.10	14.50
Storage:												
CA [3]	30,500	31,000	29,000	12,658	13,330	12,760	253	270	258	7.17	7.71	7.84
CO	17,800	16,000	15,300	6,141	5,200	5,355	1,290	1,404	1,178	11.20	13.60	11.80
ID	8,700	8,600	8,200	5,481	5,590	5,658	1,500	1,006	1,500	8.20	10.20	10.20
MI	6,400	5,800	6,100	1,856	1,798	1,952	371	359	397	9.25	10.80	8.90
MN	520	520	550	125	114	165	3	3	3	9.09	8.00	8.00
NY	12,600	11,400	12,200	4,032	2,736	3,660	342	391	387	13.80	9.77	12.00
OH	480	490	470	146	186	195	14	19	20	10.40	8.00	9.00
OR (Malheur)	12,300	12,000	12,000	7,134	7,080	7,440	1,800	1,487	1,860	8.40	10.10	10.40
OR (Other)	6,800	6,300	7,400	2,720	2,394	3,330	460	335	553	11.00	9.15	10.30
UT	2,200	2,100	2,400	968	987	1,164	106	207	248	6.40	8.00	8.84
WA	12,500	12,700	13,500	6,125	6,477	7,155	1,025	1,027	1,155	7.80	9.14	9.30
WI	1,900	1,700	1,900	447	629	741	42	57	74	7.88	10.50	5.99
Storage total	112,700	108,610	109,020	47,833	46,521	49,575	7,206	6,565	7,633	8.89	9.44	9.54
Total summer	128,400	122,510	121,720	54,072	52,079	54,796	7,206	6,565	7,633	9.46	10.00	10.10
US	164,000	159,310	154,920	64,182	61,369	63,883	7,206	6,565	7,633	11.10	10.60	11.50

[1] Mostly for fresh market use, but includes some quantities used for processing. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-41.—Peas, green (for processing), commercial crop: Area, yield, production, value per ton, and total value, United States, 1988–97

Year	Area harvested	Yield per acre	Production	Value [1]	
				Per ton	Total
	Acres	*Tons* [2]	*Tons*	*Dollars*	*1,000 dollars*
1988 ..	283,900	1.10	313,140	234.00	73,166
1989 ..	316,500	1.59	504,660	238.00	119,963
1990 ..	341,100	1.55	528,150	249.00	131,494
1991 ..	332,800	1.48	491,110	261.00	128,071
1992 ..	332,820	1.71	569,400	239.00	135,954
1993 ..	228,600	1.54	351,080	251.00	88,004
1994 ..	289,410	1.69	488,580	254.00	124,138
1995 ..	304,000	1.62	492,590	267.00	131,762
1996 ..	247,300	1.67	413,960	284.00	117,596
1997 [3]	268,900	1.77	475,940	288.00	136,996

[1] Price and value at processing plant door. [2] Shelled basis: 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-42.—Peas, green (for processing), commercial crop: Area, production, and value per ton, States, 1995–97

State	Area harvested			Production [2]			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
MN	85,400	77,500	75,200	107,600	123,230	111,300	305.00	315.00	364.00
NY	18,200	14,400	18,200	30,210	27,650	40,220	316.00	306.00	210.00
OR	33,700	22,100	27,800	70,770	36,240	42,810	225.00	232.00	235.00
WA	57,300	42,200	53,700	118,610	82,290	104,720	255.00	248.00	242.00
WI	65,700	54,700	58,000	86,720	88,070	104,400	263.00	294.00	312.00
Other States [3]	43,700	36,400	36,000	78,680	56,480	72,490	260.00	276.00	277.00
US	304,000	247,300	268,900	492,590	413,960	475,940	267.00	284.00	288.00

[1] Preliminary. [2] Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. [3] 1995—CA, DE, ID, IL, IA, ME, MD, MI, NJ, and PA. 1996–97—CA, DE, ID, IL, IA, ME, MD, MI, NJ, PA, and TN.

NASS, Crops Branch, (202) 720–2127.

Table 4-43.—Bell peppers for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	24,000	25,500	25,000	6,960	7,650	7,500	27.10	22.70	25.40
FL	21,000	20,200	18,500	4,725	6,060	5,458	37.50	36.50	37.90
LA	1,000	950	850	230	143	170	30.00	24.00	25.00
MI	2,100	2,000	1,700	357	400	374	22.70	18.40	20.90
NJ	5,300	5,000	4,800	848	1,100	1,248	28.80	25.30	26.40
NC	6,500	7,300	7,000	228	657	840	22.50	21.00	25.00
OH	1,000	950	1,000	145	143	145	30.60	23.20	30.50
TX	4,600	5,200	5,100	667	702	893	45.30	32.20	34.60
VA	1,900	1,400	1,700	247	98	145	26.70	18.00	28.00
Total	67,400	68,500	65,650	14,407	16,953	16,773	31.30	28.00	30.00
HI [2]	200	.....	.....	24	.....	.....	53.00	.....	.....
US	67,600	68,500	65,650	14,431	16,953	16,773	31.40	28.00	30.00

[1] Preliminary. [2] Estimate discontinued.

NASS, Crops Branch, (202) 720–2127.

Table 4-44.—Potatoes: Area, yield, production, season average price, and value, United States, 1988–97

Year	Area planted	Area harvested	Yield per harvested acre	Production	Season average price per cwt. received by farmers [1]	Value of production
	1,000 acres	*1,000 acres*	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1988	1,284.7	1,259.3	283	356,438	6.00	2,139,571
1989	1,305.0	1,281.5	289	370,444	7.35	2,713,663
1990	1,399.7	1,370.6	293	402,110	6.08	2,430,983
1991	1,407.5	1,374.4	304	417,622	4.96	2,042,899
1992	1,339.3	1,315.0	323	425,367	5.52	2,336,478
1993	1,385.2	1,317.0	326	428,693	6.17	2,636,650
1994	1,416.4	1,379.7	339	467,054	5.58	2,590,257
1995	1,398.2	1,372.1	323	443,606	6.77	2,991,722
1996	1,455.8	1,426.0	350	498,633	4.93	2,430.889
1997 [2]	1,362.0	1,325.5	347	459,912	5.68	2,604,189

[1] Obtained by weighting State prices by quantity sold. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-45.—Potatoes: Production, seed used, and disposition, United States, 1987–96

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.*
1987	389,320	25,544	5,654	31,901	351,765
1988	356,438	25,973	5,810	24,842	325,786
1989	370,444	27,025	5,722	24,974	339,748
1990	402,110	28,061	5,949	28,329	367,832
1991	417,622	27,021	5,995	32,429	379,198
1992	425,367	28,275	5,923	33,807	385,637
1993	428,693	29,031	5,931	30,152	392,610
1994	467,054	29,348	5,878	37,166	424,010
1995	443,606	30,582	5,745	29,530	408,331
1996 [1]	498,633	28,941	6,231	41,234	451,168

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-46.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 1995–97

Season and State	Area harvested			Production			Price for crop of—		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [2]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars*	*Dollars*	*Dollars*
Winter:									
CA	5.0	5.7	6.6	1,300	1,425	1,584	18.20	21.10	.....
FL	6.9	8.8	8.8	1,173	1,848	1,540	23.30	24.60	.....
Total	11.9	14.5	15.4	2,473	3,273	3,124	20.70	23.10	.....
Spring:									
AL	2.5	1.9	1.5	400	304	263	9.95	9.95	.....
AZ	6.5	9.0	6.2	1,755	2,475	1,705	7.65	10.20	.....
CA	17.8	20.1	20.7	6,230	7,538	8,280	13.60	13.00	.....
FL	36.0	35.5	33.3	7,830	7,765	6,641	7.30	10.50	.....
Hastings	27.0	27.5	24.5	5,940	6,325	5,145	5.90	9.50	.....
Other	9.0	8.0	8.8	1,890	1,440	1,496	11.70	14.80	.....
NC	16.5	17.0	16.5	3,053	3,230	3,300	6.55	6.75	.....
TX	5.0	6.5	8.0	925	1,105	1,560	8.90	8.90	.....
Total	84.3	90.0	86.2	20,193	22,417	21,749	9.30	10.70	.....

See footnotes at end of table.

Table 4-46.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 1995–97—Continued

Season and State	Area harvested			Production			Price for crop of—		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [2]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars*	*Dollars*	*Dollars*
Summer:									
AL	6.7	6.7	5.9	1,139	1,005	885	10.40	8.90	.....
CA	5.5	5.8	5.9	1,760	2,088	2,124	17.50	14.60	.....
CO	9.1	9.8	7.6	2,776	3,381	2,660	6.45	4.10	.....
DE	5.9	5.2	4.2	1,475	1,248	966	8.40	7.95	.....
IL	5.5	6.0	4.6	1,485	1,650	1,495	5.60	4.70	.....
IA	1.6	1.5	1.3	240	315	273	5.65	4.80	.....
MD	1.5	2.6	3.4	360	559	952	8.00	6.60	.....
MO	6.9	7.1	5.8	1,587	1,633	1,479	5.65	5.80	.....
NE	4.4	5.5	4.3	1,254	1,485	1,677	6.95	4.15	.....
NJ	2.6	2.5	2.2	702	663	594	6.45	6.50	.....
NM	4.2	3.9	4.3	1,344	1,404	1,376	9.10	6.10	.....
NC	1.3	1.2	1.2	124	108	120	7.10	7.75	.....
TX	7.0	9.5	7.7	1,645	2,280	1,887	12.20	10.90	.....
VA	8.5	7.5	7.5	2,040	1,688	1,463	10.80	12.40	.....
Total	70.7	74.8	65.9	17,931	19,507	17,951	9.10	7.77	.....
Fall:									
CA	13.0	11.5	10.5	5,330	4,600	4,200	9.65	4.80	.....
CO	76.8	77.8	76.9	23,808	29,175	25,377	6.25	1.60	.....
ID	398.0	413.0	388.0	132,657	142,800	135,430	6.20	3.85	.....
10 S.W. counties	27.0	28.0	27.0	11,340	11,900	12,690	.....	.....	.....
Other counties	371.0	385.0	361.0	121,317	130,900	122,740	.....	.....	.....
IN	4.6	5.2	4.9	1,196	1,352	1,323	6.10	6.10	.....
ME	78.0	77.0	71.0	17,160	21,175	19,170	6.40	4.60	.....
MA	3.3	2.6	2.7	858	676	675	6.40	5.65	.....
MI	54.5	46.0	47.5	16,350	13,800	14,250	6.90	5.80	.....
MN	77.0	82.0	73.0	20,790	24,600	20,440	5.25	4.65	.....
MT	9.8	10.2	10.4	2,940	3,213	3,328	9.35	6.60	.....
NE	11.5	12.4	19.3	3,680	4,402	7,527	6.30	5.35	.....
NV	7.6	7.9	6.9	2,774	3,160	2,967	8.30	3.45	.....
NM	6.3	6.4	6.3	2,394	2,560	2,646	5.75	4.60	.....
NY	28.5	28.5	29.5	7,695	7,980	8,408	7.45	7.30	.....
ND	121.0	131.0	105.0	25,410	28,820	21,525	5.40	4.70	.....
OH	5.4	5.1	5.0	1,404	1,275	1,175	6.90	7.35	.....
OR	53.2	61.0	53.5	24,788	30,124	27,161	6.70	4.60	.....
Malheur County	12.8	13.3	10.9	4,992	5,320	4,796	5.35	5.30	.....
Other counties	40.4	47.7	42.6	19,796	24,804	22,365	7.05	4.45	.....
PA	17.0	16.5	14.5	4,080	4,208	3,190	7.20	6.95	.....
RI	0.9	0.8	0.8	243	192	208	7.35	6.50	.....
SD	5.2	4.8	4.2	988	1,344	1,050	4.75	5.05	.....
UT	5.1	4.2	3.1	1,224	1,176	915	5.10	4.90	.....
WA	147.0	161.0	148.0	80,850	94,990	88,060	6.85	4.75	.....
WI	80.0	81.0	76.5	26,000	31,590	27,923	6.40	4.35	.....
WY	1.5	0.8	0.5	390	224	140	7.00	7.00	.....
Total	1,205.2	1,246.7	1,158.0	403,009	453,436	417,088	6.43	4.35	.....
US	1,372.1	1,426.0	1,325.5	443,606	498,633	459,912	6.77	4.93	.....

[1] Preliminary. [2] Data not available.

NASS, Crops Branch, (202) 720–2127.

Table 4-47.—Fall potatoes: Production and total stocks held by growers and local dealers, 15 Major States, 1987–96

Crop year	Production	Total stocks					
		Dec. 1	Following year				
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
1987	335,607	225,890	196,760	167,325	138,800	105,905	70,030
1988	305,623	206,420	177,750	151,050	124,485	92,585	59,355
1989	316,097	202,050	173,550	144,290	116,600	84,320	50,675
1990	344,200	225,500	194,460	162,850	134,470	101,150	63,040
1991	363,541	242,070	211,005	178,515	145,820	108,865	69,110
1992	368,516	246,820	215,990	184,560	152,795	115,785	75,040
1993	375,004	249,710	217,800	186,090	154,135	115,970	73,860
1994	408,139	272,290	237,960	201,870	168,970	128,825	87,500
1995	392,942	256,310	223,150	188,960	155,720	116,255	76,170
1996	442,752	295,100	262,120	227,080	189,410	147,885	102,810

NASS, Crops Branch, (202) 720–2127.

Table 4-48.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 1995 and 1996

State	Crop of 1995					
	Dec. 1, 1995	Jan. 1, 1996	Feb. 1, 1996	Mar. 1, 1996	Apr. 1, 1996	May 1, 1996
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
CA	4,000	3,500	2,800	2,300	1,700	1,100
CO	18,200	16,100	13,400	11,200	9,100	6,200
ID	96,000	85,000	73,500	62,500	49,500	36,000
ME	13,800	12,400	10,400	8,500	5,700	2,800
MI	9,600	8,300	6,500	4,800	2,700	1,200
MN	13,500	11,700	10,200	8,700	6,800	4,500
MT	2,800	2,700	2,600	2,500	1,750	340
NE	2,600	2,300	2,000	(1)1,420	(1)705	(1)200
NY	3,400	2,500	1,500	900	400	150
ND	17,000	14,000	11,500	9,200	7,000	4,500
OH	310	150	60	(1)	(1)	(1)
OR	17,200	14,100	12,300	9,900	7,500	4,500
PA	2,400	1,900	1,200	800	400	180
WA	39,500	35,000	30,500	25,000	18,000	12,500
WI	16,000	13,500	10,500	8,000	5,000	2,000
15 State total	256,310	223,150	188,960	155,720	116,255	76,170

State	Crop of 1996[2]					
	Dec. 1, 1996	Jan. 1, 1997	Feb. 1, 1997	Mar. 1, 1997	Apr. 1, 1997	May 1, 1997
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
CA	3,500	3,000	2,500	2,200	1,700	1,100
CO	23,100	20,700	18,100	15,500	12,900	9,900
ID	102,000	92,000	82,000	70,000	56,000	41,000
ME	16,900	15,300	13,100	11,200	8,400	5,300
MI	8,000	6,600	4,600	3,300	1,900	1,000
MN	16,500	14,900	13,200	11,000	8,500	5,500
MT	3,050	2,950	2,850	2,700	1,900	300
NE	3,160	2,800	2,440	(1)1,930	(1)1,025	(1)390
NY	3,700	2,400	1,400	800	350	160
ND	20,500	18,000	15,000	12,400	10,000	7,300
OH	290	170	90	(1)	(1)	(1)
OR	23,600	21,500	19,000	16,000	13,300	9,200
PA	2,800	1,800	1,300	880	410	160
WA	48,000	42,000	36,500	30,000	23,000	16,500
WI	20,000	18,000	15,000	11,500	8,500	5,000
15 State total	295,100	262,120	227,080	189,410	147,885	102,810

[1] Combined to prevent possible disclosure of individual operations. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-49.—Potatoes: Utilization, United States, crop years 1989–96

Item	1989	1990	1991	1992
SALES	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Table stock	113,932	119,545	126,953	127,215
For processing:				
Chips and shoestring	43,071	44,489	45,850	48,455
Dehydration	32,187	38,838	40,395	38,078
Frozen french fries	100,459	108,455	111,128	112,496
Other frozen products	19,115	23,915	23,097	23,016
Canned potatoes	3,138	2,526	2,465	2,710
Other canned products (hash, stews, soups)	1,858	2,075	1,886	2,557
Starch and flour	898	1,699	1,739	1,610
Total	200,726	221,997	226,560	228,922
Other sales:				
Livestock feed	2,800	3,264	3,652	3,928
Seed	22,290	23,026	22,033	23,529
Diversion	.....	.....	.....	2,043
Total	25,090	26,290	25,685	29,500
Total sales	339,748	367,832	379,198	385,637
NON-SALES				
Seed used on farms where grown	4,735	5,035	4,988	4,746
Household use	987	914	1,007	1,177
Shrinkage and loss	24,974	28,329	32,429	33,807
Total non-sales	30,696	34,278	38,424	39,730
Total production	370,444	402,110	417,622	425,367

Item	1993	1994	1995	1996 [1]
SALES	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Table stock	123,802	133,989	123,480	131,402
For processing:				
Chips and shoestring	48,987	49,299	47,284	47,969
Dehydration	40,795	41,381	45,065	54,261
Frozen french fries	121,087	136,531	129,029	145,489
Other frozen products	25,190	26,362	27,073	28,728
Canned potatoes	1,879	2,503	3,342	2,828
Other canned products (hash, stews, soups)	2,458	3,006	2,385	2,211
Starch and flour	1,691	2,176	1,668	1,956
Total	242,087	261,258	255,846	283,442
Other sales:				
Livestock feed [2]	2,498	4,147	3,224	12,073
Seed	24,223	24,616	25,781	24,251
Total	26,721	28,763	29,005	36,324
Total sales	392,610	424,010	408,331	451,168
NON-SALES				
Seed used on farms where grown	4,808	4,732	4,783	4,690
Household use	1,123	1,146	962	1,541
Shrinkage and loss	30,152	37,166	29,530	41,234
Total non-sales	36,083	43,044	35,275	47,465
Total production	428,693	467,054	443,606	498,633

[1] Preliminary. [2] Includes potatoes under Government diversion.
NASS, Crops Branch, (202) 720–2127.

Table 4-50.—U.S. imports of frozen french fries from principal suppliers for marketing years, 1993–96 [1]

Countries	1993	1994	1995	1996
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*
Canada	120,940	144,796	159,854	248,576
Israel	0	0	0	0
Japan	0	0	0	0
Mexico	0	0	1	0
Netherlands	266	0	0	321
New Zealand [2]	0	15	168	0
Total	121,206	144,811	160,023	248,897

[1] July through June. [2] Excludes Cook, Niue, and Tokelau.
FAS, Horticultural & Tropical Products Division, (202) 720–0897. Compiled from reports of the U.S. Department of Commerce.

Table 4-51.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1996 [1]

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.*
Winter:					
CA	1,425	158	.....	71	1,354
FL	1,848	252	.....	11	1,837
Total	3,273	410	.....	82	3,191
Spring:					
AL	304	24	.....	5	299
AZ	2,475	124	5	50	2,420
CA	7,538	409	15	151	7,372
FL	7,765	936	1	37	7,727
Hastings	6,325	702	1	25	6,299
Other	1,440	234	.....	12	1,428
NC	3,230	238	45	97	3,088
TX	1,105	102	28	22	1,055
Total	22,417	1,833	94	362	21,961
Summer:					
AL	1,005	91	10	50	945
CA	2,088	180	9	91	1,988
CO	3,381	179	5	206	3,170
DE	1,248	65	4	50	1,194
IL	1,650	106	25	41	1,584
IA	315	20	3	12	300
MD	559	42	5	12	542
MO	1,633	128	1	13	1,619
NE	1,485	90	1	75	1,409
NJ	663	25	3	20	640
NM	1,404	88	5	56	1,343
NC	108	17	3	3	102
TX	2,280	111	8	46	2,226
VA	1,688	112	1	59	1,628
Total	19,507	1,254	83	734	18,690
Fall:					
CA	4,600	200	23	472	4,105
CO	29,175	1,925	1,485	3,975	23,715
ID	142,800	8,400	1,500	10,100	131,200
IN	1,352	114	20	38	1,294
ME	21,175	1,628	395	1,800	18,980
MA	676	53	.....	18	658
MI	13,800	784	300	1,300	12,200
MN	24,600	1,383	445	4,158	19,997
MT	3,213	239	137	221	2,855
NE	4,402	449	169	439	3,794
NV	3,160	146	50	380	2,730
NM	2,560	158	7	249	2,304
NY	7,980	660	140	370	7,470
ND	28,820	2,188	360	5,270	23,190
OH	1,275	105	5	35	1,235
OR	30,124	1,357	305	2,560	27,259
Malheur County	5,320	253	5	60	5,255
Other counties	24,804	1,104	300	2,500	22,004
PA	4,208	361	83	325	3,800
RI	192	16	.....	2	190
SD	1,344	72	16	60	1,268
UT	1,176	78	1	108	1,067
WA	94,990	3,552	300	6,800	87,890
WI	31,590	1,560	305	1,360	29,925
WY	224	16	8	16	200
Total	453,436	25,444	6,054	40,056	407,326
US	498,633	28,941	6,231	41,234	451,168

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-52.—Potatoes,[1] white: United States exports by country of destination and imports by country of origin, 1993/94–1995/96

Item and country	Year beginning October		
	1993/94	1994/95	1995/96
EXPORTS	*Metric tons*	*Metric tons*	*Metric tons*
Europe:			
Netherlands	0	0	351
United Kingdom	20	0	359
Other countries	93	882	190
Total[2]	113	882	900
Latin America:			
Mexico	19,225	16,481	27,721
Venezuela	73	3,224	418
Other countries	689	1,025	2,024
Total[2]	19,987	20,730	30,163
Bermuda and Caribbean:			
Antigua and Barbuda	93	25	0
Aruba	26	81	170
Bahamas	42	695	324
Barbados	243	257	277
Bermuda	445	38	12
Dominican Republic	36	125	2,126
Jamaica	35	18	0
Netherlands Antilles	20	0	16
Other countries	279	514	231
Total[2]	1,219	1,753	3,156
Other countries:			
Canada	266,013	232,666	225,543
Hong Kong	1,784	1,823	2,894
Russian Federation	2,851	4,718	5,936
Singapore	896	1,329	2,352
Other countries	684	1,682	3,594
Total[2]	272,228	242,218	240,319
Grand total[2]	293,547	265,583	274,538
IMPORTS			
Certified seed:			
Brazil	0	0	20
Canada	106,339	99,720	136,546
China	62	0	68
Others	25	1	1
Total	106,426	99,721	136,635
Other potatoes:			
Belize	20	0	0
Canada	210,824	146,720	353,273
China	43	46	10
Peru	42	58	6
Others	67	62	4
Total	210,996	146,885	353,293
Grand total	317,422	246,606	489,928

[1] Includes seed potatoes. [2] Totals may not add due to rounding.

FAS, Horticultural & Tropical Products Division, (202) 720–0897. Compiled from reports of the U.S. Department of Commerce.

Table 4-53.—Potatoes (fresh): Foreign trade, United States, 1987–96[1]

Year beginning July	Imports for consumption	Domestic exports
	1,000 cwt.	*1,000 cwt.*
1987	3,948	1,142
1988	5430	783
1989	7009	2,243
1990	7,180	2,870
1991	3,352	3,374
1992	6,602	4,489
1993	7,018	5,040
1994	6,428	6,246
1995	6,849	5,839
1996	7,129	6,402

[1] Includes seed.

ERS, Specialty Crops Branch, (202) 694–5253. Compiled from reports of the U.S. Department of Commerce.

Table 4-54.—Spinach for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997[1]	1995	1996	1997[1]	1995	1996	1997[1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	6,500	7,000	7,100	1,040	1,050	1,243	34.50	30.90	30.50
CO	2,700	2,500	2,100	203	150	109	25.00	28.60	32.00
MD	1,400	1,400	1,200	77	70	107	37.40	15.00	41.00
NJ	2,500	2,300	2,300	200	230	288	30.50	28.20	25.60
TX	2,600	2,800	2,400	234	154	156	25.40	24.40	35.40
VA[2]	550	.....	.....	22	.....	.....	26.30	.....	.....
US	16,250	16,000	15,100	1,776	1,654	1,903	31.80	29.00	30.80

[1] Preliminary. [2] Estimate discontinued.

NASS, Crops Branch, (202) 720–2127.

Table 4-55.—Spinach for processing: Area, production, and value per ton, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
TX	7,900	7,500	4,700	66,600	70,050	44,650	84.50	86.30	93.50
Other States [2]	13,510	13,610	14,740	89,220	95,800	102,290	116.00	115.00	113.00
US	21,410	21,110	19,440	155,820	165,850	146,940	102.00	103.00	107.00

[1] Preliminary. [2] 1995-96—AR, CA, OK, TN, and WI. 1997—AR, CA, NY, OH, OK, PA, TN, VA, and WI.
NASS, Crops Branch, (202) 720–2127.

Table 4-56.—Sweet Potatoes: Area, yield, production, season average price per hundredweight received by farmers, and value, United States, 1988–97

Year	Area harvested	Yield per acre	Production	Price [1]	Value of production
	1,000 acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1988	85.5	128	10,945	12.90	141,202
1989	86.0	132	11,358	16.40	186,279
1990	89.5	141	12,594	9.70	121,962
1991	77.8	144	11,203	13.30	149,367
1992	82.4	146	12,005	12.20	146,499
1993	80.2	138	11,053	15.10	166,828
1994	82.8	162	13,395	14.00	187,383
1995	83.6	154	12,906	15.90	204,658
1996	84.8	159	13,456	14.40	193,439
1997 [2]	83.5	156	13,025	16.40	213,171

[1] Obtained by weighting State prices by quantity sold. [2] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 4-57.—Sweet Potatoes: Area, production, and season average price per hundredweight received by farmers, by States, 1995–97

State	Area harvested			Production			Price for crop of—		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars*	*Dollars*	*Dollars*
AL	4.1	4.3	3.8	677	731	570	16.50	12.10	17.10
CA	9.6	9.6	9.7	1,920	2,160	1,989	33.00	26.10	30.00
GA	2.4	2.0	1.6	408	400	240	10.10	10.60	13.70
LA	21.0	21.0	20.0	3,150	3,360	3,200	13.20	13.10	14.00
MS	5.5	8.1	8.4	825	1,296	1,092	15.10	12.60	18.50
NJ	1.4	1.2	1.1	210	156	116	23.10	17.90	23.00
NC	32.0	31.0	31.0	4,800	4,340	4,650	11.60	10.70	11.20
SC	1.9	1.6	1.5	181	200	150	12.60	14.70	12.80
TX	5.2	5.5	5.8	650	743	928	12.70	14.40	19.10
VA	0.5	0.5	0.6	85	70	90	10.60	10.90	11.90
US	83.6	84.8	83.5	12,906	13,456	13,025	15.90	14.40	16.40

[1] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 4-58.—Taro: Area, yield, total production, price, and value, Hawaii, 1988–97

Year	Area harvested [1]	Yield per acre	Production	Price per pound	Value of production
	Acres	*1,000* pounds	*1,000* pounds	*Dollars*	*1,000* pounds
1988	420	16.2	6,800	.280	1,904
1989	430	15.1	6,500	.307	1,996
1990	420	13.8	5,800	.390	2,262
1991	550	11.8	6,500	.430	2,795
1992	550	12.5	6,900	.435	3,002
1993	510	11.8	6,000	.460	2,760
1994	490	12.4	6,100	.460	2,806
1995	550	12.4	6,800	.480	3,264
1996	530	10.8	5,700	.490	2,793
1997 [2]	450	11.6	5,200	.510	2,652

[1] Average during the year. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-59.—Tomatoes: Foreign trade, United States, 1987–96

Year beginning July	Imports			Domestic exports				
	Fresh	Canned [1]	Paste	Fresh [2]	Canned [3] whole	Catsup and sauces	Paste [3]	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*
1987	767,546	173,323	100,634	156,373	8,408	27,881	21,286	1,626
1988	830,078	157,403	225,628	180,948	11,945	62,730	22,139	8,727
1989	905,428	119,090	163,196	177,177	4,892	84,595	30,302	13,033
1990	807,239	151,944	93,572	293,056	6,452	81,974	79,305	17,025
1991	460,778	111,220	52,027	343,480	25,461	163,353	131,966	24,694
1992	824,806	122,593	69,157	351,410	44,953	185,414	147,292	24,468
1993	885,824	131,347	95,708	329,577	48,176	241,118	171,550	33,877
1994	1,456,261	189,042	50,898	321,828	51,704	266,491	198,165	30,802
1995	1,702,019	221,894	33,590	288,021	59,312	252,503	193,215	51,006
1996	1,678,129	215,112	31,818	282,252	79,466	279,464	284,377	24,456

[1] Includes all canned tomato imports except paste, and is on a product-weight-basis. [2] Prior to 1989, U.S. exports to Canada were understated due to underreporting of actual shipments. [3] Includes exports for military-civilian feeding abroad.

ERS, Specialty Crops Branch, (202) 694–5253. Compiled from reports of the U.S. Department of Commerce.

Table 4-60.—Tomatoes, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, United States, 1988–97

Year	For fresh market					For processing				
	Area harvested	Yield per acre	Production	Value [1]		Area harvested	Yield per acre	Production	Value [2]	
				Per cwt.	Total				Per ton	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*	*Acres*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1988	140,000	256	35,889	27.10	973,012	274,920	26.95	7,409,920	60.70	449,797
1989	141,730	254	35,962	33.20	1,192,198	320,850	29.56	9,484,470	69.30	657,284
1990	134,590	251	33,800	27.40	925,047	354,700	29.19	10,355,260	67.80	702,367
1991	131,710	258	33,988	31.70	1,078,763	355,980	30.54	10,872,990	66.40	722,114
1992	131,910	296	39,033	35.80	1,396,950	273,910	32.04	8,777,430	58.00	509,413
1993	134,650	264	35,499	31.70	1,130,092	307,470	31.47	9,676,540	60.10	581,893
1994	136,020	276	37,582	27.40	1,029,282	340,060	33.94	11,542,310	62.10	716,628
1995	132,820	260	34,535	25.80	891,343	344,380	32.77	11,286,040	63.20	713,544
1996	124,640	277	34,564	28.00	966,679	339,120	33.64	11,408,740	62.30	711,121
1997 [3]	125,370	302	37,809	33.00	1,246,843	283,370	35.19	9,972,650	60.70	605,350

[1] Price and value of f.o.b. basis. [2] Price and value at processing plant door. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-61.—Tomatoes, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1995–97

Utilization and State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
FOR FRESH MARKET	*Acres*	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AL	3,000	3,400	3,200	315	425	480	25.10	22.00	24.00
AR	1,000	1,000	1,100	260	130	231	42.00	38.00	34.00
CA	38,000	37,400	40,800	10,260	10,472	11,628	18.70	24.80	27.00
FL	48,500	40,800	38,100	15,035	14,484	15,812	27.60	30.90	38.60
GA	4,700	4,500	5,400	1,833	1,800	2,268	31.00	24.30	25.70
IN	1,200	1,600	1,600	132	216	232	40.90	46.20	43.80
LA	300	310	310	57	47	59	37.00	40.00	50.00
MD	2,400	2,300	2,500	156	311	325	41.00	35.00	28.00
MA	480	450	400	65	68	56	75.00	85.00	80.00
MI	2,400	2,400	2,200	360	432	396	30.40	24.20	24.20
NJ	4,500	4,100	4,200	810	697	756	33.00	33.80	36.70
NY	2,400	1,900	2,600	300	152	312	24.60	22.10	29.10
NC	1,400	1,800	2,000	210	450	600	19.90	27.00	24.50
OH	3,200	3,300	3,400	560	842	646	28.40	26.60	46.00
PA	4,200	4,400	3,800	462	660	494	18.50	19.50	25.00
SC	3,700	3,800	3,700	1,147	1,140	703	39.00	30.00	33.00
TN	3,900	3,400	3,200	819	731	768	21.00	24.00	27.00
TX	3,600	3,900	3,200	288	429	640	28.00	18.00	34.00
VA	3,700	3,600	3,300	1,406	1,008	1,304	31.00	24.70	33.80
Total	132,580	124,360	125,010	34,475	34,494	37,710	25.80	27.90	32.90
HI	240	280	360	60	70	99	47.00	53.00	53.00
US	132,820	124,640	125,370	34,535	34,564	37,809	25.80	28.00	33.00
FOR PROCESSING	*Acres*	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
CA	317,000	313,000	260,000	10,606,820	10,660,780	9,349,600	62.30	61.10	59.50
CO	180	220	.....	1,840	3,900	.....	110.00	110.00	.....
IN	6,700	6,400	6,400	157,450	180,480	157,440	84.10	85.00	87.30
MI	4,500	4,400	3,800	135,000	143,000	123,500	65.70	73.70	73.30
OH	10,400	10,500	8,900	269,670	307,650	252,670	76.90	78.90	73.70
PA	1,400	800	1,100	36,600	22,300	27,010	79.40	95.90	77.00
Other States [2]	4,200	3,800	3,170	78,660	90,630	62,430	86.20	77.50	88.90
US	344,380	339,120	283,370	11,286,040	11,408,740	9,972,650	63.20	62.30	60.70
Grand total	477,200	463,760	408,700	13,012,790	13,136,940	11,863,100	123.00	128.00	156.00

[1] Preliminary. [2] 1995–97—DE, IL, MD, NJ, NY, TX, and VA.

NASS, Crops Branch, (202) 720–2127.

Table 4-62.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1996

Commodity	Baltimore [1]			Boston			New York [2]			Philadelphia		
	Rail, boat, and air	Motor-truck [3]	Total	Rail, boat, and air	Motor-truck [3]	Total	Rail, boat, and air	Motor-truck [3]	Total	Rail, boat, and air	Motor-truck [3]	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.*
Vegetables:												
Artichokes	.....	3	3	.....	22	22	.....	121	121	.....	7	7
Asparagus	.....	36	36	.....	57	57	.....	116	116	.....	37	37
Beans	.....	113	113	.....	113	113	.....	370	370	.....	72	72
Beets	.....	.....	.....	.....	4	4	.....	139	139	.....	1	1
Broccoli	20	217	237	156	189	345	276	292	568	129	154	283
Brussels sprouts	.....	7	7	.....	9	9	.....	39	39	.....	1	1
Cabbage	.....	325	325	4	295	299	7	851	858	3	213	216
Carrots	22	232	254	286	367	653	519	617	1,136	174	165	339
Cauliflower	4	101	105	63	132	195	111	188	299	54	74	128
Celery	24	314	338	202	185	387	328	403	731	167	259	426
Chinese cabbage	.....	15	15	.....	15	15	.....	2	2	.....	6	6
Corn, sweet	4	264	268	1	322	323	12	388	400	7	201	208
Cucumbers	.....	329	329	.....	573	573	.....	900	900	.....	252	252
Eggplant	.....	43	43	.....	99	99	1	417	418	.....	54	54
Endive	.....	7	7	.....	9	9	.....	170	170	.....	8	8
Escarole	.....	2	2	.....	13	13	.....	184	184	.....	13	13
Garlic	.....	11	11	.....	42	42	.....	202	202	.....	22	22
Greens	.....	151	151	.....	93	93	.....	418	418	.....	96	96
Lettuce, iceberg	81	797	878	419	1,291	1,710	775	789	1,564	353	648	1,001
Lettuce, romaine	1	181	182	56	348	404	91	410	501	45	192	237
Lettuce, other	.....	95	95	.....	155	155	.....	313	313	.....	67	67
Mixed vegetables	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mushrooms	.....	32	32	.....	161	161	.....	170	170	.....	42	42
Okra	.....	.....	.....	.....	.....	.....	.....	44	44	.....	2	2
Onions, dry	83	597	680	297	755	1,052	643	1,197	1,840	165	581	746
Onions, green	.....	43	43	.....	43	43	.....	88	88	1	25	26
Parsley	.....	13	13	.....	31	31	.....	48	48	.....	9	9
Peas, green	.....	10	10	3	18	21	1	41	42	.....	5	5
Peas, other	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peppers, bell	.....	272	272	19	658	677	4	802	806	.....	377	377
Peppers, other	.....	5	5	.....	16	16	.....	133	133	.....	17	17
Potatoes, table	209	1,214	1,423	870	2,463	3,333	2,348	1,793	4,141	760	1,451	2,211
Potatoes, chipper	5	.....	5	24	6	30	84	.....	84	72	.....	.....
Potatoes, seed	.....	1	1	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pumpkins	.....	14	14	.....	27	.....	.....	2	2	.....	11	11
Radishes	.....	28	28	.....	34	27	.....	75	75	.....	19	19
Spinach	.....	26	26	.....	71	34	.....	187	187	.....	3	3
Squash	.....	135	135	.....	367	71	.....	315	315	.....	97	97
Sweet potatoes	.....	129	129	.....	108	367	.....	236	236	.....	74	74
Tomatoes	16	725	741	75	1,147	108	173	1,295	1,468	116	1,248	1,364
Tomatoes, cherry	.....	30	30	.....	72	1,222	1	87	88	.....	87	87
Turnips-rutabagas	.....	12	12	.....	48	72	.....	38	38	.....	5	5
Vegetables, other	.....	.....	.....	.....	.....	48	.....	13	13	.....	.....	.....
Total	469	6,529	6,998	2,475	10,358	12,833	5,374	13,893	19,267	2,046	6,595	8,641
Melons:												
Cantaloups	8	423	431	70	504	574	152	541	693	66	275	341
Honeydews	5	172	177	36	188	224	77	301	378	35	143	178
Mixed and miscellaneous	.....	3	3	5	19	24	16	19	35	7	7	14
Watermelons	4	544	548	15	628	643	107	1,038	1,145	58	380	438
Total	17	1,142	1,159	126	1,339	1,465	352	1,899	2,251	166	805	971
Grand total	486	7,671	8,157	2,601	11,697	14,298	5,726	15,792	21,518	2,212	7,400	9,612

[1] Includes Washington. [2] Includes Newark. [3] Estimated percentages of completeness for reported truck arrivals for 1996 are as follows: Baltimore 90, Boston 88, New York 75, and Philadelphia 92.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720–3343.

Table 4-63.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1996

Commodity	Atlanta			Chicago			Los Angeles			San Francisco [1]		
	Rail, boat, and air	Motor-truck [2]	Total	Rail, boat, and air	Motor-truck [2]	Total	Rail, boat, and air	Motor-truck [2]	Total	Rail, boat, and air	Motor-truck [2]	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.*
Vegetables:												
Artichokes	...	...	...	...	53	53	...	71	71	...	84	84
Asparagus	...	17	17	...	97	97	5	66	71	...	138	138
Beans	...	75	75	...	251	251	...	167	167	1	131	132
Beets	...	...	...	...	40	40	...	22	22	...	21	21
Broccoli	...	197	197	270	296	566	...	470	470	...	312	312
Brussel sprouts	...	...	...	...	16	16	...	19	19	...	15	15
Cabbage	...	463	463	15	727	742	...	408	408	...	290	290
Carrots	...	310	310	200	616	816	...	722	722	...	541	541
Cauliflower	...	53	53	148	249	397	...	181	181	...	112	112
Celery	...	193	193	374	585	959	...	827	827	...	309	309
Chinese cabbage	...	21	21	...	105	105	...	288	288	...	70	70
Corn, sweet	...	191	191	...	396	396	...	1,212	1,212	...	549	549
Cucumbers	...	201	201	...	642	642	...	708	708	...	290	290
Eggplant	...	16	16	...	170	170	...	221	221	...	118	118
Endive	...	...	...	...	110	110	4	23	27	...	13	13
Escarole	...	...	...	...	101	101	...	14	14	...	1	1
Garlic	...	10	10	...	108	108	...	78	78	...	57	57
Greens	...	142	142	...	249	249	...	202	202	...	94	94
Lettuce, iceberg	...	1,003	1,003	748	1,175	1,923	...	1,587	1,587	...	659	659
Lettuce, romaine	...	173	173	122	295	417	...	375	375	...	249	249
Lettuce, other	...	52	52	...	171	171	...	286	286	...	208	208
Mixed vegetables	...	...	...	...	...	...	...	...	...	...	...	...
Mushrooms	...	83	83	...	392	392	...	136	136	...	133	133
Okra	...	12	12	...	15	15	5	14	19	...	6	6
Onions, dry	19	1,321	1,340	260	998	1,258	1	1,979	1,980	...	1,116	1,116
Onions, green	...	38	38	5	169	174	...	157	157	...	112	112
Parsley	...	9	9	...	75	75	...	35	35	...	35	35
Peas	...	1	1	...	61	61	...	33	33	...	37	37
Peas, other	...	3	3	...	...	...	...	...	...	...	...	...
Peppers, bell	...	258	258	3	637	640	5	769	774	...	355	355
Peppers, other	...	7	7	...	274	274	...	180	180	...	74	74
Potatoes, table	256	1,273	1,529	4,137	1,396	5,533	82	5,910	5,992	...	1,912	1,912
Potatoes, chipper	...	2,700	2,700	1	...	1	...	...	...	...	451	451
Potatoes, seed	...	2	2	223	...	223	...	...	...	...	...	...
Pumpkins	...	56	56	...	8	8	...	72	72	...	60	60
Radishes	...	10	10	...	277	277	...	203	203	...	241	241
Spinach	...	54	54	...	179	179	...	124	124	...	101	101
Squash	...	101	101	...	404	404	...	515	515	...	381	381
Sweet potatoes	...	171	171	...	245	245	...	217	217	...	159	159
Tomatoes	...	1,017	1,017	80	1,522	1,602	13	3,915	3,928	13	983	996
Tomatoes, cherry	...	33	33	...	200	200	...	149	149	...	56	56
Turnips-rutabagas	...	20	20	...	11	11	...	22	22	...	22	22
Vegetables, other [3]	...	...	...	...	...	...	...	22	22	...	43	43
Total	275	10,286	10,561	6,586	13,315	19,901	115	22,399	22,514	14	10,538	10,552
Melons:												
Cantaloups	...	403	403	167	691	858	...	1,393	1,393	...	748	748
Honeydews	...	89	89	75	381	456	...	623	623	...	279	279
Mixed and miscellaneous	...	...	...	11	9	20	...	69	69	...	83	83
Watermelons	...	498	498	...	782	782	...	2,453	2,453	...	795	795
Total	...	990	990	253	1,863	2,116	...	4,538	4,538	...	1,905	1,905
Grand total	275	11,276	11,551	6,839	15,178	22,017	115	26,937	27,052	14	12,443	12,457

[1] Includes Oakland. [2] Estimated percentages of completeness for reported truck arrivals for 1996 are as follows: Atlanta 97, Chicago 92, Los Angeles 90, and San Francisco 88. [3] Not otherwise specified.

AMS, Fruit and Vegetable Division, Market News Branch (202) 720–3343.

Table 4-64.—Vegetables and melons, fresh: Total reported domestic rail, truck, and air shipments, 1996

Commodity	Jan.	Feb.	Mar.	Apr.	May	June	July	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.*
Vegetables:													
Artichokes	31	50	116	90	6	19	5	40	23	46	23	28	477
Asparagus	8	89	232	314	215	79	1	.....	.....	.....	.....	3	941
Beans	74	46	59	160	194	103	.....	.....	9	154	219	173	1,191
Beets	14	12	22	12	5	.....	.....	.....	.....	.....	6	10	81
Broccoli	668	835	662	734	679	595	657	496	587	663	715	743	8,034
Cabbage	1,001	992	1,300	1,058	1,039	515	316	686	670	720	771	1,045	10,113
Carrots	1,284	1,231	1,241	1,316	1,561	1,105	1,041	811	777	857	887	931	13,042
Cauliflower	450	479	378	352	327	311	345	243	309	331	385	449	4,359
Celery	1,313	1,209	1,244	1,247	1,433	1,171	1,239	1,096	1,094	1,353	1,909	1,616	15,924
Chinese cabbage	42	27	26	20	12	1	.....	.....	.....	.....	5	28	161
Corn, sweet	61	105	90	691	1,670	2,172	816	391	219	228	200	215	6,858
Cucumbers	112	12	76	232	863	639	425	602	397	338	506	220	4,422
Eggplant	27	12	13	26	56	42	1	.....	.....	32	56	39	304
Endive	14	12	13	6	4	.....	.....	.....	.....	1	10	21	81
Escarole	16	14	16	10	7	.....	.....	.....	.....	2	12	27	104
Greens	164	217	232	182	70	8	.....	.....	.....	26	183	206	1,288
Lettuce, iceberg	3,689	3,701	3,559	3,847	4,010	3,612	3,622	3,533	3,169	3,429	3,204	3,528	42,903
Lettuce, romaine	682	690	626	593	638	479	551	427	444	436	610	769	6,945
Lettuce, other	317	317	276	314	305	236	250	226	208	235	281	389	3,354
Mixed vegetables	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Okra	2	1	1	3	16	12	5	1	1	7	7	2	58
Onions, dry	3,370	2,582	2,251	2,300	3,509	2,989	3,037	3,062	3,252	3,471	3,117	2,936	35,876
Onions, green	6	6	6	3	3	2	1	.....	1	5	7	6	46
Parsley	9	9	11	8	4	1	.....	.....	.....	1	14	21	78
Peas, other	.....	2	1	2	1	1	.....	.....	.....	.....	.....	.....	7
Peppers, bell	354	206	232	406	556	485	242	76	114	272	591	489	4,023
Peppers, other	68	27	40	50	88	56	5	3	.....	8	36	33	414
Potatoes, table	9,958	8,611	9,033	8,866	9,360	8,979	9,128	8,558	9,110	9,636	9,997	9,597	110,833
Potatoes, chipper	3,640	2,666	3,073	2,515	3,006	1,899	1,164	1,213	1,668	2,617	3,187	2,875	29,523
Potatoes, seed	805	1,157	4,110	9,063	7,373	948	.....	14	29	284	345	334	24,462
Radishes	31	33	40	43	28	2	2	.....	.....	10	49	72	310
Spinach	92	81	74	9	.....	.....	.....	.....	.....	1	17	60	334
Squash	64	71	90	169	151	42	1	.....	2	42	132	100	864
Sweet potatoes	219	208	346	262	202	196	142	179	219	304	665	304	3,246
Tomatoes	1,245	745	447	882	2,123	2,963	2,580	1,886	1,584	2,572	2,620	1,920	21,567
Tomatoes, cherry	18	7	10	17	55	27	5	.....	.....	29	59	58	285
Turnips-rutabagas	5	9	14	8	1	.....	.....	.....	.....	.....	.....	3	40
Vegetables, other[1]	17	37	11	7	8	3	4	4	3	.....	.....	.....	94
Total	29,870	26,508	29,971	35,817	39,578	29,692	25,585	23,547	23,889	28,110	30,825	29,250	352,642
Melons:													
Cantaloups	.....	.....	.....	4	3,017	2,870	790	185	182	761	327	8	8,144
Honeydews	.....	.....	.....	6	405	484	214	89	55	153	128	2	1,536
Mixed and miscellaneous	.....	.....	.....	.....	36	100	48	18	7	6	2	7	224
Watermelons	5	.....	.....	11	4,291	8,340	4,741	2,518	602	38	49	6	20,601
Total	5	.....	.....	21	7,749	11,794	5,793	2,810	846	958	506	23	30,505
Grand total	29,875	26,508	29,971	35,838	47,327	41,486	31,378	26,357	24,735	29,068	31,331	29,273	383,147

[1] Not otherwise specified.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720–3343.

Table 4-65.—Vegetables (fresh), melons, potatoes, sweet potatoes. Per capita civilian utilization (farm-weight basis), United States, 1987–96 [1]

Year	Cabbage	Cucumbers	Tomatoes	Asparagus	Broccoli	Carrots	Head Lettuce	Leaf/romaine
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	9.2	5.1	15.8	.6	3.1	8.3	25.7	2.5
1988	9.1	4.8	16.8	.6	3.8	7.1	27.0	3.2
1989	8.7	4.8	16.8	.6	3.8	8.1	28.8	3.6
1990	8.8	4.7	15.5	.6	3.4	8.3	27.8	3.8
1991	8.5	4.6	15.4	.6	3.1	7.7	26.1	4.0
1992	8.9	5.0	15.5	.6	3.4	8.3	25.9	4.7
1993	9.7	5.3	16.0	.6	2.9	8.2	24.6	4.9
1994	9.7	5.5	16.5	.6	3.9	8.7	24.3	5.2
1995	8.7	5.7	17.2	.6	4.0	9.0	22.5	5.8
1996	9.1	6.0	16.6	.6	4.1	10.2	23.3	6.4

Year	Snap beans	Garlic	Cauliflower	Celery	Sweet Corn	Onions	Spinach	Bell peppers
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	1.2	1.2	2.1	6.6	6.3	13.4	0.6	4.2
1988	1.2	1.1	2.2	7.2	5.8	14.5	0.6	4.5
1989	1.2	1.0	2.3	7.5	6.5	14.8	0.6	4.7
1990	1.1	1.3	2.2	7.2	6.7	15.1	0.8	4.5
1991	1.1	1.5	2.0	6.8	5.9	15.7	0.8	5.1
1992	1.5	1.5	1.8	7.4	6.9	16.2	0.8	5.7
1993	1.5	1.8	1.7	7.1	7.0	16.5	0.8	6.2
1994	1.6	1.9	1.6	6.8	8.2	16.5	0.7	6.5
1995	1.7	1.9	1.4	6.4	7.8	17.6	0.7	6.3
1996	1.4	2.1	1.4	6.3	8.3	17.9	0.6	7.1

Year	Watermelon	Cantaloupe	Honeydew melons	Others [2]	Total vegetables and melons	Potatoes	Sweet potatoes
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	13.0	9.1	2.2	2.2	132.4	47.9	4.4
1988	13.5	7.9	2.4	2.2	135.5	49.6	4.1
1989	13.6	10.4	2.5	2.3	142.6	50.0	4.1
1990	13.3	9.2	2.1	2.1	138.5	45.7	4.6
1991	12.8	8.7	1.9	2.1	134.3	46.4	4.0
1992	14.8	8.5	2.1	2.1	141.6	48.9	4.3
1993	14.6	8.7	1.7	1.9	141.7	49.7	3.9
1994	15.4	8.6	1.8	2.1	146.1	48.6	4.7
1995	15.7	9.2	1.9	1.8	145.9	50.7	4.5
1996	17.4	10.6	2.3	1.8	153.5	48.8	4.6

[1] Fresh vegetable consumption computed for total commercial production for fresh market. Does not include production for home use. Consumption obtained by dividing the total apparent consumption by total July 1 population as reported by the Bureau of the Census. All data for calendar year. [2] Includes artichokes, eggplant, radishes, brussels sprouts and escarole/endive.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5253.

Table 4-66.—Vegetables, canned: United States pack (24/303 basis) of selected items, 1986–91

Year	Asparagus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles	Tomatoes [1]
	1,000 cases	*1,000 cases*	*1,000 cases*	*1,000 cases*	*1,000 cases*	*1,000 cases*	*1,000 cases*	*1,000 cases*	*1,000 cases*
1986	3,154	1,738	48,939	9,042	4,321	55,090	20,919	71,630	38,438
1987	3,361	1,326	56,081	12,127	5,249	59,117	23,057	71,170	44,634
1988	3,846	1,267	46,610	8,519	4,505	50,831	12,494	72,977	50,626
1989	3,060	1,586	60,500	9,175	NA	65,437	24,336	NA	NA
1990	NA	NA	58,750	NA	NA	62,216	24,298	NA	NA
1991 [2]	NA	NA	NA	NA	NA	NA	NA	NA	NA

[1] Data does not include concentrated crushed tomatoes published by California League of Processed Foods. Starting in 1984. [2] Discontinued after 1990. NA-not available.

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Table 4-67.—Vegetables, canning: Per capita utilization (farm weight), United States, 1987–96

Year	Cabbage for kraut	Asparagus	Snap beans	Carrots	Green peas
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	1.6	0.3	3.8	0.9	2.0
1988	1.4	0.3	3.8	1.0	1.8
1989	1.3	0.3	3.9	0.9	1.7
1990	1.2	0.3	3.7	1.1	2.0
1991	1.4	0.3	4.1	1.1	1.9
1992	1.2	0.3	4.0	1.7	2.1
1993	1.4	0.3	4.0	1.0	1.6
1994	1.2	0.2	3.8	1.3	1.5
1995	1.4	0.3	3.5	1.7	1.6
1996 [1]	1.2	0.2	3.8	1.6	1.5

Year	Tomatoes	Corn	Pickles	Other [2]	Total [3]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	65.2	10.6	5.5	5.7	95.6
1988	61.3	10.4	5.3	6.0	91.3
1989	69.4	9.5	5.2	6.5	98.7
1990	75.4	11.0	5.0	7.5	107.2
1991	77.4	11.1	5.1	7.3	109.7
1992	73.7	11.9	4.6	8.6	108.1
1993	76.4	11.2	4.4	8.4	108.7
1994	73.6	10.2	4.7	7.5	104.0
1995	75.6	10.5	5.2	6.8	106.6
1996 [1]	74.2	10.5	4.2	8.2	105.4

[1] Preliminary. [2] Includes beets, chile peppers (all uses),green lima beans and spinach. [3] Totals may not add due to rounding.

ERS, Specialty Crops Branch, (202) 694–5253.

Table 4-68.—Vegetables, frozen: Commercial pack, United States, 1987–96

Commodity	1987	1988	1989	1990	1991
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Artichokes	1,451	1,052	1,542	1,326	1,273
Asparagus	16,725	18,055	19,741	17,737	13,595
Beans, butter	5,713	6,373	7,389	8,148	9,528
Beans, green, regular cut	159,027	145,187	237,853	221,768	221,306
Beans, green, French cut	67,297	65,138	73,682	85,994	62,437
Beans, green, wax	4,379	5,465	7,6659,311	9,311	8,048
Beans, green, Italian	24,819	20,519	29,712	27,160	22,866
Beans, whole	26,426	25,661	31,641	34,938	33,634
Beans, baby lima	75,399	82,347	103,648	132,976	72,931
Beans, lima, Fordhook	26,951	20,911	17,086	12,777	17,058
Broccoli	312,460	289,446	290,566	258,755	174,470
Brussels sprouts	45,660	49,787	46,557	38,482	34,619
Carrots	294,596	294,673	358,848	328,781	318,001
Cauliflower	77,758	78,762	109,822	80,081	69,229
Celery	21,640	24,817	31,029	38,451	28,383
Collards	17,930	15,204	17,855	20,676	15,968
Corn, cut	433,158	423,339	502,980	518,330	553,499
Corn-on-cob	406,859	345,869	436,301	450,490	440,540
Kale	4,792	2,862	4,208	4,196	4,645
Mushrooms	37,372	32,713	35,084	24,909	26,143
Mustard greens	11,556	9,266	12,329	10,027	10,710
Okra	70,472	65,708	60,005	64,748	66,295
Onions	185,191	198,916	208,762	78,331	83,200
Peas, blackeye	29,003	30,158	33,500	30,414	27,277
Peas, green	400,231	358,779	469,404	482,910	488,467
Peppers, green and red	23,043	29,673	30,735	36,585	47,313
Potato products	5,287,634	5,763,671	5,998,312	6,358,968	6,498,915
Pumpkin and cooked squash	30,393	23,870	21,538	22,445	20,782
Rhubarb	6,211	8,082	8,730	9,116	7,458
Spinach	171,208	172,849	159,891	211,784	141,644
Squash, summer	70,999	69,961	74,716	69,631	49,448
Sweet potatoes and yams	11,871	20,044	26,380	19,772	12,370
Turnip greens	17,205	17,003	17,024	17,972	16,646
Turnip greens with turnips	16,513	21,919	24,563	19,603	19,005
Miscellaneous vegetables	8,291	12,608	11,399	16,378	16,877
Total	8,400,233	8,704,667	9,520,497	9,763,970	9,634,580

Commodity	1992	1993	1994	1995	1996
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Artichokes	1,142	733	1,364	.....	.....
Asparagus	16,525	14,522	14,967	13,985	10,364
Beans, butter	3,906	3,642	7,491	7,664	4,577
Beans, green, regular cut	187,377	203,333	239,059	208,246	232,711
Beans, green, French cut	49,704	69,478	71,104	70,144	65,041
Beans, green, wax	6,897	6,091	9,144	7,120	7,592
Beans, green, Italian	20,061	18,639	25,197	17,267	17,711
Beans, whole	42,622	33,811	41,173	53,538	50,517
Beans, baby lima	44,592	66,464	95,695	101,295	85,053
Beans, lima, Fordhook	15,129	13,322	18,942	20,489	22,645
Broccoli	168,518	165,183	151,150	205,471	138,387
Brussels sprouts	42,805	46,950	34,393	25,519	30,154
Carrots	371,232	403,174	412,709	418,816	397,967
Cauliflower	70,317	73,335	66,878	64,207	48,541
Celery	27,161	36,668	34,334	32,279	40,343
Collards	15,981	17,714	20,871	17,647	17,709
Corn, cut	548,749	473,105	686,140	694,110	646,389
Corn-on-cob	375,666	377,657	492,522	414,662	383,840
Kale	4,106	4,010	3,212	3,664	2,671
Mushrooms	26,536	21,535	27,200	26,778	23,219
Mustard greens	7,928	12,311	9,987	10,302	11,294
Okra	61,738	34,593	65,114	64,810	60,847
Onions	85,222	91,576	100,138	99,639	111,021
Peas, blackeye	27,195	25,582	33,427	29,352	22,901
Peas, green	465,375	391,943	499,744	505,350	369,390
Peppers, green and red	57,935	46,331	42,787	54,155	44,858
Potato products	6,798,442	7,252,774	7,934,849	8,364,909	8,419,203
Pumpkin and cooked squash	21,534	24,196	27,356	28,097	20,058
Rhubarb	6,426	10,081	7,525	8,228	6,910
Spinach	184,642	167,147	204,495	185,640	182,999
Squash, summer	58,184	57,366	58,050	54,957	42,387
Sweet potatoes and yams	19,456	16,234	19,506	14,127	14,532
Turnip greens	14,213	17,666	19,834	18,203	19,112
Turnip greens with turnips	18,290	23,776	21,998	17,041	19,568
Miscellaneous vegetables	14,964	15,164	38,575	41,004	36,715
Total	9,880,573	10,236,106	11,536,930	11,898,715	11,230,809

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Table 4-69.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1996

Commodity	East and South [1]	Midwest [2]	West [3]	Northwest [4]	California	Total
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Artichokes	...	...	...	...	...	NA
Asparagus	...	4,743	5,621	...	...	10,364
Beans, butter	4,577	...	...	...	...	4,577
Beans, green, regular cut	72,616	67,302	92.793	...	...	232,711
Beans, green, French cut	20,359	12,521	32,161	...	...	65,041
Beans, wax	...	4,195	3,397	...	...	7,592
Beans, green, Italian	...	6,395	11,316	...	...	17,711
Beans, whole	...	18,042	32,475	...	...	50,517
Beans, baby	...	31,028	...	20,747	33,278	85,053
Beans, lima, Fordhook	...	...	22,645	...	...	22,645
Broccoli	23,435	...	114,952	...	...	138,387
Brussels sprouts	...	...	30,154	...	...	30,154
Carrots	50,605	47,227	300,135	...	...	397,967
Cauliflower	...	...	...	...	48,541	48,541
Celery	...	...	...	...	...	40,343
Collards	...	...	...	...	...	17,709
Corn, cut	92,542	151,871	401,976	...	...	646,389
Corn-on-cob	...	126,473	257,367	...	...	383,840
Kale	...	...	...	...	...	2,671
Mustard greens	...	...	...	...	...	11,294
Okra	...	...	...	...	...	60,847
Onions [11]	...	...	...	...	...	111,021
Peas, blackeye	...	...	...	...	...	22,901
Peas, green	60,020	96,844	212,526	...	...	369,390
Peppers, green and red	15,386	...	29,472	...	...	44,858
Potato products	...	1,726,071	6,683,060	...	10,072	8,419,203
Pumpkins and cooked squash	...	...	...	...	...	20,058
Rhubarb	...	...	6,910	...	...	6,910
Spinach	73,896	...	...	...	109,103	182,999
Squash, summer	...	...	...	...	...	42,387
Sweet potatoes and yams	14,532	...	...	...	...	14,532
Turnip greens	...	...	...	...	...	19,112
Turnip greens with turnips	...	...	...	...	...	19,568
Mushrooms	...	...	...	...	...	23,219
Miscellaneous vegetables	...	...	...	...	...	36,715

[1] 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. [2] Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin. [3] California, Colorado, Idaho, Montana, Oregon, Washington, and Wyoming. [4] Idaho, Oregon, and Washington. [5] South and Northwest. [6] East, South, and West. [7] Midwest and West. [8] East, South, Midwest, and West. [9] East, South, and Midwest. [10] Regional packs not reported. [11] Excludes breaded, battered, and extruded onion rings.

ERS, Specialty Crops Branch, (202) 694–5253. Data from American Frozen Food Institute.

Table 4-70.—Vegetables, freezing: Per capita utilization consumption (farm weight basis), United States, 1987–96

Year	Leafy, green, and yellow vegetables				
	Asparagus	Snap beans	Carrots	Peas	Broccoli
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	.1	1.7	2.1	1.7	2.2
1988	.1	1.7	2.3	1.9	2.4
1989	.1	2.0	2.5	2.0	2.2
1990	.1	1.9	2.3	2.2	2.2
1991	.1	1.8	2.4	2.3	2.3
1992	.1	1.7	2.3	2.0	2.4
1993	.1	1.8	2.8	1.9	2.3
1994	.1	2.0	2.8	2.2	2.3
1995	.1	1.7	2.5	2.1	2.6
1996 [1]	.1	1.4	2.8	1.9	2.6

Year	Cauliflower	Sweet Corn	Other [2]	Total vegetables excluding potatoes	Potato products	Grand total
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	.9	7.8	2.6	19.1	47.9	67.0
1988	.9	8.7	2.9	20.9	43.3	64.2
1989	.8	8.4	2.8	20.8	46.8	67.6
1990	.8	8.6	2.2	20.3	50.2	70.5
1991	.6	9.4	2.6	21.5	51.3	72.8
1992	.7	9.0	2.4	20.6	51.0	71.6
1993	.7	9.8	2.8	22.2	54.5	76.7
1994	.6	9.2	2.9	22.1	59.3	81.4
1995	.6	10.5	2.8	22.9	55.3	78.2
1996 [1]	.5	10.5	3.2	23.5	59.8	83.3

[1] Preliminary. [2] Includes green lima beans, spinach, and miscellaneous freezing vegetables.

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Table 4-71.—Commercially produced vegetables: Per capita utilization, United States, 1987–96 [1]

Year	Farm weight equivalent					Percentage of annual total			
	Total fresh and processed	Fresh [2]	Processed [3]			Fresh	Processed		
			Total	Canning	Freezing		Total	Canning	Freezing
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Percent*	*Percent*	*Percent*	*Percent*
1987	247.1	132.4	114.7	95.6	19.1	53.6	46.4	38.7	7.7
1988	247.7	135.5	112.2	91.3	20.9	54.7	45.3	36.9	8.4
1989	262.1	142.6	119.5	98.7	20.8	54.4	45.6	37.7	7.9
1990	266.0	138.5	127.5	107.2	20.3	52.1	47.9	40.3	7.6
1991	265.5	134.3	131.2	109.7	21.5	50.6	49.4	41.3	8.1
1992	270.3	141.6	128.7	108.1	20.6	52.4	47.6	40.0	7.6
1993	272.6	141.7	130.9	108.7	22.2	52.0	48.0	39.9	8.1
1994	272.2	141.8	126.1	104.0	22.1	53.7	46.3	38.2	8.1
1995	275.0	145.9	129.1	106.6	22.9	53.1	46.9	38.7	8.2
1996	282.4	153.5	128.9	105.4	23.5	54.4	45.6	37.3	8.3

[1] Excludes potatoes, sweet potatoes, pulses, dehydrating onions, and mushrooms. [2] See table 4-64 for items included. Includes melons. [3] See tables 4-66 and 4-65 for items included.

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Table 4-72.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1996 and 1997

Month	Asparagus		Green beans, regular cut		Green beans, French cut		Green beans, total	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	9,920	7,431	152,596	138,782	40,218	39,854	192,814	178,636
February	8,878	6,538	136,142	114,179	36,426	33,824	172,568	148,003
March	7,908	6,522	116,391	100,703	32,267	27,817	148,658	128,520
April	7,678	6,518	93,142	87,688	28,384	24,967	121,526	112,655
May	10,901	8,234	68,228	72,652	24,628	21,711	92,856	94,363
June	14,001	12,276	56,802	65,454	23,422	19,454	80,224	84,908
July	13,977	11,765	101,143	126,000	34,706	30,250	135,849	156,250
August	11,067	10,145	202,969	233,167	47,901	40,777	250,870	273,944
September ..	9,637	9,078	227,779	252,742	54,354	43,847	282,133	296,589
October	8,658	8,442	203,538	243,742	52,374	39,755	255,912	283,497
November ...	8,431	7,890	181,385	217,985	45,996	37,821	227,381	255,806
December ...	8,353	6,908	161,433	197,009	41,174	33,652	202,607	230,661

Month	Broccoli spears		Broccoli, chopped & cut		Broccoli, total		Brussels sprouts	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	31,889	19,650	100,577	85,289	132,466	104,939	17,356	18,683
February	38,445	21,018	126,343	78,241	164,788	99,259	14,857	16,899
March	33,893	23,411	107,296	78,591	141,189	102,002	12,468	14,075
April	29,935	27,006	103,863	95,424	133,798	122,430	10,867	11,876
May	32,106	20,737	106,248	91,399	138,354	112,136	9,899	9,056
June	29,432	20,283	121,451	88,132	150,883	108,415	9,533	7,975
July	31,390	21,357	115,240	97,610	146,630	118,967	8,661	8,042
August	33,204	19,196	113,665	99,845	146,869	119,041	8,368	9,029
September ..	28,865	18,453	109,838	96,490	138,703	114,943	7,909	11,033
October	22,778	17,941	105,255	88,102	128,033	106,043	12,645	15,381
November ...	20,148	17,778	92,263	93,874	112,411	111,652	16,233	17,489
December ...	22,101	20,519	98,870	91,792	120,971	112,311	16,314	19,926

Month	Fordhook lima beans		Baby lima beans		Mixed vegetables		Okra	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	15,722	14,282	37,561	38,775	55,134	53,380	37,358	26,616
February	14,043	12,753	35,400	39,520	54,492	53,488	42,900	25,475
March	12,196	11,677	30,535	30,056	51,152	50,116	28,154	21,321
April	10,265	11,050	24,521	24,459	51,999	53,511	22,893	16,499
May	9,138	9,948	22,568	21,732	64,319	48,365	20,989	12,992
June	10,129	9,486	23,221	18,564	67,031	50,803	23,902	18,711
July	8,321	8,432	16,355	14,717	66,564	51,239	34,914	43,328
August	14,510	19,280	21,924	23,880	50,855	48,761	39,705	51,055
September ..	19,242	22,948	50,427	51,864	55,609	53,411	40,572	59,303
October	18,387	19,601	62,692	59,988	51,928	49,672	39,310	62,294
November ...	17,278	18,251	55,442	68,186	56,384	49,458	34,873	58,562
December ...	15,209	17,231	44,036	54,990	54,208	45,744	28,576	52,230

Month	Carrots, diced		Carrots, other		Carrots, total		Cauliflower	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	77,790	78,506	205,559	167,177	283,349	245,683	62,052	54,140
February	70,021	75,896	194,044	158,144	264,065	234,040	58,410	50,528
March	61,755	76,584	174,813	141,415	236,568	217,999	53,273	46,519
April	53,151	68,284	168,662	133,345	221,813	201,629	49,129	40,806
May	47,625	53,289	140,542	114,488	188,167	167,777	42,889	34,969
June	40,460	49,245	136,788	112,925	177,248	162,170	38,355	32,785
July	39,441	41,687	115,976	108,177	155,417	149,864	33,119	29,454
August	30,334	37,693	130,136	122,091	160,470	159,784	33,960	29,820
September ..	36,069	28,132	151,510	145,117	187,579	173,249	35,165	33,520
October	56,284	51,223	180,988	194,528	237,272	245,751	48,167	37,307
November ...	95,333	84,028	202,165	243,987	297,498	328,015	47,354	46,693
December ...	92,298	80,804	189,493	220,066	281,791	300,870	54,618	58,512

See end of table.

Table 4-72.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1996 and 1997—Continued

Month	Corn, cut		Corn, cob		Corn, total		Onion rings	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	328,732	307,573	255,474	257,963	584,206	565,536	11,565	11,058
February	280,183	266,989	211,374	221,735	491,557	488,724	12,992	11,285
March	224,071	213,951	162,331	201,205	386,402	415,156	12,299	10,237
April	179,520	172,666	149,641	161,205	329,161	333,871	11,029	7,635
May	152,733	136,005	106,661	128,531	259,394	264,536	10,941	8,080
June	129,818	100,766	85,735	102,961	215,553	203,727	10,831	8,499
July	112,371	85,924	75,864	78,770	188,235	164,694	8,527	12,242
August	190,210	261,226	141,805	175,508	332,015	436,734	9,171	8,999
September	389,823	425,241	327,053	298,635	716,876	723,876	8,719	9,176
October	452,386	468,974	375,758	329,969	828,144	798,943	8,854	10,285
November	386,691	437,505	349,040	309,459	735,731	746,964	10,525	10,807
December	352,378	403,578	293,046	274,261	645,424	677,839	10,040	11,031

Month	Onions, other		Blackeye peas		Green peas		Peas & carrots mixed	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	35,819	29,255	7,964	7,013	245,525	174,706	8,873	5,973
February	31,784	32,227	7,110	6,861	208,558	144,706	8,660	5,714
March	32,782	31,811	6,111	5,809	163,820	111,692	8,917	5,706
April	27,670	29,693	4,684	4,740	147,794	95,440	7,853	6,559
May	29,200	28,061	3,535	3,426	133,570	73,375	8,472	5,534
June	27,511	29,314	3,529	2,952	163,293	137,612	8,340	6,840
July	27,536	28,520	4,374	3,948	279,556	300,102	7,626	7,751
August	27,659	27,336	9,184	4,450	324,942	321,298	8,571	6,043
September	30,288	26,908	10,688	8,185	305,164	339,697	9,916	8,467
October	27,889	29,831	14,172	10,920	277,076	306,008	7,122	7,717
November	32,261	30,513	11,550	12,085	243,530	249,048	8,230	6,836
December	30,481	31,187	9,795	9,344	208,357	219,533	6,731	5,760

Month	Spinach		Squash		Southern greens		Other vegetables	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	62,915	40,335	54,558	50,922	21,586	27,277	270,500	292,240
February	64,093	34,646	44,109	45,406	23,843	30,252	282,658	263,188
March	64,395	50,695	38,781	40,881	25,581	19,107	260,963	233,540
April	84,706	76,390	35,379	38,157	26,171	15,847	246,234	252,130
May	89,430	98,832	40,086	40,710	32,163	20,179	254,531	249,707
June	86,281	104,073	44,785	48,184	32,363	16,681	235,880	253,158
July	75,092	96,053	53,735	65,058	15,677	19,103	245,631	240,182
August	66,409	84,538	60,544	80,177	13,420	16,264	310,840	258,413
September	56,344	73,752	64,862	75,904	11,490	13,600	330,670	284,636
October	53,273	75,554	69,436	78,625	9,776	15,629	338,565	287,770
November	49,277	75,454	64,026	79,117	19,239	18,665	340,387	304,631
December	47,868	67,092	58,749	75,397	26,936	20,771	314,640	285,670

Month	Total vegetables		French fries		Other frozen potatoes		Total frozen potatoes	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	2,147,243	1,946,880	931,840	920,427	215,384	191,112	1,147,224	1,111,539
February	2,005,765	1,749,512	953,112	968,552	219,431	211,592	1,172,543	1,180,144
March	1,722,152	1,553,441	942,311	970,952	222,310	206,153	1,164,621	1,177,105
April	1,575,170	1,461,895	899,378	979,237	212,730	216,599	1,112,108	1,195,836
May	1,461,402	1,312,012	866,937	973,498	209,507	239,800	1,076,444	1,213,298
June	1,422,893	1,317,133	839,525	1,021,910	220,185	249,462	1,059,710	1,271,372
July	1,525,796	1,529,711	706,761	985,027	200,341	229,273	907,102	1,214,300
August	1,901,353	1,988,991	760,996	906,393	196,778	224,388	957,774	1,130,781
September	2,371,993	2,390,139	920,915	1,044,818	203,955	225,138	1,124,870	1,269,956
October	2,497,311	2,509,258	1,030,995	1,124,383	194,228	230,320	1,225,223	1,354,703
November	2,388,041	2,496,122	962,240	1,095,156	184,054	218,311	1,146,294	1,313,467
December	2,185,704	2,303,007	921,248	973,954	177,173	189,593	1,098,421	1,163,547

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Table 4-73.—Watermelon for fresh market: Area, production, and value per hundredweight, by States, 1995–97

State	Area harvested			Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AL	8,000	9,500	6,500	544	893	553	7.30	4.00	6.10
AZ	7,200	7,300	7,500	1,800	2,154	2,325	11.40	7.17	7.77
AR	2,400	2,600	2,500	240	286	375	8.00	6.00	5.00
CA	17,200	17,100	18,200	6,364	7,524	8,190	14.30	10.50	10.90
DE	1,600	1,800	1,700	560	630	646	8.40	5.20	5.20
FL	33,000	34,000	30,000	8,250	7,140	7,500	7.60	7.00	7.30
GA	35,000	36,000	31,000	8,225	8,100	6,510	6.60	4.00	5.50
IN	6,600	7,200	6,800	1,749	2,088	1,972	5.70	4.61	5.86
LA	2,500	2,300	2,100	275	460	294	6.60	5.10	7.00
MD	2,800	2,400	2,500	364	384	750	10.00	9.00	8.00
MS	6,500	6,400	5,800	488	576	348	7.70	4.65	6.10
MO	5,400	5,600	4,700	1,323	1,400	1,128	6.05	3.16	4.88
NC	9,300	10,000	9,500	1,488	1,450	1,425	6.10	4.50	5.50
OK	9,000	11,000	9,000	882	1,034	900	7.00	5.90	6.50
SC	9,100	9,500	8,500	1,047	1,045	1,275	5.00	4.00	6.50
TX	47,500	44,000	37,500	6,650	8,800	6,375	10.10	5.47	7.92
Total	203,100	206,700	183,800	40,249	43,964	40,566	8.79	6.21	7.55
HI	780	760	800	195	171	168	16.00	16.50	18.00
US	203,880	207,460	184,600	40,444	44,135	40,734	8.83	6.25	7.59

[1] Preliminary.

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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 of fruit harvested plus quantities which would have been acceptable for fresh market or processing but were not harvested or utilized because of economic and other reasons. Utilized production is the amount sold plus the quantities used on farms where grown and quantities held in storage. The difference between total and utilized production is the quantity of marketable fruit not harvested and fruit harvested but not sold or utilized because of economic and other reasons. 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 marketing year 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 5-1.—Fruits and planted nuts: Bearing area, United States, 1988–97

Year	Citrus fruits [1]	Major deciduous fruits [2]	Miscellaneous fruits [3]	Planted nuts [4]	Fruits and planted nuts
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*
1988	832.9	1,730.4	264.6	686.3	3,514.2
1989	847.5	1,714.1	258.7	686.6	3,506.9
1990	851.8	1,709.5	252.0	691.4	3,504.7
1991	849.9	1,701.8	247.3	687.4	3,486.4
1992	886.1	1,721.2	299.3	680.0	3,586.6
1993	947.4	1,733.4	294.9	680.4	3,656.1
1994	978.1	1,736.5	295.1	683.4	3,693.0
1995	1,055.1	1,728.8	288.8	676.4	3,749.2
1996	1,103.2	1,739.4	286.9	685.9	3,815.3
1997 [5]	1,150.1	1,746.3	225.1	703.1	3,824.5

[1] Oranges, tangerines, Temples, grapefruit, lemons, limes, tangelos, and K-Early citrus. Area is for the year of harvest. [2] Commercial apples, apricots, cherries, grapes, nectarines, peaches, pears, plums, and prunes. [3] Avocados, bananas, berries (after 1991), cranberries, dates, figs, guavas (after 1987), kiwifruit, olives, papayas, pineapples, and strawberries. [4] Almonds, hazelnuts, macadamia nuts, pistachios, and walnuts. [5] Preliminary. Avocados and guavas not included.

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Table 5-2.—Fruits: Production in tons, United States, 1988–97 [1]

Year	Apples, commercial crop [2]	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*
1988	4,560	1,311	860	6,034	304	739	102	56	88
1989	4,958	1,181	916	5,931	326	1,018	120	48	123
1990	4,828	1,121	962	5,660	261	734	122	50	132
1991	4,853	1,348	903	5,556	244	831	96	45	65
1992	5,284	1,336	923	6,052	373	829	106	47	165
1993	5,342	1,330	948	6,023	330	588	97	61	122
1994	5,750	1,257	1,046	5,874	359	879	153	57	84
1995	5,293	1,151	948	5,922	363	925	61	52	78
1996	5,196	1,058	821	5,554	290	1,175	79	46	166
1997 [3]	5,113	1,326	1,044	6,836	367	1,096	138	49	104

Year	Oranges [4]	Tangerines [4]	Grapefruit [4]	Lemons [4]	K-Early Citrus [4]	Limes [4]	Tangelos [4]	Temples [4]	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*	*1,000 tons*
1988	8,551	218	2,801	785	.....	57	189	160	590	659
1989	8,949	239	2,844	759	.....	55	171	169	571	580
1990	7,745	164	1,978	706	.....	72	132	63	627	575
1991	7,848	166	2,256	719	.....	64	119	113	683	555
1992	8,909	260	2,224	766	.....	70	117	106	667	550
1993	10,992	247	2,791	942	8	44	137	113	724	370
1994	10,329	318	2,661	984	9	9	150	101	825	365
1995	11,432	287	2,912	897	5	10	142	114	801	345
1996	11,427	349	2,718	992	7	14	110	97	814	347
1997 [3]	12,827	418	2,888	859	7	14	178	108	816	324

Year	Avocados [5]	Nectarines	Cranberries	Bananas	Kiwifruit	Dates	Papayas [6]	Pomegranates	Guavas	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*
1988	193	217	204	7	33	22	35	20	9	28,803
1989	139	220	187	6	40	22	37	19	10	29,637
1990	156	232	170	6	39	24	34	([7])	12	24,822
1991	185	215	211	6	30	22	28	([7])	11	27,171
1992	292	236	208	6	52	21	36	([7])	7	29,641
1993	144	205	196	6	49	29	32	([7])	8	31,875
1994	175	242	234	7	39	23	31	([7])	9	31,970
1995	190	176	210	7	38	23	25	([7])	8	32,415
1996	189	247	234	7	32	26	21	([7])	8	32,024
1997 [3]	NA	264	274	7	39	26	21	([7])	NA	35,142

[1] For some crops in certain years, production includes some quantities unharvested for economic reasons or excess cullage fruit. [2] Estimates of the commercial crop refer to production in orchards of 100 or more bearing-age trees. [3] Preliminary. [4] Year harvest was complete. [5] Year of bloom. [6] Total production and yield were not estimated for the 1988 and 1989 crops. [7] Estimates discontinued after 1989 crop. NA-not available.

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Table 5-3.—Apples, commercial crop:[1] Production and season average price per pound, by States, 1995–97

State	Total production			Utilized production			Price[3] for crop of—		
	1995	1996	1997[2]	1995	1996	1997[2]	1995	1996	1997[2]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Dollars*	*Dollars*	*Dollars*
AZ	11.0	100.0	45.0	11.0	100.0	44.1	0.071	0.124	0.107
AR	10.0	7.0	9.0	9.5	6.5	8.9	0.143	0.180	0.278
CA	850.0	950.0	975.0	850.0	950.0	975.0	0.183	0.166	0.181
CO	55.0	25.0	35.0	51.0	24.0	34.0	0.145	0.202	0.253
CT	20.5	20.0	23.5	20.0	20.0	23.0	0.276	0.324	0.337
DE	15.0	15.0	.....	15.0	15.0	.....	0.125	0.185	.....
GA	30.0	22.0	26.0	26.0	21.0	25.0	0.164	0.170	0.142
ID	80.0	190.0	130.0	80.0	190.0	130.0	0.174	0.136	0.179
IL	80.0	53.0	78.0	71.0	51.0	71.0	0.210	0.290	0.175
IN	75.0	48.0	50.0	70.0	46.0	48.0	0.197	0.268	0.254
IA	10.0	9.5	11.1	9.0	8.6	6.3	0.303	0.313	0.294
KS	6.5	2.0	10.0	5.0	1.8	8.9	0.305	0.258	0.193
KY	17.0	15.0	14.0	12.5	13.6	12.4	0.255	0.316	0.260
ME	65.0	67.0	64.0	62.0	65.0	64.0	0.179	0.202	0.194
MD	35.0	29.0	35.0	34.0	27.5	33.5	0.131	0.156	0.168
MA	65.0	58.0	63.5	60.0	56.5	62.0	0.208	0.262	0.214
MI	1,220.0	700.0	1,050.0	1,220.0	700.0	1,050.0	0.099	0.126	0.111
MN	22.0	21.0	22.0	18.8	18.8	17.5	0.403	0.460	0.443
MO	38.0	32.0	42.0	37.0	32.0	39.5	0.160	0.233	0.172
NH	44.0	38.0	40.0	42.0	37.0	39.0	0.203	0.229	0.220
NJ	75.0	60.0	65.0	72.0	58.0	65.0	0.159	0.151	0.128
NM	3.0	5.0	9.0	3.0	5.0	9.0	0.298	0.312	0.306
NY	1,110.0	1,030.0	1,120.0	1,110.0	1,030.0	1,120.0	0.121	0.135	0.129
NC	270.0	200.0	152.0	270.0	200.0	150.0	0.084	0.120	0.112
OH	120.0	90.0	65.0	120.0	90.0	65.0	0.200	0.266	0.245
OR	140.0	156.0	155.0	140.0	156.0	155.0	0.116	0.091	0.163
PA	500.0	391.0	475.0	493.0	391.0	475.0	0.095	0.129	0.112
RI	4.5	6.0	6.5	4.0	5.4	6.0	0.301	0.259	0.273
SC	60.0	30.0	55.0	55.0	28.0	53.0	0.126	0.138	0.115
TN	16.0	11.0	10.0	12.6	9.8	8.5	0.215	0.241	0.247
UT	20.0	48.0	40.0	19.0	44.0	39.0	0.188	0.136	0.110
VT	45.0	37.5	40.0	41.0	37.0	39.0	0.181	0.187	0.192
VA	400.0	275.0	250.0	392.0	260.0	240.0	0.099	0.116	0.120
WA	4,850.0	5,500.0	4,900.0	4,750.0	5,500.0	4,900.0	0.215	0.166	0.187
WV	165.0	105.0	105.0	155.0	100.0	100.0	0.110	0.111	0.101
WI	57.5	46.0	56.0	49.5	41.5	52.0	0.241	0.324	0.294
US	10,585.0	10,392.0	10,226.6	10,389.9	10,340.0	10,168.6	0.170	0.159	0.166

[1] In orchards of 100 or more bearing-age trees. [2] Preliminary. [3] Fresh fruit prices are equivalent packinghouse-door returns for CA, NY, OR, and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

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Table 5-4.—Apples: Production and value, United States, 1988–97

Year	Apples, commercial crop[1]			
	Total production	Utilized production	Marketing year average price[2]	Value
	Million pounds	*Million pounds*	*Cents per pound*	*1,000 dollars*
1988	9,120.0	9,070.4	12.7	1,147,802
1989	9,916.8	9,871.4	10.4	1,024,557
1990	9,656.8	9,618.2	15.1	1,447,660
1991	9,706.7	9,636.8	17.9	1,727,013
1992	10,568.5	10,463.3	13.6	1,428,012
1993	10,684.8	10,573.9	12.9	1,363,944
1994	11,500.5	11,331.4	12.9	1,467,093
1995	10,585.0	10,389.9	17.0	1,765,582
1996	10,392.0	10,340.0	15.9	1,644,226
1997[3]	10,226.6	10,168.6	16.6	1,687,974

[1] In orchards of 100 or more bearing-age trees. [2] Fresh fruit prices are equivalent returns at packinghouse-door for CA, NY, OR, and WA, and for other States, returns at point of first sale. Processing prices are equivalent returns at processing plant door. [3] Preliminary.

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Table 5-5.—Apples, fresh (dessert and cooking): Production in specified countries, 1994/95–1996/97 [1]

Continent and country	1994/95	1995/96	1996/97 [2]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	553.5	608.2	483.4
Mexico	488.0	413.2	426.7
United States	5,216.5	4,801.3	4,713.7
Total	6,258.0	5,822.7	5,623.8
South America:			
Argentina	1,146.0	1,253.5	1,401.7
Chile	860.0	910.0	920.0
Total	2,006.0	2,163.5	2,321.7
European Union:			
Austria [2]	286.7	324.2	316.2
Belgium and Luxembourg	527.7	513.9	298.6
Denmark	77.5	65.0	65
France	2,166.3	2,088.5	2,047.4
Germany	2,079.6	1,372.6	1,878.1
Greece	322.0	300.6	350.0
Italy	2,153.0	1,889.0	2,025.0
Netherlands	590.0	595.0	490.0
Spain	739.4	842.9	893.6
Sweden [2]	70.0	67.5	67.6
United Kingdom	275.9	198.7	194.3
Total EC	9,288.1	8,257.9	8,625.8
Other Europe:			
Bulgaria	109.9	76.5	80.0
Hungary	819.0	610.0	353.0
Norway	45.3	52.6	43.2
Russia	1,154.0	1,094.0	1,775.0
Turkey	2,095.0	2,100.0	2,200.0
Total	3,294.3	3,246.6	4,018.2
Total Europe	12,582.4	11,504.5	12,644.0
Africa:			
South Africa, Rep	576.7	702.5	639.0
Total	576.7	702.5	639.0
Asia:			
China	11,125.0	14,007.7	17,040.0
Japan	989.3	963.3	899.2
Taiwan	8.5	9.5	8.3
Total	12,122.8	14,980.5	17,947.5
Oceania:			
Australia	345.0	279.0	369.0
New Zealand	480.7	546.0	569.0
Total	825.7	825.0	938.0
Total specified countries	34,371.6	35,998.7	40,114.0

[1] May include some cider varieties in countries not reporting separately. [2] Austria and Sweden are now members of the European Union.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. 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 5-6.—Apples, commercial crop: Production and utilization, United States, 1988–97

Crop of—	Total production	Utilized production	Utilization of quantities sold				
			Fresh [1]	Processed (fresh basis)			
				Canned	Dried	Frozen	Other [2 3]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1988	9,120.0	9,070.4	5,230.3	1,399.1	285.0	265.7	1,890.3
1989	9,916.8	9,871.4	5,822.3	1,320.4	282.4	321.5	2,124.8
1990	9,656.8	9,618.2	5,515.0	1,378.3	270.3	303.8	2,150.8
1991	9,706.7	9,636.8	5,447.0	1,311.1	299.2	286.4	2,293.1
1992	10,568.5	10,463.3	5,767.0	1,498.1	324.2	246.6	2,627.4
1993	10,684.8	10,573.9	6,123.9	1,334.8	366.4	281.5	2,467.3
1994	11,500.5	11,331.4	6,366.2	1,405.7	414.6	304.4	2,840.5
1995	10,585.0	10,389.9	5,843.1	1,292.0	333.7	304.9	2,616.2
1996	10,392.0	10,340.0	6,215.4	1,294.2	316.6	267.8	2,246.0
1997 [4]	10,226.6	10,168.6	NA	NA	NA	NA	NA

[1] Includes "Home use." [2] Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included. [3] Includes the following quantities of juice and cider (million pounds): 1988—1,823.6; 1989—2,068.1; 1990—2,076.8, 1991—2,193.6; 1992—2,472.0; 1993—2,382.3; 1994—2,707.2; 1995—2,538.2. [4] Preliminary. NA-not available.

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Table 5-7.—Apples, commercial crop: Production and utilization, by States, crop of 1996

State	Total production	Utilized production	Utilization					
			Fresh [1]	Processed (fresh basis)				
				Canned	Dried	Frozen	Juice and cider	Other [2]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
CA	950.0	950.0	350.0	97.0	...	...	418.0	...
MI	700.0	700.0	225.0	200.0	...	125.0	140.0	10.0
NY	1,030.0	1,030.0	500.0	300.0	...	35.0	182.0	13.0
OR	156.0	156.0	100.0	...	...	...	35.0	...
PA	391.0	391.0	135.0	202.0	...	...	50.0	...
VA	275.0	260.0	90.0	...	...	...	...	...
WA	5,500.0	5,500.0	4,100.0	190.0	...	...	920.0	...
WV	105.0	100.0	20.0	45.0	...	...	22.0	...
Other States [3]	1,285.0	1,253.0	695.4	260.2	...	107.8	417.8	38.2
US	10,392.0	10,340.0	6,215.4	1,294.2	316.6	267.8	2,184.8	61.2

[1] Includes "Home use." [2] Mostly vinegar, wine, and fresh silices for pie making. [3] AZ, AR, CO, CT, DE, GA, ID, IL, IN, IA, KS, KY, ME, MD, MA, MN, MO, NH, NJ, NM, NC, OH, RI, SC, TN, UT, VT, and WI.

NASS, Crops Branch, (202) 720–2127.

Table 5-8.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1994/95–1996/97

Country	Year beginning July		
	1994/95	1995/96	1996/97
Exports	*Metric tons*	*Metric tons*	*Metric tons*
Europe:			
Finland	3,190	4,523	4,409
France	1,684	0	19
Iceland	1,954	1,589	1,635
Ireland	2,283	1,554	1,454
Netherlands	2,055	832	769
Norway	189	514	924
Sweden	4,967	3,943	5,057
United Kingdom	28,090	22,740	23,152
Other countries	10,392	1,957	744
Total	54,804	37,652	38,163
Latin America:			
Brazil	21,751	13,207	16,009
Colombia	10,189	7,142	7,982
Costa Rica	6,871	5,741	5,702
El Salvador	578	561	328
Guatemala	2,281	5,402	6,665
Nicaragua	175	163	503
Mexico	87,269	80,802	89,659
Honduras	1,281	1,343	1,504
Panama	3,194	2,116	3,232
Ecuador	5,004	2,034	2,213
Venezuela	7,864	4,435	7,330
Other countries	1,026	1,162	4,743
Total	147,483	124,108	145,870
Bermuda and Caribbean:			
Bahamas	67	44	43
Barbados	420	248	147
Bermuda	78	46	88
Dominican Republic	3,657	3,771	5,010
French West Indies	555	927	213
Haiti	640	601	522
Leeward and Windward Islands	52	59	33
Netherlands Antilles	474	236	268
Trinidad and Tobago	550	817	929
Other countries	62	483	172
Total	6,555	7,232	7,425
Asia:			
Taiwan	115,342	101,650	119,711
Hong Kong	74,782	49,741	45,932
Indonesia	43,268	49,455	61,667
Malaysia	20,216	16,634	25,739
Japan	10,450	1,403	877
Philippines	11,510	16,522	16,258
Singapore	19,056	10,602	12,320
Thailand	34,223	27,217	27,686
Other countries	11,267	5,039	15,654
Total	340,114	278,263	325,844
Other countries:			
Canada	80,941	78,790	90,464
French Pacific Islands	380	438	467
Kuwait	3,710	2,777	3,440
New Zealand	105	125	120
Saudi Arabia	28,219	13,014	19,483
United Arab Emirates	17,311	7,676	17,411
Other countries	18,207	12,480	18,170
Total	148,873	115,300	149,555
Grand total	697,829	562,555	666,857
Imports			
Canada	43,220	71,873	73,042
Chile	20,323	27,749	25,747
New Zealand	39,444	49,027	54,123
South Africa	19,167	16,431	10,689
Other countries	4,250	3,649	2,495
Total	126,404	168,729	166,096

FAS, Horticultural and Tropical Products Division, (202) 720–6086. Compiled from reports of the U.S. Department of Commerce.

Table 5-9.—Apples:[1] Foreign trade, United States, 1986–95

Year beginning October	Imports, fresh and dried, in terms of fresh	Domestic exports		Year beginning October	Imports, fresh and dried, in terms of fresh	Domestic exports	
		Fresh	Dried, in terms of fresh[1]			Fresh	Dried, in terms of fresh[1]
	Metric tons	*Metric tons*	*Metric tons*		*Metric tons*	*Metric tons*	*Metric tons*
1986	149,448	175,104	10,528	1991	143,926	530,073	44,192
1987	132,673	296,176	7,680	1992	139,271	487,817	22,080
1988	132,988	254,478	11,984	1993	130,938	662,906	19,224
1989	119,732	357,442	23,688	1994	159,618	663,054	25,112
1990	121,996	371,309	55,512	1995	196,072	564,955	24,621

[1] Dried converted to terms of fresh apples on following basis; 1 pound dried is equivalent to 8 pounds fresh. No re-exports reported.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-10.—Apricots: Production and value, United States, 1988–97[1]

Year	Total production	Utilized production	Market year average price per ton[2]	Value	Year	Total production	Utilized production	Market year average price per ton[2]	Value
	Tons	*Tons*	*Dollars*	*1,000 dollars*		*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1988	101,600	93,500	363.00	33,927	1993	97,350	97,340	398.00	38,694
1989	120,000	118,950	338.00	40,222	1994	153,200	140,180	349.00	48,883
1990	122,450	120,440	340.00	40,937	1995	60,500	60,500	456.00	27,572
1991	95,800	91,790	407.00	37,356	1996	79,300	79,290	444.00	35,171
1992	106,400	106,300	356.00	37,838	1997[3]	138,000	128,400	332.00	42,622

[1] Production, price, and value for CA, UT, and WA. [2] Fresh fruit prices are equivalent packing-house-door returns for CA and WA. Quantities processed are priced at the equivalent processing plant door level. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-11.—Apricots: Production and marketing year average price per ton, by States, 1995–97

State	Total production			Utilized production			Price[2] for crop of—		
	1995	1996	1997[1]	1995	1996	1997[1]	1995	1996	1997[1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
CA	54,000	76,000	132,000	54,000	76,000	122,400	387.00	403.00	308.00
UT	.....	300	.....	.....	290	.....	.....	859.00	.....
WA	6,500	3,000	6,000	6,500	3,000	6,000	1,020.00	1,420.00	825.00
Total	60,500	79,300	138,000	60,500	79,290	128,400	456.00	444.00	332.00

[1] Preliminary. [2] Fresh fruit prices are equivalent packinghouse-door returns for CA and WA. Quantities processed are priced at the equivalent processing plant door level.

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Table 5-12.—Apricots: Production and utilization, United States,[1] 1988–97

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh[2]	Processed (fresh basis)[3]		
				Canned[4]	Dried	Frozen
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
1988	101,600	93,500	18,200	44,500	17,700	12,200
1989	120,000	118,950	15,750	67,000	25,000	11,000
1990	122,450	120,440	23,740	64,000	21,000	11,000
1991	95,800	91,790	20,140	43,000	17,000	11,000
1992	106,400	106,300	23,200	53,000	16,000	13,000
1993	97,350	97,340	21,410	45,000	18,000	11,500
1994	153,200	140,180	26,740	71,000	30,500	10,500
1995	60,500	60,500	16,800	27,700	9,600	5,700
1996	79,300	79,290	13,490	41,500	15,000	9,000
1997[5]	138,000	128,400	26,400	74,400	12,000	15,100

[1] CA, UT, and WA. [2] Includes "Home use." [3] CA only [4] Includes some quantities frozen or otherwise processed. [5] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-13.—Apricots: Production and utilization, by States, crop of 1997 (preliminary)

State	Total production	Utilized production	Utilization			
			Fresh	Processed (fresh basis)[1]		
				Canned[2]	Dried	Frozen
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
CA[3]	132,000	122,400	20,900	74,400	12,000	15,100
UT[4]	.....	.....	.....	.....	.....	.....
WA[3]	6,000	6,000	.....	.....	.....	.....
US	138,000	128,400	26,400	74,400	12,000	15,100

[1] CA only. [2] Some quantities used for juice are included in "Canned" to avoid disclosure of individual operations. [3] Missing data not published to avoid disclosure of individual operations, but included in U.S. total. [4] No significant commercial production due to freeze damage.

NASS, Crops Branch, (202) 720–2127.

Table 5-14.—Apricots: Foreign trade, United States, 1986–95

Year beginning October	Domestic exports				
	Fresh	Canned[1]	Dried[1]	Dried, in fruit salad[2]	Total, in terms of fresh[3]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1986	(4)	387	(4)	228	1,450
1987	(4)	906	(4)	169	1,519
1988	3,447	884	774	366	9,939
1989	4,836	1,008	1,311	379	14,246
1990	4,894	1,519	1,207	421	14,651
1991	4,795	1,763	1,362	414	15,187
1992	5,167	1,269	1,214	428	14,517
1993	7,650	760	1,188	488	17,266
1994	4,029	1,449	1,113	569	14,246
1995	3,491	1,340	1,376	519	14,677

[1] Net processed weight. [2] Dried apricots are 12⅓ percent of total dried fruit for salad. [3] 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. [4] Not available.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-15.—Avocados: Production, marketing year average price per ton, and value, California and Florida, 1987–88 to 1996–97

Season	California			Florida			California and Florida [3]		
	Production [1]	Price [2]	Value	Production [1]	Price [2]	Value	Production [1]	Price [2]	Value
	Tons	*Dollars*	*1,000 dollars*	*Tons*	*Dollars*	*1,000 dollars*	*Tons*	*Dollars*	*1,000 dollars*
1987–88	180,000	1,140	205,200	29,000	312	9,048	209,000	1,030	214,248
1988–89	165,000	1,260	207,900	27,000	436	11,772	192,000	1,140	219 ,672
1989–90	105,000	2,280	239,400	33,500	332	11,122	138,500	1,809	250,522
1990–91	136,000	1,410	191,760	19,600	684	13,406	155,600	1,319	205,166
1991–92	156,000	1,170	182,520	28,300	476	13,471	184,300	1,063	195,991
1992–93	284,000	400	113,600	7,200	583	4,198	291,200	405	117,798
1993–94	139,000	1,810	251,590	4,400	820	3,608	143,400	1,780	255,198
1994–95	155,000	1,470	228,359	20,000	616	12,320	175,000	1,375	240,679
1995–96	171,000	1,360	233,136	19,000	596	11,324	190,000	1,287	244,460
1996–97 [4]	165,000	1,520	251,616	23,500	528	12,408	188,500	1,401	264,024

[1] Production is the quantity sold or utilized. [2] Quantities processed are priced at the equivalent processing plant door level. [3] Season from Nov. 1 to Nov. 30 (following year) for California and June 20 to Feb. 28 for Florida. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-16.—Avocados: Foreign trade, United States, 1986–95

Year beginning October	Imports	Year beginning October	Imports
	Metric tons		*Metric tons*
1986	4,171	1991	22,816
1987	2,455	1992	18,466
1988	4,523	1993	14,213
1989	8,865	1994	18,871
1990	11,214	1995	23,117

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-17.—Bananas: Area, yield, utilized production, marketing year average price, and value, Hawaii, 1988–97

Year	Area harvested	Yield per acre	Production	Price per pound	Value	Year	Area harvested	Yield per acre	Production	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*
1988	1,070	12.3	13,200	33.0	4,356	1993	880	13.3	11,700	38.0	4,446
1989	1,000	11.9	11,900	36.5	4,344	1994	930	14.7	13,700	37.0	5,069
1990	930	12.2	11,300	38.0	4,294	1995	930	14.0	13,000	40.0	5,200
1991	890	12.8	11,400	41.0	4,674	1996	1,040	12.5	13,000	40.0	5,200
1992	870	13.8	12,000	41.0	4,920	1997 [1]	1,040	13.0	13,500	39.0	5,265

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-18.—Cherries: Production and value, United States, 1988–97

Year	All varieties			Sweet varieties				Tart varieties			
	Total production	Utilized production	Value	Total production	Utilized production	Marketing year average price per ton [1]	Value	Total production	Utilized production	Marketing year average price per pound [1]	Value
	Tons	*Tons*	*1,000 dollars*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*	*Million pounds*	*Million pounds*	*Cents*	*1,000 dollars*
1988	304,300	301,260	189,105	186,200	184,510	788.00	145,330	236.2	233.5	18.7	43,775
1989	325,500	312,430	171,473	193,450	190,930	713.00	136,125	264.1	243.0	14.5	35,348
1990	261,130	233,800	155,004	156,730	132,350	894.00	118,319	208.8	202.9	17.6	36,685
1991	243,500	234,750	223,492	148,550	139,900	968.00	135,410	189.9	189.7	46.4	88,082
1992	372,550	348,150	230,575	205,000	191,650	915.00	175,345	335.1	313.0	17.6	55,230
1993	330,250	288,875	221,057	168,550	160,575	1,190.00	190,886	323.4	256.6	11.8	30,171
1994	359,400	341,060	248,953	207,300	192,910	1,040.00	200,574	304.2	296.3	16.3	48,379
1995	363,300	308,670	211,771	165,500	153,070	1,260.00	193,315	395.6	311.2	5.9	18,456
1996	290,200	281,180	265,172	154,300	151,880	1,470.00	223,425	271.8	260.1	16.1	41,747
1997 [2] ...	367,300	360,570	NA	222,750	220,370	1,250.00	274,795	288.9	280.4	NA	NA

[1] 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. [2] Preliminary NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-19.—Cherries: Production and season average price, by States, 1995–97

Variety and State	Total production			Utilized production			Price [2] for crop of—		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
CA	19,800	24,600	49,200	19,800	24,600	49,200	2,100.00	1,850.00	1,290.00
ID	700	2,200	1,300	680	2,150	1,300	1,610.00	1,250.00	1,240.00
MI	27,000	22,000	27,000	27,000	22,000	27,000	581.00	709.00	740.00
MT	900	700	1,300	760	630	970	1,210.00	1,420.00	965.00
NY	1,100	700	650	1,000	600	620	960.00	1,420.00	1,720.00
OR	38,000	32,000	50,000	31,000	32,000	50,000	766.00	1,090.00	1,130.00
PA	1,000	800	700	930	700	700	1,300.00	2,240.00	2,380.00
UT	2,000	2,300	600	1,900	2,200	580	866.00	1,130.00	883.00
WA	75,000	69,000	92,000	70,000	67,000	90,000	1,520.00	1,780.00	1,430.00
Total 9 States ..	165,500	154,300	222,750	153,070	151,880	220,370	1,260.00	1,470.00	1,250.00
TART VARIETIES	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Cents per pound*	*Cents per pound*	*Cents per pound*
CO	1.2	1.0	0.7	1.0	0.9	0.6	41.4	47.3	(3)
MI	310.0	195.0	225.0	250.0	195.0	221.0	5.4	16.0	(3)
NY	32.0	19.0	14.5	20.0	14.2	13.2	5.6	14.4	(3)
OR	1.6	2.5	3.2	1.5	2.5	3.0	11.3	20.6	(3)
PA	9.5	7.5	6.5	9.5	7.5	6.5	10.7	22.7	(3)
UT	22.0	26.5	17.5	13.0	20.5	15.0	4.8	12.7	(3)
WA	11.6	14.2	11.0	11.6	14.2	11.0	11.9	16.3	(3)
WI	7.7	6.1	10.5	4.6	5.3	10.1	6.3	17.8	(3)
Total 7 States ..	395.6	271.8	288.9	311.2	260.1	280.4	5.9	16.1	(3)

[1] Preliminary. [2] Fresh fruit prices are equivalent packinghouse-door returns for CA, OR, and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. [3] Not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-20.—Cherries: Production and utilization, by States, crop of 1997 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh [1]	Processed (fresh basis)		
				Canned and otherwise processed [2]	Frozen	Brined
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
CA	49,200	49,200	31,600	.....	.....	.....
MI	27,000	27,000	500	800	4,200	21,500
OR	50,000	50,000	15,000	4,000	3,000	28,000
WA	92,000	90,000	65,000	6,000	5,000	14,000
Other States [3]	4,550	4,170	3,220	.....	4,400	14,150
US	222,750	220,370	115,320	10,800	16,600	77,650
TART VARIETIES						
MI	112,500	110,500	500	32,500	75,000	2,500
Other States [4]	31,950	29,700	600	8,150	14,300	6,650
US	144,450	140,200	1,100	40,650	89,300	9,150

[1] Includes "Home use." [2] Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc.; tart varieties include some quantities used for juice, jam, jelly, brining, etc, excludes frozen. [3] ID, MT, NY, PA, and UT. [4] CO, NY, OK, PA, UT, WA, and WI.

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Table 5-21.—Cherries: Production and utilization, United States,[1] 1988–97

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh [2]	Processed (fresh basis)		
				Canned [3 4]	Frozen	Brined
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
1988	186,200	184,510	87,230	29,660	.....	67,620
1989	193,450	190,930	103,510	29,420	.....	58,000
1990	156,730	132,350	70,500	22,200	.....	39,650
1991	148,550	139,900	66,680	21,550	.....	51,670
1992	205,000	191,650	95,020	30,050	.....	66,580
1993	168,550	160,575	79,810	23,000	.....	57,765
1994	207,300	192,910	99,460	29,000	.....	64,450
1995	165,500	153,070	64,420	29,290	.....	59,360
1996	154,300	151,880	80,850	22,070	.....	48,960
1997 [5]	222,750	220,370	115,320	27,400	.....	77,650
TART VARIETIES	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1988	236.2	233.5	5.0	67.0	161.5	.....
1989	264.1	243.0	6.7	60.1	176.2	.....
1990	208.8	202.9	5.1	78.0	119.8	.....
1991	189.9	189.7	3.7	65.7	120.3	.....
1992	335.1	313.0	8.8	90.2	214.0	.....
1993	323.4	256.6	5.2	96.1	155.3	.....
1994	304.2	296.3	3.6	110.0	182.7	.....
1995	395.6	311.2	2.7	116.1	192.4	.....
1996	271.8	260.1	2.5	75.4	182.2	.....
1997 [5]	288.9	280.4	2.2	99.6	178.6	.....

[1] CA, CO, ID, MI, MT, NY, OR, PA, UT, WA, and WI. [2] Includes "Home use." [3] For tart varieties, includes small quantities brined or used for juice, wine, preserves, and candied cherries, excludes frozen. [4] Sweet varieties includes small quantities used for juice, wine, brandy, etc. [5] Preliminary.

NASS, Crops Branch, (202) 720–2177.

Table 5-22.—Cherries: Foreign trade, United States, 1986–95

Year beginning October	Imports		Domestic exports		Year beginning October	Imports		Domestic exports	
	Fresh	Dried and preserved	Fresh	Canned		Fresh	Dried and preserved	Fresh	Canned
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*		*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1986	2,047	723	23,918	2,640	1991	1,553	1,373	31,008	4,090
1987	3,388	455	25,899	2,293	1992	1,982	2,224	25,742	13,193
1988	2,420	1,020	27,066	2,207	1993	1,633	2,568	30,640	14,774
1989	1,837	1,712	22,652	2,383	1994	1,377	1,415	30,268	15,162
1990	1,615	1,191	18,824	2,479	1995	1,908	1,810	34,705	18,977

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-23.—Citrus fruit: Utilized production and value, United States, for season of 1987–88 to 1996–97

Season [1]	Production	Marketing year average returns per box [2]	Value	Quantities processed [3]	Production	Marketing year average returns per box [2]	Value	Quantities processed [3]
	Oranges [4]				Grapefruit			
	1,000 boxes	*Dollars*	*1,000 dollars*	*1,000 boxes*	*1,000 boxes*	*Dollars*	*1,000 dollars*	*1,000 boxes*
1987–88	200,250	8.92	1,773,681	146,729	68,700	7.01	478,588	35,505
1988–89	209,050	8.90	1,848,467	157,191	69,500	6.00	416,041	34,873
1989–90	184,415	7.96	1,465,072	129,571	49,300	7.49	371,897	26,686
1990–91	178,950	8.70	1,584,746	148,881	55,500	7.16	395,903	24,685
1991–92	209,610	7.43	1,545,200	154,872	55,265	7.84	428,118	23,919
1992–93	255,760	5.77	1,489,938	193,992	68,375	4.40	301,614	36,710
1993–94	240,450	6.37	1,541,296	182,435	65,100	5.26	341,977	33,231
1994–95	263,605	6.08	1,624,061	207,351	71,050	4.29	307,525	38,387
1995–96	263,890	6.85	1,822,576	207,365	66,200	4.43	296,134	33,963
1996–97 [5]	296,620	6.41	1,936,416	227,954	70,200	3.83	274,514	36,919
	Lemons				Limes			
1987–88	20,650	9.78	202,046	8,585	1,300	17.93	23,314	440
1988–89	20,000	11.75	234,955	7,720	1,250	17.18	21,474	300
1989–90	18,600	15.04	279,825	6,336	1,650	13.87	22,884	640
1990–91	18,900	15.32	289,571	7,100	1,450	19.21	27,859	520
1991–92	20,200	12.73	257,226	8,152	1,600	14.27	22,827	530
1992–93	24,800	9.67	239,872	12,287	1,000	6.55	6,547	270
1993–94	25,900	9.94	257,362	13,449	200	18.46	3,691	50
1994–95	23,600	11.16	263,441	10,287	230	14.47	3,329	40
1995–96	26,100	9.63	251,255	12,533	300	13.05	3,914	60
1996–97 [5]	22,600	13.01	294,120	10,642	320	10.01	3,204	65
	Tangerines [6]				Tangelos			
1987–88	5,140	15.67	80,400	1,502	4,200	7.76	32,605	2,805
1988–89	5,590	14.92	83,075	1,956	3,800	8.26	31,392	2,452
1989–90	3,950	18.15	71,738	1,251	2,950	7.04	20,778	1,832
1990–91	3,900	19.21	74,603	1,251	2,650	8.10	21,459	1,464
1991–92	6,240	17.11	104,248	1,715	2,600	9.14	23,753	1,293
1992–93	5,850	14.48	83,222	1,618	3,050	5.29	16,147	1,734
1993–94	7,400	12.57	92,055	2,007	3,350	5.47	18,323	2,253
1994–95	6,700	15.01	100,285	1,756	3,150	4.90	15,435	2,044
1995–96	8,100	14.05	111,359	2,390	2,450	6.25	15,304	1,432
1996–97 [5]	9,450	12.37	118,531	3,097	3,950	4.84	19,111	2,918
	Temples				K-Early Citrus			
1987–88	3,550	7.87	27,940	2,258				
1988–89	3,750	7.43	27,844	2,881				
1989–90	1,400	7.62	10,668	1,261				
1990–91	2,500	8.32	20,792	1,706				
1991–92	2,350	8.50	19,979	1,502				
1992–93	2,500	4.98	12,458	1,553	185	7.43	1,375	52
1993–94	2,250	5.64	12,687	1,465	210	4.47	939	50
1994–95	2,550	5.61	14,301	1,764	120	4.48	538	55
1995–96	2,150	6.55	14,093	1,457	160	4.90	784	98
1996–97 [5]	2,400	5.22	12,517	1,842	150	4.46	669	93

[1] See footnote 1, table 269. [2] Equivalent packing-house door returns [3] Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in CA delivered to processing plants which were not utilized, but for which growers received payment. [4] Includes small quantities of tangerines in TX. Excludes FL Temples. [5] Preliminary. [6] FL ''All tangerines'' include Sunburst tangerines beginning with the 1989–90 season.

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Table 5-24.—Citrus fruit: Utilized production and marketing year average returns per box, by States, 1994–95 to 1996–97

Crop and State	Production of crop for season[1] of—			Price[3] of crop for season of—		
	1994–95	1995–96	1996–97[2]	1994–95	1995–96	1996–97[2]
ORANGES	*1,000 boxes*	*1,000 boxes*	*1,000 boxes*	*Dollars*	*Dollars*	*Dollars*
Early, midseason, and Navel varieties:[4]						
AZ	400	700	400	10.06	6.72	8.88
CA	35,000	38,000	40,000	7.82	7.35	9.35
FL	119,700	121,200	134,200	5.02	5.67	5.36
TX	950	830	1,300	4.33	7.62	5.16
Total early, midseason, and Navel varieties[5]	156,050	160,730	175,900	5.57	6.03	6.15
Valencia:						
AZ	650	950	600	5.52	4.12	5.28
CA	21,000	20,000	28,000	9.48	10.51	9.48
FL	85,800	82,100	92,000	6.27	7.67	6.12
TX	105	110	120	6.76	8.95	7.12
Total Valencia[5]	107,555	103,160	120,720	6.80	8.12	6.78
All oranges:						
AZ	1,050	1,650	1,000	7.25	5.22	6.72
CA	56,000	58,000	68,000	8.44	8.44	9.40
FL	205,500	203,300	226,200	5.54	6.48	5.67
TX	1,055	940	1,420	4.58	7.78	5.33
US, all oranges[5]	263,605	263,890	296,620	6.08	6.85	6.41
GRAPEFRUIT						
AZ	1,400	1,200	900	5.56	3.70	2.99
CA, all	9,300	8,100	8,200	5.64	6.01	7.21
Desert	3,300	(6)	(6)	4.13	(6)	(6)
Other areas	6,000	(6)	(6)	6.47	(6)	(6)
FL, all	55,700	52,350	55,800	4.16	4.24	3.42
Colored seedless	28,700	28,100	31,400	3.82	4.07	3.65
White seedless	25,700	23,200	23,500	4.57	4.47	3.16
Other	1,300	1,050	900	3.63	3.43	1.93
TX	4,650	4,550	5,300	3.34	4.67	4.17
US, all grapefruit[5]	71,050	66,200	70,200	4.29	4.43	3.83
LEMONS						
AZ	3,600	5,100	2,600	10.37	8.01	10.88
CA	20,000	21,000	20,000	11.31	10.02	13.29
US, lemons[5]	23,600	26,100	22,600	11.16	9.63	13.01
LIMES						
FL	230	300	320	14.47	13.05	10.01
TANGELOS						
FL	3,150	2,450	3,920	4.90	6.25	4.84
TANGERINES						
AZ	650	1,000	550	16.27	10.80	15.21
CA	2,500	2,600	2,600	14.18	10.84	14.73
FL	3,550	4,500	6,300	15.28	16.08	11.41
US, tangerines[5]	6,700	8,100	9,450	15.01	14.05	12.37
TEMPLES						
FL	2,550	2,150	2,400	5.61	6.55	5.22
K-EARLY CITRUS						
FL	120	160	150	4.48	4.90	4.46

[1] Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in CA 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 CA desert and for all other States begins in the fall and ends by early summer. Harvest of other CA grapefruit begins in the fall and ends the following fall. CA lemons are harvested from Aug. 1 to July 31; AZ lemons are harvested from Aug. 15 to Feb. 1. FL limes are picked mostly from April through March. FL tangelos are harvested largely from October through April. Tangerines harvest is from Nov to April. Temples are harvested from Dec to May. [2] Preliminary. [3] Equivalent packing-house-door returns. [4] Navel and miscellaneous varieties in AZ and CA; early and midseason varieties in FL and TX, including small quantities of tangerines in TX. [5] Net content of box varies. Approximate averages are as follows: Oranges—AZ and CA, 75 pounds; FL, 90 pounds; and TX, 85 pounds; grapefruit—AZ and CA desert, 67 pounds; (64 pounds prior to 1993–94); other CA areas, 67 pounds; FL, 85 pounds; TX, 80 pounds; lemons—76 pounds; K-Early Citrus—90 pounds; limes—88 pounds; tangelos—90 pounds; tangerines—AZ and CA, 75 pounds; FL, 95 pounds; and temples—90 pounds. [6] Breakdown no longer estimated.

NASS, Crops Branch, (202) 720–2127.

Table 5-25.—Citrus fruits: Production in specified countries, 1994–95 to 1996–97 [1]

Commodity and country	1994–95	1995–96	1996–97 [2]
	1,000 metric tons	1,000 metric tons	1,000 metric tons
Oranges:			
Egypt	1,513	1,360	1,613
Cuba	350	380	350
Gaza Strip	87	87	73
Cyprus	166	252	165
Argentina	712	640	700
Brazil	16,520	16,450	19,054
China	1,633	1,725	1,850
Japan	30	28	25
Mexico	3,500	2,600	3,500
Spain	2,644	2,440	2,145
United States [3]	10,641	10,747	11,734
Australia	416	543	544
Morocco	657	870	774
Israel	405	460	367
Greece	865	850	880
South Africa	770	850	970
Turkey	920	880	800
Italy	1,710	1,770	2,100
Total	43,539	42,932	47,644
Tangerines:			
Egypt	250	300	448
Cuba	6	6	6
Israel	117	125	110
South Korea	549	615	480
Japan	1,539	1,696	1,428
China	4,423	4,667	5,730
Turkey	430	410	450
Brazil [5]	560	535	590
Spain	1,751	1,566	1,420
United States [4]	378	412	540
Argentina	344	325	360
Morocco	304	360	384
Greece	87	85	78
Mexico	180	145	260
Italy	468	510	500
Total	23,143	24,541	12,784
Grapefruit:			
Cuba	230	250	230
Gaza Strip	9	9	6
Cyprus	95	112	90
Argentina	208	190	200
Mexico	136	120	230
United States [3]	2,642	2,502	2,620
Israel	415	395	405
South Africa	154	172	177
Turkey	60	60	65
Italy	5	6	3
Total	3,954	3,816	4,026
Lemons:			
Gaza Strip	8	8	5
Cyprus	40	38	33
Argentina	741	700	800
Brazil [5]	67	70	73
Mexico	12	12	20
Spain	571	443	448
United States	831	896	779
Australia	32	38	35
Morocco	20	20	22
Israel	26	20	17
Greece	140	135	150
South Africa	63	71	74
Turkey	470	440	380
Italy	565	680	714
Total	3,586	3,571	3,550

[1] Split years refer to harvest periods which usually begin in the fall and extend through the following spring. This corresponds roughly with October–June in the Northern Hemisphere and April–December of the second year shown in the Southern Hemisphere. [2] Preliminary. [3] Includes temple oranges. [4] Includes tangelos. [5] Sao Paulo only.

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Table 5-26.—Concentrated citrus juices: Annual packs, Florida, 1986–95

Season beginning December	Frozen concentrated juice [1]		
	Orange [2]	Grapefruit [2]	Tangerine
	1,000 gallons	*1,000 gallons*	*1,000 gallons*
1986	145,056	28,875	373
1987	169,973	31,906	583
1988	174,717	32,466	495
1989	90,285	21,774	371
1990	151,396	21,672	279
1991	145,421	19,458	297
1992	208,662	31,527	329
1993	182,231	26,485	529
1994	219,502	31,344	1,192
1995	202,353	26,930	1,102

[1] Net pack. [2] Frozen orange juice reported in 42.0° Brix; Grapefruit 40.0° Brix. Includes concentrated juice for manufacture.

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Table 5-27.—Canned citrus juices: Annual pack, Florida, 1986–95

Season beginning October	Juice (single-strength) [1]		
	Orange	Grapefruit	Blend
	1,000 cases	*1,000 cases*	*1,000 cases*
1986	8,122	8,982	533
1987	7,256	7,724	449
1988	8,164	7,956	424
1989	6,640	5,986	334
1990	7,130	6,678	450
1991	7,652	5,822	309
1992	7,922	5,751	197
1993	6,849	5,375	199
1994	5,744	5,240	161
1995	5,217	4,708	135

[1] Equivalent cases of 24 No. 2 cans.

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Table 5-28.—Citrus juice: United States exports by kind, 1986/87–1995/96

Year beginning November	Orange juice			Grapefruit juice		
	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*
1986/87	4,495	3,586	50,240	2,107	1,928	12,814
1987/88	7,560	4,356	54,121	2,716	2,148	19,102
1988/89	11,064	5,401	56,498	4,932	1,448	10,916
1989/90	863	8,903	78,416	465	5,986	9,114
1990/91	0	11,624	85,074	0	6,002	9,984
1991/92	0	18,812	87,845	0	7,678	15,913
1992/93	0	24,309	91,973	0	7,000	15,847
1993/94	0	34,829	69,299	0	6,360	10,360
1994/95	0	41,554	76,494	0	7,723	14,411
1995/96	.....	.....	.....	.....	.....	.....

Omitted data is misleading. Although reporting of concentrated juices was changed from concentrated to single-strength gallons in January 1978, some customs ports failed to switch recording methods until later. Frozen and hot pack exports from October 1980 onward are in single strength rather than concentrated equivalents.

U.S. export data to Canadian destinations prior to 1990 used in this chart are not accurate because late-night shipments were not recorded.

In 1989/90 the tariff code system was changed. Harmonized tariff code 2009190000 includes both hot pack and single-strength orange juices, which are now both included only in the hot pack column.

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Table 5-29.—Oranges, fresh:[1] United States exports by country of destination, 1993/94–1995/96

Country of destination	Year beginning November		
	1993/94	1994/95	1995/96
	Metric tons	*Metric tons*	*Metric tons*
Europe:			
Belgium and Luxembourg	0	433	19
Denmark	50	17	19
Finland	0	8	0
France	33	146	116
Germany	26	43	31
Netherlands	1,298	1,141	1,522
Sweden	0	87	0
United Kingdom	730	79	550
Total EU	2,137	1,954	2,257
Western and Eastern Europe:			
Iceland	61	24	87
Russian Federation	1,386	1,167	2,588
Switzerland	0	4	4
Total	1,447	1,195	2,679
South and Central America:			
Columbia	0	174	141
Ecuador	474	132	44
Guatemala	64	0	0
Panama	0	0	0
Venezuela	0	0	0
Total	538	306	185
Caribbean:			
Bahamas, The	7	0	11
Barbados	19	0	4
Bermuda	0	3	6
Dominican Republic	0	0	25
French West Indies	0	28	523
Leeward-Windward Islands	0	21	0
Netherlands Antilles	199	23	0
Trinidad and Tobago	0	8	0
Total	225	83	569
North America:			
Canada	188,551	178,854	176,012
Mexico	901	1,949	3,474
Total	189,452	180,803	179,486
Africa and Asia:			
Bahrain	0	0	0
China, Peoples Republic of	144	463	478
Ghana	0	0	0
Hong Kong	124,417	128,098	101,408
India	5	0	0
Indonesia	2,265	3,257	3,180
Japan	158,170	168,591	124,446
Korea, Republic of	1,637	15,029	23,479
Malaysia	12,236	14,968	16,970
Philippines	7,587	6,574	7,823
Saudi Arabia	0	0	0
Singapore	15,675	18,282	16,196
Sri Lanka	140	153	104
Taiwan	21,186	22,211	14,945
Thailand	16	19	295
United Arab Emirates	0	22	0
Vietnam	83	17	83
Total	343,561	377,684	309,407
Oceania:			
Australia	6,265	7,018	8,919
French Pacific Islands	52	160	52
New Zealand	4,352	6,448	4,698
Other Pacific Islands	9	0	13
Total	10,678	13,626	13,682
World Total	548,038	575,651	508,265

[1] Includes temple oranges.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 5-30.—Fresh citrus fruits: Foreign trade, United States, 1986–95

Year[1]	Oranges		Grapefruit		Lemons		Limes		Tangerines	
	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports	Imports	Domestic exports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1986	19,746	399,979	1,769	355,858	8,319	145,968	29,522	4,547	13,706	15,778
1987	22,183	335,091	5,084	462,138	6,800	140,839	40,843	2,839	14,954	14,712
1988	8,532	364,736	3,856	481,017	5,578	139,573	43,254	2,814	17,334	19,975
1989	12,082	490,088	4,525	301,182	10,518	132,675	44,077	4,055	11,907	6,118
1990	61,685	251,938	8,100	458,874	14,501	119,385	65,848	4,854	11,258	8,363
1991	16,136	479,110	10,018	446,560	4,607	131,721	84,805	4,578	12,365	11,941
1992	10,236	562,598	12,509	444,776	9,834	127,336	112,125	2,770	12,396	9,559
1993	16,321	543,320	14,549	461,579	8,429	124,414	113,936	2,579	10,401	11,914
1994	17,586	580,745	13,509	481,744	12,322	126,117	142,993	3,418	4,253	12,545
1995	23,396	513,627	14,799	497,346	11,043	132,271	130,071	3,363	3,785	17,183

[1] Year beginning October for all commodities.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-31.—Dates: Total production, marketing year average price per ton, and value, California, 1988–97

Year	Production	Price [1]	Value	Year	Production	Price [1]	Value
	Tons	*Dollars*	*1,000 dollars*		*Tons*	*Dollars*	*1,000 dollars*
1988	22,000	896	19,712	1993	29,000	790	22,910
1989	22,000	1,040	22,880	1994	23,000	750	17,250
1990	24,000	820	19,680	1995	22,700	780	17,706
1991	22,000	970	21,340	1996	26,000	710	18,460
1992	21,000	1,060	22,260	1997 [2]	25,500	860	21,930

[1] Quantities processed are priced at the equivalent processing plant door level. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-32.—Dates: Foreign trade, United States, 1986–95

Year beginning October	Imports	Year beginning October	Imports
	Metric tons		*Metric tons*
1986	3,059	1991	7,072
1987	5,593	1992	5,426
1988	10,046	1993	5,272
1989	9,314	1994	2,771
1990	5,539	1995	4,684

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Table 5-33.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1988–97 [1]

Year	Area harvested	Yield per acre [2]	Total production [3]	Utilized production	Price [4]	Value	Quantities processed [5]
	Acres	*Barrels* [6]	*Barrels* [6]	*Barrels* [6]	*Dollars*	*1,000 dollars*	*Barrels* [6]
1988	27,300	149.5	4,080,000	4,080,000	45.70	186,340	3,738,800
1989	27,600	135.8	3,747,000	3,747,000	44.00	164,720	3,407,500
1990	27,800	122.1	3,393,000	3,393,000	46.10	156,455	3,154,300
1991	28,400	148.6	4,219,000	4,219,000	49.00	206,616	3,912,000
1992	29,200	142.5	4,160,000	4,160,000	51.60	214,767	3,881,000
1993	29,400	133.3	3,919,000	3,919,000	50.20	196,820	3,619,000
1994	31,100	150.5	4,682,000	4,682,000	49.30	230,795	4,415,000
1995	32,800	127.8	4,193,000	4,193,000	53.40	223,938	3,858,000
1996	34,000	137.4	4,671,000	4,671,000	65.90	307,827	4,330,000
1997 [7]	34,900	157.3	5,489,000	5,489,000	NA	NA	NA

[1] Estimates relate to MA, NJ, OR, WA, and WI. [2] Derived from total production. [3] 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. [4] Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production. [5] Mainly for canning. [6] Barrels of 100 pounds. [7] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-34.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1995–97

State	Area harvested			Yield per acre			Total production			Price [2] for crop of		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Acres	*Acres*	*Acres*	*Bbl.* [3]	*Bbl.* [3]	*Bbl.* [3]	*Bbl.* [3]	*Bbl.* [3]	*Bbl.* [3]	*Dollars*	*Dollars*	*Dollars*
MA	14,100	14,200	14,600	112.9	121.3	143.8	1,592,000	1,722,000	2,100,000	54.30	70.90	([4])
NJ ..	3,500	3,600	3,700	129.7	129.7	155.1	454,000	467,000	574,000	50.00	61.80	([4])
OR	1,700	1,800	2,000	100.0	173.3	175.0	170,000	312,000	350,000	49.60	60.50	([4])
WA	1,500	1,500	1,500	118.0	120.0	110.0	177,000	180,000	165,000	49.60	61.00	([4])
WI ..	12,000	12,900	13,100	150.0	154.3	175.6	1,800,000	1,990,000	2,300,000	54.20	63.80	([4])
US ..	32,800	34,000	34,900	127.8	137.4	157.3	4,193,000	4,671,000	5,489,000	53.40	65.90	([4])

[1] Preliminary. [2] Average price of utilized production. Equivalent returns at first delivery point, screened basis of utilized production. [3] Barrels of 100 pounds. [4] Not available.

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Table 5-35.—Figs: Total production, marketing year average price per ton, and value, California, 1988–97

Year	Dried (dry basis)				Total		
	Production			Price	Production (fresh basis) [1]	Price [2]	Value [2]
	Total	Standard	Substandard				
	Tons	*1,000 tons*	*Tons*	*Dollars*	*Tons*	*Dollars*	*1,000 dollars*
1988	18,000	15,850	2,150	1,011.00	55,500	352.00	19,530
1989	15,500	13,800	1,700	1,119.00	48,000	379.00	18,198
1990	16,000	13,600	2,400	961.00	49,600	350.00	17,370
1991	14,600	13,200	1,400	1,036.00	45,100	369.00	16,626
1992	15,200	13,900	1,300	1,185.00	46,900	405.00	18,985
1993	19,300	17,100	2,200	1,097.00	60,700	401.00	24,341
1994	18,200	17,000	1,200	1,200.00	56,700	419.00	23,768
1995	16,800	15,200	1,600	893.00	50,400	298.00	16,429
1996	14,500	13,100	1,400	772.00	43,500	257.00	12,850
1997	15,500	14,000	1,500	633.00	46,500	211.00	12,103

[1] Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried. [2] Quantities processed are priced at the equivalent processing plant door level.

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Table 5-36.—Figs, dried: Foreign trade, United States, 1986–95

Year beginning October	Imports for consumption	Domestic exports	Year beginning October	Imports for consumption	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1986	2,740	612	1991	8,387	2,931
1987	2,941	773	1992	8,239	2,623
1988	4,856	1,404	1993	10,990	3,035
1989	5,437	2,243	1994	11,653	5,922
1990	5,403	2,874	1995	4,838	4,849

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Table 5-37.—Ginger Root: Area, yield, production, marketing year average price, and value, Hawaii, 1988–97

Year	Area harvested	Yield per acre	Total production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1988	165	49.1	8,100	62.0	5,022
1989	180	50.0	9,000	71.5	6,435
1990	190	50.0	9,500	71.5	6,793
1991	250	48.0	12,000	63.0	7,560
1992	290	40.0	11,600	55.0	6,380
1993	360	27.5	9,900	53.0	5,247
1994	150	40.0	6,000	87.0	5,220
1995	135	43.0	5,800	87.0	5,046
1996	200	47.0	9,400	75.0	7,050
1997	275	44.0	12,100	67.0	8,107

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Table 5-38.—Grapes: Production, value, and raisin production, United States, 1988–97

Year	Grapes				Raisins, production (California) [3]
	Production (fresh basis)		Market year average price per ton [2]	Value	
	Total [1]	Utilized [1]			
	1,000 tons	*1,000 tons*	*Dollars*	*1,000 dollars*	*1,000 tons*
1988 [4]	6,034	6,032	266.00	1,607,098	367
1989 [4]	5,931	5,930	314.00	1,862,888	433
1990 [4]	5,660	5,660	295.00	1,670,468	396
1991 [4]	5,556	5,555	312.00	1,735,267	348
1992 [4]	6,052	6,033	306.00	1,848,591	392
1993 [4]	6,023	6,015	333.00	2,005,476	388
1994 [4]	5,874	5,869	321.00	1,882,781	419
1995 [4]	5,922	5,913	346.00	2,047,220	306
1996 [4]	5,554	5,538	428.00	2,371,375	312
1997 [4 5]	6,836	6,833	394.00	2,691,265	410

[1] Numbers rounded. [2] 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. [3] Dried basis; 1 ton of raisins equivalent to about 4–5 tons of fresh grapes. Excludes table varieties dried. [4] Total production includes utilized production plus production not harvested: 1988—1,600 tons fresh equivalent; 1989—700 tons fresh equivalent; 1990—120 tons fresh equivalent; 1991—630 tons fresh equivalent; 1992—19,500 tons fresh equivalent; 1993—8,600 tons fresh equivalent; 1994—4,400 tons fresh equivalent; 1995—9,550 tons fresh equivalent. [5] Preliminary.

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Table 5-39.—Grapes: Production and marketing year average price per ton, by States, 1995–97

State	Total production			Utilized production			Price [2] for crop of—		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
AZ	26,000	25,000	23,000	26,000	25,000	23,000	897.00	803.00	855.00
AR	8,000	9,000	8,000	7,000	8,000	7,000	634.00	629.00	591.00
CA:									
All varieties	5,234,000	5,009,000	6,196,000	5,234,000	5,009,000	6,196,000	356.00	438.00	395.00
Wine varieties	2,275,000	2,225,000	2,700,000	2,275,000	2,225,000	2,700,000	424.00	536.00	535.00
Table varieties	707,000	592,000	750,000	707,000	592,000	750,000	523.00	650.00	485.00
Raisin varieties [3]	2,252,000	2,192,000	2,746,000	2,252,000	2,192,000	2,746,000	234.00	281.00	233.00
GA	3,200	3,500	3,700	3,000	3,300	3,400	1,110.00	1,070.00	986.00
MI	70,000	65,000	61,000	64,000	59,500	61,000	237.00	228.00	252.00
MO	2,300	2,000	1,900	2,300	2,000	1,900	480.00	480.00	479.00
NY	165,000	189,000	139,000	163,000	184,000	137,000	228.00	238.00	270.00
NC	1,300	1,200	900	1,300	900	900	782.00	757.00	967.00
OH	9,200	8,000	6,900	8,900	7,800	6,800	228.00	244.00	276.00
OR	14,000	15,000	18,500	14,000	15,000	18,500	950.00	1,020.00	1,160.00
PA	63,000	83,000	58,000	63,000	79,000	58,000	171.00	210.00	249.00
SC	300	600	500	250	525	365	1,190.00	1,090.00	1,220.00
WA	326,000	144,000	319,000	326,000	144,000	319,000	226.00	401.00	390.00
US	5,922,300	5,554,300	6,836,400	5,912,750	5,538,025	6,832,865	346.00	428.00	394.00

[1] Preliminary. [2] Fresh fruit prices are equivalent packinghouse-door returns for CA and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. [3] Fresh equivalent of dried and not dried.

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Table 5-40.—Grapes: Production and utilization, United States, 1988–97

Crop of—	Total production [1]	Utilized production	Utilization of quantities sold				
			Fresh	Processed (fresh basis)			
				Canned	Dried	Crushed for wine	Crushed for juice, etc.[2]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
1988	6,033,700	6,032,100	831,320	40,000	1,827,000	2,982,110	351,670
1989	5,930,850	5,930,050	787,230	40,000	1,864,000	2,850,050	388,770
1990	5,659,900	5,659,780	848,980	40,000	1,747,100	2,697,980	325,720
1991	5,555,900	5,555,270	800,400	41,000	1,582,500	2,717,820	413,550
1992	6,052,050	6,032,550	769,070	46,000	1,575,800	3,237,210	404,470
1993	6,023,150	6,014,550	800,600	45,000	1,677,200	3,025,580	466,170
1994	5,873,600	5,869,200	808,650	38,000	1,906,300	2,695,430	420,820
1995	5,922,300	5,912,750	852,900	35,000	1,552,500	2,973,740	498,610
1996	5,554,300	5,538,025	767,525	36,000	1,329,000	3,043,050	362,450
1997 [3]	6,836,400	6,832,865	939,665	44,000	1,719,400	3,667,350	462,450

[1] Total production includes utilized production plus production not harvested: 1988—1,600 tons fresh equivalent; 1989—700 tons fresh equivalent;1990—120 tons fresh equivalent; 1991—630 tons fresh equivalent; 1992—19,500 tons fresh equivalent; 1993—8,600 tons fresh equivalent; 1994—4,400 tons fresh equivalent; 1995—9,550 tons fresh equivalent. [2] Mostly juice, but includes some quantities used for jam, jelly, etc. [3] Preliminary.

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Table 5-41.—Grapes: Production and utilization, by States, crop of 1997 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh	Processed (fresh basis)			
				Canned	Dried [1]	Crushed for—	
						Wine	Juice, etc.[2]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
AZ	23,000	23,000	20,100	.....	2,400	.....	.....
AR	8,000	7,000	2,500	.....	.....	.....	.....
CA:							
All varieties	6,196,000	6,196,000	910,000	.....	1,717,000	3,525,000	.....
Wine varieties	2,700,000	2,700,000	45,000	.....	.....	2,655,000	.....
Table varieties	750,000	750,000	615,000	.....	15,000	120,000	.....
Raisin varieties	2,746,000	2,746,000	250,000	44,000	1,702,000	750,000	.....
GA	3,700	3,400	2,100	.....	.....	1,200	.....
MI	61,000	61,000	200	.....	.....	2,600	58,200
MO	1,900	1,900	100	.....	.....	1,750	.....
NY	139,000	137,000	3,000	.....	.....	44,000	90,000
NC	900	900	.....	.....	.....	.....	.....
OH	6,900	6,800	100	.....	.....	1,000	5,700
OR	18,500	18,500	.....	.....	.....	18,500	.....
PA	58,000	58,000	1,000	.....	.....	6,000	51,000
SC	500	365	.....	.....	.....	.....	.....
WA	319,000	319,000	.....	.....	.....	62,000	257,000
Other States	.....	.....	565	.....	.....	5,300	550
US	6,836,400	6,832,865	939,665	44,000	1,719,400	3,667,350	462,450

[1] Equivalent raisins produced (dried basis): 307,100 tons. [2] Mostly juice, but includes some quantities used for jam, jelly, etc.

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Table 5-42.—Raisins and currants: United States exports by country of destination, 1994/95–1996/97

Country of destination	Year beginning September		
	1994/95	1995/96	1996/97
	Metric tons	*Metric tons*	*Metric tons*
Europe:			
Belgium and Luxembourg	2,879	2,717	2,162
Denmark	5,174	5,645	5,436
Finland	2,027	2,262	2,150
France	202	439	470
Germany, Fed. Rep. of	8,336	9,141	5,268
Ireland	236	246	210
Italy	19	35	59
Netherlands	3,641	3,207	3,340
Norway	2,356	2,322	2,549
Spain	712	442	548
Sweden	5,350	4,323	4,384
Switzerland	227	170	157
United Kingdom	27,444	27,348	24,369
Other countries	266	304	.....
Total	58,869	58,601	51,102
Latin America:			
Brazil	944	554	978
Colombia	179	140	181
Costa Rica	46	21	11
Ecuador	33	38	27
El Salvador	12	5	6
Guatemala	22	7	17
Honduras	32	38	85
Mexico	487	577	1,637
Panama	377	422	376
Venezuela	446	378	247
Other countries	277	118	.....
Total	2,855	2,298	3,565
Bermuda and Caribbean:			
Bahamas	49	57	53
Bermuda	36	54	48
Dominican Republic	290	402	441
Haiti	16	15	24
Jamaica	29	36	86
Netherlands Antilles	79	44	258
Trinidad and Tobago	78	37	65
Other countries	10	12	.....
Total	587	657	975
Other countries:			
Australia	142	1,338	106
Canada	10,868	10,446	11,555
Hong Kong	4,234	3,764	3,971
Israel	909	660	1,018
Japan	24,221	25,591	26,152
Korea, Rep. of	3,561	4,876	2,044
Malaysia	2,076	1,423	1,688
New Zealand	1,593	18	1,413
Philippines	193	217	680
Saudi Arabia	554	508	490
Singapore	3,159	3,689	3,610
Taiwan	3,594	3,764	4,284
Thailand	73	120	214
United Arab Emirates	93	293	51
Other countries	1,775	56,707	3,610
Total	57,045	676	60,886
Grand total	119,356	118,939	116,528

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 5-43.—Grapes and raisins: Foreign trade, United States 1986–95

Year beginning October	Grapes		Raisins [1]	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*
1986	247,846	114,060	6,954	92,916
1987	307,459	116,720	9,508	104,215
1988	280,902	136,246	1,143	102,894
1989	368,236	173,706	10,414	114,727
1990	337,741	190,427	11,810	148,180
1991	310,142	218,374	7,667	140,257
1992	325,136	184,779	7,425	121,523
1993	311,027	215,505	6,432	122,628
1994	363,687	204,784	11,081	122,133
1995	341,096	240,089	11,970	118,809

[1] Raisins converted to sweatbox or production basis by multiplying by 1.08.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-44.—Guavas: Area, yield, utilized production, marketing year average price, and value, Hawaii, 1988–97

Year	Area harvested	Yield per acre	Total production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1988	865	21.5	18,560	13.4	2487
1989	965	21.3	20,600	15.0	3090
1990	1,040	23.2	24,100	15.0	3615
1991	900	15.6	14,000	14.6	2044
1992	765	17.3	13,260	14.3	1896
1993	750	20.5	15,400	14.1	2171
1994	740	23.9	17,700	14.4	2549
1995	750	21.9	16,400	14.5	2378
1996	710	23.0	16,300	13.8	2249
1997	NA	NA	NA	NA	NA

NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-45.—Nectarines: Production, utilization, and value, California, 1988–97

Crop of—	Production	Utilization		Marketing year average price per ton [2]	Value
		Fresh [1]	Processed (fresh basis)		
	Tons	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1988	217,000	216,000	1,000	394.00	85,593
1989	220,000	219,000	1,000	398.00	87,645
1990	232,000	229,500	2,500	474.00	109,999
1991	215,000	211,000	4,000	402.00	86,457
1992	236,000	233,000	3,000	312.00	73,710
1993	205,000	201,000	4,000	500.00	102,421
1994	242,000	238,000	4,000	282.00	68,168
1995	176,000	170,000	6,000	534.00	93,990
1996	247,000	239,800	7,200	474.00	116,977
1997 [3]	264,000	258,500	5,500	375.00	98,895

[1] Includes "Home use." [2] Processing fruit prices are equivalent returns at processing plant door. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-46.—Olives: Total production, marketing year average price, value, and utilization, California, 1988–97

Year	Production	Marketing year average price per ton	Value	Utilization		
				Crushed for oil	Canned	Other
	Tons	*Dollars*	*1,000 dollars*	*Tons*	*Tons*	*Tons*
1988	87,500	518.00	45,316	3,000	70,000	14,000
1989	123,000	467.00	57,458	5,500	94,000	23,000
1990	131,500	423.00	55,663	5,000	88,000	38,000
1991	65,000	559.00	36,306	1,800	53,700	9,000
1992	165,000	549.00	90,561	5,700	121,000	37,800
1993	122,000	467.00	56,991	5,300	93,000	23,200
1994	84,000	464.00	38,994	4,400	66,500	12,600
1995	77,500	646.00	50,069	4,000	58,500	14,500
1996	166,000	618.00	102,529	7,000	123,000	35,500
1997 [1]	104,000	659.00	68,560	3,600	82,200	17,700

[1] Preliminary.

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Table 5-47.—Olives and olive oil: Foreign trade, United States, 1986–95

Year beginning October	Imports				Year beginning October	Imports			
	Olives		Olive oil			Olives		Olive oil	
	In brine	Dried	Edible	Inedible		In brine	Dried	Edible	Inedible
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*		*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1986	75,167	701	61,866	89	1991	61,924	682	106,954	0
1987	72,160	696	68,101	5	1992	62,214	606	123,234	0
1988	61,748	413	.....	.....	1993	64,615	462	123,934	0
1989	64,467	700	91,142	0	1994	60,120	1,045	127,632	0
1990	60,835	487	99,698	0	1995	65,399	398	113,711	0

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Table 5-48.—Peaches: Production and value, United States, 1988–97

Year	Total production	Utilized production	Marketing year average price [1]	Value
	Million pounds	*Million pounds*	*Cents per pound*	*1,000 dollars*
1988	2,622.1	2,456.6	15.6	383,687
1989	2,362.8	2,236.8	16.4	366,274
1990	2,242.2	2,148.6	17.4	373,651
1991	2,695.5	2,515.4	15.7	396,109
1992	2,671.9	2,492.7	15.2	379,749
1993	2,660.1	2,494.2	16.0	398,852
1994	2,513.5	2,358.5	13.3	314,699
1995	2,301.5	2,191.0	18.5	404,990
1996	2,116.3	2,055.3	19.2	394,308
1997 [2]	2,651.1	2,519.0	17.9	451,202

[1] Fresh fruit prices are equivalent packinghouse-door returns for CA and WA except equivalent returns for bulk fruit at the first delivery point for CA Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. [2] Preliminary.

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Table 5-49.—Peaches: Foreign trade, United States, 1986–95

Year beginning October	Domestic exports				
	Fresh	Canned	Canned, in fruit salad [2]	Dried, in fruit salad [1 3]	Total, in terms of fresh [4]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1986	26,274	14,483	7,894	388	50,807
1987	38,906	19,831	9,475	287	69,806
1988	44,727	17,689	8,428	624	74,311
1989	51,508	13,951	9,083	646	84,728
1990	68,384	18,376	11,227	718	102,640
1991	71,416	19,308	13,428	704	108,063
1992	64,003	21,393	13,965	728	84,151
1993	83,309	18,171	10,402	831	116,499
1994	68,237	20,913	11,292	969	105,825
1995	74,825	17,776	10,698	885	108,214

[1] Net processed weight. [2] Canned peaches are 40 percent of total canned fruit for salad. [3] Dried peaches are 21 percent of total dried fruit for salad. [4] 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.

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Table 5-50.—Peaches: Production and utilization, United States, 1988–97

Crop of—	Total production [1]	Utilized production	Utilization of quantities sold				
			Fresh [2]	Processed (fresh basis)			
				Canned	Dried	Frozen	Other [3]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1988	2,622.1	2,456.6	1,231.4	986.0	41.2	131.9	66.1
1989	2,362.8	2,236.8	1,066.6	918.4	28.6	143.9	79.3
1990	2,242.2	2,148.6	942.7	960.9	27.1	168.2	49.7
1991	2,695.5	2,515.4	1,241.7	987.1	44.4	161.5	80.7
1992	2,671.9	2,492.7	1,110.2	1,096.0	40.4	164.3	81.2
1993	2,660.1	2,494.2	1,181.8	1,044.6	30.0	178.8	59.0
1994	2,513.5	2,358.5	1,043.4	1,044.5	27.0	157.8	85.8
1995	2,301.5	2,191.0	1,136.9	813.5	28.0	150.9	61.7
1996	2,116.3	2,055.3	781.3	994.3	32.7	183.2	63.8
1997 [4]	2,651.1	2,519.0	1,139.4	1,111.8	34.1	201.0	32.7

[1] Includes harvested not sold and unharvested production for California Clingstone peaches (tons): 1984, 1985, 1986, 1987, 1988, 1989, 1990—None. [2] Includes ''Home use.'' [3] Used for jams, preserves, pickles, wine, brandy, baby food, etc. Includes small quantities frozen for some years. [4] Preliminary.

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Table 5-51.—Peaches: Production and season average price per pound, 1995–97

State	Total production			Utilized production			Price[2] for crop of—		
	1995	1996	1997[1]	1995	1996	1997[1]	1995	1996	1997[1]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Dollars*	*Dollars*	*Dollars*
AL	22.0	0.5	29.0	21.0	0.5	28.0	0.285	0.506	0.302
AR	20.0	1.2	14.3	18.0	1.1	14.3	0.177	0.155	0.290
CA:									
Freestone	502.0	674.0	739.0	502.0	674.0	739.0	0.186	0.217	0.122
CO	17.0	17.0	7.0	16.0	16.0	6.5	0.496	0.496	0.661
CT	2.1	2.8	3.0	2.1	2.8	3.0	0.600	0.550	0.700
DE[3]	2.0	2.1	.....	2.0	2.1	.....	0.386	0.425	.....
GA	160.0	10.0	160.0	146.0	10.0	145.0	0.203	0.338	0.243
ID	4.0	8.5	5.5	4.0	8.2	5.2	0.345	0.470	0.574
IL	13.0	2.0	12.5	12.0	1.0	10.0	0.339	0.640	0.406
IN	5.0	2.3	3.8	4.9	2.2	3.7	0.361	0.473	0.545
KS	1.0	0.4	0.2	0.8	0.3	0.2	0.410	0.450	0.420
KY	6.0	0.7	1.3	5.3	0.6	1.0	0.322	0.623	0.299
LA	5.0	0.2	4.0	4.8	0.2	3.6	0.546	0.780	0.453
MD	12.0	9.3	9.7	11.5	8.6	9.0	0.308	0.400	0.430
MA	1.4	1.6	1.8	1.4	1.6	1.8	0.700	0.550	0.700
MI	60.0	40.0	61.0	60.0	40.0	61.0	0.210	0.272	0.265
MO	9.0	3.3	10.5	9.0	3.3	10.5	0.315	0.460	0.350
NJ	70.0	78.0	65.0	68.0	77.0	65.0	0.385	0.437	0.449
NY	11.5	12.0	12.0	11.0	11.5	11.5	0.207	0.348	0.461
NC	35.0	1.9	10.0	32.0	1.9	10.0	0.220	0.402	0.350
OH	5.8	7.1	6.0	5.8	7.1	5.8	0.421	0.462	0.400
OK[4]	30.0	.....	2.0	28.5	.....	1.8	0.370	.....	0.224
OR	9.0	11.0	13.0	9.0	11.0	12.1	0.297	0.411	0.532
PA	90.0	75.0	75.0	90.0	75.0	75.0	0.274	0.331	0.338
SC	215.0	8.0	160.0	190.0	6.6	105.0	0.180	0.591	0.207
TN	10.4	0.4	3.5	5.2	0.4	3.0	0.354	0.675	0.380
TX	24.0	6.0	20.0	18.0	5.2	16.0	0.360	0.740	0.350
UT	6.3	7.0	7.0	6.2	6.6	6.5	0.250	0.320	0.270
VA	26.0	14.0	9.0	25.0	13.0	8.0	0.230	0.340	0.280
WA	44.0	11.0	45.0	44.0	11.0	45.0	0.318	0.464	0.429
WV	18.0	16.0	13.0	16.5	15.5	12.5	0.224	0.369	0.295
Total above	1,436.5	1,023.3	1,503.1	1,370.0	1,014.3	1,419.0	0.231	0.276	0.217
CA:									
Clingstone	865.0	1,093.0	1,148.0	821.0	1,041.0	1,100.0	0.107	0.110	0.130
US	2,301.5	2,116.3	2,651.1	2,191.0	2,055.3	2,519.0	0.185	0.192	0.179

[1] Preliminary. [2] Fresh fruit prices are equivalent packinghouse-door returns for CA and WA except equivalent returns for bulk fruit at the first delivery point for CA Clingstone, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. [3] Estimates discontinued in 1997. [4] Mainly for canning. Total production includes harvested not sold and unharvested production as follows (million pounds): 70.0 in 1987, 74.0 in 1988, and 65.0 in 1989.

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Table 5-52.—Peaches: Production and utilization, by States, crop of 1997 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh[1]	Processed (fresh basis)			
				Canned	Dried	Frozen	Other[2]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
CA, all[3]	1,887.0	1,839.0	.....	1,083.3	.....	.....	.....
Clingstone[3]	1,148.0	1,100.0	.....	1,062.0	.....	.....	.....
Freestone	739.0	739.0	498.1	21.3	34.1	178.9	.....
GA	160.0	145.0	.....	.....	.....	.....	.....
NJ	65.0	65.0	.....	.....	.....	.....	.....
PA	75.0	75.0	.....	.....	.....	.....	.....
SC	160.0	105.0	96.0	.....	.....	.....	.....
WA	45.0	45.0	.....	.....	.....	.....	.....
Other States	259.1	245.0	545.3	28.5	.....	22.1	32.7
US	2,651.1	2,519.0	1,139.4	1,111.8	34.1	201.0	32.7

[1] Includes "Home use." [2] Used for jams, preserves, brandy, etc. [3] Difference between total and utilized production is harvested not sold and unharvested production.

NASS, Crops Branch, (202) 720–2127.

Table 5-53.—Peaches, canned: United States exports by country of destination, 1994/95–1996/97

Country of destination	Year beginning June		
	1994/95	1995/96	1996/97
	Metric tons	*Metric tons*	*Metric tons*
Caribbean:			
Bahamas	22	41	50
Bermuda	14	25	17
Dominican Republic	10	9	10
Haiti	2	0	4
Jamaica & Dep	6	20	2
Netherlands Antilles	9	0	24
Trinidad and Tobago	0	5	0
Total	64	100	107
Central America:			
Costa Rica	441	752	494
El Salvador	117	186	214
Guatamala	200	186	217
Honduras	4	0	81
Panama	202	195	102
Total	963	1,319	1,108
Eastern Europe:			
Poland	19	0	0
Total	19	0	0
European Union:			
Belgium and Luxembourg	0	4	0
Finland	6	16	0
France	13	9	0
Germany	74	48	233
Greece	167	69	0
Netherlands	42	46	27
Spain	83	151	0
Sweden	0	19	17
United Kingdom	99	45	77
Total	484	407	354
Former Soviet Union:			
Latvia	45	0	.....
Russian Federation	185	176	0
Total	230	176	1,077
Middle East:			
Bahrain	104	37	15
Israel	0	16	13
Jordan	19	11	3
Kuwait	40	150	161
Lebanon	17	20	9
Oman	14	0	0
Qatar	14	38	23
Saudi Arabia	137	166	201
Turkey	0	200	0
United Arab Emirates	119	67	57
Yemen	18	0	0
Total	483	705	482
North America:			
Canada	3,908	5,589	4,192
Mexico	454	294	451
Total	4,363	5,883	4,643
Oceania:			
Australia	0	0	18
French Pacific Islands	56	36	47
Marshal Islands	0	8	0
Total	56	44	65
Other Africa:			
South Africa; Republic	35	36	0
Total	35	36	0
Other Asia:			
Brunei	9	3	3
Hong Kong	943	867	809
Indonesia	7	51	26
Japan	4,595	4,290	2,559
Korea; Republic of	2,314	2,495	1,593
Malaysia	44	36	66
Philippines	1,018	617	442
Singapore	1,164	958	900
Taiwan	1,259	1,852	1,295
Thailand	15	19	66
Total	11,368	11,187	7,759
Other West Europe:			
Norway	35	21	58
Total	35	21	58
South America:			
Brazil	10	866	0
Chile	0	76	95
Colombia	85	114	94
Ecuador	417	73	65
Paraguay	0	15	0
Peru	40	186	32
Surinam	0	6	0
Venezuela	93	81	56
Total	645	1,417	342
South Asia:			
Bangaladesh	0	0	5
Sri Lanka	25	0	0
Total	25	0	5
Grand total	18,769	21,293	16,000

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Table 5-54.—Pears: Production and value, United States 1988–97

Year	Total production	Utilized production	Marketing year average price [1]	Value	Year	Total production	Utilized production	Marketing year average price [1]	Value
	Tons	*Tons*	*Dollars per ton*	*1,000 dollars*		*Tons*	*Tons*	*Dollars per ton*	*1,000 dollars*
1988	860,400	859,950	274.00	235,271	1993	948,250	946,900	245.00	232,010
1989	915,800	915,450	277.00	253,262	1994	1,046,150	1,045,550	223.00	233,107
1990	962,150	962,000	279.00	268,857	1995	948,250	947,550	272.00	257,964
1991	903,000	902,850	303.00	273,666	1996	820,750	820,250	376.00	308,367
1992	923,200	921,350	295.00	272,205	1997 [2] ...	1,044,000	1,043,440	287.00	299,621

[1] Fresh fruit prices are equivalent packinghouse-door returns for CA, OR, and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level. [2] Preliminary.

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Table 5-55.—Pears: Production and season average price per ton, by States, 1995–97

Variety and State	Total production			Utilized production			Price [2] for crop—		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
CA, all	267,000	317,000	312,000	267,000	317,000	312,000	237.00	289.00	274.00
Bartlett	247,000	287,000	282,000	247,000	287,000	282,000	212.00	267.00	264.00
Other	20,000	30,000	30,000	20,000	30,000	30,000	537.00	500.00	371.00
CO	2,900	1,200	3,000	2,800	1,100	2,980	357.00	436.00	318.00
CT	950	1,050	1,100	950	1,050	1,100	700.00	725.00	730.00
MI	5,500	6,000	4,000	5,000	6,000	4,000	280.00	260.00	243.00
NY	14,500	15,000	9,000	14,500	15,000	9,000	372.00	383.00	384.00
OR, all	230,000	175,000	255,000	230,000	175,000	254,500	284.00	457.00	323.00
Bartlett	70,000	45,000	75,000	70,000	45,000	74,500	252.00	361.00	291.00
Other	160,000	130,000	180,000	160,000	130,000	180,000	298.00	490.00	336.00
PA	6,300	4,000	4,000	6,300	3,900	4,000	364.00	505.00	552.00
UT	1,100	1,500	900	1,000	1,200	860	460.00	483.00	586.00
WA, all	420,000	300,000	455,000	420,000	300,000	455,000	281.00	419.00	270.00
Bartlett	180,000	105,000	205,000	180,000	105,000	205,000	230.00	376.00	257.00
Other	240,000	195,000	250,000	240,000	195,000	250,000	320.00	442.00	281.00
US	948,250	820,750	1,044,000	947,550	820,250	1,043,440	272.00	376.00	287.00

[1] Preliminary. [2] Fresh fruit prices are equivalent packinghouse-door returns for CA, OR, and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

NASS, Crops Branch, (202) 720–2127.

Table 5-56.—Pears, fresh (dessert and cooking): Production in specified countries, 1994/95–1996/97 [1]

Continent and country	1994/95	1995/96	1996/97 [2]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	15.8	11.3	14.6
Mexico	30.0	27.7	36.5
United States	949.1	860.2	744.6
Total	994.9	899.2	795.7
South America:			
Argentina	491.0	492.8	574.6
Chile	236.0	252.0	252.0
Total	727.0	744.8	826.6
European Union:			
Austria[2]	37.6	46.5	41.4
Belgium/Luxembourg	155.1	157.3	138.5
Denmark	7.8	7.4	6.3
France	343.6	320.9	354.3
Germany	328.7	319.6	317.0
Greece	73.0	55.5	64.0
Italy	1,022.0	958.0	1,074.0
Netherlands	140.0	165.0	135.0
Spain	543.0	469.0	656.5
Sweden[2]	5.8	8.0	6.2
United Kingdom	25.8	34.8	40.2
Total	2,644.8	2,495.5	2,792.0
Other Europe:			
Norway	3.2	3.3	2.6
Turkey	410.0	410.0	415.0
Total	413.2	413.3	417.6
Total Europe	3,058.0	2,908.8	3,209.6
Africa:			
South Africa	256.4	242.5	276.9
Total	256.4	242.5	276.9
Asia:			
Japan	431.1	400.3	396.8
Total	431.1	400.3	396.8
Oceania:			
Australia	155.2	159.2	155.8
New Zealand	20.7	18.8	20.2
Total	175.9	178.0	176.0
Total specified countries	5,643.3	5,373.6	5,681.6

[1] May include some cider varieties in countries not reporting separately. [2] Austria and Sweden now members of the European Union.

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Table 5-57.—Pears: Foreign trade, United States, 1986–95

Year beginning October	Imports for consumption, fresh	Domestic exports				
		Fresh [1]	Canned	Dried, in fruit salad [1 2]	Canned, in fruit salad [3]	Total, in terms of fresh fruit [4]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1986	31,733	36,932	1,003	308	6,907	46,786
1987	32,499	44,882	1,140	228	8,291	55,752
1988	39,948	64,653	1,192	495	9,060	78,029
1989	41,292	93,715	2,155	513	7,948	107,153
1990	45,585	99,392	3,623	570	9,824	116,544
1991	59,133	119,376	6,165	559	11,750	140,819
1992	64,825	98,818	3,441	578	12,219	182,782
1993	65,283	137,046	3,076	600	9,102	218,118
1994	48,063	127,961	5,038	769	9,881	195,571
1995	57,372	144,437	7,250	702	9,361	222,645

[1] Net processed weight. [2] Dried pears are 16⅔ percent of total dried fruit for salad. [3] Canned pears are 35 percent of total canned fruit for salad. [4] Dried converted to unprocessed dry weight by dividing by 1.03. Unprocessed dry weight converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh. Canned converted to terms of fresh on basis that 1 pound of canned equals about 1 pound fresh.

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Table 5-58.—Pears: Production and utilization, by States, crop of 1997 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh [1]	Processed [2]
	Tons	*Tons*	*Tons*	*Tons*
CA, all	312,000	312,000	(3)	(3)
Bartlett	282,000	282,000	68,000	214,000
Other	30,000	30,000	(3)	(3)
CO	3,000	2,980	(3)	(3)
CT	1,100	1,100	1,100	(3)
MI	4,000	4,000	(3)	(3)
NY	9,000	9,000	(3)	(3)
OR, all	255,000	254,500	(3)	(3)
Bartlett	75,000	74,500	33,500	41,000
Other	180,000	180,000	(3)	(3)
PA	4,000	4,000	(3)	(3)
UT	900	860	860	(3)
WA, all	455,000	455,000	(3)	(3)
Bartlett	205,000	205,000	50,000	155,000
Other	250,000	250,000	(3)	(3)
US	1,044,000	1,043,440	583,720	459,720

[1] Includes "Home use." [2] Mostly canned, but includes small quantities dried, juiced, and other uses. [3] Data not published to avoid disclosure of individual operations, but included in U.S. totals.

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Table 5-59.—Pears: Production and utilization, United States, 1988–97

Crop of—	Total production	Utilized production	Utilization of quantities sold—Fresh [1]
	Tons	*Tons*	*Tons*
1988	860,400	859,950	426,690
1989	915,800	915,450	453,220
1990	962,150	962,000	465,610
1991	903,000	902,850	462,000
1992	923,200	921,350	442,180
1993	948,250	946,900	507,800
1994	1,046,150	1,045,550	551,100
1995	948,250	947,550	544,510
1996	820,750	820,250	459,550
1997 [2]	1,044,000	1,043,440	583,720

[1] Includes "Home use." [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-60.—Papayas: Area, utilized production, utilization, marketing year average price, and value, Hawaii, 1988–97

Year	Area harvested	Utilized production	Utilization		Price per pound	Value
			Fresh	Processed		
	Acres	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1988	2,300	69,000	57,000	12,000	17.9	12,354
1989	2,500	74,000	64,000	10,000	19.4	14,380
1990	2,400	68,500	58,000	10,500	21.6	14,805
1991	2,025	55,350	48,150	7,200	29.3	16,228
1992	2,415	71,300	55,800	15,500	20.2	14,415
1993	2,555	63,700	58,200	5,500	21.5	13,673
1994	2,200	62,000	56,200	5,800	22.3	13,831
1995	2,435	50,800	41,900	8,900	36.4	18,494
1996	1,835	41,800	37,800	4,000	40.8	17,054
1997 [1]	2,000	41,000	35,600	5,400	46.4	19,030

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-61.—Plums, California: Production, value, and utilization, 1988–97

Season	Total production	Utilized production	Marketing year average price per ton [1]	Value
	Tons	*Tons*	*Dollars*	*1,000 dollars*
1988	216,000	216,000	475.00	102,661
1989	216,000	216,000	445.00	96,146
1990	223,000	223,000	603.00	134,412
1991	218,000	218,000	449.00	97,894
1992	250,000	250,000	252.00	63,033
1993	185,000	185,000	508.00	93,954
1994	247,000	247,000	321.00	79,358
1995	124,000	124,000	950.00	117,849
1996	228,000	228,000	420.00	95,831
1997 [2]	243,000	243,000	312.00	75,886

[1] Fresh fruit prices are equivalent returns at point of first sale. Processing fruit prices are equivalent returns at processing plant door. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-62.—Prunes and plums: [1] Production, value, and utilization, 4-States, 1988–97

Year	Total production	Utilized production	Marketing year average price per ton	Value	Utilization of quantities sold			
					Fresh [2]	Processed (fresh basis)		
						Dried and other	Canned	Frozen
	Tons	*Tons*	*Dollars*	*1,000 dollars*	*Tons*	*Tons*	*Tons*	*Tons*
1988	53,000	49,600	181.00	8,976	24,000	9,400	14,400	1,800
1989	47,000	43,850	207.00	9,079	22,750	6,950	12,950	1,200
1990	47,800	43,200	195.00	8,444	24,300	8,400	9,600	900
1991	24,100	23,800	283.00	6,747	12,990	3,010	6,850	950
1992	44,600	44,400	192.00	8,524	21,060	9,440	13,400	500
1993	28,200	25,930	183.00	4,746	13,790	2,890	8,700	550
1994	38,100	32,100	168.00	5,401	13,550	6,800	10,650	1,100
1995	22,500	21,480	313.00	6,718	12,200	2,730	5,650	900
1996	20,000	19,100	446.00	8,525	11,050	1,900	5,700	450
1997 [3]	29,000	27,100	290.00	7,860	12,100	3,100	10,000	1,900

[1] ID, MI, OR, and WA. Mostly prunes; however, estimates include small quantities of plums in all States. [2] Includes "Home use." [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-63.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1995–97

State	Total production			Utilized production			Price [2] for crop of—		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
ID	3,000	5,500	4,500	2,980	5,100	4,100	625.00	599.00	531.00
MI	7,500	2,500	5,000	7,000	2,500	5,000	229.00	335.00	355.00
OR	5,500	6,000	13,000	5,000	5,500	11,500	241.00	354.00	236.00
WA	6,500	6,000	6,500	6,500	6,000	6,500	315.00	448.00	184.00
Total, 4 States	22,500	20,000	29,000	21,480	19,100	27,100	313.00	446.00	290.00

[1] Preliminary. [2] Fresh fruit prices are equivalent packinghouse-door returns for OR and WA, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

NASS, Crops Branch, (202) 720–2127.

Table 5-64.—Prunes (dried basis): Production, price and value, California, 1988–97 [1]

Season	Production [2]	Marketing year average price per ton [3]	Value
	Tons	*Dollars*	*1,000 dollars*
1988	151,000	782.00	118,082
1989	226,000	779.00	176,054
1990	147,000	873.00	128,331
1991	187,000	940.00	175,780
1992	184,000	1,030.00	189,520
1993	121,000	1,120.00	135,520
1994	193,000	1,090.00	210,370
1995	181,000	1,040.00	188,240
1996	223,000	839.00	187,097
1997 [4]	212,000	NA	NA

[1] The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit. [2] Production all utilized. [3] Equivalent returns at the processing plant door. [4] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-65.—Prunes and plums: Utilization and marketing year average price per ton, by State, 1991–97 [1]

State and season	Quantity				Price [4]			
	Fresh [2]	Dried and other [3]	Canned	Frozen	Fresh	Dried and other	Canned	Frozen
	Tons	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
MI:								
1991	3,500	(5)	3,400	(5)	337.00	(5)	282.00	(5)
1992	4,000	(5)	4,400	(5)	311.00	(5)	224.00	(5)
1993	2,000	(5)	4,300	(5)	410.00	(5)	180.00	(5)
1994	1,700	(5)	3,650	(5)	230.00	(5)	140.00	(5)
1995	3,300	(5)	3,150	(5)	340.00	(5)	125.00	(5)
1996	1,250	(5)	900	(5)	360.00	(5)	300.00	(5)
1997	1,500	(5)	3,100	(5)	460.00	(5)	305.00	(5)
WA:								
1991	4,800	(5)	(5)	(5)	332.00	(5)	(5)	(5)
1992	6,000	(5)	(5)	(5)	229.00	(5)	(5)	(5)
1993	4,600	(5)	(5)	(5)	189.00	(5)	(5)	(5)
1994	4,600	(5)	(5)	(5)	208.00	(5)	(5)	(5)
1995	4,500	(5)	(5)	(5)	392.00	(5)	(5)	(5)
1996	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
1997	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Total 4 States: [6]								
1991	12,990	3,010	6,850	950	334.00	125.00	257.00	282.00
1992	21,060	9,440	13,400	500	243.00	131.00	154.00	204.00
1993	13,790	2,890	8,700	550	206.00	78.00	184.00	156.00
1994	13,550	6,800	10,650	1,100	255.00	75.00	122.00	123.00
1995	12,200	2,730	5,650	900	441.00	118.00	153.00	176.00
1996	11,050	1,900	5,700	450	577.00	175.00	294.00	311.00
1997	12,100	3,100	10,000	1,900	464.00	80.00	171.00	153.00

[1] ID, MI, OR, and WA. Mostly prunes; however, estimates include small quantities of plums in all States. [2] Includes "Home use." [3] Some quantities otherwise processed are included to avoid disclosure of individual operations. [4] Prices for fresh sales are average prices as sold for ID and MI; equivalent packinghouse door returns for OR and WA. Quantities processed are priced at the equivalent processing plant door level. [5] Not published to avoid disclosure of individual operations, but is included in total. [6] Includes ID and OR.

NASS, Crops Branch, (202) 720–2127.

Table 5-66.—Prunes, dried: United States exports by country of destination, 1994/95–1996/97

Country of destination	Year beginning September		
	1994/95	1995/96	1996/97
	Metric tons	*Metric tons*	*Metric tons*
Europe:			
Austria	322	394	340
Belgium and Luxembourg	715	479	268
Denmark	1,454	2,449	1,592
Finland	1,719	1,628	1,600
France	696	51	148
Germany, Fed. Rep. of	10,262	11,449	10,269
Greece	261	99	84
Ireland	30	49	32
Italy	6,644	6,543	5,745
Netherlands	2,912	2,950	2,039
Norway	1,146	1,107	1,095
Spain	1,152	1,251	1,276
Sweden	2,165	1,827	1,693
Switzerland	88	71	124
United Kingdom	4,963	5,520	5,734
Other countries	70	136	.....
Total	34,599	36,003	32,039
Latin America:			
Brazil	248	337	268
Colombia	69	98	24
Costa Rica	63	81	53
Ecuador	.....	28	34
El Salvador	.....	11	12
Guatemala	1	15	.....
Mexico	837	1,019	1,073
Panama	127	117	93
Venezuela	167	82	185
Other countries	93	31	.....
Total	1,605	1,819	1,742
Bermuda and Caribbean:			
Bahamas	.....	11	6
Bermuda	16	3	6
Dominican Republic	109	88	144
Haiti	5	1	9
Jamaica	.....	36	17
Netherlands Antilles	180	569	2,039
Trinidad and Tobago	26	30	13
Other countries	59	53	.....
Total	395	791	2,234
Other countries:			
Australia	229	470	917
Canada	4,250	4,169	4,215
Hong Kong	500	561	1,073
Israel	612	1,015	1,029
Japan	13,553	13,088	15,408
Korea	.....	.....	17
Malaysia	293	290	389
New Zealand	467	404	722
Phillipines	.....	132	661
Saudi Arabia	.....	135	31
Singapore	745	1,085	3,175
Taiwan	1,276	702	905
Thailand	.....	89	79
United Arab Emirates	.....	118	84
Poland	.....	462	945
Egypt	.....	513	335
Total	23,025	23,233	29,985
Other countries	1,100	571	1,014
Grand total	59,624	62,417	67,014

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 5-67.—Prunes: Foreign trade, United States, 1986–95

Year beginning October	Imports				Domestic exports			
	Fresh prunes and plums	Otherwise prepared or preserved	Dried prunes [1]	Total, in terms of fresh [2]	Fresh prunes and plums	Dried prunes [1]	Dried, in fruit salad [1 3]	Total, in terms of fresh [2]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1986	17,937	871	1,354	22,235	33,312	52,648	795	172,058
1987	16,943	457	444	18,507	39,862	59,299	588	195,338
1988	21,879	365	717	24,068	27,585	58,031	1,278	211,560
1989	22,746	622	413	24,377	73,208	74,746	1,322	270,692
1990	24,170	698	372	25,764	27,098	100,081	1,469	337,737
1991	24,115	664	399	25,748	68,273	90,975	1,442	308,202
1992	23,639	837	2,052	29,718	56,952	84,755	1,492	280,862
1993	21,741	921	4,588	41,932	69,913	57,936	1,702	204,743
1994	23,292	877	377	32,155	40,429	60,247	1,984	196,810
1995	20,216	826	250	28,291	67,194	62,545	1,812	229,541

[1] Net processed weight. [2] 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. ''Otherwise prepared or preserved'' converted to terms of fresh fruit on the basis that 1 pound equals 0.899 pound fresh. [3] Dried prunes in salad estimated at 43 percent of total dried fruit for salad.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-68.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1995–97

Utilization, season, and State	Production			Value per unit		
	1995	1996	1997 [1]	1995	1996	1997 [1]
FOR FRESH MARKET [2]	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
Winter:						
FL	1,680	1,560	1,769	70.60	72.20	82.60
Total	1,680	1,560	1,769	70.60	72.20	82.60
Spring:						
AR	12	4	13	70.00	75.00	85.00
CA	9,048	9,989	9,618	57.40	52.50	61.40
LA	95	64	72	57.00	61.00	60.00
MI	90	56	87	71.00	78.00	80.00
NJ	15	16	18	62.90	68.80	83.30
NY	84	82	95	107.00	120.00	101.00
NC	192	162	180	64.10	67.00	70.00
OH	50	36	34	84.00	89.00	93.00
OR	49	48	35	60.40	75.30	86.00
PA	64	56	55	90.00	97.00	90.00
WA	34	25	25	69.00	85.00	96.00
WI	55	44	56	94.00	98.00	102.00
Total	9,788	10,582	10,288	58.70	54.20	62.80
US	11,468	12,142	12,057	60.50	56.50	65.70
PROCESSING						
Spring:						
CA	3,932	3,619	3,716	23.40	16.70	25.80
MI	12	4	11	36.00	36.00	41.00
OR	550	430	465	43.40	44.70	36.00
WA	70	80	73	44.00	56.00	34.00
US	4,564	4,133	4,265	26.20	20.40	27.10

[1] Preliminary. [2] Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.

NASS, Crops Branch, (202) 720–2127.

Table 5-69.—Strawberries, commercial crop: Area, yield, production, value per hundred weight, and total value, United States, 1988–97

Year	Fresh market and processing					Fresh market [3]			Processing		
	Area for harvest	Yield per acre	Production [1]	Value [2]		Production	Value [2]		Production	Value [2]	
				Per cwt	Total		Per cwt	Total		Per cwt	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*1,000 dollars*	*1,000 cwt.*	*Dollars per cwt.*	*1,000 dollars*	*1,000 cwt.*	*Dollars per cwt.*	*1,000 dollars*
1988	47,150	250	11,791	46.20	544,279	8,555	54.10	462,690	3,236	25.20	81,589
1989	46,100	248	11,420	47.10	537,756	8,616	53.90	464,499	2,804	26.10	73,257
1990	46,080	272	12,537	47.00	589,588	8,636	55.30	477,487	3,901	28.70	112,101
1991	46,080	296	13,656	46.20	631,458	9,682	54.00	522,567	3,974	27.40	108,891
1992	49,530	269	13,348	52.30	698,004	9,997	61.50	615,243	3,351	24.70	82,761
1993	51,330	282	14,471	46.40	670,753	10,114	54.10	546,849	4,357	28.40	123,904
1994	49,030	336	16,494	50.80	837,038	11,485	60.20	691,310	5,009	29.10	145,728
1995	48,330	332	16,032	50.70	812,668	11,468	60.50	693,283	4,564	26.20	119,385
1996	47,970	339	16,275	47.30	770,391	12,142	56.50	686,109	4,133	20.40	84,282
1997 [4]	44,690	365	16,322	55.60	907,523	12,057	65.70	791,977	4,265	27.10	115,546

[1] Excludes the following quantities not harvested and not marked because of economic conditions (1,000 hundredweight): 11 in 1986, 239 in 1987, 4 in 1988, 9 in 1989, 13 in 1990, 7 in 1991, 8 in 1992, 6 in 1993, and 50 in 1995. [2] Fresh market price and value on f.o.b. basis. Processing price and value at processing plant door. [3] Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-70.—Strawberries, commercial crop: Area harvested, production, value per hundred weight, by States, 1995–97 [1]

Season and State	Area harvested			Production			Value per unit		
	1995	1996	1997 [2]	1995	1996	1997 [2]	1995	1996	1997 [2]
Winter:	*Acres*	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	6,000	6,000	6,100	1,680	1,560	1,769	70.60	72.20	82.60
Total	6,000	6,000	6,100	1,680	1,560	1,769	70.60	72.20	82.60
Spring:									
AR	180	170	190	12	4	13	70.00	75.00	85.00
CA	23,600	25,200	22,600	12,980	13,608	13,334	47.10	43.00	51.50
LA	1,000	850	650	95	64	72	57.00	61.00	60.00
MI	1,700	1,500	1,500	102	60	98	66.90	75.20	75.60
NJ	450	450	400	15	16	18	62.90	68.80	83.30
NY	2,400	2,100	2,100	84	82	95	107.00	120.00	101.00
NC	2,400	1,800	1,500	192	162	180	64.10	67.00	70.00
OH	1,100	1,000	950	50	36	34	84.00	89.00	93.00
OR	5,700	5,200	5,000	599	478	500	44.80	47.80	39.50
PA	1,400	1,300	1,200	64	56	55	90.00	97.00	90.00
WA	1,300	1,300	1,400	104	105	98	52.20	62.90	49.80
WI	1,100	1,100	1,100	55	44	56	94.00	98.00	102.00
Total	42,330	41,970	38,590	14,352	14,715	14,553	48.40	44.70	52.30
US	48,330	47,970	44,690	16,032	16,275	16,322	50.70	47.30	55.60

[1] Includes quantities used for fresh market and processing. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-71.—Fruits, noncitrus: Production, utilization, and value, United States, 1988–97 [1]

Year	Utilized production	Fresh [2]	Processed						
			Canned	Dried	Juice	Frozen	Wine	Other	Value of utilized 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 dollars*
1988	15,911	5,909	2,375	2,546	1,415	459	2,983	224	5,102,962
1989	16,345	6,104	2,266	2,857	1,580	479	2,869	190	5,279,382
1990	15,640	6,093	2,244	2,440	1,448	506	2,717	192	5,525,279
1991	15,740	6,215	2,119	2,417	1,583	501	2,739	167	6,021,210
1992	16,997	6,485	2,383	2,369	1,743	497	3,256	264	6,036,615
1993	16,555	6,591	2,040	2,339	1,743	627	3,029	186	6,132,438
1994	17,341	6,710	2,093	2,816	1,881	669	2,711	227	6,269,879
1995	16,356	6,292	1,754	2,400	1,852	652	2,992	205	6,817,748
1996	16,117	6,325	1,873	2,275	1,577	610	3,043	180	7,255,293
1997 [3]	17,656	NA	NA	NA	NA	NA	NA	NA	7,835,253

[1] Includes the following crops: Apples, apricots, avocados, bananas, berries (beginning 1992), cherries, cranberries, dates, figs, grapes, guavas (beginning in 1988), kiwifruit, nectarines, olives, papayas, peaches, pears, pineapples, plums, pomegranates (discontined after 1989), prunes, and strawberries. [2] Includes ''Home Use,'' local and roadside sales. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-72.—Fruits: Arrivals at 4 markets, by commodities, 1996

Commodity	Baltimore [1]			Boston			New York [3]			Philadelphia		
	Rail, boat, and air	Motor-truck [2]	Total	Rail, boat, and air	Motor-truck [2]	Total	Rail, boat, and air	Motor-truck [2]	Total	Rail, boat, and air	Motor-truck [2]	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.*
Citrus:												
Grapefruit	22	230	252	44	166	210	203	397	600	100	154	254
Lemons	36	118	154	159	115	274	311	393	704	146	107	253
Limes	.....	35	35	.....	47	47	.....	378	378	.....	15	15
Mixed citrus	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oranges	108	510	618	513	341	854	919	635	1,554	490	415	905
Tangelos	.....	16	16	.....	7	7	.....	17	17	.....	12	12
Tangerines	3	75	78	4	54	58	24	195	219	16	48	64
Temples	.....	8	8	.....	11	11	.....	15	15	.....	7	7
Citrus, other [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	169	992	1,161	720	741	1,461	1,457	2,030	3,487	752	758	1,510
Non-citrus:												
Apples	21	507	528	121	336	457	249	1,022	1,271	131	271	402
Apricots	.....	5	5	.....	3	3	.....	11	11	.....	3	3
Avocados	.....	36	36	.....	48	48	.....	217	217	.....	19	19
Bananas	.....	1,580	1,580	.....	2,384	2,384	.....	514	514	.....	502	502
Blueberries	.....	18	18	.....	27	27	.....	32	37	.....	8	8
Cherries	1	13	14	4	18	22	.....	43	43	.....	21	21
Cranberries	.....	2	2	.....	1	1	.....	.....	.....	.....	1	1
Grapes, table	4	344	348	58	357	415	121	459	580	108	196	304
Grapes, juice	1	.....	1	13	7	20	43	.....	43	17	13	30
Kiwifruit	.....	13	13	.....	15	15	.....	21	21	4	8	12
Mangoes	.....	21	21	2	45	47	1	188	189	.....	39	39
Mixed deciduous	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nectarines	5	82	87	40	69	109	73	130	203	45	49	94
Papaya	.....	3	3	.....	3	3	.....	25	25	.....	1	1
Peaches	3	107	110	35	98	133	60	193	253	33	58	91
Pears	3	136	139	35	145	180	90	442	532	91	114	205
Persimmons	.....	3	3	.....	2	2	.....	11	11	.....	3	3
Pineapples	18	58	76	26	54	80	1	94	95	.....	5	5
Plantains	.....	47	47	.....	25	25	.....	202	202	.....	1	1
Plums	3	74	77	30	56	86	58	147	205	36	57	93
Prunes	.....	1	1	.....	.....	.....	.....	2	2	.....	.....	.....
Pomegranates	.....	4	4	.....	4	4	.....	7	7	.....	3	3
Strawberries	.....	218	218	3	192	195	.....	230	230	.....	298	298
Fruits, other	.....	3	3	.....	4	4	.....	12	12	.....	2	2
Total	59	3,275	3,334	367	3,893	4,260	696	4,007	4,703	465	1,672	2,137
Grand total	228	4,267	4,495	1,087	4,634	5,721	2,153	6,037	8,190	1,217	2,430	3,647

[1] Includes Washington. [2] Includes Newark. [3] Estimated percentages of completeness for reported truck arrivals for 1996 are as follows: Baltimore 90, Boston 88, New York 75, and Philadelphia 92. [4] Not otherwise specified.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720–3343.

Table 5-73.—Fruits, fresh: Arrivals at 4 markets, by commodities, 1996

Commodity	Atlanta			Chicago			Los Angeles			San Francisco [2]		
	Rail, boat, and air	Motor-truck [1]	Total	Rail, boat, and air	Motor-truck [1]	Total	Rail, boat, and air	Motor-truck [1]	Total	Rail, boat, and air	Motor-truck [1]	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.*
Citrus:												
Grapefruit	.....	121	121	119	316	435	.....	574	574	.....	325	325
Lemons	.....	162	162	308	429	737	9	600	609	.....	276	276
Limes	.....	72	72	.....	276	276	.....	299	299	.....	172	172
Mixed citrus	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oranges	2	413	415	597	779	1,376	4	2,234	2,238	.....	1,230	1,230
Tangelos	.....	9	9	1	25	26	.....	10	10	.....	29	29
Tangerines	.....	72	72	2	105	107	.....	259	259	.....	175	175
Temples	.....	14	14	.....	9	9	.....	.....	.....	.....	.....	.....
Citrus, other [3]	.....	2	2	.....	16	16	.....	11	11	.....	32	32
Total	2	865	867	1,027	1,955	2,982	13	3,987	4,000	.....	2,239	2,239
Noncitrus:												
Apples	12	518	530	364	880	1,244	2	2,315	2,317	.....	1,229	1,229
Apricots	.....	.....	.....	.....	17	17	4	12	16	1	23	24
Avocados	.....	46	46	.....	229	229	32	303	335	.....	257	257
Bananas	.....	999	999	.....	1,500	1,500	6,070	2,337	8,407	.....	2,904	2,904
Blueberries	.....	1	1	4	28	32	1	15	16	.....	10	10
Cherries	.....	2	2	2	23	25	2	48	50	.....	67	67
Cranberries	.....	1	1	.....	1	1	.....	7	7	.....	3	3
Grapes, table	.....	244	244	114	450	564	167	393	560	.....	585	585
Grapes, juice	.....	.....	.....	26	.....	26	.....	.....	.....	.....	.....	.....
Kiwifruit	.....	8	8	.....	17	17	6	10	16	.....	18	18
Mangoes	.....	14	14	.....	91	91	14	269	283	.....	265	265
Mixed deciduous	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nectarines	.....	34	34	64	164	228	39	199	238	.....	180	180
Papaya	.....	.....	.....	.....	18	18	41	69	110	13	67	80
Peaches	.....	61	61	65	195	260	37	182	219	.....	212	212
Pears	.....	69	69	193	478	671	29	669	698	.....	331	331
Persimmons	.....	.....	.....	.....	.....	.....	.....	17	17	.....	13	13
Pineapples	.....	47	47	.....	220	220	77	6	83	145	4	149
Plaintains	.....	2	2	.....	3	3	.....	4	4	.....	67	67
Plums	.....	39	39	57	140	197	20	115	135	.....	89	89
Prunes	.....	.....	.....	.....	1	1	.....	.....	.....	.....	5	5
Pomegranates	.....	.....	.....	.....	5	5	.....	8	8	.....	7	7
Strawberries	.....	171	171	.....	281	281	2	509	511	.....	231	231
Fruits, other [3]	.....	.....	.....	.....	3	3	2	27	29	.....	30	30
Total	12	2,256	2,268	889	4,744	5,633	6,545	7,514	14,059	159	6,597	6,756
Grand total	14	3,121	3,135	1,916	6,699	8,615	6,558	11,501	18,059	159	8,836	8,995

[1] Includes Oakland. [2] Estimated percentages of completeness for reported truck arrivals for 1996 are as follows: Atlanta 97, Chicago 92, Los Angeles 90, and San Francisco 88. [3] Not otherwise specified.

AMS, Fruit and Vegetables Division, Market News Branch (202) 720–3343.

Table 5-74.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1996

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.*
Citrus:													
Grapefruit	3,073	3,571	3,330	2,131	638	69	51	33	125	1,809	2,387	2,487	19,704
Lemons	83	91	114	116	90	49	44	53	43	41	70	85	879
Limes	16	2	4	1	...	20	42	31	24	16	10	15	181
Mixed citrus	...	...	...	...	...	...	...	...	...	...	...	...	...
Oranges	1,107	975	981	892	902	559	223	104	162	1,062	1,509	2,182	10,658
Tangelos	141	3	...	...	...	...	...	...	...	10	151	363	668
Tangerines	351	277	273	106	...	...	...	...	12	396	675	850	2,940
Temples	254	199	48	4	...	...	...	...	...	...	...	6	511
Citrus, other [1]	...	...	...	...	...	...	...	...	1	35	3	...	39
Total	5,025	5,118	4,750	3,250	1,630	697	360	221	367	3,369	4,805	5,988	35,580
Noncitrus:													
Apples	3,714	3,804	4,707	3,321	3,244	3,034	1,986	2,787	2,941	4,394	5,331	4,310	43,573
Apricots	...	...	...	2	87	134	32	30	...	...	...	...	285
Avocados	265	258	354	331	342	413	336	356	363	207	188	229	3,642
Blueberries	...	...	...	1	32	135	215	82	26	3	...	...	494
Cranberries	...	...	...	...	...	...	...	...	12	30	34	...	76
Cherries	...	...	...	2	226	474	522	18	...	...	...	...	1,242
Grapes, table	275	12	...	4	663	1,048	2,066	2,841	2,376	1,846	1,169	315	13,615
Grapes, juice	...	...	...	...	...	...	...	...	49	16	...	...	65
Kiwifruit	100	104	134	6	...	...	...	...	...	31	98	67	540
Mangoes	...	...	...	1	...	...	...	...	...	...	...	...	1
Mixed deciduous	...	...	...	...	...	...	...	...	...	...	...	...	...
Nectarines	...	...	...	9	678	1,179	1,569	1,179	263	...	...	...	4,877
Papaya	30	33	26	16	26	25	24	25	23	35	25	27	315
Peaches	...	...	...	5	625	1,188	1,358	1,361	568	74	4	...	5,183
Pears	872	897	844	497	414	296	401	752	861	1,412	1,474	833	9,553
Pineapples	176	167	212	128	252	163	144	181	120	169	167	147	2,026
Plums	...	...	...	...	150	765	1,589	1,194	428	53	1	...	4,180
Prunes	...	...	...	...	...	...	...	26	19	...	...	...	45
Strawberries	266	361	1,070	2,178	1,759	1,153	1,123	792	542	512	90	121	9,967
Fruits, other [1]	1	...	...	...	...	...	...	...	25	31	19	13	89
Total	5,699	5,636	7,347	6,501	8,498	10,007	11,365	11,624	8,616	8,813	8,600	6,062	98,768
Grand total	10,724	10,754	12,097	9,751	10,128	10,704	11,725	11,845	8,983	12,182	13,405	12,050	134,348

[1] Not otherwise specified.
AMS, Fruit and Vegetable Division, Market News Branch, (202) 720–3343.

Table 5-75.—Fruits, dried: Production (dry basis), California, 1987–96

Year	Apples	Apricots	Dates	Figs [1]	Peaches [2]	Pears [3]	Prunes	Grapes [4]	Total
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
1987	2,900	2,980	19,400	16,850	3,900	1,130	229,000	357,950	634,110
1988	2,050	2,640	22,000	18,000	2,500	1,220	151,000	366,500	565,910
1989	2,850	3,900	22,000	15,500	1,700	1,140	226,000	433,200	706,290
1990	3,200	3,050	24,000	16,000	1,500	1,270	147,000	395,500	591,520
1991	1,870	2,600	22,000	14,600	2,400	1,550	187,000	348,000	580,020
1992	2,026	2,500	21,000	15,200	2,100	1,500	184,000	391,500	619,826
1993	2,290	2,730	29,000	19,300	1,850	1,500	121,000	388,300	565,970
1994	NA	4,800	23,000	18,200	1,450	1,300	193,000	422,000	663,750
1995	NA	1,480	22,700	16,200	1,550	800	181,000	309,200	532,930
1996	NA	2,170	26,000	13,600	1,700	700	220,600	312,400	576,570

[1] Standard and substandard. [2] Freestone only. [3] Bartlett only. [4] Raisin and table type. NA-not available.
ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-76.—Fruits, dried: Commercial production in specified countries, 1994/95–1996/97

Commodity/country	1994/95	1995/96	1996/97 [1]
	Metric tons	*Metric tons*	*Metric tons*
Prunes:			
Chile	16,850	16,000	17,600
France	43,098	61,280	66,700
United States	164,247	202,359	181,488
Total	224,195	279,639	265,788
Raisins:			
Australia	32,600	58,000	23,000
Chile	35,150	31,500	20,000
Greece	28,000	30,000	33,000
Mexico	23,000	20,000	13,000
South Africa	38,540	28,605	30,000
Turkey	176,000	200,000	200,000
United States	278,040	282,668	372,051
Total	611,330	650,773	691,051

[1] Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. 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 5-77.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1996 [1]

Commodity	Northeast [2]	South [3]	Midwest [4]	West [5]	Total
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Apples	.....	43,014	34,930	36,388	114,332
Apricots	.....	.....	.....	.....	17,795
Cherries, sweet	.....	.....	4,951	9,994	14,945
Peaches	.....	.....	.....	109,598	109,598
Plums and prunes	.....	.....	.....	1,736	1,736
Purees, noncitrus [6]	.....	.....	.....	78,457	78,457
Berries:					
Blackberries	.....	.....	[9]	20,404	20,404
Blueberries	60,708	.....	18,313	11,064	90,085
Boysenberries	.....	.....	.....	.....	5,288
Loganberries	.....	.....	.....	.....	[8]
Raspberries, black	.....	.....	.....	.....	1,779
Raspberries, red	.....	.....	.....	.....	23,339
Strawberries	.....	.....	.....	.....	330,139
Miscellaneous fruits and berries [7]	.....	.....	.....	.....	134,130
Total	60,708	43,014	58,194	267,641	941,991

[1] Includes the commercial pack only and does not include quantities produced in frozen food locker plants. [2] Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, Rhode Island and Vermont. [3] Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia. [4] Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin. [5] Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington. [6] 1996 data includes purees of apricot, apple, banana, blackberry, blueberry, boysenberry, cherry, cranberry, currant, elderberry, grape, loganberry, nectarine, peach, pear, plum, black and red raspberry, and strawberry. [7] 1996 data includes avocado, banana, cantaloupe, cranberries, elderberries, figs, gooseberries, grapes, loganberries, mangos, melon balls, mixed fruit, ollalieberries, oranges, pears, pineapple, and RSP cherries (103,428 pounds). [8] Included with Miscellaneous fruits and berries. [9] Includes pack in Midwest

ERS, Specialty Crops Branch, (202) 694–5260. Data from American Frozen Food Institute.

Table 5-78.—Fruits, frozen: Commercial pack, United States, 1987–96

Commodity	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
	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	122,399	117,076	123,260	125,540	149,423	115,525	93,016	91,709	113,278	114,332
Apricots	22,227	14,675	17,564	16,512	15,626	21,237	17,901	18,192	10,046	17,759
Cherries, sweet	21,332	18,482	14,010	13,695	14,555	20,095	16,037	18,480	27,032	14,945
Peaches	105,764	110,286	99,217	111,203	100,157	99,010	94,381	102,073	89,743	109,598
Plums and prunes	657	507	753	986	901	1,229	870	1,181	1,042	1,736
Purees, noncitrus	39,749	24,707	28,686	42,452	41,875	52,315	63,928	63,122	71,862	78,457
Berries:										
Blackberries	21,027	21,437	13,765	18,619	13,647	31,498	23,118	24,226	26,823	20,404
Blueberries	69,153	82,382	89,274	102,141	98,030	123,738	139,059	110,017	118,064	90,085
Boysenberries	5,234	6,706	4,936	7,278	5,619	6,917	4,437	5,105	3,459	5,288
Loganberries	1,016	1,461	720	964	1,290	1,634	89	59	([1])	([1])
Raspberries	26,471	26,509	29,284	27,971	25,813	32,145	25,479	29,900	40,109	25,118
Strawberries	334,406	274,610	238,152	305,924	330,223	268,494	365,663	369,035	371,138	330,139
Miscellaneous fruits and berries	80,727	130,908	145,070	120,609	105,626	154,957	136,813	173,099	140,140	134,130
Total	850,162	829,746	804,691	893,894	902,785	928,794	980,791	1,006,198	1,012,736	941,991

[1] Included in miscellaneous.

ERS, Specialty Crops Branch, (202) 694-5260. Data from American Frozen Food Institute.

Table 5-79.—Fruits: Per capita consumption, United States, 1987–96 [1]

Year	Fruits used fresh		
	Citrus fruit [2]	Noncitrus fruits [3]	Canned fruits [4]
	Per capita	Per capita	Per capita
	Pounds	*Pounds*	*Pounds*
1987	23.9	73.5	18.4
1988	25.4	71.8	18.2
1989	23.5	73.1	18.5
1990	21.4	70.6	18.4
1991	19.1	70.7	17.1
1992	24.4	73.8	19.8
1993	25.9	73.9	18.0
1994	24.9	75.6	18.3
1995	24.1	73.6	15.0
1996 [8]	24.9	74.0	16.4

Year	Canned juice [5]	Frozen fruit [6]	Dried fruits [7]
	Per capita	Per capita	Per capita
	Gallons	*Pounds*	*Pounds*
1987	7.9	3.6	3.1
1988	8.2	3.4	3.3
1989	7.3	3.7	3.3
1990	7.8	3.5	3.1
1991	7.3	3.5	3.0
1992	8.5	3.5	2.8
1993	8.33	3.4	3.0
1994	8.64	3.5	3.0
1995	8.63	3.8	2.8
1996 [8]	8.60	3.6	2.8

[1] Fresh citrus fruits, canned fruit, and fruit juices are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita consumption was obtained by dividing the total consumption by total population. [2] Oranges and temples, tangerines and tangelos, lemons, limes, and grapefruit. [3] Apples, apricots, avocados, bananas, cherries, cranberries, grapes, kiwifruit, mangoes, peaches and nectarines, pears, pineapples, papayas, plums and prunes, and strawberries. [4] Apples, apricots, cherries, olives, peaches, pears, pineapples, and plums and prunes. [5] Orange, grapefruit, lemon, lime, apple, grape, pineapple, and prune. [6] Blackberries, blueberries, raspberries, strawberries, other berries, apples, apricots, cherries, and peaches. [7] Apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Dried data in terms of processed weight. [8] Preliminary.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-80.—All tree nuts: Supply and utilization, United States, 1987/88–1996/97

Market year [1]	Beginning stocks	Marketable production [2]	Imports	Total supply	Exports	Ending stocks	Domestic consumption	
							Total	Per capita Pounds
	—Million pounds (shelled)—							
1987/88	186.2	1,000.6	132.4	1,320.6	426.1	356.8	536.3	2.20
1988/89	356.8	940.6	126.7	1,422.4	456.1	404.7	563.3	2.29
1989/90	404.7	794.6	169.8	1,369.0	488.2	326.2	554.7	2.23
1990/91	326.2	961.5	198.4	1,486.1	522.6	354.0	609.6	2.42
1991/92	354.0	848.9	171.1	1,373.9	563.7	262.5	547.7	2.16
1992/93	262.5	860.3	228.1	1,351.0	544.0	237.0	569.9	2.22
1993/94	237.0	947.1	214.6	1,398.0	538.2	279.4	581.1	2.24
1994/95	279.7	1,061.4	218.9	1,560.1	635.2	334.1	590.9	2.26
1995/96	334.1	771.3	204.1	1,309.5	540.8	257.1	511.6	1.93
1996/97 [3]	257.1	827.8	. 223.4	1,308.3	572.0	179.6	556.7	2.09

[1] Marketing season begins July 1 for almonds, hazelnuts, macadamias, pecans, and other nuts; August 1 for walnuts; and September 1 for pistachios. [2] Utilized production (NASS data) minus inedibles and noncommercial useage. [3] Preliminary.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-81.—Tree nuts: Commercial production in specified countries, 1994/95–96/97

Commodity and country	1994/95	1995/96	1996/97 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Almonds (shelled basis):			
Greece	16.0	13.0	12.5
Italy	14.0	15.0	6.0
Morocco	5.7	7.4	5.1
Spain	70.2	45.3	60.0
Turkey	15.7	13.7	15.0
United States	333.4	167.8	231.3
Total	455.0	262.2	329.9
Hazelnuts (in-shell basis):			
Italy	120.0	85.0	95.0
Spain	23.7	14.8	6.5
Turkey	525.0	455.0	480.0
United States	19.1	35.4	17.2
Total	687.8	634.1	597.0
Walnuts:			
Chile	8.8	9.8	10.6
China	210.0	230.9	238.0
France	29.0	21.9	22.1
India	28.0	25.0	29.0
Italy	9.0	16.0	12.0
Turkey	66.0	65.0	66.0
United States	210.5	212.3	188.7
Total	561.3	580.9	566.4

[1] Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. 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 5-82.—Almonds (shelled basis): Bearing acreage, yield, production, price, and value, California, 1988–97 [1]

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1988	419,000	1,410	590,000	1.05	600,075
1989	411,000	1,190	490,000	1.02	480,930
1990	411,000	1,610	660,000	.93	597,990
1991	405,000	1,210	490,000	1.19	564,179
1992	401,000	1,370	548,000	1.30	691,340
1993	402,000	1,220	490,000	1.94	930,618
1994	409,000	1,800	735,000	1.34	965,202
1995	400,000	925	370,000	2.48	880,896
1996	405,000	1,260	510,000	2.08	1,018,368
1997	420,000	1,790	750,000	1.50	1,080,000

[1] Price and value are based on edible portion of the crop only. Included in production are inedible quantities of no value as follows (million pounds): 1988—18.5; 1989—18.5, 1990—17.0; 1991—15.9; 1992—16.2; 1993—10.3. 1994—14.7; 1995—14.8; 1996—20.4; 1997—30.0.

NASS, Crops Branch, (202) 720–2127.

Table 5-83.—Almonds (shelled basis [1]): Foreign trade, United States, 1986–95

Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*
1986	719	73,653
1987	174	150,191
1988	150	136,177
1989	26	144,633
1990	50	133,740
1991	53	121,831
1992	27	114,530
1993	47	125,014
1994	68	213,657
1995	68	300,355

[1] Imports of unshelled nuts converted to shelled basis at ratio of 1.67 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 1.67 to 1.0.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5260.

Table 5-84.—Hazelnuts (in-shell basis): Bearing acreage, yield, production, price, and value, United States, 1988–97 [1]

Year	Bearing Acreage	Yield per acre	Production	Price per ton	Value
	Acres	Tons	Tons	Dollars	*1,000 dollars*
			Oregon		
1988	26,100	.62	16,300	853	13,904
1989	27,100	.47	12,800	817	10,458
1990	27,000	.80	21,500	783	16,835
1991	27,200	.93	25,300	726	18,368
1992	26,800	1.03	27,500	552	15,180
1993	26,700	1.53	40,800	633	25,826
1994	27,200	.77	21,000	834	17,514
1995	27,600	1.41	38,800	913	35,424
1996	28,200	.65	18,400	859	15,806
1997	28,300	1.55	44,000	894	39,336
			Washington		
1988	400	.50	200	891	178
1989	360	.56	200	1,030	206
1990	300	.67	200	880	176
1991	270	.74	200	755	151
1992	230	.87	200	620	124
1993	230	.87	200	685	137
1994	200	.50	100	900	90
1995	200	1.00	200	935	187
1996	150	.67	100	940	94
1997	175	.57	100	972	97
			United States		
1988	26,500	.62	16,500	853	14,082
1989	27,460	.47	13,000	820	10,664
1990	27,300	.79	21,700	784	17,011
1991	27,470	.93	25,500	726	18,519
1992	27,030	1.02	27,700	552	15,304
1993	26,930	1.52	41,000	633	25,963
1994	27,400	.77	21,100	834	17,604
1995	27,800	1.40	39,000	913	35,611
1996	28,350	.65	18,500	859	15,900
1997	28,475	1.55	44,100	894	39,433

[1] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 5-85.—Hazelnuts (shelled basis [1]): Foreign trade, United States, 1986–95

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1986	1,844	2,579	1991	2,514	3,845
1987	1797	3,281	1992	3,962	2,676
1988	7373	2,210	1993	2,937	3,738
1989	3,034	2,109	1994	6,927	3,090
1990	3,987	2,987	1995	3,528	5,422

[1] 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.
ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-86.—Macadamia nuts (in-shell basis): Bearing acreage, yield, production, price, and value, Hawaii, 1988–97

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	Pounds	*1,000 pounds*	*Cents*	*1,000 dollars*
1988	16,600	2,740	45,500	90.0	40,950
1989	18,200	2,770	50,500	89.0	44,945
1990	18,400	2,720	50,000	82.0	41,000
1991	18,200	2,720	49,500	70.0	34,650
1992	17,500	2,740	48,000	68.0	32,640
1993	18,500	2,620	48,500	68.0	32,980
1994	18,500	2,840	52,500	69.0	36,225
1995	19,300	2,640	51,000	74.0	37,740
1996	19,200	2,940	56,500	78.0	44,070
1997 [1]	19,200	3,020	58,000	74.0	42,920

[1] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 5-87.—Pecans (in-shell basis): Production, price per pound, and value, United States, 1988–97

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*
1988[1]	185,500	62.6	116,210	122,700	41.1	50,448	308,200	54.1	166,658
1989[2]	161,000	78.6	126,491	73,200	53.8	39,350	250,500	71.5	179,040
1990	143,500	128.0	184,135	41,250	90.2	37,212	205,000	121.0	247,590
1991	163,300	114.0	186,917	115,000	83.5	95,969	299,000	104.0	309,524
1992	104,800	157.0	164,333	41,100	114.0	46,794	166,000	145.0	240,362
1993	237,100	62.9	149,189	109,200	39.6	43,270	365,000	58.6	213,862
1994	118,900	115.0	136,945	59,600	76.4	45,531	199,000	104.0	207,345
1995	175,300	112.0	195,657	76,800	72.5	55,678	268,000	101.0	271,818
1996[3]	172,625	68.6	118,465	48,875	46.4	22,654	221,500	63.7	141,119
1997[4]	198,550	108.0	215,326	73,550	56.0	41,717	272,100	94.5	257,043

[1] CA added to program in 1988. [2] AZ, KS, MO, and TN added to program in 1989. No breakdown between improved varieties and native and seedling varieties available. [3] MO and TN discontinued. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-88.—Pecans (in-shell basis): Production and marketing year average price per pound, by States, 1995–97

Item and State	Production			Price for crop of—		
	1995	1996	1997[1]	1995	1996	1997[1]
IMPROVED VARIETIES[2]	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Dollars*	*Dollars*	*Dollars*
AL	7,000	9,000	4,000	0.883	0.560	0.700
AZ	.....	17,000	17,500	.....	0.620	1.250
AR	900	800	1,900	1.400	1.000	1.070
CA	2,900	1,300	2,300	1.280	0.830	1.180
FL	600	500	700	0.950	0.650	1.000
GA	62,000	86,000	73,000	1.110	0.646	0.993
LA	2,000	2,000	3,000	1.000	0.900	1.050
MS	1,200	1,300	2,600	1.050	0.780	0.841
NM	45,000	22,000	38,000	1.240	0.740	1.200
NC	1,800	425	550	0.850	0.650	0.650
OK	2,500	500	3,000	1.100	0.990	0.800
SC	2,400	1,800	2,000	1.010	0.700	0.760
TX	47,000	30,000	50,000	1.050	0.800	1.150
US	175,300	172,625	198,550	1.120	0.686	1.080
NATIVE AND SEEDLING						
AL	3,000	5,000	4,000	0.757	0.480	0.600
AR	700	400	900	0.800	0.700	0.810
FL	500	1,400	1,600	0.750	0.550	0.600
GA	13,000	14,000	12,000	0.857	0.452	0.605
KS	500	200	4,200	0.920	0.980	0.744
LA	11,000	14,000	10,000	0.600	0.400	0.480
MS	1,000	1,300	1,400	0.700	0.570	0.652
NC	1,500	375	450	0.700	0.500	0.600
OK	16,500	1,500	18,000	0.780	0.520	0.530
SC	1,100	700	1,000	0.810	0.530	0.720
TX	28,000	10,000	20,000	0.670	0.500	0.550
US	76,800	48,875	73,550	0.725	0.464	0.560
ALL PECANS						
AL	10,000	14,000	8,000	0.845	0.531	0.650
AZ	.....	17,000	17,500	.....	0.620	1.250
AR	1,600	1,200	2,800	1.140	0.900	0.986
CA	2,900	1,300	2,300	1.280	0.830	1.180
FL	1,100	1,900	2,300	0.859	0.576	0.722
GA	75,000	100,000	85,000	1.070	0.619	0.938
KS	500	200	4,200	0.920	0.980	0.744
LA	13,000	16,000	13,000	0.662	0.463	0.612
MS	2,200	2,600	4,000	0.891	0.675	0.775
NM	45,000	22,000	38,000	1.240	0.740	1.200
NC	3,300	800	1,000	0.782	0.580	0.628
OK	19,000	2,000	21,000	0.822	0.638	0.569
SC	3,500	2,500	3,000	0.947	0.652	0.747
TX	75,000	40,000	70,000	0.908	0.725	0.979
Other States[3]	15,900	.....	.....	1.290	.....	.....
US	268,000	221,500	272,100	1.010	0.637	0.945

[1] Preliminary. [2] Budded, grafted or topworked varieties. [3] AZ, MO, and TN in 1995. No breakdown between improved varieties and native and seedling varieties is available. MO and TN discontinued in 1996.

NASS, Crops Branch, (202) 720–2127.

Table 5-89.—Pecans (shelled basis[1]): Foreign trade, United States, 1986–95

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1986	3,938	1,229	1991	8,262	7,767
1987	5,345	1,961	1992	12,864	7,067
1988	757	2,641	1993	9,192	7,616
1989	6,391	5,062	1994	13,571	6,121
1990	10,516	7,607	1995	12,785	7,915

[1]Imports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-90.—Pistachios (in-shell basis): Bearing acreage, yield, production, price, and value, California, 1988–97

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	Pounds	*1,000 pounds*	*Dollars*	*1,000 Dollars*
1988	47,200	1,990	94,000	1.22	114,680
1989	50,900	766	39,000	1.63	63,570
1990	53,700	2,230	120,000	1.02	122,400
1991	55,700	1,380	77,000	1.25	96,250
1992	56,500	2,600	147,000	1.03	151,410
1993	57,000	2,670	152,000	1.07	162,640
1994	57,500	2,240	129,000	.921	118,809
1995	60,300	2,450	148,000	1.09	161,320
1996	64,300	1,630	105,000	1.16	121,800
1997[1]	65,400	2,750	180,000	1.13	203,400

[1] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 5-91.—Walnuts (English): Bearing acreage, yield, production, price, and value, California, 1988–97

Year	Bearing Acreage	Yield per acre	Production	Price per ton	Value
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1988	177,000	1.18	209,000	922	192,698
1989	179,000	1.28	229,000	1,070	245,030
1990	181,000	1.25	227,000	1,040	236,080
1991	181,000	1.43	259,000	1,060	274,540
1992	178,000	1.14	203,000	1,410	286,230
1993	176,000	1.48	260,000	1,390	361,400
1994	171,000	1.36	232,000	1,030	238,960
1995	169,000	1.38	234,000	1,400	327,600
1996	169,000	1.23	208,000	1,570	326,560
1997[1]	170,000	1.58	269,000	NA	NA

[1] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-92.—Walnuts (shelled basis[1]): Foreign trade, United States, 1986–95

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1986	1,261	29,216	1991	26	43,748
1987	158	29,161	1992	3,835	30,172
1988	72	31,646	1993	336	38,396
1989	66	34,912	1994	317	42,086
1990	65	30,973	1995	1,047	45,991

[1]Imports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1. Exports of unshelled nuts converted to shelled basis at ratio of 2.50 to 1.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-93.—Cacao beans: United States imports by country of origin, 1994–96

Continent and country	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Costa Rica	29	125	94
Dominican Republic	46,171	42,702	45,077
Guatemala	117	291	5
Haiti	0	822	816
Honduras	600	100	0
Mexico	184	5,951	3,966
Trinidad and Tobago	706	1,019	841
Other countries	1,107	1,257	533
Total	48,914	52,267	51,332
South America:			
Brazil	27,834	20,422	26,849
Colombia	0	0	0
Ecuador	30,326	39,390	45,018
Peru	0	0	0
Venezuela	2,258	855	605
Total	60,418	60,668	72,472
Africa:			
Nigeria	16,194	7,318	3,504
Cote d'Ivoire	78,405	79,390	194,562
Ghana	8,700	32,550	20,221
Other countries	0	0	66
Total	103,299	119,258	218,353
Asia and Oceania:			
Indonesia	86,672	38,080	102,474
Malaysia	1,300	1,676	0
Papua New Guinea	10,926	10,052	7,209
Other countries	161	562	73
Total	99,059	50,370	109,756
Europe:	751	867	1,167
Grand total	312,442	283,430	453,079

[1] Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 5-94.—Cacao beans: Exports from principal producing countries 1993/94–1995/96

Continent and country	1993/94	1994/95	1995/96 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Costa Rica	260	203	793
Dominican Republic	52,277	49,607	49,895
Grenada	800	750	890
Haiti	2,586	4,582	3,348
Honduras	2,830	2,000	2,000
Jamaica	2,330	2,156	2,142
Mexico	9,530	11,975	2,886
Trinidad and Tobago	1,466	1,487	1,529
Other countries	922	1,543	590
Total	73,001	74,303	64,073
South America:			
Brazil	85,876	39,717	27,355
Colombia	8,740	1,120	960
Ecuador	46,569	51,231	64,013
Venezuela	10,134	7,704	7,788
Other Countries	240	193	520
Total	151,559	99,965	100,636
Africa:			
Benin	0	0	0
Cameroon	85,359	91,990	93,069
Congo	210	300	600
Equatorial Guinea	4,000	2,600	4,500
Gabon	1,030	1,018	1,022
Guinea	4,000	3,280	4,500
Africa—Con.			
Ghana	261,074	256,088	330,646
Cote d'Ivoire	788,235	762,956	1,037,989
Kenya	0	90	10
Liberia	70	20	760
Madagascar	3,160	2,474	2,604
Nigeria	132,238	134,451	146,754
Sao Tome and Principe	3,870	2,040	3,370
Sierra Leone	2,840	2,760	3,190
Tanzania	800	2,720	2,460
Togo	4,000	4,000	5,130
Uganda	700	650 D960	
Zaire	3,500	3,420	3,060
Total	1,295,090	1,270,860	1,640,620
Asia and Oceania:			
Indonesia	211,238	185,332	223,884
Malaysia	100,941	56,836	46,628
Papua New Guinea	31,105	28,910	35,423
Solomon Islands	3,621	2,667	3,950
Sri Lanka	68	11	20
Vanuatu	1,996	1,262	1,800
Other Countries	269	270	620
Total	349,240	275,290	312,330
Grand total	1,868,890	1,720,420	2,117,660

[1] Preliminary

FAS, Horticultural and Tropical Products Division, (202) 720–3423. International Cocoa Organization.

Table 5-95.—Coffee: United States imports by country of origin, 1994–96 [1]

Continent and country	1994	1995	1996 [2]
	1,000 bags	*1,000 bags*	*1,000 bags*
North America: [3]			
Costa Rica	325	388	482
Dominican Republic	207	266	255
El Salvador	376	284	401
Guatemala	1,403	1,637	1,748
Honduras	154	300	262
Mexico	2,516	2,887	3,734
Other countries	96	164	129
Total	5,076	5,926	7,011
South America:			
Brazil	2,850	2,302	1,852
Colombia	2,372	2,485	3,011
Ecuador	969	745	665
Peru	249	621	441
Venezuela	295	89	445
Other countries	1	1	3
Total	6,736	6,243	6,417
Africa:			
Burundi	14	95	3
Cameroon	10	45	49
Cote d'Ivoire	114	129	22
Africa—Con.			
Ethiopia	215	109	137
Kenya	67	60	100
Madagascar	47	0	0
Rwanda	0	4	48
Uganda	191	61	125
Zaire	1	7	0
Other countries	36	43	30
Total	695	553	514
Asia and Oceania:			
India	272	343	383
Indonesia	558	513	1,246
Papua, New Guinea	68	52	84
Philippines	78	3	0
Thailand	676	770	713
			Vietnam
			D255
			D975
			D1,081
Other countries	49	29	33
Total	1,955	2,685	3,540
Other countries	451	478	465
Grand total	14,913	15,886	17,947

[1] Green coffee only; does not include roasted or soluble. Bags of 60 kilograms each (132.276 lbs.). [2] Preliminary. [3] Includes Central America.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 5-96.—Coffee: Area, yield, total production, marketing year average price, and value, Hawaii, 1988–89 to 1997–98

Season	Area harvested	Yield per harvested acre	Production	Price per pound	Value
	Acres	*1,000 pounds*	*1,00 pounds*	*Dollars*	*1,00 dollars*
1988–89	2,150	.9	2,000	3.30	6,600
1989–90	2,300	1.4	3,200	3.90	12,480
1990–91	2,400	1.2	2,800	2.70	7,560
1991–92	2,400	1.2	2,800	1.75	4,900
1992–93	4,000	.6	2,400	1.70	4,080
1993–94	4,200	.7	2,900	2.25	6,525
1994–95	4,400	1.0	4,300	2.80	12,040
1995–96	5,400	1.0	5,400	3.00	16,200
1996–97 [1]	5,300	1.2	6,400	3.25	20,800
1997–98 [1]	5,600	1.6	9,000	3.25	29,250

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-97.—Coffee: Exports from principal producing countries, 1994–96 [1]

Continent and country of origin	1994	1995	1996 [2]
	1,000 bags	*1,000 bags*	*1,000 bags*
North America:			
Costa Rica	2,105	2,067	2,430
Dominican Republic	332	451	453
El Salvador	2,093	1,807	2,312
Guatemala	3,274	3,701	3,979
Haiti	103	152	156
Honduras	1,718	1,796	2,060
Mexico	2,789	3,626	4,637
Nicaragua	624	681	822
Total	13,038	14,281	16,849
South America:			
Brazil	17,290	14,405	15,194
Colombia	11,768	9,814	10,588
Ecuador	2,145	1,540	1,536
Peru	1,057	1,760	1,517
Venezuela	386	97	492
Total	32,646	27,616	29,327
Africa:			
Angola	8	41	52
Burundi	508	529	224
Cameroon	546	399	423
Central African Republic	137	232	98
Africa—Con.			
Ethiopia	1,475	1,276	1,838
Guinea	50	152	35
Cote d'Ivoire	2,444	2,494	2,750
Kenya	1,358	1,450	1,902
Madagascar	436	585	548
Rwanda	30	314	265
Tanzania	632	733	941
Togo	166	200	85
Uganda	3,369	3,079	4,655
Zaire	761	1,033	771
Zimbabwe	32	157	150
Total	11,952	12,674	14,737
Asia and Oceania:			
India	2,496	2,469	3,101
Indonesia	4,605	3,945	6,226
Papua New Guinea	1,157	1,002	1,090
Philippines	126	57	27
Thailand	1,136	1,210	872
Vietnam	2,721	3,546	3,771
Total	12,241	12,229	15,087
Grand total	70,487	67,517	76,565

[1] Mostly green coffee, some countries include soluble or roasted. Bags of 60 kilograms each (132.276 lbs.). [2] Preliminary.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. International Coffee Organization.

Table 5-98.—Tea: Exports from principal producing countries, 1992–94

Continent and country	1992	1993	1994 [1]
	Metric tons	*Metric tons*	*Metric tons*
South America:			
Argentina	36,529	43,549	43,230
Brazil	8,211	8,336	7,800
Ecuador	1,458	1,200	1,200
Peru	248	388	300
Total	46,446	53,472	52,530
Africa:			
Burundi	5,651	5,760	6,009
Kenya	166,518	188,390	184,211
Malawi	35,363	35,270	38,672
Mauritius	5,461	4,398	4,036
Mozambique	600	300	500
Rwanda	13,034	7,000	5,000
Tanzania	17,835	19,387	18,570
Uganda	7,817	10,251	10,971
Zaire	1,500	1,500	2,000
Zimbabwe	6,089	8,065	8,579
Total	262,347	286,101	281,724
Asia and Oceania:			
Iran	1,000	1,500	1,500
Bangladesh	27,160	31,914	23,640
China	175,526	201,435	179,679
Taiwan	5,296	5,142	4,373
India	173,358	173,726	144,748
Indonesia	121,243	123,926	84,916
Japan	290	328	345
Malaysia	1,000	800	800
Papua New Guinea	5,648	6,441	3,400
Sri Lanka	177,801	209,942	224,235
Turkey	5,048	39,611	5,200
Vietnam	12,967	16,200	12,000
Total	706,337	810,965	684,836
Grand total [2]	1,015,930	1,151,538	1,020,090

[1] Preliminary. [2] Includes other countries.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. International Tea Committee.

Table 5-99.—Tea: United States imports by country of origin, 1994–96

Continent and country	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	160	209	199
Total	160	209	199
Central and South America: [2]			
Argentina	25,121	25,191	26,888
Brazil	3,843	2,798	1,993
Ecuador	921	442	525
Other countries	176	96	147
Total	30,061	28,527	29,553
Europe:			
Germany	4,481	5,126	4,779
Netherlands	640	793	188
United Kingdom	493	521	684
Other countries	186	123	197
Total	5,800	6,563	5,848
Asia and Oceania:			
China	24,549	20,634	21,698
Taiwan	424	361	438
Asia and Oceania—Con.			
Hong Kong	378	517	306
India	3,705	3,227	3,615
Indonesia	15,011	9,379	12,099
Japan	184	180	204
Papua New Guinea	1,087	734	1,142
Sri Lanka	4,842	5,240	4,229
Other countries	1,295	869	522
Total	51,475	41,141	44,254
Africa:			
Kenya	3,406	2,700	4,328
Malawi	3,865	2,562	3,643
Mozambique	50	0	0
Rwanda	11	54	53
South Africa	665	206	477
Tanzania	429	1,070	738
Other countries	266	272	52
Total	8,692	6,864	9,294
Grand total	96,184	83,308	89,147

[1] Preliminary. [2] Includes Mexico.

FAS, Horticultural and Tropical Products Division, (202) 720–3423. Compiled from reports of the U.S. Department of Commerce.

Table 5-100.—Agaricus mushrooms: Area, volume of sales, marketing year average price, and value of sales, United States, 1987/88–1996/97 [1]

Year	Area in production	Volume of sales	Price per pound	Value of sales		
				Total	Fresh market	Processing
	1,000 sq. ft.	*1,000 pounds*	*Cents*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987–88	130,527	631,819	86.1	544,300	444,967	99,333
1988–89	132,659	667,759	89.3	596,338	474,675	121,663
1989–90	137,861	714,992	90.2	644,738	512,055	132,683
1990–91	139,922	749,151	86.5	647,915	501,967	145,948
1991–92	138,148	746,832	87.5	653,841	494,340	159,501
1992–93	141,909	776,357	86.2	669,398	521,566	147,832
1993–94	135,703	750,799	91.6	687,673	532,863	154,810
1994–95	139,617	782,340	93.5	731,173	560,127	171,046
1995–96	135,320	777,870	93.5	727,578	588,126	139,452
1996–97	136,230	776,677	94.0	730,282	605,728	124,554

[1] Marketing year begins July 1 and ends June 30 the following year.

NASS, Crops Branch, (202) 720–2127.

Table 5-101.—Mushrooms, canned: United States imports by country of origin, 1992–96

Country	1992 [1]	1993 [1]	1994 [1]	1995 [1]	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
Canada	123	123	282	283	270
Chile	937	1,427	4,802	4,835	3,221
China, Peoples Republic of	11,715	11,944	17,261	30,514	31,109
Columbia	0	0	874	1,958	1,852
France	499	427	297	50	13
Hong Kong	9,616	8,143	11,423	3,930	2,408
India	1,173	1,030	2,160	2,731	1,992
Indonesia	14,892	12,136	14,210	16,835	14,210
Malaysia	423	382	875	896	430
Mexico	440	2,478	2,167	1,748	1,874
Netherlands	1,114	612	5,703	2,463	702
Spain	512	266	1,393	592	280
Taiwan	5,377	2,139	2,029	2,589	2,865
Thailand	2,693	2,735	2,277	1,933	580
Other	599	417	238	154	86
Total	50,113	44,259	65,991	71,511	61,892

[1] Includes straw mushrooms.

FAS, Horticultural and Tropical Products Division, (202) 720–6086. Compiled from reports of the U.S. Department of Commerce.

Table 5-102.—Specialty mushrooms: Number of growers, total production, volume of sales, price per pound, and value of sales, July 1–June 30, 1994–95/1996–97 [1]

Year and variety	Growers	All sales			
		Total production [2]	Volume of sales [3]	Price per pound	Value of sales
	Number	*1,000 pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1994–95					
Shiitake [5]	.....	5,649	5,396	3.86	20,819
Oyster	.....	1,980	1,800	2.65	4,773
Other	.....	1,165	1,046	3.56	3,724
US	192	8,794	8,242	3.56	29,316
1995–96					
Shiitake [5]	.....	6,140	5,665	3.49	19,757
Oyster	.....	1,941	1,791	2.49	4,467
Other	.....	1,495	1,379	4.15	5,729
US	188	9,576	8,835	3.39	29,953
1996–97					
Shiitake [5]	.....	6,837	6,475	3.40	21,994
Oyster	.....	2,666	2,516	2.60	6,537
Other	.....	1,609	1,485	4.70	6,983
US [4]	178	11,112	10,476	3.39	35,514

[1] Specialty mushroom estimates represent growers who have at least 200 natural wood logs or commercial indoor growing area. [2] Total production includes all fresh market and processing sales plus amount harvested but not sold (shrinkage, cullage, dumped, etc.). [3] Virtually all specialty mushroom sales are for fresh market. [4] States reporting in 1994-95: AR, CA, CO,CT, FL, HI, ID, IL, IA, KY, MA, MI, MN, MS, MO, NY, NC, OH, OR, PA, SC, TN, VA, WA, WI, and WV. 1995-96: AR, CA, CO, CT, DE, FL,GA, HI, ID, IL, KY, MD, MA, MI, MN, MS, MO, NY, NC, OH, OK, OR, PA, SC, TN, VA, WA, WI, and WV. 1996-97: AR, CA, CO, CT, DE, FL, GA, HI, ID, IL, IA, KY, ME, MD, MA, MI, MN, MS, MO, NJ, NY, NC, OH, OK, OR, PA, SC, TN, VA, WA, WI, and WV. [5] Includes small quantity of logs producing oyster and other mushrooms. These logs are not published separately to avoid disclosure of operations.

NASS, Crops Branch, (202) 720–2127.

Table 5-103.—Cut flowers: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]

Year	Quantity sold	Wholesale price	Value of sales at wholesale [2]	Quantity sold	Wholesale price	Value of sales at wholesale [2]
	Standard carnations			Miniature carnations		
	1,000 Blooms	*Cents*	*1,000 dollars*	*1,000 Bunches*	*Dollars*	*1,000 dollars*
1987	274,865	14.7	40,479	13,258	1.43	18,995
1988	290,047	14.5	42,154	13,233	1.51	20,001
1989	248,661	14.6	36,223	12,541	1.42	17,748
1990	223,956	15.6	34,943	11,733	1.46	17,186
1991	197,580	16.5	32,536	11,163	1.44	16,120
1992	213,599	14.4	30,777	9,706	1.51	14,703
1993	194,876	14.0	27,207	8,974	1.35	12,107
1994	116,232	15.6	18,141	7,174	1.40	10,065
1995	112,067	15.3	17,199	9,152	1.21	11,060
1996	90,087	14.3	12,923	5,730	1.33	7,594
	Standard chrysanthemums			Pompon chrysanthemums		
	1,000 Blooms	*Cents*	*1,000 dollars*	*1,000 Bunches*	*Dollars*	*1,000 dollars*
1987	42,752	35.7	15,256	29,088	1.31	38,083
1988	44,108	32.9	14,505	30,021	1.27	38,274
1989	39,275	36.2	14,214	22,919	1.28	29,295
1990	19,003	39.8	7,559	19,327	1.31	25,296
1991	22,138	36.4	8,053	20,748	1.19	24,788
1992	19,775	39.3	7,769	15,436	1.16	17,971
1993	19,730	43.3	8,541	11,025	1.42	15,695
1994	15,303	47.9	7,325	12,106	1.35	16,345
1995	14,877	53.8	7,997	13,542	1.26	17,079
1996	15,106	55.4	8,364	11,953	1.25	14,953
	Hybrid Tea roses			Sweetheart roses		
	1,000 Blooms	*Cents*	*1,000 dollars*	*1,000 Blooms*	*Cents*	*1,000 dollars*
1987	438,184	34.8	152,646	126,437	23.8	30,133
1988	440,627	35.3	155,385	124,813	24.3	30,370
1989	481,164	35.1	169,002	106,319	25.2	26,775
1990	481,587	34.8	167,457	99,675	26.5	26,449
1991	463,890	34.0	157,551	88,748	26.1	23,199
1992	458,974	33.9	155,738	74,588	25.2	18,775
1993	429,020	33.8	144,823	78,270	25.0	19,545
1994	404,938	33.1	134,034	64,551	23.7	15,276
1995	352,154	32.5	114,594	45,350	24.5	11,133
1996	306,929	34.7	106,607	43,556	26.5	11,556
	Gladioli			Other cut flowers		
	1,000 Spikes	*Cents*	*1,000 dollars*			*1,000 dollars*
1987	200,526	16.2	32,446	.....	.....	111,435
1988	199,273	17.0	33,935	.....	.....	123,230
1989	175,153	19.4	34,061	.....	.....	155,213
1990	163,644	20.2	33,101	.....	.....	155,729
1991	165,510	21.1	34,941	.....	.....	174,342
1992	187,643	20.0	37,494	.....	.....	175,228
1993	165,683	20.3	33,675	.....	.....	162,318
1994	190,914	20.7	39,520	.....	.....	201,591
1995	149,132	24.2	36,110	.....	.....	208,458
1996	145,227	23.0	33,435	.....	.....	251,068

[1] 1992-96 data not comparable with 1987-91. [2] Equivalent wholesale value of all sales.

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Table 5-104.—Cut Greens: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]

Year	Quantity sold	Wholesale price	Value of sales at wholesale [2]	Quantity sold	Wholesale price	Value of sales at wholesale [2]
	Leatherleaf Ferns			Other cut cultivated greens		
	1,000 Bunches	*Dollars*	*1,000 dollars*	*1,000 Bunches*	*Dollars*	*1,000 dollars*
1987	84,214	.78	66,074	.....	.....	22,397
1988	83,448	.80	67,132	.....	.....	23,629
1989	81,220	.81	65,493	.....	.....	33,358
1990	81,637	.84	68,476	.....	.....	38,108
1991	86,478	.83	71,484	.....	.....	38,555
1992	78,880	.85	66,718	.....	.....	44,806
1993	85,239	.85	72,142	.....	.....	43,837
1994	78,912	.86	67,544	.....	.....	51,703
1995	74,968	.85	63,485	.....	.....	49,636
1996	76,032	.88	66,616	.....	.....	54,399

[1] 1992-96 data not comparable with 1987-91. [2] Equivalent wholesale value of all sales.
NASS, Crops Branch, (202) 720–2127.

Table 5-105.—Potted flowering and foliage plants: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]

Year	Quantity sold		Wholesale Price		Value of sales at wholesale [2]
	Less than 5 inches	5 inches or more	Less than 5 inches	5 inches or more	
	African violets				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	23,575	746	1.08	3.04	27,749
1988	23,143	664	1.02	2.99	25,543
1989	22,380	592	1.11	4.09	27,185
1990	21,464	539	1.12	3.80	26,145
1991	21,920	523	1.10	3.34	25,858
1992	22,625	436	1.13	3.50	27,232
1993	22,492	237	1.07	3.46	24,777
1994	23,963	721	1.06	2.77	27,423
1995	21,366	707	1.08	2.74	25,086
1996	20,728	271	1.07	3.79	23,131
	Florist chrysanthemums				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	8,106	24,958	1.24	3.41	95,079
1988	8,302	25,041	1.19	3.39	94,745
1989	7,740	24,663	1.17	3.51	95,617
1990	7,152	22,688	1.25	3.65	91,769
1991	7,774	22,134	1.33	3.51	88,075
1992	8,448	24,823	1.37	3.54	99,254
1993	8,995	23,129	1.37	3.60	95,564
1994	9,300	21,987	1.44	3.65	93,649
1995	10,358	21,642	1.47	3.56	92,219
1996	8,589	20,105	1.50	3.61	85,531

See footnotes at end of table.

Table 5-105.—Potted flowering and foliage plants: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]—Continued

Year	Quantity sold		Wholesale Price		Value of sales at wholesale [2]
	Less than 5 inches	5 inches or more	Less than 5 inches	5 inches or more	
	Cyclamens [3]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	...	...	...	...	...
1988	...	...	...	...	...
1989	...	...	...	...	...
1990	...	...	...	...	...
1991	...	...	...	...	...
1992	...	...	...	...	...
1993	...	...	...	...	...
1994	2,035	2,441	1.89	3.80	13,122
1995	2,568	2,537	2.01	3.93	15,145
1996	3,107	2,566	2.11	4.03	16,877
	Florist azaleas				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	1,325	7,294	1.98	4.78	37,515
1988	1,131	7,208	2.21	4.95	38,190
1989	1,805	8,511	2.15	4.89	45,533
1990	3,563	10,084	1.79	4.75	54,279
1991	4,147	10,528	1.42	5.34	62,150
1992	4,149	10,544	1.45	5.23	61,115
1993	3,154	10,989	1.66	4.92	59,241
1994	6,172	9,426	1.53	4.58	52,662
1995	6,371	9,673	1.65	4.88	57,770
1996	3,837	9,261	1.93	4.30	47,261
	Kalanchoes [3]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	...	...	...	...	...
1988	...	...	...	...	...
1989	...	...	...	...	...
1990	...	...	...	...	...
1991	...	...	...	...	...
1992	...	...	...	...	...
1993	...	...	...	...	...
1994	3,031	2,192	1.34	3.24	11,170
1995	3,279	1,982	1.47	3.53	11,832
1996	3,427	2,667	1.43	3.36	13,881
	Easter lilies				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	131	7,966	3.44	3.71	29,983
1988	128	7,913	3.24	3.86	30,976
1989	91	8,519	3.38	3.86	33,156
1990	10	8,883	2.00	3.85	34,247
1991	10	8,451	2.20	3.91	33,066
1992	38	8,951	1.97	3.87	34,729
1993	...	8,640	...	3.96	34,180
1994	...	9,081	...	3.97	36,021
1995	37	9,193	2.97	4.00	36,925
1996	190	9,366	3.08	4.01	38,126

See footnotes at end of table.

Table 5-105.—Potted flowering and foliage plants: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]—Continued

Year	Quantity sold		Wholesale Price		Value of sales at wholesale [2]
	Less than 5 inches	5 inches or more	Less than 5 inches	5 inches or more	
	Other lilies [4]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	76	860	2.42	3.88	3,516
1988	118	776	2.36	3.94	3,339
1989	129	1,119	3.34	3.92	4,813
1990	88	1,087	2.48	3.52	4,046
1991	150	1,464	2.27	3.55	5,533
1992	60	1,318	2.18	3.81	5,153
1993	62	1,479	2.34	3.87	5,870
1994	66	1,677	2.29	3.85	6,601
1995	286	1,971	1.72	3.76	7,895
1996	.....	.....	.....	.....	.....
	Poinsettias				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	7,775	36,858	2.01	3.85	157,696
1988	8,038	35,099	1.82	4.00	155,130
1989	8,871	38,810	1.81	4.00	171,347
1990	8,770	38,724	1.75	3.88	165,777
1991	10,570	38,701	1.89	3.97	173,421
1992	12,496	43,058	1.83	3.96	193,484
1993	11,349	45,155	1.90	3.94	199,464
1994	11,686	46,209	1.76	4.05	207,605
1995	12,407	45,770	1.90	4.10	211,437
1996	12,579	46,523	1.92	4.08	214,112
	Other flowering [6]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	30,883	31,206	1.48	3.65	159,631
1988	31,011	30,997	1.45	3.71	159,808
1989	29,146	30,906	1.61	3.68	160,576
1990	39,170	32,259	1.45	3.63	173,913
1991	44,344	36,685	1.50	3.31	187,943
1992	54,985	44,175	1.45	3.29	225,064
1993	50,375	55,815	1.48	3.40	264,250
1994	37,205	39,250	1.77	3.78	214,237
1995	45,951	37,580	1.61	3.97	222,798
1996	48,918	39,744	1.39	3.44	204,552
	Potted Orchids [5]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	.....	.....	.....	.....	.....
1988	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	.....	.....	.....	.....	.....
1995	.....	.....	.....	.....	.....
1996	5,132	3,108	3.90	7.30	42,720
	Foliage				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	.....	.....	.....	.....	428,589
1988	.....	.....	.....	.....	404,133
1989	.....	.....	.....	.....	405,364
1990	.....	.....	.....	.....	400,539
1991	.....	.....	.....	.....	376,071
1992	.....	.....	.....	.....	350,915
1993	.....	.....	.....	.....	350,581
1994	.....	.....	.....	.....	400,232
1995	.....	.....	.....	.....	413,566
1996	.....	.....	.....	.....	432,584

[1] 1992-96 data not comparable with 1987-91. [2] Equivalent wholesale value of all sales except for potted foliage which is value of sales less cost of plant material purchased from other growers for growing on. [3] Estimates began in 1994. [4] Beginning in 1996, Other Lilies are no longer published separately. [5] Potted orchids reported separately for first time in 1996. Previously orchids were included in other flowering category. [6] 1994-96 data not comparable with 1987-93 which includes data for cyclamens and kalanchoes. Potted orchids were included in other flowering prior to 1996.

NASS, Crops Branch, (202) 720–2127.

Table 5-106.—Flowering & foliage hanging baskets: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]

Year	Quantity sold	Wholesale price	Value of sales at wholesale [2]	Quantity sold	Wholesale price	Value of sales at wholesale [2]
	Geraniums [3]			Impatiens [3]		
	1,000 Baskets	*Dollars*	*1,000 dollars*	*1,000 Baskets*	*Dollars*	*1,000 dollars*
1987	.....	.....	.....	.....	.....	.....
1988	.....	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....	.....
1994	3,274	6.36	20,833	3,018	5.28	15,922
1995	4,010	6.34	25,407	3,668	5.22	19,163
1996	4,798	6.41	30,775	4,162	5.16	21,484
	New Guinea impatiens [3]			Petunias [3]		
	1,000 Baskets	*Dollars*	*1,000 dollars*	*1,000 Baskets*	*Dollars*	*1,000 dollars*
1987	.....	.....	.....	.....	.....	.....
1988	.....	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....	.....
1994	3,264	6.06	19,777	852	5.42	4,614
1995	3,812	6.04	23,014	1,345	5.36	7,205
1996	4,181	6.31	26,394	1,666	5.40	8,995
	Other flowering hanging baskets [4]			Foliage		
	1,000 Baskets	*Dollars*	*1,000 dollars*	*1,000 Baskets*	*Dollars*	*1,000 dollars*
1987	16,073	5.04	81,071	24,014	3.61	86,743
1988	15,650	5.23	81,898	20,627	3.76	77,498
1989	19,641	5.28	103,776	22,416	3.72	83,487
1990	17,612	5.24	92,343	20,576	3.62	74,391
1991	18,893	5.34	100,930	19,336	3.70	71,496
1992	22,498	5.44	122,365	20,007	3.80	76,094
1993	25,588	5.44	139,224	17,196	3.86	66,468
1994	16,480	5.48	90,381	24,095	3.70	89,074
1995	15,857	5.64	89,420	22,725	3.76	85,403
1996	15,766	5.69	89,738	19,678	3.83	75,313

[1] 1992-96 data not comparable with 1987-91. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994.
[4] 1994-96 data are not comparable with 1987-93 which includes geraniums, impatiens, New Guinea impatiens, and petunias.
NASS, Crops Branch, (202) 720–2127.

Table 5-107.—Bedding plant flats: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]

Year	Quantity sold	Wholesale price	Value of sales at wholesale [2]	Quantity sold	Wholesale price	Value of sales at wholesale [2]
	Geraniums			Impatiens [3]		
	1,000 Flats	*Dollars*	*1,000 dollars*	*1,000 Flats*	*Dollars*	*1,000 dollars*
1987	4,564	6.81	31,065	.....	.....	.....
1988	3,345	7.40	24,769	.....	.....	.....
1989	2,935	8.48	24,902	.....	.....	.....
1990	2,503	8.43	21,098	.....	.....	.....
1991	2,595	8.91	23,131	.....	.....	.....
1992	3,148	9.62	30,291	.....	.....	.....
1993	3,254	9.81	31,915	.....	.....	.....
1994	4,097	9.13	37,402	12,940	6.49	83,916
1995	3,978	9.01	35,859	15,501	6.90	107,014
1996	4,492	9.43	42,381	15,508	6.97	108,050
	New Guinea Impatiens [3]			Petunias [3]		
	1,000 Flats	*Dollars*	*1,000 dollars*	*1,000 Flats*	*Dollars*	*1,000 dollars*
1987	.....	.....	.....	.....	.....	.....
1988	.....	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....	.....
1994	890	8.85	7,873	8,841	6.82	60,252
1995	1,055	9.10	9,601	10,754	7.21	77,487
1996	898	9.04	8,116	10,903	7.14	77,860
	Other Flowering and foliar type bedding plant flats [4]			Vegetable type bedding plant flats [5]		
	1,000 Flats	*Dollars*	*1,000 dollars*	*1,000 Flats*	*Dollars*	*1,000 dollars*
1987	59,308	5.66	335,577	10,536	5.29	55,689
1988	56,671	5.79	328,088	8,929	5.96	53,209
1989	62,637	6.32	396,051	10,127	6.12	62,010
1990	53,277	6.57	350,285	7,324	6.37	46,650
1991	60,164	6.57	395,068	9,706	6.64	64,465
1992	67,941	6.73	457,588	11,218	6.98	78,224
1993	74,334	6.92	514,095	9,592	6.96	66,759
1994	58,245	7.11	414,304	9,230	6.97	64,373
1995	55,652	7.09	394,419	10,327	7.23	74,676
1996	57,515	7.15	411,298	10,637	7.51	79,936

[1] 1992-96 data not comparable with 1987-91. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994. [4] 1994-96 data not comparable with 1987-93 which includes impatiens, New Guinea impatiens, and petunias. [5] Does not include vegetable transplants grown for use in commercial vegetable production.

NASS, Crops Branch, (202) 720–2127.

Table 5-108.—Potted flowering and foliar type bedding plants: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]

Year	Quantity sold		Wholesale Price		Value of sales at wholesale [2]
	Less than 5 inches	5 inches or more	Less than 5 inches	5 inches or more	
	Hardy/Garden mums				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	9,788	12,875	.86	1.86	32,370
1988	8,567	12,664	.88	1.89	31,394
1989	9,638	15,814	.96	1.87	38,769
1990	15,829	15,223	.76	1.85	40,248
1991	15,250	17,059	.80	1.87	44,034
1992	16,413	20,712	.84	1.84	55,666
1993	13,347	25,694	.81	1.75	55,745
1994	13,574	25,473	.83	1.83	57,923
1995	13,761	29,545	.80	1.83	65,001
1996	13,463	32,161	.81	1.79	68,510
	Geraniums (cuttings)				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	49,312	8,603	1.12	2.17	73,787
1988	49,184	7,758	1.13	2.34	73,957
1989	50,182	10,249	1.17	2.36	82,743
1990	34,803	9,724	1.24	2.09	63,535
1991	35,747	9,204	1.23	2.43	66,671
1992	42,206	11,168	1.26	2.46	80,678
1993	41,584	11,265	1.29	2.62	83,038
1994	45,086	10,351	1.29	2.71	86,061
1995	49,726	15,902	1.24	2.64	103,569
1996	40,348	15,524	1.30	2.61	93,035
	Geraniums (seed)				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	38,504	3,249	.74	2.03	35,013
1988	37,283	3,165	.79	2.06	35,878
1989	41,919	2,612	.81	2.32	39,898
1990	44,182	1,863	.77	2.15	37,862
1991	40,526	1,899	.80	2.24	36,727
1992	45,542	1,882	.80	2.44	41,126
1993	47,211	2,079	.77	2.08	40,758
1994	48,612	2,107	.80	2.24	43,551
1995	46,913	2,377	.80	1.84	42,035
1996	42,609	2,141	.82	1.93	39,205
	Impatiens [3]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	.....	.....	.....	.....	.....
1988	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	21,820	1,721	.57	1.45	14,874
1995	21,916	2,334	.64	1.57	17,585
1996	20,545	2,444	.64	1.59	17,118

See footnotes at end of table.

Table 5-108.—Potted flowering and foliar type bedding plants: Sales and value for operations with $100,000+ sales, United States, 1987–96 [1]—Continued

Year	Quantity sold		Wholesale Price		Value of sales at wholesale [2]
	Less than 5 inches	5 inches or more	Less than 5 inches	5 inches or more	
	New Guinea impatiens [3]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	.....	.....	.....	.....	.....
1988	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	7,161	1,979	1.20	2.44	13,428
1995	8,452	3,072	1.24	2.45	18,003
1996	10,381	3,697	1.18	2.37	21,069
	Petunias [3]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	.....	.....	.....	.....	.....
1988	.....	.....	.....	.....	.....
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	11,191	959	.65	1.45	8,679
1995	10,656	1,129	.66	1.78	9,030
1996	12,078	1,727	.66	1.64	10,763
	Other flowering/foliar type [4]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	89,745	15,455	.66	1.82	87,140
1988	120,642	24,233	.65	1.61	117,831
1989	138,591	29,915	.67	1.51	138,092
1990	149,347	36,103	.69	1.79	168,126
1991	184,546	42,041	.68	1.74	199,291
1992	240,921	38,322	.71	1.86	241,175
1993	210,780	37,230	.72	1.95	224,947
1994	171,536	46,786	.73	2.06	221,258
1995	159,627	54,664	.78	1.79	221,883
1996	137,318	85,360	.82	1.45	236,046
	Vegetable type [5]				
	1,000 Pots	*1,000 Pots*	*Dollars*	*Dollars*	*1,000 dollars*
1987	8,473	1,446	.60	1.55	7,292
1988	8,847	1,726	.65	1.44	8,237
1989	10,225	2,350	.66	1.49	10,295
1990	9,214	1,798	.64	1.68	8,956
1991	13,614	1,946	.67	1.53	12,132
1992	17,537	2,488	.63	1.60	15,058
1993	13,761	2,311	.73	1.50	13,530
1994	14,803	2,950	.70	1.48	14,666
1995	16,185	2,910	.74	1.56	16,596
1996	19,975	4,777	.73	1.59	22,182

[1] 1992-96 data not comparable with 1987-91. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994. [4] 1994-96 data not comparable with 1987-93 which includes data for impatiens, New Guinea impatiens, and petunias. [5] Does not include vegetable transplants grown for use in commercial vegetable production.

NASS, Crops Branch, (202) 720–2127.

Table 5-109.—Floriculture: Growing area by type of cover, all operations, United States, 1995–96

State	Glass greenhouses		Fiberglass and other rigid greenhouses		Film plastic (single/multi) greenhouses	
	1995	1996	1995	1996	1995	1996
	1,000 Square feet	*1,000 Square feet*	*1,000 Square feet*	*1,000 Square feet*	*1,000 Square feet*	*1,000 Square feet*
AL	333	327	856	650	7,012	6,583
AZ	.....	.....	364	263	1,073	758
AR	15	12	56	84	2,203	1,894
CA	14,328	14,114	45,647	45,754	55,243	52,631
CO	344	463	8,009	7,955	2,423	2,403
CT	1,360	1,417	506	498	4,253	4,249
FL	4,873	4,379	16,144	10,499	48,904	36,212
GA	294	298	1,254	1,169	5,841	5,754
HI	15	2	3,556	2,573	1,444	1,063
IL	2,567	2,469	1,116	835	5,777	6,060
IN	1,479	1,304	636	810	4,305	3,746
IA	606	578	1,407	1,360	2,920	3,401
KS	52	60	400	377	3,185	2,958
KY	368	386	488	411	2,993	3,132
LA	350	276	532	486	2,427	2,502
MD	1,057	1,071	530	455	2,818	2,630
MA	2,214	2,199	1,349	1,249	6,119	6,008
MI	4,658	4,295	3,146	3,380	24,318	25,213
MN	881	769	1,513	1,801	5,841	6,009
MS	226	185	287	209	2,474	2,395
MO	715	650	663	648	4,310	4,032
NJ	3,053	3,232	799	746	8,915	8,864
NM	374	286	1,802	1,770	1,443	1,653
NY	4,612	4,539	1,496	1,496	12,079	13,266
NC	1,410	1,788	360	358	8,882	8,772
OH	9,766	9,594	1,498	2,066	14,385	13,551
OK	155	139	537	548	1,882	2,279
OR	1,496	1,805	2,518	2,234	7,662	7,624
PA	4,551	4,809	2,766	2,889	12,074	11,556
SC	533	509	317	302	1,993	2,038
TN	1,036	967	153	236	4,366	4,320
TX	1,536	1,107	5,315	4,094	21,785	19,718
UT	55	42	1,322	1,521	2,290	2,616
VA	1,604	2,342	436	373	3,982	4,740
WA	1,742	1,544	1,165	954	4,779	5,359
WI	1,541	1,518	954	1,054	5,820	6,034
36 States	70,199	69,475	109,897	102,107	308,220	292,023

See end of table.

Table 5-109.—Floriculture: Growing area by type of cover, all operations, United States, 1995–96—Continued

State	Shade and temporary cover		Total covered area		Open ground	
	1995	1996	1995	1996	1995	1996
	1,000 Square feet	*1,000 Square feet*	*1,000 Square feet*	*1,000 Square feet*	*Acres*	*Acres*
AL	201	95	8,402	7,655	87	79
AZ	505	407	1,942	1,428	206	254
AR	108	72	2,382	2,062	53	114
CA	19,823	22,273	135,041	134,772	9,072	10,200
CO	276	322	11,052	11,143	66	73
CT	150	220	6,269	6,384	210	165
FL	303,156	323,108	373,077	374,198	9,176	9,577
GA	187	671	7,576	7,892	115	95
HI	19,499	19,316	24,514	22,954	648	666
IL	175	238	9,635	9,602	345	276
IN	169	152	6,589	6,012	134	110
IA	84	116	5,017	5,455	62	69
KS	176	234	3,813	3,629	15	19
KY	58	109	3,907	4,038	57	45
LA	212	163	3,521	3,427	59	72
MD	209	63	4,614	4,219	183	189
MA	174	189	9,856	9,645	322	336
MI	549	784	32,671	33,672	2,041	1,797
MN	99	107	8,334	8,686	85	117
MS	169	102	3,156	2,891	70	81
MO	74	75	5,762	5,405	47	60
NJ	152	344	12,919	13,186	2,145	1,800
NM	46	32	3,665	3,741	18	35
NY	434	511	18,621	19,812	351	410
NC	697	754	11,349	11,672	405	366
OH	218	284	25,867	25,495	162	208
OK	108	142	2,682	3,108	43	32
OR	1,129	1,411	12,805	13,074	1,020	1,255
PA	286	486	19,677	19,740	326	434
SC	78	361	2,921	3,210	200	195
TN	205	164	5,760	5,687	51	80
TX	4,430	4,397	33,066	29,316	230	223
UT	186	118	3,853	4,297	130	98
VA	970	656	6,992	8,111	252	225
WA	164	172	7,850	8,029	1,165	1,158
WI	266	227	8,581	8,833	178	189
36 States	355,422	378,875	843,738	842,480	29,727	31,100

NASS, Crops Branch, (202) 720-2127.

Table 5-110.—Floriculture: Total operations and expanded wholesale value, United States, 1995–96

State	Total operations		Expanded wholesale value [1]	
	1995	1996	1995	1996
	Number	*Number*	*1,000 dollars*	*1,000 dollars*
AL	190	171	49,162	56,004
AZ	28	23	12,061	22,787
AR	83	78	9,167	9,754
CA	980	989	690,928	723,707
CO	164	162	63,818	70,039
CT	267	245	46,251	49,149
FL	1,027	1,028	629,773	660,419
GA	219	199	54,250	54,397
HI	349	353	45,213	51,987
IL	276	244	70,506	68,456
IN	255	233	36,387	34,568
IA	174	191	39,401	39,655
KS	72	68	24,909	23,838
KY	162	154	21,679	21,657
LA	95	94	17,034	20,161
MD	130	114	32,321	30,909
MA	447	414	72,422	70,672
MI	566	536	184,625	181,846
MN	223	214	54,578	53,921
MS	79	68	9,536	11,607
MO	186	172	36,483	34,768
NJ	375	355	96,898	94,434
NM	50	45	21,062	21,358
NY	548	569	126,192	108,623
NC	177	169	82,112	89,397
OH	515	509	155,499	150,330
OK	123	109	13,932	13,106
OR	215	211	67,283	72,075
PA	663	631	114,680	118,004
SC	112	95	25,060	27,578
TN	162	164	34,545	35,030
TX	427	358	179,934	183,852
UT	90	93	28,305	25,333
VA	200	184	52,287	61,067
WA	193	186	73,187	71,452
WI	336	337	57,152	59,143
36 States	10,158	9,765	3,328,632	3,421,083

[1] Wholesale value of sales as reported by growers with $100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below $100,000. The value of sales for growers below the $100,000 level were estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

NASS, Crops Branch, (202) 720-2127.

Table 5-111.—Floriculture Crops: Wholesale value of sales by category for operations with $100,000+ sales, United States, 1995–96

State	Total cut flowers		Total potted flowering plants		Total foliage for indoor or patio use	
	1995	1996	1995	1996	1995	1996
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	450	450	12,863	13,308	1,716	1,448
AZ	1,458	2,000	738	1,062	1,597	1,005
AR	6	25	2,203	2,257	309	225
CA	262,385	288,692	130,078	139,192	86,396	73,656
CO	16,782	17,290	10,086	11,039	1,920	1,835
CT	1,611	1,742	6,728	7,146	2,798	2,339
FL	26,695	27,285	80,148	84,375	309,121	326,803
GA	200	150	10,064	10,758	2,429	1,740
HI	13,709	14,961	9,771	12,060	10,035	13,067
IL	1,967	1,643	22,413	19,553	2,691	1,593
IN	3,490	3,818	6,596	6,186	2,586	1,350
IA	219	256	11,435	11,087	1,583	1,363
KS	72	16	6,181	6,587	2,301	2,662
KY	351	331	5,001	4,585	482	465
LA	235	168	3,187	3,569	2,755	2,270
MD	603	449	6,514	5,754	317	196
MA	6,645	6,035	11,491	11,769	3,531	3,310
MI	10,205	10,388	26,177	27,442	3,767	3,712
MN	5,506	6,610	12,411	11,417	1,318	1,142
MS	177	176	2,394	3,390	233	327
MO	615	518	10,685	9,450	2,097	2,765
NJ	14,971	12,036	26,777	24,871	4,634	6,359
NM	3,003	2,996	11,925	13,081	1,530	1,404
NY	7,612	6,837	31,944	24,234	2,165	1,636
NC	1,344	1,297	32,767	33,021	4,461	6,663
OH	4,939	4,982	35,965	32,934	9,946	9,289
OK	2	2	2,780	2,426	874	965
OR	9,283	8,880	18,034	17,851	784	714
PA	7,036	6,548	26,640	25,557	3,665	6,596
SC	1,124	1,100	4,877	8,841	1,422	748
TN	768	623	11,688	11,836	1,205	1,210
TX	217	215	41,127	39,054	22,093	22,614
UT	2,811	1,045	8,581	7,326	2,033	2,386
VA	2,513	2,496	16,881	22,501	1,739	1,756
WA	11,728	11,478	12,794	8,804	1,458	1,512
WI	2,898	2,962	11,163	11,868	978	772
36 States	423,630	446,500	681,107	686,191	498,969	507,897

See end of table.

Table 5-111.—Floriculture Crops: Wholesale value of sales by category for operations with $100,000+ sales, United States, 1995–96—Continued

State	Total bedding/garden plants		Total cut cultivated greens		Total reported wholesale value of floriculture crops	
	1995	1996	1995	1996	1995	1996
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	29,573	36,928	30	30	44,632	52,164
AZ	7,548	18,270	...	...	11,341	22,337
AR	4,393	5,006	36	36	6,947	7,549
CA	177,623	182,101	16,866	19,201	673,348	702,842
CO	30,766	35,564	4	6	59,558	65,734
CT	27,419	31,397	...	...	38,556	42,624
FL	105,721	106,944	90,538	96,967	612,223	642,374
GA	35,962	36,934	...	...	48,655	49,582
HI	1,868	2,300	95	164	35,478	42,552
IL	35,575	38,557	...	...	62,646	61,346
IN	15,555	15,324	...	...	28,227	26,678
IA	22,084	21,939	...	...	35,321	34,645
KS	14,780	12,953	...	...	23,334	22,218
KY	11,435	11,791	...	...	17,269	17,172
LA	8,412	11,664	...	...	14,589	17,671
MD	21,331	21,534	1	6	28,766	27,939
MA	36,130	36,433	...	...	57,797	57,547
MI	131,171	128,968	...	11	171,320	170,521
MN	28,233	28,512	...	...	47,468	47,681
MS	4,632	5,449	...	...	7,436	9,342
MO	17,626	16,875	...	...	31,023	29,608
NJ	40,810	42,151	1	2	87,193	85,419
NM	3,206	2,482	3	...	19,667	19,963
NY	68,511	60,294	...	7	110,232	93,008
NC	38,515	44,456	...	...	77,087	85,437
OH	92,450	90,615	4	...	143,304	137,820
OK	6,886	6,563	...	...	10,542	9,956
OR	29,010	35,292	4,667	3,578	61,778	66,315
PA	57,119	59,398	...	...	94,460	98,099
SC	14,112	14,204	...	...	21,535	24,893
TN	16,714	16,591	...	...	30,375	30,260
TX	106,091	113,463	866	931	170,394	176,277
UT	12,780	12,199	...	37	26,205	22,993
VA	26,840	29,974	9	35	47,982	56,762
WA	42,197	44,318	...	...	68,177	66,112
WI	33,889	35,512	4	4	48,932	51,118
36 States	1,356,967	1,412,955	113,124	121,015	3,073,797	3,174,558

NASS, Crops Branch, (202) 720-2127.

Table 5-112.—Fruit and orange juice: Cold storage holdings, end of month, United States, 1996 and 1997

Month	Fresh					
	Apples, regular storage		Apples, CA storage		Apples, total	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	400,068	473,011	2,909,565	3,394,662	3,309,633	3,867,673
February	257,114	287,607	2,391,983	2,589,601	2,649,097	2,877,208
March	124,405	135,261	1,866,527	2,293,612	1,990,932	2,428,873
April	69,733	69,254	1,358,042	1,676,347	1,427,775	1,745,601
May	23,093	33,738	885,712	1,219,382	908,805	1,253,120
June	10,175	16,223	534,309	719,986	544,484	736,209
July	11,462	15,219	171,703	280,610	183,165	295,829
August	19,067	24,102	32,946	60,890	52,013	84,992
September	960,669	1,070,519	1,897,961	1,897,798	2,858,630	2,968,317
October	2,145,191	2,146,263	3,953,994	3,554,778	6,099,185	5,701,041
November	1,495,718	1,538,792	3,911,336	3,625,909	5,407,054	5,164,701
December	941,523	1,009,179	3,731,341	3,413,445	4,672,864	4,422,624

Month	Fresh					
	Pears, Bartlett		Pears, other		Pears, total	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	529	72	292,556	152,586	293,085	152,658
February	28	1,751	208,094	116,738	208,122	118,489
March	4	287	122,093	82,165	122,097	82,452
April	1	.....	60,229	42,994	60,230	42,994
May	.....	.....	21,599	34,353	21,599	34,353
June	.....	6,000	3,938	4,005	3,938	10,005
July	14,639	63,037	1,624	1,785	16,263	64,822
August	109,874	108,168	4,151	9,119	114,025	117,287
September	73,983	118,680	257,173	497,449	331,156	616,129
October	31,492	49,781	334,680	535,627	366,172	585,408
November	5,996	9,560	275,338	436,443	281,334	446,003
December	117	1,331	209,215	335,971	209,332	337,302

Month	Frozen							
	Apples		Apricots		Blackberries, IQF		Blackberries, pails & tubs	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	103,879	80,121	5,318	6,850	8,448	11,895	2,372	2,496
February	113,007	81,391	4,712	6,288	7,207	10,505	2,137	2,495
March	106,627	92,725	3,860	5,619	6,240	8,882	2,065	2,558
April	97,332	84,763	2,718	4,168	4,959	8,014	1,485	2,250
May	96,258	86,598	2,219	4,456	4,344	7,135	1,557	2,417
June	85,745	80,088	15,191	17,237	3,481	5,941	1,376	2,449
July	70,749	74,766	14,009	22,367	12,099	17,854	4,100	5,919
August	59,817	61,171	12,867	24,209	14,733	20,163	3,765	5,990
September	51,281	52,140	11,276	19,857	15,588	18,361	4,036	5,568
October	54,423	52,631	10,551	16,458	14,438	15,591	2,999	4,671
November	63,138	53,174	9,465	16,228	13,508	14,859	3,061	3,775
December	75,665	63,067	8,545	12,567	12,407	13,934	2,750	3,560

Month	Frozen							
	Blackberries, barrels		Blackberries, concentrate		Blackberries, total		Blueberries	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	2,119	2,608	1,910	1,094	14,849	18,093	60,590	55,782
February	2,105	2,235	1,823	1,172	13,272	16,407	55,911	47,892
March	1,694	2,071	1,647	964	11,646	14,475	47,192	39,023
April	1,878	1,805	1,393	744	9,715	12,813	38,532	32,624
May	1,034	1,606	1,199	577	8,134	11,735	29,363	25,661
June	863	1,433	997	527	6,717	10,350	23,786	21,968
July	5,237	11,263	1,030	1,085	22,466	36,121	33,950	38,753
August	6,682	12,190	967	996	26,147	39,339	81,006	94,398
September	7,075	10,035	913	1,425	27,612	35,389	82,105	114,948
October	5,453	8,516	1,163	1,597	24,053	30,375	71,317	102,497
November	4,763	8,226	1,109	1,514	22,441	28,374	66,381	96,928
December	4,159	7,340	911	1,380	20,227	26,214	60,126	87,345

See end of table.

Table 5-112.—Fruit and orange juice: Cold storage holdings, end of month, United States, 1996 and 1997—Continued

Month	Boysenberries		Cherries, Tart (RSP)		Cherries, Sweet		Grapes	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	2,236	3,001	116,522	112,844	12,868	10,722	5,566	5,549
February	2,443	3,097	106,329	100,144	12,039	7,742	5,581	3,779
March	2,262	3,121	92,923	90,809	10,547	8,128	4,787	3,152
April	1,717	2,718	82,708	78,561	9,580	6,991	3,850	2,842
May	1,472	2,560	68,846	70,508	10,098	6,981	3,484	2,133
June	1,789	3,750	59,995	60,953	7,534	6,851	3,431	1,820
July	6,301	8,927	103,759	105,283	14,267	15,599	3,402	1,870
August	6,281	8,098	155,678	194,571	15,209	21,073	3,335	1,576
September	4,595	7,037	151,751	168,173	12,397	18,008	4,137	2,175
October	4,880	6,169	146,260	154,891	11,951	19,394	5,491	4,365
November	4,303	6,060	137,226	148,945	13,212	15,469	5,253	3,740
December	3,561	5,897	127,102	136,297	12,201	15,270	4,879	3,492

Month	Peaches		Raspberries, Black		Red Raspberries, IQF		Red Raspberries, pails & tubs	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	44,191	42,461	1,538	1,191	10,269	11,592	16,413	12,371
February	39,396	37,814	1,417	1,089	9,309	9,643	15,647	10,818
March	27,982	33,725	1,116	1,056	8,718	10,205	13,316	9,180
April	24,756	29,614	626	910	7,439	9,813	11,994	8,434
May	18,910	23,021	551	583	6,977	8,873	8,301	6,735
June	15,327	19,062	526	1,786	7,607	12,569	7,950	8,421
July	24,756	39,272	1,789	2,129	19,639	19,544	16,271	22,063
August	52,915	59,679	1,837	1,381	17,049	16,987	17,103	21,454
September	61,279	102,472	1,701	1,234	15,715	17,577	16,621	18,129
October	59,154	86,858	1,597	1,103	15,534	14,501	14,834	15,948
November	54,796	82,393	1,493	873	14,327	12,864	14,111	16,514
December	50,471	72,317	1,324	660	12,717	11,146	13,173	14,931

Month	Red Raspberries, barrels		Red Raspberries, concentrate		Red Raspberries, total		Strawberries	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	7,969	8,571	2,331	896	36,982	33,430	216,386	184,750
February	8,063	7,681	1,772	1,082	34,791	29,224	191,011	158,019
March	5,264	5,117	1,397	959	28,695	25,461	166,946	136,213
April	4,523	3,272	1,096	922	25,052	22,441	200,760	160,558
May	3,153	3,189	989	836	19,420	19,633	276,501	245,454
June	3,098	6,657	899	678	19,554	28,325	315,120	336,086
July	22,579	39,080	1,464	1,111	59,953	81,798	327,159	359,749
August	19,532	34,785	933	1,074	54,617	74,300	311,106	321,716
September	15,744	29,731	1,385	1,050	49,465	66,487	292,382	295,569
October	12,287	26,095	1,495	1,179	44,150	57,723	268,579	282,728
November	11,223	23,470	1,189	1,306	40,850	54,154	240,965	251,850
December	9,615	21,788	989	1,945	36,494	49,810	212,031	220,540

Month	Other fruit		Total frozen fruit		Orange juice	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	435,438	424,851	1,057,537	981,647	1,295,401	1,522,559
February	397,132	372,646	978,215	866,234	1,352,962	1,677,619
March	316,154	311,779	821,415	766,036	1,322,281	1,752,871
April	257,182	259,983	755,359	699,577	1,443,874	1,993,434
May	220,603	225,872	757,379	725,823	1,596,917	2,175,989
June	202,355	186,212	757,616	775,321	1,534,973	1,977,673
July	176,459	150,751	861,605	938,501	1,423,596	1,761,760
August	134,730	125,051	919,272	1,029,414	1,237,292	1,571,779
September	147,604	165,217	900,694	1,050,522	965,573	1,287,848
October	650,416	622,412	1,357,374	1,439,890	732,652	1,140,877
November	547,603	595,928	1,211,078	1,355,971	690,976	1,214,354
December	473,832	536,232	1,090,534	1,233,115	1,069,372	1,503,354

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Table 5-113.—Nuts: Cold storage holdings, end of month, United States, 1996 and 1997

Month	Peanuts					
	Shelled		In-shell		Total	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	280,136	270,316	14,494	23,690	294,630	294,006
February	284,137	311,388	16,809	31,014	300,946	342,402
March	293,529	366,752	23,154	38,726	316,683	405,478
April	335,715	433,323	25,271	47,852	360,986	481,175
May	358,433	470,696	19,698	48,546	378,131	519,242
June	348,102	491,768	14,164	49,378	362,266	541,146
July	259,088	412,581	10,830	36,155	269,918	448,736
August	144,254	271,912	5,340	15,064	149,594	286,976
September ..	102,799	176,668	2,329	12,079	105,128	188,747
October	134,427	181,767	9,834	10,421	144,261	192,188
November ...	182,299	222,150	22,079	10,725	204,378	232,875
December ...	215,702	262,756	20,469	14,379	236,171	277,135

Month	Pecans					
	Shelled		In-shell		Total	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	30,782	38,566	153,555	101,190	184,337	139,756
February	32,713	39,800	147,022	98,450	179,735	138,250
March	39,621	39,627	134,922	87,843	174,543	127,470
April	43,649	42,406	118,160	66,904	161,809	109,310
May	45,149	42,827	102,124	52,379	147,273	95,206
June	48,261	41,924	82,415	39,723	130,676	81,647
July	52,988	39,822	64,861	21,819	117,849	61,641
August	48,163	35,282	44,491	13,104	92,654	48,386
September ..	43,879	22,862	23,750	4,600	67,629	27,462
October	33,520	16,502	15,886	9,521	49,406	26,023
November ...	30,019	14,975	27,291	34,771	57,310	49,746
December ...	34,794	17,765	70,596	80,789	105,390	98,554

Month	Other nuts					
	Shelled		In-shell		Total	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	113,148	96,401	7,491	7,520	120,639	103,921
February	115,289	95,788	6,275	7,193	121,564	102,981
March	122,067	96,567	63,991	30,704	186,058	127,271
April	118,714	97,751	30,559	14,616	149,273	112,367
May	108,077	88,199	64,547	29,546	172,624	117,745
June	106,217	81,596	42,839	4,860	149,056	86,456
July	87,918	65,496	12,200	4,344	100,118	69,840
August	72,458	58,407	11,587	6,558	84,045	64,965
September ..	56,875	72,249	9,812	8,766	66,687	81,015
October	72,930	75,080	10,864	13,383	83,794	88,463
November ...	85,970	88,712	9,903	10,251	95,873	98,963
December ...	94,886	97,314	7,057	7,308	101,943	104,622

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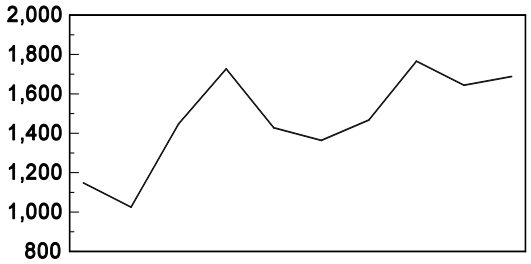
Apples

Value of Production, 1988-97

Million Dollars



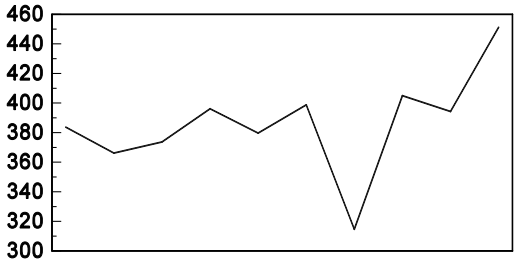
Year	88	89	90	91	92	93	94	95	96	97
Value—	1,148	1,025	1,448	1,727	1,428	1,364	1,467	1,766	1,644	1,688

NASS Table 5-4

Peaches

Value of Production, 1988-97

Million Dollars



Year	88	89	90	91	92	93	94	95	96	97
Value—	383.7	366.2	373.7	396.1	379.7	398.8	314.7	405.0	394.3	451.2

NASS Table 5-48

CHAPTER VI

STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops.

Table 6-1.—Hay, all: Area, yield, production, and value, United States, 1988–97

Year	Area harvested	Yield per acre	Production	Marketing year average price per ton received by farmers	Value of production
	1,000 acres	*Tons*	*1,000 tons*	*Dollars*	*1,000 dollars*
1988	64,771	1.94	125,736	85.20	10,439,974
1989	62,722	2.31	144,706	85.40	11,144,382
1990	61,030	2.40	146,212	80.60	10,420,874
1991	61,834	2.46	152,073	71.20	9,941,020
1992	58,903	2.49	146,903	74.30	10,435,994
1993	59,679	2.46	146,799	84.70	10,956,746
1994	58,735	2.55	150,060	86.70	11,113,656
1995	59,629	2.59	154,166	82.20	11,041,844
1996	60,879	2.45	149,457	95.80	12,722,600
1997 [1]	60,815	2.50	152,120	102.50	13,416,721

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-2.—Hay, all: Stocks on farms, United States, 1988–97

Crop year	Dec. 1	May 1 [1]	Crop year	Dec. 1	May 1 [1]
	1,000 tons	*1,000 tons*		*1,000 tons*	*1,000 tons*
1988	90,312	17,507	1993	100,953	22,096
1989	100,786	26,993	1994	105,296	20,775
1990	104,701	26,974	1995	109,438	20,739
1991	111,123	28,216	1996	104,832	17,372
1992	105,290	21,102	1997 [2]	102,517	NA

[1] Following year. [2] Preliminary. NA-not available.

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Table 6-3.—Hay, alfalfa and alfalfa mixtures: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AZ	165	160	180	7.80	8.00	8.20	1,287	1,280	1,476
AR	25	25	25	2.50	2.40	2.80	63	60	70
CA	940	940	980	6.90	7.00	7.20	6,486	6,580	7,056
CO	850	860	820	3.60	3.50	3.90	3,060	3,010	3,198
CT	15	15	12	2.10	2.50	2.40	32	38	29
DE	4	7	7	3.75	4.60	3.40	15	32	24
ID	1,100	1,000	1,020	4.10	4.20	4.40	4,510	4,200	4,488
IL	620	600	630	4.00	3.60	3.90	2,480	2,160	2,457
IN	320	425	400	4.00	3.20	3.80	1,280	1,360	1,520
IA	1,350	1,200	1,200	3.60	3.60	3.50	4,860	4,320	4,200
KS	850	800	900	3.80	4.30	4.00	3,230	3,440	3,600
KY	300	300	300	3.90	3.60	3.30	1,170	1,080	990
ME	15	10	7	2.00	3.00	1.70	30	30	12
MD	55	60	40	4.30	4.70	3.60	237	282	144
MA	20	15	16	2.40	2.00	2.50	48	30	40
MI	1,050	950	900	4.10	3.60	3.40	4,305	3,420	3,060
MN	1,425	1,475	1,475	3.50	3.10	3.30	4,988	4,573	4,868
MO	450	480	480	2.80	2.75	2.80	1,260	1,320	1,344
MT	1,600	1,700	1,650	2.50	2.10	2.40	4,000	3,570	3,960
NE	1,350	1,400	1,300	3.60	3.70	3.25	4,860	5,180	4,225
NV	240	240	240	4.50	4.50	4.50	1,080	1,080	1,080
NH	13	12	8	2.10	1.95	1.90	27	23	15
NJ	30	25	25	3.50	3.50	2.90	105	88	73
NM	250	255	265	5.30	5.40	5.70	1,325	1,377	1,511
NY	650	640	640	2.60	2.70	2.60	1,690	1,728	1,664
NC	20	15	15	3.10	2.80	3.00	62	42	45
ND	1,400	1,700	1,750	2.20	1.85	1.40	3,080	3,145	2,450
OH	700	700	600	3.80	3.00	3.60	2,660	2,100	2,160
OK	380	390	390	3.80	3.50	3.80	1,444	1,365	1,482
OR	450	460	430	4.30	4.40	4.70	1,935	2,024	2,021
PA	780	750	740	2.90	3.10	2.80	2,262	2,325	2,072
RI	2	2	3	2.00	2.90	1.70	4	6	5
SD	2,600	2,500	2,300	2.50	2.20	2.30	6,500	5,500	5,290
TN	50	40	40	3.60	3.40	3.30	180	136	132
TX	160	150	100	3.60	4.50	4.70	576	675	470
UT	545	545	545	4.30	4.00	4.30	2,344	2,180	2,344
VT	95	65	50	2.10	2.10	2.30	200	137	115
VA	140	130	130	3.30	3.60	2.80	462	468	364
WA	500	490	480	5.10	4.70	5.00	2,550	2,303	2,400
WV	40	40	40	3.00	2.80	3.00	120	112	120
WI	2,300	2,100	1,900	2.60	2.50	2.60	5,980	5,250	4,940
WY	640	620	640	2.70	2.40	2.70	1,728	1,488	1,728
US	24,489	24,291	23,673	3.45	3.27	3.35	84,515	79,517	79,242

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-4.—Hay, all other: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	720	730	750	2.10	2.40	2.10	1,512	1,752	1,575
AZ	30	19	40	3.50	3.50	4.10	105	67	164
AR	1,025	1,125	1,150	1.90	2.00	2.00	1,948	2,250	2,300
CA	530	510	520	3.50	2.80	3.00	1,855	1,428	1,560
CO	510	580	610	1.80	1.80	1.95	918	1,044	1,190
CT	58	65	60	1.90	1.90	1.40	110	124	84
DE	7	8	8	2.30	4.00	3.00	16	32	24
FL	230	240	230	2.50	2.60	2.60	575	624	598
GA	600	600	600	2.50	2.80	2.60	1,500	1,680	1,560
ID	300	280	300	1.90	2.00	2.20	570	560	660
IL	430	400	390	2.60	2.20	2.30	1,118	880	897
IN	400	300	325	2.80	2.20	2.50	1,120	660	813
IA	350	450	450	2.30	2.20	2.20	805	990	990
KS	1,750	1,700	1,800	1.90	2.10	1.80	3,325	3,570	3,240
KY	2,100	2,100	2,000	2.20	2.20	2.30	4,620	4,620	4,600
LA	310	310	320	2.40	2.70	2.60	744	837	832
ME	210	175	155	1.85	1.75	1.70	389	306	264
MD	150	160	150	2.10	2.60	2.20	315	416	330
MA	80	80	85	1.80	2.00	1.50	144	160	128
MI	300	350	350	2.40	2.20	2.00	720	770	700
MN	850	750	900	2.30	1.90	1.80	1,955	1,425	1,620
MS	725	800	720	2.30	2.50	2.50	1,668	2,000	1,800
MO	2,850	3,200	3,000	1.95	1.75	1.95	5,558	5,600	5,850
MT	800	900	950	1.70	1.50	1.60	1,360	1,350	1,520
NE	1,800	1,750	1,900	1.30	1.30	1.20	2,340	2,275	2,280
NV	250	250	250	1.70	1.70	1.70	425	425	425
NH	55	55	45	2.00	1.70	1.65	110	94	74
NJ	100	95	95	1.80	1.90	2.20	180	181	209
NM	100	100	90	1.90	2.00	1.90	190	200	171
NY	950	870	860	1.85	2.00	2.00	1,758	1,740	1,720
NC	510	525	515	2.40	2.10	2.20	1,224	1,103	1,133
ND	1,300	1,200	1,400	1.55	1.40	1.20	2,015	1,680	1,680
OH	550	500	650	2.50	2.60	2.60	1,375	1,300	1,690
OK	1,820	2,300	2,100	1.50	1.60	1.70	2,730	3,680	3,570
OR	650	610	615	2.10	2.00	2.20	1,365	1,220	1,353
PA	1,130	1,130	1,130	1.90	2.00	1.50	2,147	2,260	1,695
RI	5	6	4	2.00	2.50	2.20	10	15	9
SC	300	280	300	2.40	2.00	2.00	720	560	600
SD	1,700	1,800	2,000	1.50	1.50	1.40	2,550	2,700	2,800
TN	1,700	1,750	1,700	2.20	2.10	2.10	3,740	3,675	3,570
TX	3,600	4,200	4,300	2.10	1.70	2.40	7,560	7,140	10,320
UT	150	160	155	2.00	2.10	2.20	300	336	341
VT	205	185	220	1.75	2.00	1.90	359	370	418
VA	1,110	1,150	1,110	1.90	2.20	1.70	2,109	2,530	1,887
WA	260	310	300	2.80	2.70	2.90	728	837	870
WV	520	530	520	1.80	1.80	1.80	936	954	936
WI	400	400	400	2.10	2.00	2.40	840	800	960
WY	660	600	620	1.50	1.20	1.40	990	720	868
US	35,140	36,588	37,142	1.98	1.91	1.96	69,651	69,940	72,878

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-5.—Hay, all: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per harvested acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	720	730	750	2.10	2.40	2.10	1,512	1,752	1,575
AZ	195	179	220	7.14	7.53	7.45	1,392	1,347	1,640
AR	1,050	1,150	1,175	1.92	2.01	2.02	2,011	2,310	2,370
CA	1,470	1,450	1,500	5.67	5.52	5.74	8,341	8,008	8,616
CO	1,360	1,440	1,430	2.93	2.82	3.07	3,978	4,054	4,388
CT	73	80	72	1.95	2.03	1.57	142	162	113
DE	11	15	15	2.82	4.27	3.20	31	64	48
FL	230	240	230	2.50	2.60	2.60	575	624	598
GA	600	600	600	2.50	2.80	2.60	1,500	1,680	1,560
ID	1,400	1,280	1,320	3.63	3.72	3.90	5,080	4,760	5,148
IL	1,050	1,000	1,020	3.43	3.04	3.29	3,598	3,040	3,354
IN	720	725	725	3.33	2.79	3.22	2,400	2,020	2,333
IA	1,700	1,650	1,650	3.33	3.22	3.15	5,665	5,310	5,190
KS	2,600	2,500	2,700	2.52	2.80	2.53	6,555	7,010	6,840
KY	2,400	2,400	2,300	2.41	2.38	2.43	5,790	5,700	5,590
LA	310	310	320	2.40	2.70	2.60	744	837	832
ME	225	185	162	1.86	1.82	1.70	419	336	276
MD	205	220	190	2.69	3.17	2.49	552	698	474
MA	100	95	101	1.92	2.00	1.66	192	190	168
MI	1,350	1,300	1,250	3.72	3.22	3.01	5,025	4,190	3,760
MN	2,275	2,225	2,375	3.05	2.70	2.73	6,943	5,998	6,488
MS	725	800	720	2.30	2.50	2.50	1,668	2,000	1,800
MO	3,300	3,680	3,480	2.07	1.88	2.07	6,818	6,920	7,194
MT	2,400	2,600	2,600	2.23	1.89	2.11	5,360	4,920	5,480
NE	3,150	3,150	3,200	2.29	2.37	2.03	7,200	7,455	6,505
NV	490	490	490	3.07	3.07	3.07	1,505	1,505	1,505
NH	68	67	53	2.01	1.75	1.68	137	117	89
NJ	130	120	120	2.19	2.24	2.35	285	269	282
NM	350	355	355	4.33	4.44	4.74	1,515	1,577	1,682
NY	1,600	1,510	1,500	2.16	2.30	2.26	3,448	3,468	3,384
NC	530	540	530	2.43	2.12	2.22	1,286	1,145	1,178
ND	2,700	2,900	3,150	1.89	1.66	1.31	5,095	4,825	4,130
OH	1,250	1,200	1,250	3.23	2.83	3.08	4,035	3,400	3,850
OK	2,200	2,690	2,490	1.90	1.88	2.03	4,174	5,045	5,052
OR	1,100	1,070	1,045	3.00	3.03	3.23	3,300	3,244	3,374
PA	1,910	1,880	1,870	2.31	2.44	2.01	4,409	4,585	3,767
RI	7	8	7	2.00	2.63	2.00	14	21	14
SC	300	280	300	2.40	2.00	2.00	720	560	600
SD	4,300	4,300	4,300	2.10	1.91	1.88	9,050	8,200	8,090
TN	1,750	1,790	1,740	2.24	2.13	2.13	3,920	3,811	3,702
TX	3,760	4,350	4,400	2.16	1.80	2.45	8,136	7,815	10,790
UT	695	705	700	3.80	3.57	3.84	2,644	2,516	2,685
VT	300	250	270	1.86	2.03	1.97	559	507	533
VA	1,250	1,280	1,240	2.06	2.34	1.82	2,571	2,998	2,251
WA	760	800	780	4.31	3.93	4.19	3,278	3,140	3,270
WV	560	570	560	1.89	1.87	1.89	1,056	1,066	1,056
WI	2,700	2,500	2,300	2.53	2.42	2.57	6,820	6,050	5,900
WY	1,300	1,220	1,260	2.09	1.81	2.06	2,718	2,208	2,596
US	59,629	60,879	60,815	2.59	2.45	2.50	154,166	149,457	152,120

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-6.—Hay, all: Marketing year average price and value of production, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per ton, baled			Value of production		
	1995	1996	1997	1995	1996	1997
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	50.00	49.00	47.00	75,600	85,848	74,025
AZ	78.50	94.00	111.00	109,496	126,592	181,384
AR	61.50	64.00	61.00	115,359	131,550	133,230
CA	98.50	108.00	123.00	780,299	840,896	1,037,220
CO	88.50	98.00	103.00	348,840	390,906	453,526
CT	120.00	124.00	131.00	17,066	20,314	14,795
DE	106.00	122.00	146.00	3,268	7,872	7,008
FL	83.00	84.00	90.00	47,725	52,416	53,820
GA	65.00	62.50	59.00	97,500	105,000	92,040
ID	87.00	96.00	107.00	434,785	450,240	540,012
IL	82.00	108.00	103.00	287,190	322,800	340,256
IN	76.00	129.00	114.00	178,160	261,800	258,928
IA	81.00	106.00	110.00	457,763	538,335	558,240
KS	75.00	83.00	85.50	436,573	543,695	553,500
KY	69.00	83.00	73.00	398,790	442,350	393,720
LA	46.00	55.00	54.00	34,224	46,035	44,928
ME	84.00	86.00	95.00	35,138	29,310	26,016
MD	106.00	119.00	140.00	58,593	83,104	64,662
MA	116.00	118.00	134.00	22,320	22,320	22,792
MI	66.00	106.00	102.00	331,995	442,895	378,530
MN	72.50	81.00	91.50	494,497	526,646	600,208
MS	51.00	54.00	43.00	85,068	108,000	77,400
MO	67.00	69.50	70.50	460,999	483,320	511,251
MT	66.00	80.00	81.00	346,840	379,620	431,880
NE	59.00	66.50	77.50	407,700	470,033	473,660
NV	96.00	99.50	104.00	141,735	144,585	151,880
NH	110.00	114.00	126.00	15,060	13,399	11,175
NJ	119.00	119.00	119.00	33,855	31,873	33,001
NM	114.00	128.00	123.00	171,275	197,333	206,888
NY	85.50	87.00	89.50	285,436	301,566	307,160
NC	72.00	83.00	84.00	92,810	94,467	98,531
ND	43.00	52.00	61.50	209,240	240,068	238,525
OH	78.00	132.00	143.00	330,940	455,750	528,785
OK	73.50	93.50	85.50	277,064	383,295	367,149
OR	99.50	104.00	116.00	303,615	313,336	362,920
PA	94.50	124.00	134.00	431,085	551,175	520,416
RI	129.00	131.00	130.00	1,800	2,763	1,913
SC	64.00	82.50	85.00	46,080	46,200	51,000
SD	57.50	77.50	83.50	507,300	617,300	632,430
TN	44.00	45.00	56.00	172,560	172,169	207,036
TX	72.00	98.00	81.00	517,212	687,795	703,290
UT	66.00	72.00	85.50	169,554	173,674	222,236
VT	85.00	98.00	121.00	47,443	49,562	63,261
VA	86.50	78.00	83.00	221,850	232,375	187,590
WA	97.00	115.00	119.00	328,878	371,347	394,980
WV	64.50	58.50	50.00	67,488	61,986	53,088
WI	61.50	84.00	89.00	414,020	503,325	533,690
WY	71.50	76.50	85.50	189,756	165,360	216,746
US	82.20	95.80	102.50	11,041,844	12,722,600	13,416,721

NASS, Crops Branch, (202) 720–2127.

Table 6-7.—Hay: Area and production, by kinds, United States, 1988–97

Year	Area harvested			Production		
	Alfalfa	All other hay	All hay	Alfalfa	All other hay	All hay
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*
1988	26,751	38,020	64,771	69,306	56,430	125,736
1989	25,796	36,926	62,722	77,059	67,647	144,706
1990	25,346	35,684	61,030	83,413	62,799	146,212
1991	25,414	36,420	61,834	83,319	68,754	152,073
1992	24,070	34,833	58,903	79,140	67,763	146,903
1993	24,723	34,956	59,679	80,305	66,494	146,799
1994	24,198	34,537	58,735	81,336	68,724	150,060
1995	24,489	35,140	59,629	84,515	69,651	154,166
1996	24,291	36,588	60,879	79,517	69,940	149,457
1997 [1]	23,673	37,142	60,815	79,242	72,878	152,120

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-8.—Hay: Supply and disappearance, prices, and number of animal units fed annually, United States, 1988–97 [1]

Year beginning May	Farm carryover 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*
1988	27.1	126.0	153.1	135.6	74.5	2.06	1.82	85.20
1989	17.5	145.5	163.0	136.0	73.7	2.21	1.85	85.40
1990	27.0	146.8	173.9	146.9	73.5	2.37	2.00	80.60
1991	27.0	153.3	180.3	152.1	74.7	2.41	2.04	71.20
1992	28.2	146.9	175.1	154.1	75.2	2.33	2.05	74.30
1993	21.0	146.8	167.8	145.7	76.3	2.20	1.91	84.70
1994	22.1	150.1	172.2	151.4	77.9	2.21	1.94	86.70
1995	20.8	154.2	174.9	154.2	77.9	2.25	1.98	82.20
1996	20.7	149.5	170.2	152.8	75.9	2.24	2.01	93.00
1997 [2]	17.4	153.9	171.3	NA	73.4	2.33	NA	NA

[1] Excludes trade. [2] Preliminary. NA-not available.

ERS, Market and Trade Economics Division, (202) 694-5296.

Table 6-9.—Field seeds: Average retail price paid by farmers for seed, Apr. 15, United States, 1988–97

Kind of seed	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997
	Price per 100 pounds									
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Alfalfa, uncertified varieties	181.00	180.00	157.00	174.00	146.00	152.00	161.00	168.00	185.00	185.00
Alfalfa, certified varieties	245.00	249.00	253.00	266.00	252.00	269.00	266.00	274.00	277.00	282.00
Red clover	143.00	162.00	145.00	134.00	122.00	148.00	148.00	134.00	172.00	184.00
Ladino clover	300.00	294.00	287.00	290.00	316.00	324.00	321.00	320.00	318.00	307.00
Lespedeza, Korean	67.50	67.30	62.80	67.70	92.40	132.00	84.50	66.00	99.00	90.00
Lespedeza, Striate, Kobe	83.50	82.60	88.40	86.00	99.30	119.00	82.40	95.60	125.00	112.00
Lespedeza, Sericea	275.00	167.00	134.00	101.00	92.80	92.10	169.00	178.00	291.00	220.00
Timothy	132.00	132.00	82.10	66.40	66.30	80.60	76.00	71.00	76.00	73.00
Orchardgrass	116.00	117.00	102.00	101.00	100.00	122.00	161.00	148.00	141.00	119.00
Blue Grass, Kentucky:										
Public and common	244.00	225.00	133.00	109.00	122.00	239.00	211.00	159.00	172.00	153.00
Proprietary, including Merion	283.00	275.00	209.00	196.00	189.00	283.00	274.00	228.00	243.00	224.00
Ryegrass, annual	47.90	54.30	50.50	46.80	43.80	56.70	64.60	67.60	58.80	57.90
Tall fescue	71.80	111.00	85.10	89.00	67.80	87.00	71.50	88.10	109.00	148.00
Sudangrass	42.00	45.30	47.70	48.10	47.10	45.20	47.90	51.80	51.90	51.40
Potatoes	7.12	10.60	11.00	9.70	6.95	8.60	10.20	7.90	10.30	7.60
Peanuts	74.20	74.30	75.70	123.00	77.20	77.30	86.90	79.50	82.00	81.75
Sunflower	266.00	277.00	308.00	314.00	300.00	300.00	297.00	297.00	313.00	355.00
Cottonseed	47.70	50.10	54.30	58.20	59.70	62.70	63.50	68.20	73.00	74.90
Grain sorghums, hybrid	65.70	69.50	69.90	71.20	72.30	74.50	82.10	78.70	84.00	92.00
	Price per bushel									
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Corn, hybrid [1]	64.20	71.40	69.90	70.20	71.80	72.70	73.40	77.10	77.70	83.50
Wheat (spring)	5.89	6.71	6.05	4.72	6.06	5.98	7.37	7.12	8.10	7.30
Wheat (winter)	.....	7.55	8.01	6.89	7.41	7.73	7.90	7.80	8.50	10.00
Oats (spring)	4.37	5.89	4.19	3.71	4.26	4.39	4.69	4.51	5.19	5.32
Rice	([2])	([2])	15.20	14.40	16.50	15.40	22.00	15.10	17.50	19.00
Barley (spring)	4.58	5.91	5.25	4.55	5.10	5.00	5.18	5.37	6.49	6.13
Soybeans for seed	11.90	14.70	12.50	12.80	12.40	12.40	13.60	13.40	14.80	16.10
Flaxseed	6.61	11.40	11.00	8.80	7.94	7.37	7.74	8.00	8.14	9.31

[1] Price per 80,000 kernels. [2] Unavailable.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 6-10.—Beans, dry edible: Area, yield, production, and value, United States, 1988–97 [1] [2]

Year	Area planted	Area harvested	Yield per harvested acre [3]	Production [3]	Marketing year average price per 100 pounds received by farmers	Value of production
	1,000 acres	*1,000 acres*	*Pounds*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
1988	1,485.4	1,353.0	1,423	19,253	29.90	575,148
1989	1,824.6	1,650.9	1,437	23,729	28.50	676,635
1990	2,177.6	2,084.4	1,553	32,379	18.50	594,167
1991	1,964.1	1,913.7	1,764	33,765	15.60	528,311
1992	1,640.6	1,529.9	1,478	22,615	19.90	512,889
1993	1,871.9	1,622.0	1,351	21,913	24.60	539,531
1994	2,015.8	1,835.2	1,582	29,028	22.50	632,461
1995	2,069.3	1,899.3	1,622	30,812	20.80	636,133
1996	1,843.0	1,752.7	1,595	27,960	23.50	653,134
1997	1,851.8	1,720.2	1,695	29,156	17.70	586,452

[1] Figures include principal producing States only. [2] Excludes beans grown for garden seed. [3] Cleaned basis.
NASS, Crops Branch, (202) 720–2127.

Table 6-11.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1995–97 [1]

Class	1995	1996	1997 [2]	Class	1995	1996	1997 [2]
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*		*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Peas (navy)	7,319	6,001	5,487				
Great northern	2,176	2,252	2,267	Black	2,305	1,350	2,100
Small white	163	113	185	Large lima (CA)	415	394	698
Pinto	11,349	12,162	10,827	Baby lima (CA)	510	517	914
Red kidney, light	1,316	1,039	1,569	Blackeye	1,091	567	802
Red kidney, dark	925	1,056	972	Garbanzo	473	504	381
Pink	652	528	699	Other	798	569	694
Small red	745	405	900	Total	30,812	27,960	29,156
Cranberry	575	503	661				

[1] Excludes beans grown for garden seed. [2] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 6-12.—Beans, dry edible: Area, yield, and production, by States, 1995–97 [1]

State	Area planted			Area harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)		
	1995	1996	1997	1995	1996	1997	1995	1996	1997	1995	1996	1997
	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.*
CA	145.0	128.0	135.0	137.0	123.0	132.0	2,000	1,890	2,250	2,740	2,325	2,970
CO	190.0	145.0	135.0	165.0	125.0	120.0	1,550	1,800	1,900	2,558	2,250	2,280
ID	110.0	95.0	105.0	108.0	93.0	103.0	2,000	2,050	2,150	2,160	1,907	2,215
KS	34.0	28.0	22.0	31.0	24.0	20.0	1,550	1,850	1,900	481	444	380
MI	390.0	340.0	315.0	385.0	320.0	305.0	1,800	1,450	1,650	6,930	4,640	5,033
MN	190.0	160.0	170.0	150.0	155.0	155.0	1,370	1,560	1,550	2,055	2,418	2,403
MT	11.0	10.5	12.2	10.8	10.3	11.7	1,900	2,280	2,200	205	235	257
NE	225.0	205.0	190.0	205.0	195.0	180.0	1,750	1,900	2,060	3,588	3,705	3,708
NM	12.5	12.0	12.0	12.5	12.0	12.0	2,010	2,200	1,700	251	264	204
NY	34.0	30.0	40.0	33.0	29.0	39.5	1,630	1,300	1,560	538	377	617
ND	600.0	580.0	600.0	540.0	570.0	530.0	1,330	1,320	1,300	7,182	7,524	6,890
OR	10.2	9.2	11.0	10.0	8.8	10.9	2,080	1,800	2,060	208	158	224
TX	25.0	13.0	15.0	23.0	10.0	14.0	980	840	1,020	225	84	143
UT	7.3	5.0	5.8	7.0	0.6	5.6	460	1,600	700	32	10	39
WA	41.0	37.0	38.0	41.0	35.0	38.0	2,200	2,030	2,240	902	710	850
WI	9.3	8.3	8.8	9.0	8.0	8.5	1,300	1,800	1,800	117	144	153
WY	35.0	37.0	37.0	32.0	34.0	35.0	2,000	2,250	2,260	640	765	790
US	2,069.3	1,843.0	1,851.8	1,899.3	1,752.7	1,720.2	1,622	1,595	1,695	30,812	27,960	29,156

[1] Excludes beans grown for garden seed.
NASS, Crops Branch, (202) 720–2127.

Table 6-13.—Beans, dry edible (cleaned basis): Marketing year average price and value of production, by States, crop of 1995, 1996, and 1997 [1]

State	Marketing year average price per cwt.			Value of production		
	1995	1996	1997	1995	1996	1997
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
CA	34.80	38.50	29.60	95,352	89,513	87,912
CO	18.50	22.50	19.20	47,323	50,625	43,776
ID	20.90	24.00	20.30	45,144	45,768	44,965
KS	18.80	26.50	17.00	9,043	11,766	6,460
MI	19.40	21.70	20.80	134,442	100,688	104,686
MN	18.90	23.00	17.50	38,840	55,614	42,053
MT	16.10	24.50	18.50	3,301	5,758	4,755
NE	22.00	21.50	18.60	78,936	79,658	68,969
NM	25.00	23.50	22.40	6,275	6,204	4,570
NY	18.10	27.00	19.50	9,738	10,179	12,032
ND	16.90	20.30	18.00	121,376	152,737	124,020
OR	23.40	23.20	16.70	4,867	3,666	3,741
TX	15.20	25.00	18.00	3,420	2,100	2,574
UT	19.00	24.00	17.50	608	240	683
WA	23.00	24.40	21.70	20,746	17,324	18,445
WI	27.50	31.00	22.10	3,218	4,464	3,381
WY	21.10	22.00	17.00	13,504	16,830	13,430
US	20.80	23.50	17.70	636,133	653,134	586,452

[1] Excludes beans grown for garden seed.

NASS, Crops Branch, (202) 720–2127.

Table 6-14.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1987–96

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*
1987	38.75	41.16	25.46	26.18	20.22	23.07	22.68	20.93
1988	40.16	45.81	28.28	50.42	37.64	30.48	34.06	37.65
1989	33.67	43.06	31.14	42.95	40.51	32.95	33.45	29.82
1990	37.61	45.98	31.73	27.01	21.19	21.94	31.16	20.41
1991	21.83	38.93	23.68	31.08	17.91	18.93	25.62	17.71
1992	22.70	26.65	25.80	24.29	23.81	21.25	30.02	21.15
1993	34.65	41.87	42.72	33.18	33.28	33.15	29.33	23.73
1994	33.81	44.67	40.18	31.09	21.32	37.18	28.19	31.63
1995	39.60	50.00	28.75	31.20	25.78	38.38	28.95	23.90
1996 [1]	45.50	56.95	32.55	40.35	27.60	26.55	39.10	23.25

[1] Preliminary.

ERS, Specialty Crops Branch, (202) 694–5253. Compiled from the Bean Market Summary, Agricultural Marketing Service, U.S. Department of Agriculture, Greeley, Colorado.

Table 6-15.—Beans, dry edible: United States exports to specified countries, 1994/95–1996/97 [1 2]

Continent and country	1994/95	1995/96	1996/97
	Metric tons	*Metric tons*	*Metric tons*
North America, Central America & Caribbean:			
Canada	5,978	7,388	11,407
Dominican Republic	3,650	4,283	3,910
French West Indies	1,661	1,425	2,217
Mexico	29,656	74,346	89,163
Panama	603	606	1,227
Trinidad and Tobago	993	541	590
Regional [1] total	68,545	108,078	108,514
South America:			
Brazil	5,653	1,987	141
Colombia	3,102	867	3,153
Venezuela	9,196	2,018	3,183
Regional [1] total	20,383	5,869	6,477
Europe:			
Belgium and Luxembourg	6,397	4,551	1,123
France	15,559	15,867	9,563
Germany	3,527	1,558	1,573
Europe—Continued			
Italy	18,425	16,872	15,043
Netherlands	15,210	7,338	5,266
Spain	6,731	5,167	3,329
United Kingdom	69,280	70,037	84,110
Regional [1] total	147,967	127,219	120,007
Asia, Middle East, and Africa:			
Israel	1,748	1,146	499
Japan	23,714	19,472	19,368
Philippines	1,632	18,990	2,623
Algeria	23,420	9,956	2,436
Regional total	157,724	69,854	24,926
Oceania:			
Australia	3,678	3,770	4,777
Other countries	52,814	14,362	89,224
Grand total	418,794	329,152	353,925

[1] Marketing year beginning September. [2] Excluding seed bean exports.

FAS, Grain and Feed Division, (202) 720–6219.

Table 6-16.—Beans, dry edible: United States exports by class and quantity, 1987/88–1996/97

Year [1]	Navy or pea	Great northern	Other white	Pinto	Red kidney	Other [2]	Total
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Me tric tons*
1987/88	80,928	68,832	3,206	82,969	28,283	66,250	340,582
1988/89	39,662	30,381	3,268	46,878	21,616	198,587	340,392
1989/90	82,814	55,558	2,168	102,563	25,945	117,103	386,151
1990/91	123,449	56,984	5,694	191,706	19,702	138,949	536,484
1991/92	97,070	29,573	4,376	104,089	44,529	116,875	396,512
1992/93	81,612	15,128	6,974	47,056	35,128	104,460	290,358
1993/94	68,350	15,503	8,968	61,997	33,365	86,743	274,926
1994/95	95,426	36,484	20,745	145,642	38,168	82,329	418,794
1995/96	86,399	28,291	19,204	82,042	32,382	80,834	329,152
1996/97	95,335	40,774	551	74,980	35,337	106,948	353,925

[1] Marketing year beginning September. [2] Includes other colored, black, blackeye, and limas.

FAS, Grain and Feed Division, (202) 720–6219. Compiled from reports of the U.S. Department of Commerce.

Table 6-17.—Peas, dry field: United States exports to specified countries, 1994/95–1996/97 [1 2 3]

Continent and country	1994/95	1995/96	1996/97
	Metric tons	*Metric tons*	*Metric tons*
North America/Central America & Caribbean:			
Canada	2,453	3,379	2,690
Mexico	2,934	4,891	2,389
Panama	248	4	33
Trinidad and Tobago	835	158	77
Total	29,670	14,518	5,189
South America:			
Brazil	2,467	4,328	2,781
Colombia	3,196	2,979	910
Peru	11,611	15,793	11,604
Venezuela	784	1,053	1,100
Total	18,948	25,320	16,395
Europe:			
Belgium and Luxembourg	150	41	0
Iceland	173	175	14
Europe—Continued			
Italy	1,060	736	223
Netherlands	131	24	182
Norway	328	285	195
Switzerland	8	60	141
United Kingdom	405	682	317
Spain	1,733	1,585	750
Total	6,333	4,529	1,822
Asia and Middle East:			
Hong Kong	360	758	245
Israel	342	20	0
Japan	2,944	2,960	3,226
Philippines	8,312	9,991	6,519
India	3,554	5,901	3,016
Total	21,719	27,077	13,006
Other countries	16,983	46,957	28,064
Grand total	93,653	118,401	64,476

[1] Marketing year beginning September. [2] Excluding seed pea exports. [3] Regional totals include countries not listed.
FAS, Grain and Feed Division, (202) 720–6219.

Table 6-18.—Hops: Marketing year average price and value of production, by States, crop of 1995, 1996, and 1997

State	Marketing year average price per pound			Value of production		
	1995	1996	1997 [1]	1995	1996	1997 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
ID	1.61	1.49	1.49	9,610	8,338	8,171
OR	1.90	1.81	1.63	26,187	21,239	22,122
WA	1.68	1.63	1.57	99,290	93,953	87,631
Total	1.71	1.65	1.58	135,087	123,530	117,924

[1] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 6-19.—Hops: Area, yield, and production, by States, 1995–97

State	Area harvested			Yield per acre			Production		
	1995	1996	1997 [1]	1995	1996	1997 [1]	1995	1996	1997 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
ID	3,927	3,997	3,870	1,520	1,400	1,417	5,969.0	5,596.0	5,484.1
OR	8,641	8,486	8,352	1,595	1,383	1,625	13,782.4	11,734.5	13,572.0
WA	30,621	31,678	31,080	1,930	1,820	1,796	59,101.0	57,640.0	55,816.0
US	43,189	44,161	43,302	1,826	1,698	1,729	78,852.4	74,970.5	74,872.1

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-20.—Hops: Area, yield, production, value, and Sept. 1 stocks, United States, 1988–97

Year	Area harvested	Yield per acre	Production	Marketing year average price per pound received by farmers	Value of production	Stocks Sept. 1
	1,000 acres	*Pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*	*1,000 pounds*
1988	33.4	1,638	54,696	140.0	76,415	60,000
1989	34.5	1,717	59,326	138.0	81,582	51,700
1990	35.5	1,603	56,855	148.0	84,178	51,890
1991	39.6	1,748	69,155	168.0	115,997	54,200
1992	42.3	1,759	74,337	174.0	129,328	56,250
1993	43.1	1,767	76,144	176.0	133,965	58,060
1994	42.4	1,758	74,560	181.0	134,701	63,000
1995	43.2	1,826	78,852	171.0	135,087	55,900
1996	44.2	1,698	74,971	165.0	123,530	58,700
1997 [1]	43.3	1,729	74,872	158.0	117,924	62,000

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-21.—Hops: United States exports by country of destination and imports by country of origin, 1994/95–1996/97

Item and country	Year beginning September		
	1994/95	1995/96	1996/97
EXPORTS	*Metric tons*	*Metric tons*	*Metric tons*
Europe:			
Belgium/Luxembourg	344	313	319
France	.....	80	386
Germany	2,151	2,264	1,206
Ireland	142	164	213
Italy	.....	.....	12
Netherland	.....	276	301
United Kingdom	1,074	1,098	849
Spain	.....	.....	107
Other countries	432	173	.....
Total	4,143	4,368	3,393
Latin America:			
Argentina	115	99	237
Bolivia	.....	43	49
Brazil	3,456	2,493	2,521
Chile	45	44	37
Colombia	945	401	403
Ecuador	.....	87	3
El Salvador	.....	.....	16
Guatemala	20	43	20
Mexico	985	944	682
Paraguay	.....	.....	106
Peru	171	118	106
Uruguay	20	.....	16
Venezuela	37	106	77
Other countries	493	113	.....
Total	6,287	4,491	4,273
Other countries:			
Canada	1,462	1,453	1,649
Japan	641	483	544
Russia	.....	117	153
Bulgaria	.....	98	15
Thailand	.....	135	45
Phillipines	.....	173	166
Korea	.....	188	131
Hong Kong	.....	220	219
Australia	.....	75	93
Nigeria	1	.....	20
South Africa	14	.....	0
Dominican Rep.	.....	.....	107
Taiwan	.....	.....	163
Total	1,957	2,942	3,305
Other countries	1,301	389	353
Grand total	13,849	12,190	11,324
IMPORTS			
Argentina	.....	.....	46
Australia	129	149	155
Canada	243	107	83
Czech Republic	851	132	185
France	534	610	624
Germany	3,458	4,239	4,106
Poland	109	107	44
Slovenia	.....	32	.....
United Kingdom	209	274	272
Yugoslavia	8	.....	.....
China	19	19	0
New Zealand	.....	227	254
Other countries	198	2	23
Total	5,758	5,898	5,792

FAS, Horticultural and Tropical Products Division, (202) 720–3423.

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 7-1.—All cattle and calves: Number and value, United States, Jan. 1, 1989–98

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	Thousands	*Dollars*	*1,000 dollars*		*Thousands*	*Dollars*	*1,000 dollars*
1989	96,740	581	56,210,694	1994	100,988	659	66,490,025
1990	95,816	616	58,990,357	1995	102,755	615	63,156,538
1991	96,393	655	63,090,155	1996	103,487	503	52,009,590
1992	97,556	630	61,451,310	1997	101,460	525	53,242,172
1993	99,176	649	64,436,369	1998 [1]	99,501	602	59,933,705

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-2.—All cattle and calves: Number, by classes, United States, Jan. 1, 1989–98

Year	All cattle and calves [1]	Cows and heifers that have calved		500 pounds and over					Calves under 500 pounds
				Heifers			Steers	Bulls	
		Beef cows	Milk cows	Beef cow replacements	Milk cow replacements	Other			
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1989	96,740	32,488	10,138	5,325	4,117	7,631	15,431	2,150	19,461
1990	95,816	32,455	10,015	5,283	4,171	7,803	15,512	2,160	18,418
1991	96,393	32,520	9,966	5,443	4,093	8,102	15,967	2,196	18,107
1992	97,556	33,007	9,728	5,643	4,131	8,048	16,424	2,239	18,336
1993	99,176	33,365	9,658	6,092	4,176	8,550	16,940	2,278	18,118
1994	100,988	34,650	9,528	6,365	4,144	9,068	17,042	2,307	17,884
1995	102,755	35,156	9,487	6,475	4,141	9,275	17,463	2,390	18,369
1996	103,487	35,228	9,416	6,179	4,104	9,949	17,732	2,392	18,488
1997	101,460	34,271	9,309	6,056	4,057	10,199	17,320	2,339	17,909
1998 [2]	99,501	33,683	9,191	5,745	3,982	10,018	17,197	2,266	17,418

[1] Totals may not add due to rounding. [2] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-3.—All cattle and calves: Number and value, by States, Jan. 1, 1997–98

State	Number		Value			
			Value per head		Total value	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	Thousands	*Thousands*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,600	1,530	360	450	576,000	688,500
AK	11.7	12.5	660	730	7,722	9,125
AZ	790	800	580	660	458,200	528,000
AR	1,900	1,800	370	500	703,000	900,000
CA	4,600	4,600	690	740	3,174,000	3,404,000
CO	3,150	3,100	570	640	1,795,500	1,984,000
CT	71	68	760	730	53,960	49,640
DE	27	29	740	700	19,980	20,300
FL	1,950	1,870	430	510	838,500	953,700
GA	1,490	1,450	410	500	610,900	725,000
HI	166	164	410	480	68,060	78,720
ID	1,750	1,770	620	710	1,085,000	1,256,700
IL	1,700	1,690	570	610	969,000	1,030,900
IN	1,120	1,060	560	600	627,200	636,000
IA	3,900	3,750	570	610	2,223,000	2,287,500
KS	6,600	6,550	500	550	3,300,000	3,602,500
KY	2,550	2,400	400	500	1,020,000	1,200,000
LA	1,000	1,010	410	490	410,000	494,900
ME	116	107	670	640	77,720	68,480
MD	270	265	690	650	186,300	172,250
MA	62	60	760	730	47,120	43,800
MI	1,130	1,100	670	680	757,100	748,000
MN	2,800	2,600	610	630	1,708,000	1,638,000
MS	1,340	1,300	360	450	482,400	585,000
MO	4,500	4,300	430	560	1,935,000	2,408,000
MT	2,700	2,600	600	740	1,620,000	1,924,000
NE	6,550	6,650	560	630	3,668,000	4,189,500
NV	520	510	520	590	270,400	300,900
NH	41	37	760	730	31,160	27,010
NJ	68	67	790	770	53,720	51,590
NM	1,490	1,430	550	660	819,500	943,800
NY	1,540	1,530	750	730	1,155,000	1,116,900
NC	1,190	1,090	400	490	476,000	534,100
ND	1,900	1,750	600	720	1,140,000	1,260,000
OH	1,470	1,440	600	650	882,000	936,000
OK	5,450	5,450	440	560	2,398,000	3,052,000
OR	1,450	1,410	520	630	754,000	888,300
PA	1,770	1,750	730	700	1,292,100	1,225,000
RI	7.0	6.5	690	660	4,830	4,290
SC	520	510	410	500	213,200	255,000
SD	3,800	3,550	590	690	2,242,000	2,449,500
TN	2,400	2,330	370	480	888,000	1,118,400
TX	14,100	14,300	440	540	6,204,000	7,722,000
UT	930	870	530	600	492,900	522,000
VT	300	305	790	760	237,000	231,800
VA	1,830	1,760	440	520	805,200	915,200
WA	1,200	1,220	630	700	756,000	854,000
WV	450	420	410	490	184,500	205,800
WI	3,700	3,600	710	720	2,627,000	2,592,000
WY	1,490	1,530	600	720	894,000	1,101,600
US	101,459.7	99,501.0	525	602	53,242,172	59,933,705

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-4.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1997 and 1998

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	829	822	31	28	138	127	11	10	46	38
AK	3.7	4.1	0.9	0.9	1.1	1.0	0.3	0.3	0.1	0.1
AZ	200	215	120	125	35	38	20	26	30	26
AR	954	915	56	55	190	170	20	20	50	50
CA	820	810	1,300	1,350	155	145	610	610	155	145
CO	826	816	84	84	155	150	45	45	710	705
CT	7	5	29	31	2	2	13	13	0	1
DE	3	3	10	11	1.0	1.0	2.4	2.6	1.0	1.0
FL	1,052	1,010	158	160	155	145	40	40	25	25
GA	692	674	98	96	118	110	37	37	42	40
HI	81	80	10	9	16	15	5	4	6	11
ID	492	490	268	280	95	95	115	125	185	190
IL	460	475	150	145	65	60	70	75	250	235
IN	310	300	140	140	48	48	67	67	90	76
IA	1,032	960	248	240	160	150	100	95	640	660
KS	1,489	1,461	81	79	220	230	45	40	1,470	1,490
KY	1,160	1,140	150	140	190	150	55	50	112	95
LA	547	549	78	76	93	86	19	18	16	18
ME	17	16	39	39	5	5	22	19	2	1
MD	53	53	85	86	15	14	34	31	12	12
MA	8	8	26	25	2	3	9	10	0	0
MI	125	117	310	298	33	30	145	135	42	45
MN	405	400	595	570	90	85	330	295	230	210
MS	682	666	48	44	130	125	19	19	32	31
MO	2,075	1,990	175	160	325	290	75	75	270	250
MT	1,570	1,542	20	18	350	350	7	8	205	210
NE	1,932	1,930	68	70	280	290	25	30	1,480	1,500
NV	244	239	26	26	47	47	10	10	37	35
NH	3	2	18	18	2.0	1.0	7.0	7.0	0.0	0.0
NJ	14	14	21	19	3	4	8	8	2	3
NM	533	512	197	208	110	100	45	45	105	105
NY	75	70	700	700	30	30	330	340	50	45
NC	512	475	78	75	113	95	34	30	27	27
ND	940	872	60	48	160	160	20	20	225	195
OH	325	330	285	270	65	70	130	125	85	85
OK	1,965	1,965	95	95	360	360	40	40	520	540
OR	607	612	93	88	125	125	45	45	120	110
PA	167	172	643	638	44	44	285	280	46	46
RI	1.5	1.3	2.0	2.0	0.5	0.4	0.9	1.0	0.1	0.1
SC	249	245	26	25	47	46	10	9	16	15
SD	1,660	1,559	110	101	260	250	30	25	510	475
TN	1,085	1,085	115	105	200	200	55	55	85	75
TX	5,460	5,520	390	380	880	780	100	100	1,720	1,620
UT	355	340	90	90	70	64	45	50	73	76
VT	12	13	156	159	5	4	56	61	2	4
VA	740	720	125	120	130	120	60	55	85	75
WA	294	290	266	260	64	58	96	88	97	132
WV	211	192	19	18	38	37	8	7	34	31
WI	200	200	1,410	1,380	60	55	700	680	100	95
WY	794	804	6	6	175	180	1	1	159	164
US	34,271.2	33,683.4	9,308.9	9,190.9	6,055.6	5,745.4	4,056.6	3,981.9	10,199.2	10,018.2

See footnote at end of table.

Table 7-4.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1997 and 1998—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Calves under 500 pounds	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	80	65	55	50	410	390
AK	1.0	1.0	2.7	2.9	1.9	2.2
AZ	240	240	20	20	125	110
AR	100	90	60	55	470	445
CA	560	550	70	70	930	920
CO	1,030	1,020	50	50	250	230
CT	2	2	1	1	17	13
DE	4.2	4.4	0.4	0.5	5.0	5.5
FL	40	40	70	65	410	385
GA	48	48	45	45	410	400
HI	8	10	5	5	35	30
ID	350	350	40	35	205	205
IL	350	340	35	35	320	325
IN	165	156	25	23	275	250
IA	960	960	70	65	690	620
KS	2,350	2,350	85	80	860	820
KY	205	190	78	75	600	560
LA	26	23	34	36	187	204
ME	5	4	2	2	24	21
MD	20	14	5	5	46	50
MA	3	2	1	2	13	10
MI	215	220	20	20	240	235
MN	520	475	40	35	590	530
MS	70	67	49	48	310	300
MO	480	475	120	120	980	940
MT	300	260	98	97	150	115
NE	2,100	2,200	95	95	570	535
NV	54	52	14	14	88	87
NH	2.0	1.5	1.0	0.5	8.0	7.0
NJ	6	4	2	2	12	13
NM	210	190	45	40	245	230
NY	35	35	20	20	300	290
NC	65	60	41	38	320	290
ND	275	270	60	50	160	135
OH	240	220	30	30	310	310
OK	1,180	1,170	130	130	1,160	1,150
OR	190	170	40	40	230	220
PA	197	192	28	28	360	350
RI	0.5	0.4	0.3	0.2	1.2	1.1
SC	25	25	22	21	125	124
SD	690	640	80	70	460	430
TN	130	110	70	70	660	630
TX	2,650	2,780	380	380	2,520	2,740
UT	138	115	24	21	135	114
VT	5	4	4	4	60	56
VA	210	205	45	45	435	420
WA	185	205	27	27	171	160
WV	45	52	15	13	80	70
WI	355	355	35	35	840	800
WY	200	185	50	50	105	140
US	17,319.7	17,197.3	2,339.4	2,266.1	17,909.1	17,417.8

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-5.—Cattle and buffalo: Number in specified countries, 1995–97 [1]

Country	1995	1996	1997 [2]
	Thousands	*Thousands*	*Thousands*
Argentina	54,207	53,569	51,696
Australia	25,736	26,500	26,300
Austria	2,328	2,325	2,272
Belgium-Luxembourg	3,365	3,159	3,077
Brazil	149,315	149,228	146,110
Bulgaria	638	632	567
Canada	12,709	13,402	13,341
China, Peoples Republic of	123,317	132,058	140,010
Colombia	16,725	16,768	16,856
Costa Rica	1,645	1,585	1,529
Czech Republic	2,031	1,980	1,903
Denmark	2,082	2,094	2,052
Dominican Republic	1,984	1,985	1,986
Egypt	5,873	6,101	6,351
El Salvador	1,319	1,299	1,275
France	20,524	20,662	20,563
Germany	15,962	15,890	15,770
Greece	624	640	655
Guatemala	1,717	1,697	1,667
Honduras	2,205	2,182	2,125
India	274,155	276,105	277,045
Ireland	6,410	6,532	6,757
Italy	7,300	7,400	7,390
Japan	4,916	4,828	4,749
Kazakhstan, Republic of	8,073	6,868	5,838
Korea, Republic of	2,945	3,147	3,395
Mexico	30,191	28,141	26,900
Netherlands	4,588	4,557	4,366
New Zealand	8,712	9,272	8,996
Nicaragua	1,600	1,650	1,712
Philippines	4,570	4,650	4,949
Poland	7,120	7,193	6,958
Portugal	1,329	1,316	1,311
Romania	3,565	3,496	3,435
Russian Federation	43,296	39,700	36,400
South Africa, Republic of	12,632	13,334	14,101
Spain	5,252	5,512	5,627
Sweden	1,777	1,781	1,790
Switzerland	1,762	1,749	1,718
Taiwan	164	165	165
Turkey	11,700	11,700	11,700
Ukraine	19,624	17,526	15,295
United Kingdom	11,868	11,619	11,312
United States	102,755	103,487	101,209
Uruguay	10,512	10,451	10,678
Venezuela	12,336	12,500	12,646
Total	1,043,458	1,048,435	1,042,547

[1] Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible. [2] Preliminary.

FAS, Dairy Livestock and Poultry Division, (202) 720–1350. 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 7-6.—Cows and calf crop: Cows and heifers that have calved, Jan. 1, 1997-98, and calves born, by States, 1996 and 1997

State	Cows and heifers that have calved		Calves born	
	Jan. 1		1996	1997 [1]
	1997	1998 [1]		
	Thousands	*Thousands*	*Thousands*	*Thousands*
AL	860	850	790	760
AK	4.6	5.0	3.3	3.7
AZ	320	340	275	275
AR	1,010	970	870	830
CA	2,120	2,160	1,750	1,750
CO	910	900	870	860
CT	36	36	33	33
DE	13	14	8.5	9.0
FL	1,210	1,170	1,020	980
GA	790	770	680	660
HI	91	89	65	67
ID	760	770	720	730
IL	610	620	550	560
IN	450	440	400	390
IA	1,280	1,200	1,200	1,110
KS	1,570	1,540	1,450	1,420
KY	1,310	1,280	1,230	1,180
LA	625	625	475	480
ME	56	55	51	49
MD	138	139	113	115
MA	34	33	30	27
MI	435	415	400	385
MN	1,000	970	1,000	950
MS	730	710	640	620
MO	2,250	2,150	2,100	2,000
MT	1,590	1,560	1,540	1,510
NE	2,000	2,000	1,820	1,820
NV	270	265	220	220
NH	21	20	18	18
NJ	35	33	28	26
NM	730	720	570	560
NY	775	770	670	670
NC	590	550	520	500
ND	1,000	920	960	930
OH	610	600	550	530
OK	2,060	2,060	1,950	1,930
OR	700	700	630	640
PA	810	810	730	730
RI	3.5	3.3	3.5	3.4
SC	275	270	220	215
SD	1,770	1,660	1,740	1,660
TN	1,200	1,190	1,140	1,110
TX	5,850	5,900	5,350	5,100
UT	445	430	395	370
VT	168	172	158	162
VA	865	840	790	780
WA	560	550	510	500
WV	230	210	210	190
WI	1,610	1,580	1,560	1,490
WY	800	810	770	810
US	43,580.1	42,874.3	39,776.3	38,718.1

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-7.—Cattle and calves: Number on feed, United States, Jan. 1, 1989–98 [1]

Year	Number	Year	Number
	Thousands		*Thousands*
1989	11,440	1994	13,034
1990	11,626	1995	12,431
1991	12,715	1996	12,968
1992	11,942	1997	13,216
1993	12,789	1998 [2]	13,618

[1] 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 select or better. [2] Preliminary.

NASS, Livestock and Economic Branch, (202) 720–6146.

Table 7-8.—Cattle and calves: Total number on feed by States, 1996-98 [1]

State	1996	1997	1998
	1,000 Head	*1,000 Head*	*1,000 Head*
AL	5	5	4
AZ	222	233	245
AR	18	19	10
CA	350	375	400
CO	1,070	1,130	1,140
GA	10	5	5
ID	270	270	295
IL	290	265	240
IN	200	220	170
IA	900	1,000	1,000
KS	2,210	2,220	2,370
KY	25	20	20
LA	3	3	1
MD	17	11	15
MI	200	200	200
MN	335	300	275
MS	4	4	3
MO	100	95	110
MT	105	85	80
NE	2,030	2,220	2,300
NV	22	25	24
NJ	4	6	4
NM	136	137	123
NY	30	30	30
NC	10	10	10
ND	75	100	70
OH	235	200	165
OK	415	400	435
OR	80	80	60
PA	75	75	75
SC	8	6	7
SD	330	320	320
TN	20	20	20
TX	2,630	2,630	2,860
UT	60	50	40
VA	35	30	30
WA	166	163	200
WV	9	8	10
WI	150	150	155
WY	95	80	85
Other States[2]	19	16	12
US	12,968	13,216	13,618

[1] 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 Select or better. [2] AK, CT, DE, FL, HI, ME, MA, NH, RI, and VT.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-9.—Cattle: Average price per 100 pounds, by grades, at Omaha and South St. Paul, 1988–97

Year	Steers [1]		Heifers [2]		Omaha		South St. Paul	
	Choice	Select	Choice	Select	Cows [3]		Commercial	Cows [3]
					Commercial	Utility		Utility Boning
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1988	69.58	67.06	68.16	65.35	45.80	47.94	.....	48.47
1989	72.52	70.28	71.93	69.52	47.28	49.70	.....	51.31
1990	77.40	75.24	76.82	73.94	53.37	55.08	.....	54.86
1991	74.03	72.46	73.86	71.44	NA	NA	.....	52.54
1992	75.17	73.65	74.95	72.88	NA	NA	.....	50.01
1993	76.23	74.09	76.01	73.77	NA	NA	.....	50.62
1994	67.60	66.33	67.93	66.14	NA	NA	.....	45.95
1995	65.64	63.94	65.46	63.69	.....	.....	40.24	39.23
1996	74.50	61.83	64.18	61.22	.....	.....	37.69	35.22
1997	65.92	63.85	65.66	63.36	.....	.....	42.7	38.62

[1] 1,100 to 1,300 pound weight range; simple average of price range. [2] 1,000 to 1,200 pound weight range; simple average of price range. [3] All weights; simple average of price range. NA-not available.

AMS, Livestock and Grain Market News, (202) 720–7316.

Table 7-10.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1987–96

Year	Calf crop [1]	Death loss		Marketings [2]		Cattle shipped in for feeding and breeding [3]	Farm slaughter
		Cattle	Calves	Cattle	Calves		Cattle and calves
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
1987	40,152	1,700	3,100	49,518	10,223	22,222	330
1988	39,318	1,609	2,964	49,308	10,451	22,413	281
1989	38,817	1,505	2,856	46,642	10,176	21,679	241
1990	38,613	1,529	2,798	46,766	9,978	23,278	244
1991	38,583	1,540	2,707	45,921	9,545	22,533	242
1992	38,933	1,677	2,689	45,632	9,565	22,492	242
1993	39,448	1,703	2,927	46,022	9,679	22,920	226
1994	40,059	1,580	2,674	46,588	9,496	22,272	226
1995 [4]	40,211	1,636	2,746	48,432	9,589	23,149	226
1996 [4]	39,586	1,760	2,823	48,870	10,090	21,899	222

Year	Quantity produced (live weight) [5]	Value of production	Cash receipts from sales of cattle, calves, beef and veal [6]	Value of cattle and calves slaughtered for home consumption	Gross income [7]	Average price per 100 pounds received by farmers	
						Cattle	Calves
	1,000 pounds	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Dollars*	*Dollars*
1987	40,502,303	24,765,784	33,583,325	473,706	34,057,031	61.10	78.50
1988	39,713,866	26,636,919	36,854,804	481,719	37,336,523	66.60	89.20
1989	38,850,457	27,071,466	36,429,167	447,421	36,876,588	69.50	90.80
1990	39,201,973	29,348,237	39,191,819	449,741	39,641,560	74.60	95.60
1991	39,763,734	29,399,329	38,696,618	421,335	39,117,953	72.70	98.00
1992	40,252,994	28,632,524	37,272,292	408,169	37,680,461	71.30	89.00
1993	40,875,341	30,329,553	39,361,709	387,812	39,749,521	72.60	91.20
1994	42,095,787	26,861,431	36,394,806	349,588	36,744,394	66.70	87.20
1995	42,713,767	24,830,132	34,004,481	305,223	34,309,704	61.80	73.10
1996 [4]	41,304,921	22,259,418	31,138,043	273,376	31,411,419	58.70	58.40

[1] Calves born during the year. [2] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [3] Includes cattle shipped in from other States and from central markets, but excludes cattle for immediate slaughter. [4] Preliminary. [5] Adjustments made for changes in inventory and for inshipments. [6] Receipts from marketings and sale of farm slaughter. [7] Cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-11.—Cattle: Weighted average weight and price per 100 pounds, Texas-Oklahoma, Kansas, Colorado, Nebraska, Iowa-So. Minnesota Feedlots, 1992–97 [1]

Year	Steers SE/CH 65-80%			Steers SE/CH 35-65%		
	Price	Average Weight	Number of Head	Price	Average Weight	Number of Head
	Dollars	*Pounds*		*Dollars*	*Pounds*	
1992	75.24	1,214	907,791	75.49	1,170	3,194,147
1993	75.94	1,219	647,665	76.91	1,167	3,527,262
1994	68.56	1,256	595,950	69.56	1,200	3,428,943
1995	66.47	1,249	560,746	66.29	1,188	3,877,665
1996	64.76	1,249	473,484	64.82	1,200	3,711,625
1997	66.07	1,258	468,729	66.03	1,192	3,621,244

Year	Heifers SE/CH 65-80%			Heifers SE/CH 35-65%		
	Price	Average Weight	Number of Head	Price	Average Weight	Number of Head
	Dollars	*Pounds*		*Dollars*	*Pounds*	
1992	75.18	1,105	663,550	.....	.....	.....
1993	75.48	1,111	480,541	.....	.....	.....
1994	68.95	1,140	427,944	.....	.....	.....
1995	65.91	1,133	439,383	.....	.....	.....
1996	64.85	1,135	407,843	.....	.....	.....
1997	66.49	1,132	405,819	65.92	1,084	2,674,322

[1] Sales FOB feedlots and delivered. Estimated net weights after 3-4 % shrink.
AMS, Livestock and Grain Market News, (202) 720–7316.

Table 7-12.—Cattle and calves: Receipts at selected public stockyards, 1988–97 [1]

Year	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting [2 3]
	Cattle							
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1988	97	230	107	108	336	150	4,886	5,914
1989	80	191	85	93	283	147	4,743	5,622
1990	55	152	72	92	256	120	4,523	5,270
1991	.....	133	62	103	236	124	4,350	5,008
1992	.....	102	60	121	235	112	4,541	5,171
1993	.....	87	54	120	212	12	4,409	4,894
1994	.....	79	.....	127	188	10	4,169	4,573
1995	.....	71	.....	121	179	68	4,068	4,860
1996	.....	60	.....	118	173	51	4,236	4,949
1997	.....	54	.....	121	180	48	4,549	4,953
	Calves							
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1988	.....	.....	.....	.....	14	.....	42	56
1989	.....	.....	.....	.....	12	.....	52	53
1990	.....	.....	.....	.....	9	.....	15	24
1991	.....	.....	.....	.....	7	.....	16	23
1992	.....	.....	.....	.....	6	.....	15	21
1993	.....	.....	.....	.....	48	.....	15	63
1994	.....	.....	.....	.....	36	.....	12	48
1995	.....	.....	.....	.....	4	.....	89	92
1996	.....	.....	.....	.....	4	.....	90	93
1997	.....	.....	.....	.....	3	.....	92	96

[1] Total rail and truck receipts unloaded at public stockyards. Saleable receipts 1978 on. [2] Rounded totals of the complete figures. [3] The number of stockyards varies from 23 to 46.

AMS, livestock & grain market news, (202) 720–7316. Compiled from reports received from stockyard companies.

Table 7-13.—Cattle and calves: Number slaughtered, United States, 1987–96

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total [1]			Federally inspected	Other	Total [1]		
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1987	34,468	1,179	35,647	243	35,890	2,680	135	2,815	87	2,902
1988	34,048	1,031	35,079	245	35,324	2,411	95	2,506	50	2,565
1989	33,010	907	33,917	189	34,106	2,100	73	2,172	51	2,223
1990	32,391	852	33,242	197	33,439	1,742	48	1,790	48	1,838
1991	31,887	803	32,690	195	32,885	1,398	38	1,436	47	1,483
1992	32,094	780	32,874	195	33,069	1,334	37	1,371	49	1,420
1993	32,593	731	33,324	180	33,504	1,159	35	1,195	47	1,242
1994	33,482	714	34,196	180	34,376	1,237	31	1,268	47	1,315
1995	34,879	760	35,639	178	35,817	1,393	38	1,430	47	1,477
1996	35,721	862	36,583	177	36,760	1,714	55	1,768	47	1,815

[1] Totals are based on unrounded numbers.
NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-14.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1996 [1] [2]

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	Thousands	*1,000 pounds*	*Pounds*	*Thousands*	*1,000 pounds*	*Pounds*
AL	225.0	229,594	1,021	.4	137	307
AZ	494.4	542,510	1,097	...	...	...
AR	35.4	31,432	888	1.6	584	372
CA	1,017.4	1,246,328	1,225	269.4	93,818	348
CO	2,571.1	3,106,488	1,208	...	18	367
DE-MD	38.2	45,764	1,198	12.6	5,352	425
FL	...	...	...	...	...	...
GA	...	...	...	.7	268	376
HI	17.3	17,078	990	...	...	...
ID	747.1	903,051	1,209	...	...	...
IL	1,050.4	1,226,452	1,168	126.1	50,929	404
IN	59.6	60,442	1,013	...	...	...
IA	1,292.6	1,529,377	1,183	...	...	...
KS	6,987.9	8,171,816	1,169	...	...	...
KY	65.7	64,566	983	...	...	...
LA	31.7	24,612	778	34.6	15,901	460
MI	528.6	661,470	1,251	81.0	17,603	217
MN	1,154.8	1,430,203	1,238	.5	133	277
MS	...	...	...	...	...	...
MO	183.7	199,060	1,083	2.3	819	358
MT	20.7	24,138	1,165	...	...	...
NE	7,293.4	8,733,265	1,197	...	...	...
NV	1.5	1,601	1,038	...	...	...
N ENG [3]	35.4	38,288	1,081	76.1	17,602	231
NJ	24.2	27,899	1,154	...	...	...
NM	32.1	30,550	951	...	...	...
NY	84.3	91,161	1,082	270.8	86,036	318
NC	201.7	206,295	1,023	...	...	...
ND	...	...	...	...	...	...
OH	161.3	180,996	1,122	47.6	20,829	437
OK	51.0	48,065	943	1.8	777	441
OR	18.2	23,653	1,300	...	...	...
PA	1,023.5	1,300,989	1,271	201.3	78,506	390
SC	...	...	...	...	...	...
SD	267.5	331,793	1,240	...	...	...
TN	...	...	...	...	...	...
TX	6,799.6	7,443,131	1,095	46.5	18,093	389
UT	...	...	...	...	...	...
VA	30.5	28,550	936	1.4	442	314
WA	988.5	1,216,685	1,231	...	...	...
WV	20.4	17,420	853	...	...	...
WI	1,594.9	1,908,459	1,197	186.4	74,652	401
WY	7.0	7,819	1,124	...	...	...
US	36,583.4	42,763,030	1,169	1,768.2	605,830	343

[1] 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. [2] States with no data printed are included in the U.S. total but data are not printed to avoid disclosing individual operations. [3] CT, ME, MA, NH, RI, and VT.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-15.—Cattle and calves: Number slaughtered under Federal inspection, and average live weight, 1987–96

Year	Cattle		Calves	
	Number slaughtered	Average live weight	Number slaughtered	Average live weight
	Thousands	*Pounds*	*Thousands*	*Pounds*
1987	34,468	1,109	2,680	239
1988	34,048	1,124	2,411	251
1989	33,010	1,138	2,100	259
1990	32,391	1,140	1,742	280
1991	31,887	1,167	1,398	345
1992	32,094	1,172	1,334	376
1993	32,593	1,164	1,159	387
1994	33,482	1,193	1,237	383
1995	34,879	1,187	1,393	371
1996	35,721	1,173	1,714	340

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-16.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1996 (preliminary)

State	Marketings [1]		Cattle shipped in for feeding and breeding	Farm slaughter of cattle and calves [2]	Quantity produced (live weight) [3]	Value of production	Cash receipts from sales of cattle, calves, beef, and veal [4]	Value of cattle and calves slaughtered for home consumption	Gross income [5]
	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*
AL	686.0	232.0	45.0	2.0	535,183	223,140	286,067	1,690	287,757
AK	1.1	.1	.7	1.1	2,055	1,209	798	666	1,464
AZ	585.0	119.0	442.0	3.0	439,478	247,134	384,228	2,492	386,720
AR	695.0	201.0	100.0	4.0	519,805	206,406	251,775	2,865	254,640
CA	2,096.0	282.0	820.0	17.0	1,912,573	786,260	1,144,563	6,856	1,151,419
CO	2,745.0	108.0	2,150.0	2.0	2,006,956	1,223,054	2,071,753	4,534	2,076,287
CT	19.0	15.0	6.0	1.0	19,945	9,517	11,295	995	12,290
DE	9.1	3.4	3.0	1.0	7,119	3,167	4,494	911	5,405
FL	240.0	783.0	55.0	2.0	432,344	194,275	217,008	1,259	218,267
GA	413.0	372.0	111.0	3.0	511,042	192,070	236,328	2,948	239,276
HI	24.0	34.0	.0	1.0	37,170	12,734	11,905	663	12,568
ID	933.0	126.0	406.0	2.0	888,440	447,007	573,575	4,960	578,535
IL	725.0	124.0	280.0	7.0	654,130	419,722	564,158	11,398	575,556
IN	314.0	116.0	96.0	4.0	318,470	165,599	183,202	8,976	192,178
IA	2,078.0	92.0	1,100.0	5.0	1,788,245	1,039,865	1,461,148	9,161	1,470,309
KS	5,501.0	2.0	4,297.0	6.0	3,605,475	2,084,346	3,994,745	10,510	4,005,255
KY	1,065.0	620.0	470.0	10.0	756,530	326,456	484,705	10,063	494,768
LA	172.0	289.0	2.0	2.0	256,936	108,000	111,596	989	112,585
ME	22.0	29.0	6.0	1.0	26,810	11,992	13,923	1,221	15,144
MD	73.0	48.0	5.0	3.0	89,130	37,945	44,473	3,469	47,942
MA	17.0	15.0	1.0	1.0	17,524	8,124	9,669	994	10,663
MI	365.0	60.0	75.0	5.0	402,049	200,431	232,109	7,991	240,100
MN	1,274.0	98.0	435.0	8.0	1,218,560	684,888	925,163	13,420	938,583
MS	321.0	299.0	17.0	2.0	319,650	124,161	137,940	3,048	140,988
MO	963.0	1,050.0	40.0	7.0	1,174,953	593,297	626,318	14,224	640,542
MT	1,435.0	205.0	155.0	5.0	1,082,410	587,387	655,770	7,042	662,812
NE	5,243.0	85.0	3,900.0	2.0	3,886,466	2,564,681	4,081,768	7,655	4,089,423
NV	128.0	99.0	47.0	2.0	154,715	77,924	81,017	1,150	82,167
NH	10.0	10.0	1.0	1.0	10,990	5,162	6,560	590	7,150
NJ	11.5	14.0	1.0	.5	17,837	7,165	7,251	475	7,726
NM	1,305.0	332.0	1,100.0	3.0	730,500	314,768	628,219	2,916	631,135
NY	170.0	391.0	23.0	2.0	309,109	100,075	102,096	2,615	104,711
NC	250.0	235.0	13.0	2.0	328,220	149,561	153,845	7,431	161,276
ND	536.0	456.0	90.0	3.0	533,112	267,669	305,457	3,619	309,076
OH	447.0	155.0	56.0	6.0	488,388	268,260	293,436	16,564	310,000
OK	2,710.0	385.0	1,300.0	10.0	1,882,559	1,003,504	1,446,470	10,806	1,457,276
OR	379.0	201.0	30.0	16.0	536,885	252,141	257,598	9,162	266,760
PA	463.0	280.0	95.0	10.0	539,455	288,562	338,674	13,995	352,669
RI	2.8	1.5	.3	.1	2,429	1,184	1,598	50	1,648
SC	165.0	37.0	10.0	3.0	181,600	74,839	74,588	2,949	77,537
SD	1,499.0	420.0	347.0	3.0	1,404,226	798,707	945,528	7,488	953,016
TN	879.0	420.0	71.0	2.0	629,961	258,746	355,971	2,719	358,690
TX	8,290.0	105.0	2,750.0	15.0	7,120,486	4,143,069	5,331,297	11,354	5,342,651
UT	349.0	96.0	120.0	4.0	381,600	211,039	244,193	5,148	249,341
VT	69.0	81.0	14.0	1.0	79,693	29,880	34,305	857	35,162
VA	506.0	159.0	8.0	5.0	545,528	234,052	211,294	6,943	218,237
WA	915.0	45.0	441.0	11.0	790,910	409,697	611,337	5,358	616,695
WV	139.0	90.0	26.0	4.0	112,336	37,411	48,459	2,424	50,883
WI	857.0	556.0	88.0	10.0	1,010,151	479,083	543,626	13,953	557,579
WY	775.0	114.0	250.0	1.0	604,783	344,053	394,748	3,810	398,558
US	48,869.5	10,090.0	21,899.0	221.7	41,304,921	22,259,418	31,138,043	273,376	31,411,419

[1] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [2] Excludes custom slaughter for farmers at commercial establishments. [3] Adjustments made for changes in inventory and for inshipments. [4] Includes receipts from marketings and sales of farm-slaughter. [5] Includes cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-17.—Cattle: Number slaughtered under Federal inspection and percentage distribution, by classes, 1987–96

Year	Number						Percentage of total					
	Steers	Heifers	Cows			Bulls and stags	Steers	Heifers	Cows			Bulls and stags
			Dairy cows	Other cows	Total cows				Dairy cows	Other cows	Total cows	
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
1987 ..	16,867	10,545	2,857	3,531	6,388	668	49.0	30.6	8.3	10.2	18.5	1.9
1988 ..	16,833	10,439	2,879	3,272	6,151	625	49.4	30.7	8.5	9.6	18.1	1.8
1989 ..	16,094	10,128	2,889	3,257	6,146	642	48.7	30.7	8.8	9.9	18.7	1.9
1990 ..	16,160	9,832	2,671	3,094	5,765	633	49.9	30.4	8.2	9.6	17.8	1.9
1991 ..	16,316	9,484	2,840	2,645	5,485	602	51.2	29.7	8.9	8.3	17.2	1.9
1992 ..	16,730	9,020	2,892	2,813	5,705	639	52.1	28.1	9.0	8.8	17.8	2.0
1993 ..	16,840	9,152	2,995	2,959	5,954	648	51.7	28.1	9.2	9.1	18.3	2.0
1994 ..	17,651	9,389	2,858	2,955	5,813	629	52.7	28.0	8.5	8.8	17.3	1.9
1995 ..	17,887	10,175	2,862	3,281	6,143	674	51.3	29.2	8.2	9.4	17.6	1.9
1996 ..	17,400	10,502	3,037	4,068	7,105	715	48.7	29.4	8.5	11.4	19.9	2.0

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-18.—Cattle and calves: Number of operations, 1996–97, and inventory, Jan 1, 1997–98, by States and United States [1]

State	Operations with cattle		January 1 cattle inventory	
	1996	1997	1997	1998
	Number		*1,000 head*	
AL	33,000	30,000	1,600	1,530
AK	110	110	11.7	12.5
AZ	4,000	3,900	790	800
AR	29,000	29,000	1,900	1,800
CA	24,000	24,000	4,600	4,600
CO	12,500	13,000	3,150	3,100
CT	1,100	1,100	71	68
DE	540	540	27	29
FL	21,000	22,000	1,950	1,870
GA	27,000	26,000	1,490	1,450
HI	800	800	166	164
ID	12,500	12,500	1,750	1,770
IL	27,000	26,000	1,700	1,690
IN	27,000	26,000	1,120	1,060
IA	44,000	43,000	3,900	3,750
KS	39,000	37,000	6,600	6,550
KY	54,000	52,000	2,550	2,400
LA	17,500	17,500	1,000	1,010
ME	2,400	2,400	116	107
MD	5,800	5,400	270	265
MA	1,500	1,400	62	60
MI	19,000	17,500	1,130	1,100
MN	36,000	36,000	2,800	2,600
MS	31,000	30,000	1,340	1,300
MO	73,000	69,000	4,500	4,300
MT	13,200	12,800	2,700	2,600
NE	28,000	28,000	6,550	6,650
NV	1,600	1,600	520	510
NH	950	950	41	37
NJ	2,000	2,000	68	67
NM	8,500	8,400	1,490	1,430
NY	18,000	17,000	1,540	1,530
NC	33,000	33,000	1,190	1,090
ND	14,000	13,700	1,900	1,750
OH	34,000	33,000	1,470	1,440
OK	64,000	64,000	5,450	5,450
OR	22,000	21,000	1,450	1,410
PA	33,000	32,000	1,770	1,750
RI	220	210	7.0	6.5
SC	12,000	12,000	520	510
SD	20,000	19,000	3,800	3,550
TN	61,000	59,000	2,400	2,330
TX	149,000	149,000	14,100	14,300
UT	7,800	7,800	930	870
VT	3,800	3,600	300	305
VA	32,000	34,000	1,830	1,760
WA	20,000	20,000	1,200	1,220
WV	17,000	16,000	450	420
WI	49,000	48,000	3,700	3,600
WY	5,700	5,700	1,490	1,530
US	1,192,520	1,167,910	101,459.7	99,501.0

[1] An operation is any place having one or more head of cattle on hand at any time during the year.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-19.—Cattle and calves: Average dressed weight under Federal inspection, 1987–96

Year	Cattle					Calves
	All cattle	Steers	Heifers	Cows	Bulls	
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1987	662	717	648	529	810	145
1988	673	728	657	538	835	153
1989	683	741	669	539	857	158
1990	686	741	672	539	845	177
1991	703	757	687	551	871	209
1992	705	760	691	548	856	223
1993	694	747	685	542	859	228
1994	717	776	707	536	854	227
1995	711	769	706	534	857	218
1996	702	766	705	524	842	211

NASS, Iowa Agricultural Statistics service (515) 284–4340.

Table 7-20.—Cattle and calves: Number of operations by size group, selected States, and United States, 1996–97 [1]

State	Operations having									
	1–49 head		50–99 head		100–499 head		500–999 head		1000+ head	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
AL	24,000	21,000	4,400	4,600	4,290	4,100	250	240	60	60
AZ	2,600	2,600	500	350	580	650	160	150	160	150
AR	17,000	17,000	7,000	7,000	4,700	4,700	250	250	50	50
CA	16,000	16,000	2,000	2,100	3,700	3,600	1,200	1,100	1,100	1,200
CO	5,500	5,900	1,800	1,900	4,100	4,200	700	600	400	400
FL	15,700	16,800	2,200	2,200	2,400	2,400	400	300	300	300
GA	19,000	18,000	4,100	4,700	3,700	3,000	160	250	40	50
ID	7,600	7,600	1,700	1,800	2,590	2,480	370	380	240	240
IL	17,200	16,900	5,200	4,800	4,400	4,100	150	150	50	50
IN	21,000	20,000	3,600	3,500	2,300	2,400	80	80	20	20
IA	21,000	21,000	10,500	9,550	11,500	11,500	650	600	350	350
KS	18,700	17,500	8,300	7,800	10,500	10,000	1,000	1,100	500	600
KY	37,000	36,000	9,900	9,500	6,800	6,200	250	250	50	50
LA	11,200	11,500	3,100	3,000	2,900	2,700	240	250	60	50
MD	4,100	3,800	700	750	970	820	20	20	10	10
MI	13,200	11,500	2,800	2,800	2,800	3,000	160	160	40	40
MN	16,100	16,100	10,300	10,200	9,200	9,300	300	300	100	100
MS	23,000	22,000	4,100	4,000	3,600	3,700	260	250	40	50
MO	45,000	41,000	15,200	15,300	12,300	12,200	410	410	90	90
MT	4,500	4,300	2,200	2,100	5,200	5,100	900	900	400	400
NE	9,900	9,800	6,000	5,900	9,800	10,000	1,400	1,350	900	950
NM	4,400	4,300	1,100	1,100	2,100	2,100	500	500	400	400
NY	9,400	8,600	3,800	3,600	4,600	4,500	150	230	50	70
NC	27,000	27,000	4,100	4,100	1,810	1,810	70	70	20	20
ND	3,400	3,200	3,400	3,400	6,600	6,500	520	520	80	80
OH	27,000	26,000	3,780	3,900	3,100	2,980	100	100	20	20
OK	39,000	40,000	11,800	11,300	11,900	11,400	850	850	450	450
OR	17,100	16,200	1,900	1,800	2,300	2,350	450	400	250	250
PA	21,000	20,000	7,000	7,000	4,900	4,900	80	80	20	20
SD	5,400	4,600	4,000	3,900	8,800	8,800	1,200	1,100	600	600
TN	46,000	45,000	9,000	8,200	5,800	5,600	160	170	40	30
TX	96,000	96,000	25,000	25,000	24,000	24,000	2,700	2,700	1,300	1,300
UT	4,300	4,200	1,100	1,000	2,000	2,200	280	260	120	140
VT	1,400	1,300	1,100	1,000	1,250	1,250	50	50	.....	.....
VA	22,000	24,000	5,200	5,200	4,500	4,500	250	250	50	50
WA	16,000	16,500	1,200	1,100	2,300	2,000	350	240	150	160
WI	21,000	20,800	12,800	12,200	14,800	14,570	340	360	60	70
WY	2,000	2,000	700	800	2,200	2,000	500	600	300	300
Oth Sts	32,000	31,000	4,000	3,900	3,600	3,600	440	430	180	180
US	743,700	727,000	206,580	202,350	214,890	211,210	18,300	18,000	9,050	9,350

[1] An operation is any place having one or more cattle on hand during the year. Missing data combined with other size groups.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-21.—Cattle and calves: Percent of inventory by size group, selected States, and United States, 1996–97 [1]

State	Inventory on operations having									
	1–49 head		50–99 head		100–499 head		500–999 head		1,000+ head	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
	Percent									
AL	27.0	24.0	16.0	18.0	43.0	44.0	9.2	9.3	4.8	4.7
AZ	2.5	3.0	5.5	2.5	10.0	17.0	12.0	9.5	70.0	68.0
AR	18.0	18.0	25.0	25.0	46.0	46.0	7.0	7.0	4.0	4.0
CA	3.3	3.2	2.7	2.8	19.0	18.0	19.0	17.0	56.0	59.0
CO	3.2	3.1	3.8	3.9	29.0	28.0	15.0	13.0	49.0	52.0
FL	12.0	13.0	7.0	8.0	23.0	25.0	13.0	10.0	45.0	44.0
GA	25.0	24.0	19.0	22.0	44.0	37.0	7.5	11.0	4.5	6.0
ID	6.0	6.0	7.0	7.5	33.0	31.0	14.0	15.0	40.0	40.5
IL	19.0	21.0	21.0	21.0	49.0	47.0	6.5	6.0	4.5	5.0
IN	32.0	32.0	23.0	23.0	36.0	38.0	5.0	4.5	4.0	2.5
IA	10.0	10.0	18.0	17.0	49.0	51.0	10.0	10.0	13.0	12.0
KS	6.3	5.4	9.7	8.6	33.0	31.0	11.0	12.0	40.0	43.0
KY	23.0	25.0	25.0	25.0	43.0	41.0	6.0	6.2	3.0	2.8
LA	19.0	21.0	18.0	18.0	43.0	41.0	12.0	13.0	8.0	7.0
MD	20.0	21.0	16.0	19.0	56.0	51.0	4.0	4.6	4.0	4.4
MI	19.0	15.0	16.0	18.0	49.0	51.0	9.0	9.0	7.0	7.0
MN	11.0	11.0	24.0	24.0	53.0	53.0	7.0	7.0	5.0	5.0
MS	23.0	23.0	18.0	19.0	41.0	40.0	13.0	13.0	5.0	5.0
MO	21.0	19.0	22.0	23.0	48.0	49.0	5.5	5.5	3.5	3.5
MT	3.0	3.0	6.0	5.5	41.0	41.0	21.0	21.5	29.0	29.0
NE	3.3	3.3	6.7	6.4	31.0	31.0	15.0	14.0	44.0	45.3
NM	4.0	4.0	4.0	4.0	22.0	23.0	17.0	16.0	53.0	53.0
NY	12.0	10.0	20.0	20.0	56.0	53.0	6.8	10.0	5.2	7.0
NC	38.0	38.0	23.0	24.0	31.0	30.0	4.7	4.7	3.3	3.3
ND	4.0	3.5	12.0	11.5	62.0	63.0	16.0	16.0	6.0	6.0
OH	32.0	35.0	19.0	20.0	42.0	39.0	4.5	4.0	2.5	2.0
OK	15.0	15.0	15.0	15.0	40.0	40.0	10.0	10.0	20.0	20.0
OR	13.0	11.0	8.0	9.0	33.0	35.0	18.0	17.0	28.0	28.0
PA	20.0	19.0	26.0	26.0	49.0	50.0	3.0	3.0	2.0	2.0
SD	3.6	3.3	7.4	7.7	49.0	50.0	20.0	19.0	20.0	20.0
TN	34.0	33.0	24.0	24.0	36.0	37.0	4.0	4.5	2.0	1.5
TX	12.0	12.0	12.0	12.0	33.0	32.0	12.0	12.0	31.0	32.0
UT	7.4	6.7	8.6	7.3	44.0	46.0	18.0	17.0	22.0	23.0
VT	9.0	8.0	21.0	18.0	60.0	64.0	10.0	10.0	.....	.....
VA	24.0	26.0	20.0	19.0	44.0	43.0	8.0	8.0	4.0	4.0
WA	11.0	12.0	6.0	6.0	36.0	35.0	17.0	14.0	30.0	33.0
WI	9.5	9.6	23.0	22.0	60.0	60.0	5.5	5.9	2.0	2.5
WY	2.0	1.5	3.0	3.5	32.0	27.0	22.0	25.0	41.0	43.0
Oth Sts	19.0	19.0	16.0	16.0	36.0	35.0	10.0	10.0	19.0	20.0
US	12.7	12.4	13.9	13.8	38.9	38.5	11.5	11.4	23.0	23.9

[1] Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on end-of-year surveys. Missing data combined with other size groups.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-22.—Beef cows: Number of operations, 1996–97, and inventory, January 1, 1997–98, by States and United States [1]

State	Operations with beef cows [2]		January 1 beef cow inventory	
	1996	1997	1997	1998
	Number	*Number*	*1,000 head*	*1,000 head*
AL	32,000	28,000	829	822
AK	80	80	3.7	4.1
AZ	2,400	2,400	200	215
AR	26,000	26,000	954	915
CA	15,000	14,800	820	810
CO	9,500	9,500	826	816
CT	650	650	7	5
DE	220	220	3	3
FL	19,000	20,000	1,052	1,010
GA	25,000	24,000	692	674
HI	750	750	81	80
ID	7,500	7,500	492	490
IL	17,800	17,800	460	475
IN	16,000	16,000	310	300
IA	28,000	28,000	1,032	960
KS	30,000	29,000	1,489	1,461
KY	45,000	44,000	1,160	1,140
LA	16,600	16,300	547	549
ME	1,300	1,300	17	16
MD	3,200	2,900	53	53
MA	800	750	8	8
MI	8,500	8,500	125	117
MN	16,000	16,000	405	400
MS	29,000	28,000	682	666
MO	63,000	60,000	2,075	1,990
MT	11,700	11,800	1,570	1,542
NE	22,000	22,000	1,932	1,930
NV	1,300	1,300	244	239
NH	550	600	3	2
NJ	1,200	1,200	14	14
NM	6,500	6,500	533	512
NY	6,200	6,100	75	70
NC	30,000	31,000	512	475
ND	12,400	12,100	940	872
OH	21,000	20,000	325	330
OK	54,000	54,000	1,965	1,965
OR	16,800	15,000	607	612
PA	12,000	11,500	167	172
RI	130	150	1.5	1.3
SC	11,000	11,000	249	245
SD	18,000	17,000	1,660	1,559
TN	52,000	50,000	1,085	1,085
TX	133,000	133,000	5,460	5,520
UT	5,200	5,100	355	340
VT	1,300	1,200	12	13
VA	26,000	27,000	740	720
WA	13,000	13,000	294	290
WV	15,000	14,000	211	192
WI	10,200	10,700	200	200
WY	4,900	4,900	794	804
US	898,680	882,600	34,271.2	33,683.4

[1] An operation is any place having one or more beef cows on hand at any time during the year. [2] Included in operations with cattle.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-23.—Beef cows: Number of operations by size group, selected States and United States, 1996–97 [1]

State	Operations having							
	1–49 head		50–99 head		100–499 head		500+ head	
	1996	1997	1996	1997	1996	1997	1996	1997
	Number							
AL	27,000	23,000	3,200	3,200	1,750	1,750	50	50
AZ	1,500	1,500	330	230	400	500	170	170
AR	20,000	20,000	4,100	4,100	1,870	1,870	30	30
CA	11,700	11,600	1,200	1,200	1,800	1,700	300	300
CO	5,300	5,300	1,500	1,600	2,450	2,350	250	250
FL	15,300	16,400	1,700	1,600	1,650	1,700	350	300
GA	21,000	20,500	2,800	2,280	1,180	1,200	20	20
ID	5,000	5,100	1,100	1,000	1,280	1,280	120	120
IL	15,600	15,700	1,600	1,600	600	500	.....	.....
IN	15,000	15,000	800	800	200	200	.....	.....
IA	21,000	20,800	5,050	5,250	1,900	1,900	50	50
KS	20,000	19,000	5,900	5,500	3,980	4,350	120	150
KY	38,500	38,000	4,700	4,400	1,770	1,570	30	30
LA	13,400	13,200	1,700	1,600	1,400	1,400	100	100
MN	13,500	13,400	2,000	2,100	480	480	20	20
MS	25,000	24,000	3,000	3,000	960	950	40	50
MO	51,000	48,000	8,000	8,300	3,900	3,600	100	100
MT	4,300	4,800	2,650	2,150	4,200	4,300	550	550
NE	12,300	12,200	4,600	4,600	4,600	4,700	500	500
NM	3,900	3,900	1,000	1,000	1,300	1,300	300	300
ND	5,700	5,300	3,500	3,500	3,140	3,240	60	60
OH	20,000	19,000	780	760	220	240	.....	.....
OK	41,000	42,000	8,400	8,000	4,400	3,800	200	200
OR	14,000	12,000	1,300	1,500	1,300	1,300	200	200
PA	11,500	11,000	380	380	120	120	.....	.....
SD	8,200	7,200	4,500	4,500	5,000	5,000	300	300
TN	46,000	45,000	4,600	3,600	1,375	1,375	25	25
TX	104,000	104,000	17,500	17,500	10,500	10,500	1,000	1,000
UT	3,400	3,200	790	870	890	910	120	120
VA	22,000	23,000	2,800	2,700	1,170	1,260	30	40
WA	11,500	11,500	700	700	750	750	50	50
WY	1,800	1,700	1,000	1,000	1,800	1,800	300	400
Oth Sts	87,000	87,000	4,300	4,300	930	950	150	150
US	716,400	703,300	107,480	104,820	69,265	68,845	5,535	5,635

[1] An operation is any place having one or more beef cows on hand at any time during the year. Missing data combined with other size groups.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-24.—Beef cows: Percent of inventory by size group, selected States, and United States, 1996–97 [1]

State	Inventory on operations having							
	1–49 head		50–99 head		100–499 head		500+ head	
	1996	1997	1996	1997	1996	1997	1996	1997
	Percent							
AL	44.0	41.0	22.0	23.0	30.5	32.0	3.5	4.0
AZ	5.0	8.0	8.0	6.0	36.0	41.0	51.0	45.0
AR	40.0	40.0	26.0	26.0	32.0	32.0	2.0	2.0
CA	14.0	14.0	9.0	9.0	44.0	43.0	33.0	34.0
CO	11.0	11.0	12.0	13.0	54.0	54.0	23.0	22.0
FL	17.0	20.0	10.0	9.0	27.0	29.0	46.0	42.0
GA	45.0	46.0	27.0	22.0	26.0	30.0	2.0	2.0
ID	15.0	16.0	13.0	13.0	48.0	48.0	24.0	23.0
IL	57.0	60.0	24.0	24.0	19.0	16.0	.....	.....
IN	68.0	67.0	19.0	20.0	13.0	13.0	.....	.....
IA	40.0	39.0	30.0	31.0	26.0	27.0	4.0	3.0
KS	28.0	26.0	24.0	22.0	42.0	45.0	6.0	7.0
KY	52.0	53.0	25.0	25.0	21.5	20.5	1.5	1.5
LA	28.0	30.0	18.0	17.0	42.0	43.0	12.0	10.0
MN	50.0	48.0	30.0	32.0	16.0	16.0	4.0	4.0
MS	46.0	46.0	25.0	25.0	25.0	25.0	4.0	4.0
MO	44.0	41.0	25.0	28.0	27.0	26.5	4.0	4.5
MT	5.0	6.0	11.0	9.0	55.0	56.0	29.0	29.0
NE	15.0	14.0	16.0	16.0	46.0	47.0	23.0	23.0
NM	8.0	8.0	9.0	9.0	42.0	41.0	41.0	42.0
ND	15.0	14.0	24.0	23.0	57.0	59.0	4.0	4.0
OH	75.0	73.0	15.0	15.0	10.0	12.0	.....	.....
OK	35.0	35.0	26.0	25.0	31.0	32.0	8.0	8.0
OR	20.0	18.0	13.0	16.0	44.0	41.0	23.0	25.0
PA	75.0	73.0	13.0	14.0	12.0	13.0	.....	.....
SD	12.0	11.0	18.0	19.0	57.0	57.0	13.0	13.0
TN	55.0	58.0	25.0	22.0	18.5	18.5	1.5	1.5
TX	29.0	29.0	20.0	20.0	35.0	35.0	16.0	16.0
UT	13.0	12.0	14.0	15.0	45.0	45.0	28.0	28.0
VA	46.0	48.0	26.0	23.0	24.0	25.0	4.0	4.0
WA	29.0	30.0	16.0	16.0	37.0	38.0	18.0	16.0
WY	4.0	4.0	9.0	8.0	51.0	47.0	36.0	41.0
Other States	47.0	46.0	15.0	15.0	28.0	28.0	10.0	11.0
US	30.7	30.3	19.6	19.5	35.7	36.2	14.0	14.0

[1] Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on end-of-year surveys. Missing data combined with other size groups.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-25.—Hogs and pigs: Number and value, United States, Dec. 1, 1988–97

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	Thousands	*Dollars*	*1,000 dollars*		*Thousands*	*Dollars*	*1,000 dollars*
1988	55,466	66.30	3,677,536	1993	57,904	74.90	4,337,599
1989	53,788	79.10	4,252,885	1994	59,990	53.20	3,191,737
1990	54,416	85.40	4,647,808	1995	58,264	70.70	4,120,067
1991	57,649	68.80	3,966,276	1996	56,141	94.00	5,283,503
1992	58,202	71.20	4,146,646	1997 [1]	59,920	81.00	4,880,398

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-26.—Hogs and pigs: Number and value, by States, Dec. 1, 1996–97

State	Operations		Number		Value			
					Value per head		Total value	
	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]
	Number	*Number*	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,600	1,200	200	190	91.00	80.00	18,200	15,200
AK	50	50	1.6	2.0	160.00	150.00	256	300
AZ	400	400	150	145	100.00	88.00	15,000	12,760
AR	2,600	2,400	825	850	100.00	79.00	82,500	67,150
CA	3,400	3,000	210	190	130.00	110.00	27,300	20,900
CO	1,100	1,000	630	790	100.00	88.00	63,000	69,520
CT	300	200	4	3	120.00	110.00	480	330
DE	130	110	25	18	89.00	79.00	2,225	1,422
FL	2,400	2,400	65	60	96.00	85.00	6,240	5,100
GA	3,500	2,800	800	720	86.00	81.00	68,800	58,320
HI	350	350	28	27	150.00	130.00	4,200	3,510
ID	1,100	900	33	38	93.00	82.00	3,069	3,116
IL	8,800	7,500	4,400	4,750	96.00	83.00	422,400	394,250
IN	8,000	7,000	3,750	3,800	95.00	84.00	356,250	319,200
IA	21,000	18,000	12,200	14,000	94.00	85.00	1,146,800	1,190,000
KS	4,100	3,600	1,450	1,430	89.00	73.00	129,050	104,390
KY	2,500	1,500	625	590	82.00	74.00	51,250	43,660
LA	1,000	950	40	32	99.00	88.00	3,960	2,816
ME	1,600	1,200	5.0	6	99.00	88.00	545	484
MD	580	540	65	73	92.00	81.00	5,888	5,913
MA	500	500	14.5	15.5	99.00	88.00	1,436	1,364
MI	4,400	4,100	1,000	1,030	95.00	89.00	95,000	91,670
MN	11,000	10,800	4,850	5,400	98.00	85.00	475,300	459,000
MS	3,000	3,000	240	240	97.00	86.00	23,280	20,640
MO	7,000	5,500	3,450	3,500	84.00	69.00	294,000	241,500
MT	750	650	150	175	96.00	85.00	14,400	14,875
NE	8,000	7,000	3,600	3,550	95.00	90.00	342,000	319,500
NV	140	140	8	8	120.00	110.00	960	880
NH	300	250	2.0	2.5	110.00	97.00	297	243
NJ	700	700	21	16	110.00	97.00	2,310	1,552
NM	500	500	5	5	100.00	88.00	500	440
NY	1,600	1,500	70	67	92.00	81.00	6,440	5,427
NC	6,000	5,800	9,300	9,700	92.00	72.00	855,600	698,400
ND	1,300	1,000	200	165	96.00	85.00	19,200	14,025
OH	10,000	9,000	1,500	1,620	90.00	79.00	135,000	127,980
OK	3,400	2,800	1,320	1,640	110.00	88.00	145,200	144,320
OR	1,400	1,200	40	35	100.00	88.00	4,000	3,080
PA	5,100	4,500	950	1,000	98.00	85.00	93,100	85,000
RI	50	50	2.8	2.6	96.00	85.00	269	221
SC	1,600	1,600	300	290	89.00	75.00	26,700	21,750
SD	3,500	2,800	1,200	1,250	100.00	84.00	120,000	105,000
TN	3,400	3,000	400	340	86.00	75.00	34,400	25,500
TX	6,700	6,500	510	560	86.00	83.00	43,000	46,480
UT	600	500	163	295	99.00	88.00	16,137	25,960
VT	400	400	1.6	2.2	130.00	110.00	208	242
VA	2,200	2,100	400	420	94.00	75.00	36,660	31,500
WA	1,800	1,800	35	39	110.00	97.00	3,850	3,783
WV	1,300	1,100	19	14	96.00	85.00	1,824	1,190
WI	4,700	4,400	800	730	95.00	84.00	76,000	61,320
WY	400	400	82	95	110.00	97.00	9,020	9,215
US	156,250	138,690	56,141	59,920	94.00	81.00	5,283,503	4,880,398

[1] Preliminary. Totals may not add due to rounding

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-27.—Sows farrowing and pig crop: Number, United States, 1988–97

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*
1988	6,030	6,036	46,883	46,000	92,883	1993	6,028	5,954	49,006	48,044	97,050
1989	6,028	5,767	47,141	44,779	91,920	1994	6,275	6,104	51,352	50,064	101,416
1990	5,732	5,709	45,223	44,877	90,100	1995	6,056	5,791	50,224	48,292	98,516
1991	5,988	6,071	47,413	47,902	95,315	1996	5,712	5,475	48,200	46,756	94,956
1992	6,260	6,012	50,466	48,676	99,142	1997 [1]	5,610	5,830	48,450	50,522	98,972

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-28.—Hogs and pigs: Number for breeding and market, United States, 1988–97

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups				
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 pounds and over	Total
	June 1						
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1988	56,185	7,530	20,888	11,985	8,780	7,002	48,655
1989	55,880	7,315	20,727	12,070	8,765	7,003	48,565
1990	53,800	7,065	19,806	11,698	8,515	6,716	46,735
1991	56,340	7,485	20,720	12,365	8,815	6,955	48,855
1992	59,175	7,520	21,540	13,005	9,615	7,495	51,655
1993	58,395	7,320	20,770	12,865	9,590	7,850	51,075
1994	60,715	7,565	22,125	13,145	9,825	8,055	53,150
1995	59,560	7,180	21,270	13,060	9,865	8,185	52,380
1996	57,150	6,860	20,245	12,690	9,795	7,560	50,290
1997 [1]	58,100	6,945	20,585	12,870	9,925	7,775	51,155
	Dec. 1						
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1988	55,466	7,053	18,010	12,394	10,025	7,984	48,413
1989	53,788	6,857	17,185	12,174	9,663	7,909	46,931
1990	54,416	6,847	17,852	12,195	9,622	7,900	47,569
1991	57,649	7,229	18,671	12,966	10,367	8,416	50,420
1992	58,202	7,109	19,122	12,846	10,420	8,705	51,093
1993	57,904	7,165	19,173	12,659	10,212	8,695	50,739
1994	59,990	7,060	19,556	13,087	10,941	9,346	52,930
1995	58,264	6,839	18,881	12,808	10,702	9,034	51,425
1996	56,141	6,667	18,439	12,221	10,291	8,522	49,474
1997 [1]	59,920	6,979	19,922	13,028	10,884	9,107	52,941

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-29.—Hogs: Number in specified countries, 1995–97 [1]

Country	1995	1996	1997 [2]
	Thousands	*Thousands*	*Thousands*
Australia	2,600	2,600	2,600
Austria	3,729	3,706	3,664
Belgium-Luxembourg	7,060	7,153	7,108
Brazil	31,338	32,068	31,369
Bulgaria	1,986	2,140	1,500
Canada	11,673	12,043	12,101
China, People's Republic of	414,619	441,692	457,130
Colombia	2,421	2,421	.....
Czech Republic	3,862	4,024	4,048
Denmark	10,864	10,709	11,081
Dominican Republic	307	307	.....
France	14,593	14,524	14,968
Germany	24,698	23,736	24,283
Greece	1,094	1,070	1,028
Guatemala	1,100	1,100	.....
Ireland	1,498	1,542	1,665
Italy	8,000	8,000	8,100
Japan	10,250	9,900	9,824
Kazakhstan	1,982	1,610	.....
Korea, Republic of	5,955	6,461	6,516
Mexico	12,513	11,100	10,200
Netherlands	13,931	13,958	14,253
New Zealand	400	400	.....
Philippines	8,941	9,023	9,750
Poland	19,138	20,343	17,697
Portugal	2,416	2,400	2,344
Romania	7,727	7,960	8,235
Russian Federation	24,859	22,630	19,500
South Africa, Republic of	1,628	1,690	.....
Spain	18,295	18,600	18,479
Sweden	2,313	2,330	2,349
Switzerland	1,646	1,382	1,390
Taiwan	10,066	10,510	10,698
Ukraine	13,946	13,070	11,173
United Kingdom	7,879	7,351	7,600
United States	59,990	58,264	56,171
Total	765,317	787,817	786,824

[1] Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible. [2] Preliminary.

FAS, Dairy, Livestock and Poultry Division, (202) 720–1350. 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 7-30.—Hogs: Number slaughtered, United States, 1987–96

Year	Commercial			Farm	Total
	Federally inspected	Other	Total [1]		
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1987	78,913	2,168	81,081	341	81,422
1988	85,517	2,278	87,795	341	88,136
1989	86,328	2,364	88,692	315	89,007
1990	82,901	2,235	85,136	296	85,431
1991	85,952	2,217	88,169	276	88,445
1992	92,611	2,278	94,889	268	95,157
1993	90,933	2,135	93,068	229	93,296
1994	93,435	2,261	95,696	208	95,905
1995	94,203	2,123	96,325	210	96,535
1996	90,534	1,860	92,394	175	92,569

[1] Totals are based on unrounded numbers.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-31.—Sows farrowing and pig crop: Number by States, 1996 and 1997

State	Sows farrowing							
	Dec.–Feb.		Mar.–May		June–Aug.		Sept.–Nov.	
	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AR	54	52	57	60	54	58	52	56
GA	42	38	45	38	43	37	35	35
IL	210	200	250	240	220	220	220	240
IN	200	180	195	180	185	185	180	185
IA	535	460	570	520	500	520	480	520
KS	62	80	70	90	81	90	85	90
KY	38	31	34	31	33	31	32	31
MI	40	40	65	60	52	54	45	48
MN	240	230	245	250	235	255	225	260
MO	180	180	200	200	180	190	185	195
NE	175	175	195	185	165	165	170	170
NC	450	500	460	515	470	515	475	510
OH	80	75	88	85	85	85	80	90
OK	62	78	76	87	79	98	78	99
PA	44	44	44	45	42	46	41	46
SD	65	60	74	70	56	65	65	67
WI	48	44	46	46	45	47	44	44
Oth Sts [2]	232	202	241	239	233	238	225	245
US	2,757	2,669	2,955	2,941	2,758	2,899	2,717	2,931

State	Pig crop							
	Dec.–Feb.		Mar.–May		June–Aug.		Sept.–Nov.	
	1996	1997 [1]	1996	1997 [1]	1996	1997	1996	1997 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AR	491	442	485	498	459	499	437	470
GA	336	306	380	317	361	311	291	292
IL	1,722	1,700	2,100	2,016	1,870	1,848	1,837	1,992
IN	1,640	1,530	1,619	1,512	1,536	1,554	1,503	1,573
IA	4,414	3,910	4,788	4,472	4,250	4,524	4,056	4,420
KS	508	728	588	828	713	828	765	837
KY	308	257	281	264	272	257	266	259
MI	328	336	527	504	432	470	374	418
MN	2,112	2,001	2,132	2,213	2,044	2,257	1,980	2,314
MO	1,440	1,548	1,680	1,760	1,548	1,691	1,554	1,696
NE	1,488	1,479	1,658	1,573	1,411	1,411	1,428	1,445
NC	3,938	4,450	4,002	4,584	4,113	4,584	4,156	4,514
OH	656	623	726	714	697	706	664	774
OK	570	741	722	827	735	921	741	921
PA	378	374	370	387	357	400	344	400
SD	559	510	607	588	476	546	536	570
WI	384	370	377	391	378	400	356	365
Oth Sts [2]	1,888	1,685	1,998	2,012	1,945	2,013	1,871	2,042
US	23,160	22,990	25,040	25,460	23,597	25,220	23,159	25,302

[1] Preliminary. Totals may not add due to rounding. [2] Individual State estimates not available for the 33 other States.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-32.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1987–96

Year	Marketings [1]	Shipped in for feeding and breeding	Farm slaughter [2]	Quantity produced (live weight) [3]	Value of production [4]	Cash receipts from sales of hogs, pork, and lard [5]	Value of hogs slaughtered for home consumption	Gross income [6]	Average price per 100 pounds received by farmers
	1,000 head	*1,000 head*	*1,000 head*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Dollars*
1987	84,249	3,746	328	20,445,529	10,443,597	10,336,628	87,409	10,424,037	51.20
1988	90,420	3,722	335	21,697,048	9,155,727	9,221,199	76,031	9,297,230	42.30
1989	92,432	3,643	316	21,907,061	9,280,627	9,454,053	71,228	9,525,281	42.50
1990	89,240	4,317	279	21,286,939	11,345,800	11,525,451	82,878	11,608,329	53.70
1991	92,220	4,670	264	22,727,121	11,067,121	11,036,132	68,243	11,104,375	49.10
1992	98,589	4,871	272	23,946,691	9,854,258	10,016,503	60,713	10,077,216	41.60
1993	98,351	5,675	222	23,692,553	10,627,889	10,910,817	54,862	10,965,679	45.20
1994	100,747	6,177	195	24,436,502	9,692,390	9,882,641	43,922	9,926,563	39.90
1995	102,684	7,550	192	24,425,501	9,829,188	10,264,264	42,240	10,306,504	40.50
1996 [7] ...	101,809	10,014	183	23,263,037	11,997,453	12,643,736	49,907	12,693,643	51.90

[1] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [2] Excludes custom slaughtered for farmers at commercial establishments. [3] Adjustments made for changes in inventory and for inshipments. [4] Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. [5] Receipts from marketings and sale of farm slaughter includes allowance for higher average price of State outshipments of feeder pigs. [6] Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption. [7] Preliminary.

NASS Livestock and Economics Branch, (202) 720–6146.

Table 7-33.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1988–97 [1]

Year	Receipts at selected public stockyards									Direct receipts in interior Iowa and Southern Minnesota [4]
	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting [2 3]	
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1988	.....	121	562	800	477	800	827	3,100	6,687	24,626
1989	.....	108	518	720	432	645	672	2,688	5,784	24,879
1990	.....	101	425	602	357	528	559	2,339	4,911	23,642
1991	.....	.....	402	573	391	480	518	2,212	4,576	24,875
1992	.....	.....	379	538	439	479	498	1,704	4,037	25,961
1993	.....	.....	372	475	411	443	40	1,565	2,936	26,536
1994	.....	.....	352	.....	451	406	468	1,368	3,018	28,669
1995	.....	.....	284	.....	371	363	367	1,132	2,517	28,545
1996	.....	.....	203	.....	259	330	243	937	1,972	27,199
1997	.....	.....	139	.....	192	258	155	734	1,479	28,624

[1] Total rail and truck receipts. Saleable receipts 1978 on. [2] Rounded total of complete figures. [3] The number of stockyards reporting varies from 41 to 68. [4] Covers receipts at 14 packing plants and 30 concentration yards. [5] Data no longer reported.

Prior to 1994 includes numbers from the following areas: Kansas City, National Stockyards and Fort Worth.

AMS, Livestock & Grain Market News, (202) 720–7316. Compiled from reports received from stockyard companies.

Table 7-34.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1996 (preliminary)

State	Marketings [1]	Shipped in for feeding and breeding	Farm slaughter [2]	Quantity produced (live weight) [3]	Value of production [4]	Cash receipts from sales of hogs, pork, and lard [5]	Value of hogs slaughtered for home consumption	Gross income [6]
	1,000 head	*1,000 head*	*1,000 head*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	368.0	41.0	4.0	146,965	69,720	71,856	627	72,483
AK	1.8	.3	1.9	806	402	227	239	466
AZ	262.0	21.0	1.0	69,068	34,984	34,609	268	34,877
AR	1,731.0	30.0	1.0	375,684	192,909	186,710	544	187,254
CA	383.0	30.0	22.0	76,345	39,675	41,895	2,236	44,131
CO	1,378.0	50.0	1.0	304,305	172,388	174,293	788	175,081
CT	11.6	.0	.2	3,248	1,526	1,494	26	1,520
DE	44.0	1.0	1.0	9,407	4,885	5,270	228	5,498
FL	175.0	3.0	1.0	28,070	13,278	14,441	102	14,543
GA	1,426.0	33.0	5.0	323,260	159,523	167,612	1,205	168,817
HI	45.0	.0	1.0	7,900	6,423	6,585	146	6,731
ID	94.0	24.0	2.0	18,610	8,200	9,830	335	10,165
IL	8,315.0	700.0	4.0	1,954,060	984,692	1,038,640	1,212	1,039,852
IN	6,634.0	341.0	1.0	1,587,839	790,057	829,748	499	830,247
IA	22,190.0	4,600.0	18.0	5,223,149	2,687,982	3,003,970	5,215	3,009,185
KS	2,553.0	330.0	1.0	642,706	327,556	328,025	742	328,767
KY	1,334.0	112.0	10.0	271,881	141,433	155,898	3,098	158,996
LA	97.0	2.0	2.0	19,585	8,981	9,816	193	10,009
ME	9.1	.0	.9	2,450	1,151	620	607	1,227
MD	132.0	10.0	3.0	24,424	12,232	12,763	677	13,440
MA	22.8	.0	.5	4,014	1,886	1,662	304	1,966
MI	1,717.0	56.0	3.0	399,040	203,883	214,496	1,385	215,881
MN	9,097.0	1,130.0	7.0	1,990,926	1,047,013	1,115,777	3,347	1,119,124
MS	396.0	32.0	2.0	92,893	47,736	49,926	519	50,445
MO	6,718.0	823.0	2.0	1,249,941	624,001	651,631	1,612	653,243
MT	342.0	5.0	2.0	69,857	34,440	37,065	493	37,558
NE	6,453.0	280.0	2.0	1,514,631	812,028	856,139	1,468	857,607
NV	17.2	4.0	.3	3,475	1,778	1,909	34	1,943
NH	3.8	.0	.3	728	342	262	91	353
NJ	40.1	18.1	2.0	1,543	523	1,824	243	2,067
NM	15.5	6.0	1.0	2,441	1,132	1,374	211	1,585
NY	113.0	9.0	2.0	24,912	10,654	10,099	596	10,695
NC	14,234.0	125.0	20.0	3,399,284	1,803,693	1,748,690	3,152	1,751,842
ND	447.0	25.0	2.0	94,631	42,740	48,401	453	48,854
OH	3,117.0	179.0	10.0	717,577	368,661	397,788	3,715	401,503
OK	2,836.0	570.0	2.0	535,176	287,852	320,714	1,069	321,783
OR	64.0	.0	1.0	14,135	8,029	8,361	131	8,492
PA	1,489.0	70.0	10.0	326,172	161,871	167,872	1,708	169,580
RI	4.0	.0	.2	952	447	432	22	454
SC	720.0	60.0	7.0	129,412	64,575	68,437	1,637	70,074
SD	2,432.0	108.0	4.0	567,814	299,659	324,917	1,849	326,766
TN	914.0	84.0	4.0	200,384	98,102	106,453	1,259	107,712
TX	826.0	56.0	5.0	205,331	93,862	93,663	1,299	94,962
UT	140.0	4.0	1.0	45,625	24,596	18,014	259	18,273
VT	3.9	.0	.5	1,030	484	325	162	487
VA	641.0	19.0	1.0	161,026	84,037	81,410	930	82,340
WA	95.0	.0	4.0	20,662	10,769	10,979	1,083	12,062
WV	38.0	2.0	2.0	9,198	4,038	3,535	698	4,233
WI	1,549.0	11.0	2.0	355,421	184,063	190,001	630	190,631
WY	140.5	10.0	2.5	35,044	16,562	17,278	561	17,839
US	101,809.3	10,014.4	183.3	23,263,037	11,997,453	12,643,736	49,907	12,693,643

[1] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [2] Excludes custom slaughter for farmers at commercial establishments. [3] Adjustments made for changes in inventory and for inshipments. [4] Includes allowance for higher average price of State inshipments and outshipments of feeder pigs. [5] Receipts from marketings and sale of farm-slaughter. Includes allowance for higher average price of State outshipments of feeder pigs. [6] Cash receipts from sales of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-35.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1996 [1]

State	Number slaughtered	Total live weight	Average live weight
	Thousands	*1,000 pounds*	*Pounds*
AL	113.5	47,076	415
AZ	11.4	2,685	235
AR	216.3	90,415	418
CA	2,016.8	434,404	215
CO	48.4	10,895	225
DE and MD	266.7	61,547	231
FL	125.9	26,837	213
GA	.....	.....	.....
HI	43.4	8,284	191
ID	.....	.....	.....
IL	8,684.7	2,251,940	259
IN	4,119.2	1,014,596	246
IA	26,229.0	6,663,228	254
KS	.....	.....	.....
KY	2,547.2	648,017	254
LA	44.5	9,598	216
MI	.....	.....	.....
MN	6,981.0	1,730,506	248
MS	.....	.....	.....
MO	3,318.1	834,810	252
MT	22.5	5,109	227
NE	5,717.9	1,426,788	250
NV	1.7	343	201
N ENG [2]	35.6	8,295	233
NJ	.....	.....	.....
NM	3.1	665	214
NY	54.2	12,333	228
NC	8,845.9	2,187,479	247
ND	68.4	16,324	239
OH	1,174.6	302,186	257
OK	1,507.8	402,573	267
OR	165.1	41,706	253
PA	2,294.8	553,341	241
SC	.....	.....	.....
SD	5,455.8	1,407,349	258
TN	.....	.....	.....
TX	328.1	106,075	323
UT	.....	.....	.....
VA	4,295.7	1,074,137	250
WA	.....	.....	.....
WV	14.2	4,892	344
WI	356.1	143,768	404
WY	4.8	1,188	245
US [3]	92,394.4	23,431,309	254

[1] 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. [2] CT, ME, MA, NH, RI, and VT. [3] States with no data printed are still included in US total, not printed to avoid disclosing individual operations.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-36.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1987–96 [1]

Year	Federally inspected									Commercial	
	Barrows and gilts		Sows		Stags and boars		Total			All hogs and pigs	
	Head	Avg. dressed weight	Head	Avg. dressed weight	Head	Avg. dressed weight	Head	Avg. dressed weight	Avg. live weight	Head	Avg. live weight
	1,000	*Pounds*	*1,000*	*Pounds*	*1,000*	*Pounds*	*1,000*	*Pounds*	*Pounds*	*1,000*	*Pounds*
1987	74,807	171	3,411	306	695	206	78,913	177	248	81,081	247
1988	80,766	173	3,961	304	790	213	85,517	179	249	87,795	249
1989	81,427	172	4,115	295	786	237	86,328	179	249	88,692	248
1990	78,394	175	3,704	298	803	225	82,901	181	250	85,136	249
1991	81,567	176	3,633	299	752	227	85,952	182	252	88,169	252
1992	87,807	176	3,955	295	849	225	92,611	182	253	94,889	252
1993	86,362	179	3,709	291	862	221	90,933	184	254	93,068	254
1994	88,615	180	3,917	294	904	219	93,435	185	255	95,696	255
1995	89,662	181	3,676	292	864	221	94,203	186	257	96,326	256
1996	86,443	181	3,425	290	667	222	90,534	186	254	92,394	254

[1] All weights calculated using unrounded totals. Totals may not add due to rounding.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-37.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, United States, 1987–96

Year	Hog-corn price ratio [1]	Price of corn per bushel [2]
		Dollars
1987	32.7	1.94
1988	19.3	2.54
1989	17.9	2.36
1990	22.5	2.28
1991	20.9	2.37
1992	18.5	2.07
1993	20.5	2.50
1994	16.4	2.26
1995	16.4	3.24
1996	15.4	2.70

[1] Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios, December through November. [2] Average of entire month prices.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 7-38.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 5 markets combined, 1988–97

Year	Omaha					Five markets [1]				
	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*
1988	252	42.98	486	33.65	25	249	43.25	477	33.38	16
1989	251	43.75	484	37.01	26	249	43.77	477	36.53	18
1990	237	57.38	524	52.71	23	247	54.55	488	49.12	18
1991	251	48.52	479	38.91	24	250	48.46	482	40.63	19
1992	251	42.44	520	34.12	22	249	42.11	485	33.91	19
1993	251	42.44	520	34.12	22.3	249	42.11	485	31.42	19.3
1994	254	39.76	458	32.74	20.6	253	39.53	468	33.91	18.9
1995	252	41.87	463	32.70	22.8	253	41.57	472	32.56	20.3
1996	249	53.29	461	43.65	24.7	251	52.77	468	44.59	19.9
1997	257	51.79	462	44.55	21.5	257	51.3	466	44.45	21.6

[1] Includes Sioux Falls, Omaha, Sioux City, South St. Joseph, and South St. Paul. Prior to 1994 included Indianapolis, Kansas City, National Stock Yards.

AMS, Livestock & Grain Market News, (202) 720–7316.

Table 7-39.—Hogs and pigs: Number of operations and inventory by size groups, selected States, regions, and United States, 1996–97 [1]

State	Operations having											
	1–99 head		100–499 head		500–999 head		1,000–1,999 head		2,000–4,999 head		5,000+ head	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
	Number											
AR	2,100	1,900	230	240	60	60	100	90	70	70	40	40
GA	2,700	2,100	500	450	160	120	80	60	30	40	30	30
IL	2,900	2,600	3,300	2,600	1,300	1,200	830	660	370	340	100	100
IN	3,700	2,900	2,400	2,400	1,000	800	500	500	300	300	100	100
IA	4,600	4,500	8,900	6,800	4,300	3,500	2,300	2,000	700	980	200	220
KS	2,400	2,300	1,200	750	310	360	90	90	70	70	30	30
KY	1,800	950	400	270	180	170	70	60	35	35	15	15
MI	3,200	2,800	750	820	170	180	150	150	100	120	30	30
MN	5,000	4,900	3,300	3,100	1,400	1,400	800	850	350	400	150	150
MO	3,600	2,600	2,300	1,900	670	530	260	260	130	160	40	50
NE	2,600	2,300	3,500	2,900	1,100	1,100	550	470	200	170	50	60
NC	4,000	3,700	310	280	190	180	350	340	700	820	450	480
OH	7,000	6,500	2,200	1,700	490	490	200	200	90	90	20	20
OK	3,200	2,600	80	50	20	40	10	20	80	80	10	10
PA	3,800	3,400	800	600	220	200	180	160	80	115	20	25
SD	1,200	950	1,600	1,200	450	400	150	150	60	60	40	40
WI	3,300	3,100	1,000	930	220	210	130	110	40	40	10	10
Oth Sts [2]	37,700	34,800	3,500	3,000	780	730	450	420	115	130	105	110
US	94,800	84,900	36,270	29,990	13,020	11,670	7,200	6,590	3,520	4,020	1,440	1,520

	Inventory on operations having											
	1–99 head		100–499 head		500–999 head		1,000–1,999 head		2,000–4,999 head		5,000+ head	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
	Percent											
AR	4.0	4.0	7.0	7.0	6.0	6.0	18.0	17.0	30.0	29.0	35.0	37.0
GA	9.0	7.0	16.0	13.0	12.0	10.0	12.0	11.0	16.0	23.0	35.0	36.0
IL	2.0	2.0	18.0	14.0	18.0	19.0	21.0	20.0	21.0	23.0	20.0	22.0
IN	3.0	2.0	16.0	16.0	17.0	14.0	18.0	19.0	21.0	24.0	25.0	25.0
IA	1.3	1.0	18.0	16.0	23.0	20.0	23.0	23.0	15.7	21.0	19.0	19.0
KS	4.5	3.5	18.0	9.5	15.0	15.0	9.5	9.0	14.0	14.0	39.0	49.0
KY	5.0	3.0	16.0	11.0	18.0	21.0	16.0	16.0	19.0	21.0	26.0	28.0
MI	5.5	5.0	14.0	13.0	9.5	11.0	18.0	16.0	23.0	25.0	30.0	30.0
MN	3.0	3.0	15.0	13.0	18.0	16.0	22.0	23.0	18.0	20.0	24.0	25.0
MO	2.5	2.0	12.0	10.0	12.0	9.5	9.5	9.5	11.0	17.0	53.0	52.0
NE	3.0	2.8	23.0	21.0	20.0	22.0	19.0	18.0	14.0	13.2	21.0	23.0
NC	0.5	0.4	1.0	0.6	1.5	1.2	6.0	4.8	25.0	25.0	66.0	68.0
OH	10.0	8.0	30.0	26.0	20.0	23.0	14.0	17.0	17.0	17.0	9.0	9.0
OK	2.0	1.5	2.0	1.0	1.0	3.0	1.0	2.0	24.0	22.5	70.0	70.0
PA	6.0	4.0	17.0	12.0	14.0	13.0	22.0	18.0	23.0	36.0	18.0	17.0
SD	3.5	3.0	31.5	27.0	23.0	23.0	15.0	15.0	9.0	10.0	18.0	22.0
WI	9.0	10.0	28.0	27.0	18.0	19.0	21.0	19.0	13.0	14.0	11.0	11.0
Oth Sts [2]	9.0	8.0	12.0	10.0	10.0	9.0	12.0	11.0	10.0	12.0	47.0	50.0
US	3.0	3.0	15.0	12.0	15.0	14.0	16.0	16.0	18.0	20.0	33.0	35.0

[1] An operation is any place having one or more hogs and pigs on hand any time during the year. Percents reflect average distributions based primarily on mid-year surveys. [2] Individual State estimates not available for the 34 other States.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-40.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1987–96

Year	Supply						Disposition			
	Production				Stocks Jan. 1[1]	Total[2]	Exports[3]	Domestic disappearance		
	Federally inspected	Other commercial	Farm	Total				Total	Direct use	
									Total	Per civilian
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Pounds*
1987	844	13	5	863	22	885	107	745	441	1.8
1988	.....	.....	5	932	33	965	127	801	433	1.8
1989	.....	.....	.....	[4]935	37	972	110	830	442	1.8
1990[3]	.....	.....	.....	919	32	954	97	832	468	1.9
1991	.....	.....	.....	952	25	980	121	822	429	1.7
1992	.....	.....	.....	1,025	37	1,064	136	906	426	1.7
1993	.....	.....	.....	1,005	23	1,031	114	879	449	1.7
1994	.....	.....	.....	1,034	38	1,074	137	896	598	2.3
1995	.....	.....	.....	1,040	41	1,082	124	921	585	2.2
1996	.....	.....	.....	998	38	1,038	101	918	606	2.3

[1] Factory and warehouse stocks as reported by the Bureau of the Census. [2] Includes imports, which were less than 500,000 pounds. [3] Discontinued after 1989. [4] ERS estimate.

ERS, Field Crops Branch, (202) 694–5300. 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 7-41.—Lard, including rendered pork fat: United States exports by country of destination, 1994–96

Continent and country	1994	1995	1996[1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Belize	1,876	1,906	2,122
Canada	5,726	7,148	0
Haiti	1,057	2,618	2,129
Mexico	30,954	33,166	36,757
Panama	0	52	0
Other countries	829	362	704
Total	40,441	45,253	41,712
South America:			
Venezuela	94	0	0
Colombia	997	15	0
Other countries	192	217	130
Total	1,282	232	130
Europe:			
Netherlands	2,477	2,212	0
Spain	980	1,001	2,012
United Kingdom	2,061	7	28
Other countries	568	0	0
Total	6,086	3,220	2,040
Africa	122	41	0
Asia	13,614	7,283	1,650
Oceania	35	29	52
Grand total[2]	61,580	56,058	45,585

[1] Final. [2] May not add due to rounding.

FAS, Dairy, Livestock and Poultry Division, (202) 720–1350. Compiled from reports of the U.S. Department of Commerce.

Table 7-42.—Sheep and lambs: Number and value, United States, Jan. 1, 1989–98

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	Thousands	*Dollars*	*1,000 dollars*		*Thousands*	*Dollars*	*1,000 dollars*
1989	10,853	82.40	894,410	1994[1]	9,742	69.90	681,384
1990	11,358	79.30	901,092	1995[1]	8,886	74.70	663,449
1991	11,174	65.60	732,600	1996[1]	8,461	86.50	732,197
1992	10,797	61.20	660,746	1997[1]	7,937	96.00	761,650
1993	10,201	70.60	714,163	1998[1 2]	7,616	102.00	776,311

[1] Beginning in 1994 includes new crop lambs. [2] Preliminary.
NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-43.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1989–98

Year	All sheep and lambs	Sheep and lambs on feed	Breeding sheep				
			Total	Lambs		1 year and over	
				Ewes	Wethers and rams	Ewes	Wethers and rams
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1989	10,853	1,646	9,207	1,341	346	7,186	334
1990	11,358	1,762	9,596	1,322	311	7,608	355
1991	11,174	1,730	9,444	1,340	347	7,409	348
1992	10,797	1,832	8,965	1,166	320	7,129	350
1993	10,201	1,896	8,305	1,126	308	6,537	333
1994[1]	9,742	1,839	7,233	864	284	5,804	302
1995[1]	8,886	(3)	6,436	878	(4)	5,300	258
1996[1]	8,461	(3)	6,228	863	(4)	5,128	236
1997[1]	7,937	(3)	5,850	794	(4)	4,836	220
1998[1 2]	7,616	(3)	5,537	804	(4)	4,527	206

[1] Includes new crop lambs. [2] Preliminary. [3] Discontinued. [4] Combined with ewes.
NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-44.—Breeding sheep: Number, by classes, by States, Jan. 1, 1997 and 1998

State	Lambs		One year and over			
	Breeding		Ewes		Wethers and rams	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
AL	1.6	1.5	4.9	5.1	0.5	0.4
AK	0.2	0.2	0.8	0.7	0.4	0.4
AZ	4.0	6.0	44.0	45.0	2.0	2.0
CA	85.0	65.0	380.0	360.0	15.0	15.0
CO	33.0	33.0	210.0	200.0	7.0	7.0
CT	0.8	0.8	5.0	4.9	0.4	0.4
ID	36.0	35.0	204.0	194.0	5.0	5.0
IL	8.0	8.0	57.0	56.0	4.0	4.0
IN	7.0	9.0	45.0	32.0	3.0	3.0
IA	27.0	24.0	153.0	127.0	8.0	7.0
KS	10.0	9.0	84.0	66.0	6.0	5.0
KY	1.7	2.3	15.0	11.0	1.0	0.7
LA	1.9	1.8	9.7	9.0	1.4	1.2
ME	1.4	1.7	6.7	7.0	0.7	0.8
MD	5.0	5.0	19.8	20.2	2.8	3.0
MA	1.4	1.4	8.0	7.9	0.6	0.6
MI	9.0	7.0	53.0	50.0	3.0	3.0
MN	20.0	15.0	105.0	90.0	5.0	5.0
MO	8.5	7.5	44.0	42.0	2.5	2.5
MT	59.0	60.0	330.0	315.0	11.0	10.0
NE	9.0	10.0	65.0	71.0	3.0	3.0
NV	18.0	17.0	54.0	51.0	2.0	2.0
NH	0.9	0.8	4.5	4.9	0.4	0.4
NJ	2.2	2.0	10.0	10.0	1.3	1.0
NM	30.0	30.0	180.0	175.0	10.0	10.0
NY	7.0	9.0	38.0	41.0	3.0	3.0
NC	1.2	1.4	9.5	8.0	0.8	0.6
ND	11.5	12.5	91.0	69.0	2.5	2.5
OH	15.0	12.0	80.0	70.0	6.0	5.0
OK	5.0	5.0	52.0	48.0	3.0	3.0
OR	35.0	24.0	165.0	145.0	9.0	6.0
PA	11.0	12.0	64.0	63.0	6.0	5.0
SD	35.0	37.0	310.0	285.0	10.0	8.0
TN	1.5	1.5	7.6	6.5	0.9	1.0
TX	130.0	170.0	980.0	960.0	40.0	40.0
UT	40.0	41.0	290.0	265.0	9.0	9.0
VT	2.5	2.0	11.0	9.0	0.8	0.5
VA	11.0	10.0	51.0	51.0	3.0	3.0
WA	5.0	8.0	37.0	37.0	3.0	2.0
WV	4.0	4.0	36.0	30.0	2.0	1.0
WI	9.5	11.0	44.0	44.0	3.5	3.0
WY	85.0	86.0	450.0	410.0	15.0	14.0
Other States [2]	4.3	4.8	27.6	30.7	6.2	6.6
US	794.1	804.2	4,836.1	4,526.9	219.7	205.6

[1] Preliminary. [2] AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-45.—Sheep and lambs: Number of breeding sheep and market, by States, Jan. 1, 1997–98 [1]

State	Breeding sheep and lambs		Market sheep and lambs [3]	
	1997	1998 [2]	1997	1998 [2]
	Thousands	*Thousands*	*Thousands*	*Thousands*
AL	7.0	7.0	([1])	([1])
AK	1.4	1.3	0.2	0.1
AZ	50.0	53.0	75.0	67.0
CA	480.0	440.0	480.0	430.0
CO	250.0	240.0	325.0	335.0
CT	6.2	6.1	0.8	0.9
ID	245.0	234.0	40.0	51.0
IL	69.0	68.0	10.0	11.0
IN	55.0	44.0	12.0	11.0
IA	188.0	158.0	97.0	77.0
KS	100.0	80.0	50.0	40.0
KY	17.7	14.0	4.3	3.0
LA	13.0	12.0	2.0	1.5
ME	8.8	9.5	1.2	1.5
MD	27.6	28.2	4.4	4.8
MA	10.0	9.9	1.5	1.1
MI	65.0	60.0	33.0	30.0
MN	130.0	110.0	50.0	60.0
MO	55.0	52.0	13.0	13.0
MT	400.0	385.0	32.0	25.0
NE	77.0	84.0	18.0	16.0
NV	74.0	70.0	11.0	10.0
NH	5.8	6.1	0.7	0.9
NJ	13.5	13.0	4.0	4.0
NM	220.0	215.0	15.0	25.0
NY	48.0	53.0	12.0	12.0
NC	11.5	10.0	1.7	1.0
ND	105.0	84.0	30.0	26.0
OH	101.0	87.0	29.0	30.0
OK	60.0	56.0	15.0	14.0
OR	209.0	175.0	95.0	90.0
PA	81.0	80.0	13.0	14.0
SD	355.0	330.0	95.0	70.0
TN	10.0	9.0	3.5	2.0
TX	1,150.0	1,170.0	250.0	330.0
UT	339.0	315.0	36.0	35.0
VT	14.3	11.5	2.1	2.5
VA	65.0	64.0	15.0	17.0
WA	45.0	47.0	5.0	15.0
WV	42.0	35.0	8.0	5.0
WI	57.0	58.0	12.0	12.0
WY	550.0	510.0	170.0	170.0
Other States [4]	38.1	42.1	14.8	15.0
US	5,849.9	5,536.7	2,087.2	2,079.3

[1] Data for this table is no longer available. [2] Preliminary. [3] 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. [4] AL, AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-46.—Sheep: Number in specified countries, 1995–97 [1]

Country	1995	1996	1997 [2]
	Thousand head	*Thousand head*	*Thousand head*
Argentina	21,626	17,956	17,295
Australia	123,210	126,320	126,800
Bulgaria	4,193	4,216	3,824
China, Peoples Republic of	240,528	276,857	304,150
Egypt	3,648	3,491	3,543
France	11,385	11,140	11,240
Germany	2,340	2,395	2,324
Greece	9,559	9,386	9,201
India	164,242	165,384	166,209
Ireland	5,772	5,583	5,391
Italy	12,070	12,000	12,300
Kazakhstan, Republic of	25,132	19,600	14,896
Mexico	13,010	13,100	13,500
New Zealand	50,135	48,816	47,394
Poland	766	608	506
Portugal	4,235	4,239	4,161
Romania	12,119	11,086	10,317
Russian Federation	34,500	28,336	23,519
Saudia Arabia	7,321	7,752	7,877
South Africa, Republic of	33,385	35,145	35,830
Spain	23,058	21,322	21,727
Turkey	43,000	42,400	41,300
Ukraine	5,575	4,080	2,925
United Kingdom	29,484	28,797	27,896
United States	8,886	8,461	7,937
Uruguay	21,243	20,205	19,865
Total	910,422	928,675	941,927

[1] Various dates of enumeration are used by the countries reporting animal numbers. Data presented in this table approximate Jan. 1 as closely as possible. [2] Preliminary.

FAS, Dairy, Livestock and Poultry Division, (202) 720–1350. 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 7-47.—Sheep and lambs: Average price per 100 pounds at San Angelo, 1988–97 [1]

Year	Sheep			Slaughter lambs			
				Shorn		Spring	
	Good	Utility	Cull	Prime	Choice	Prime	Choice
1988	38.88	31.30	22.98	70.84	70.52	66.71	66.71
1989	38.58	30.78	21.93	66.06	66.06	71.48	71.48
1990	35.21	28.60	20.03	53.42	53.42	53.83	59.31
1991	31.98	27.12	17.89	51.86	51.86	55.97	55.97
1992	34.45	33.96	24.38	61.33	61.33	62.29	62.29
1993	36.95	36.41	27.94	64.92	64.92	61.62	61.62
1994	40.19	36.06	27.81	66.15	66.15	.....	.....
1995	33.97	35.61	29.07	75.71	75.71	77.91	77.91
1996	34.50	35.38	23.96	85.68	85.68	82.00	82.00
1997	49.24	46.53	32.80	89.26	89.26	89.20	89.20

[1] Simple average of monthly bulk-of-sales prices from data of the livestock reporting service. 1995 to present price reflects wooled lamb as well as the weight range of 110-130.

AMS, Livestock & Grain Market News, (202) 720–7316.

Table 7-48.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1995–97 [1]

State	1995		1996		1997 [2]	
	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
	Thousands	*Percent*	*Thousands*	*Percent*	*Thousands*	*Percent*
AL	4.0	87	4.8	130	4.3	88
AK	.8	89	0.7	78	0.6	75
AZ	50.0	71	40.0	74	45.0	102
CA	380.0	88	340.0	87	330.0	87
CO	240.0	114	240.0	114	225.0	107
CT	6.5	135	6.6	138	6.6	132
ID	256.0	132	260.0	129	245.0	120
IL	79.0	144	79.0	149	81.0	142
IN	65.0	109	55.0	141	60.0	133
IA	230.0	148	230.0	144	230.0	150
KS	100.0	115	90.0	100	85.0	101
KY	19.0	115	15.0	115	15.0	100
LA	9.5	99	8.8	85	8.6	89
ME	8.0	103	7.0	106	8.0	119
MD	17.0	121	15.0	107	23.0	116
MA	7.5	91	8.5	125	7.5	94
MI	67.0	137	72.0	144	70.0	132
MN	160.0	145	160.0	145	150.0	143
MO	65.0	123	60.0	122	57.0	130
MT	410.0	112	390.0	112	380.0	115
NE	96.0	137	91.0	123	95.0	146
NV	65.0	107	54.0	96	51.0	94
NH	6.0	128	6.5	125	6.5	144
NJ	12.0	110	11.0	92	10.5	105
NM	170.0	81	150.0	73	160.0	89
NY	56.0	127	54.0	126	50.0	132
NC	10.5	92	10.4	116	9.5	100
ND	100.0	127	100.0	130	100.0	110
OH	121.0	113	112.0	112	108.0	135
OK	65.0	108	60.0	105	55.0	106
OR	220.0	110	210.0	102	185.0	112
PA	85.0	115	78.0	108	74.0	116
SD	420.0	118	390.0	118	365.0	118
TN	6.5	107	8.5	106	8.0	105
TX	910.0	83	810.0	75	910.0	93
UT	340.0	110	325.0	107	310.0	107
VT	13.0	93	13.0	127	11.0	100
VA	77.0	118	70.0	130	66.0	129
WA	50.0	143	53.0	129	60.0	162
WV	50.0	116	45.0	122	37.0	103
WI	75.0	142	67.0	129	66.0	150
WY	460.0	100	460.0	101	450.0	100
Other States [3]	23.8	92	21.0	76	25.7	93
US	5,606.1	106	5,281.8	103	5,244.8	108

[1] Lamb crop defined as lambs born in the native States and lambs docked or branded in the Western States. [2] Preliminary. [3] AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-49.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1987–96

Year	Lamb crop [1]	Marketings [2]		Inshipments	Farm slaughter	Quantity produced (live weight) [3]
		Sheep	Lambs			
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 pounds*
1987	7,242	1,195	6,194	1,772	111	733,111
1988	7,205	1,610	6,350	1,971	100	730,941
1989	7,721	1,129	7,201	2,452	98	811,275
1990	7,686	1,628	6,823	2,004	95	780,800
1991	7,651	1,719	7,187	2,186	92	796,089
1992	7,225	1,923	7,007	2,389	87	745,970
1993	6,379	1,952	6,752	2,379	74	688,594
1994	5,897	1,536	6,384	2,187	76	630,033
1995	5,606	990	6,228	2,147	69	599,392
1996 [4]	5,282	1,019	5,923	2,120	65	560,162

Year	Value of production	Cash receipts for sales of sheep, lambs, and mutton and lamb [5]	Value of sheep and lambs slaughtered for home consumption	Gross income [6]	Average price per 100 pounds received by farmers	
					Sheep	Lambs
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Dollars*	*Dollars*
1987	502,642	558,067	14,454	572,521	29.50	77.60
1988	433,950	513,421	9,789	523,210	25.60	69.10
1989	467,553	542,923	9,519	552,442	24.40	66.10
1990	373,991	447,274	8,634	455,908	23.20	55.50
1991	356,689	439,250	7,754	447,004	19.70	52.20
1992	394,409	507,458	8,230	515,688	25.80	59.50
1993	394,444	544,219	7,388	551,607	28.60	64.40
1994	360,279	507,133	9,142	516,275	30.90	65.60
1995	409,900	558,848	9,868	568,716	28.00	78.20
1996 [4]	431,023	600,541	10,405	610,946	29.90	82.20

[1] 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. [2] Includes animals custom slaughtered for use on farms where produced, but excludes interfarm sales within the State. [3] Adjustments made for changes in inventory and for inshipments. [4] Preliminary. [5] Receipts from marketings and sale of farm-slaughtered meat. [6] Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-50.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1996 (preliminary)

State	Marketings [1]		Shipped in	Slaughter on farms [2]	Quantity produced (live weight) [3]	Value of production	Cash receipts from sales of sheep, lambs, and mutton and lamb [4]	Value of sheep and lambs slaughtered for home consumption	Gross income [5]
	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*
AL	.2	1.9	.7	.1	302	195	120	13	133
AK	.0	.3	.0	.1	40	36	18	18	36
AZ	14.0	91.0	76.0	11.0	5,258	4,477	8,376	792	9,168
CA	75.0	622.0	360.0	5.0	56,581	44,384	73,426	975	74,401
CO	48.0	1,063.0	968.0	2.0	69,299	43,692	114,627	295	114,922
CT	.4	4.8	.0	.2	484	505	459	49	508
ID	32.5	214.5	28.0	1.0	26,683	19,511	20,224	179	20,403
IL	4.8	102.2	44.0	1.0	5,566	4,118	6,877	207	7,084
IN	7.5	35.0	11.0	1.5	4,213	2,360	2,559	292	2,851
IA	31.0	340.0	128.0	1.0	31,187	26,066	38,048	327	38,375
KS	12.0	106.0	37.0	1.0	11,076	9,466	11,588	248	11,836
KY	2.2	9.4	2.0	.5	1,333	845	751	133	884
LA	1.9	5.1	.0	.6	542	394	324	109	433
ME	.9	5.1	.0	.1	527	516	471	36	507
MD	1.6	8.8	6.4	2.0	1,549	591	691	308	999
MA	1.1	5.9	2.0	.1	630	693	514	131	645
MI	7.0	55.0	10.0	2.0	7,360	5,894	5,409	497	5,906
MN	17.0	158.0	42.0	1.0	17,026	13,676	16,065	194	16,259
MO	12.5	48.2	4.0	.3	3,867	3,176	3,587	99	3,686
MT	76.0	303.0	10.0	1.0	34,227	26,254	28,797	213	29,010
NE	31.0	110.5	59.0	.5	10,585	7,691	11,680	92	11,772
NV	12.5	46.0	24.0	1.5	3,708	2,382	3,984	155	4,139
NH	1.7	4.7	.0	.2	481	427	422	66	488
NJ	6.0	12.2	9.2	.9	747	532	1,121	108	1,229
NM	50.0	116.0	12.0	8.0	12,143	9,722	10,902	834	11,736
NY	6.0	39.0	2.0	1.0	3,429	3,062	3,281	133	3,414
NC	.1	7.5	.0	.1	689	545	501	38	539
ND	10.5	80.0	20.0	.5	8,287	5,777	6,978	101	7,079
OH	30.5	105.0	22.0	1.5	10,704	8,627	10,462	212	10,674
OK	11.0	59.0	13.0	1.0	4,989	4,162	5,202	211	5,413
OR	63.0	167.0	.0	3.0	20,525	16,185	17,054	997	18,051
PA	18.0	59.0	.0	1.0	6,914	5,442	5,922	282	6,204
SD	47.0	364.0	47.0	1.0	38,306	34,474	40,814	259	41,073
TN	2.1	6.3	1.6	.2	536	427	563	21	584
TX	227.0	739.0	78.0	2.0	68,718	53,678	74,501	196	74,697
UT	38.0	264.0	10.0	5.0	26,315	20,740	21,618	647	22,265
VT	.5	8.5	.0	.4	1,090	965	783	85	868
VA	8.0	52.0	1.0	1.0	6,112	5,084	5,177	189	5,366
WA	6.0	50.0	1.0	1.0	4,476	3,538	4,083	160	4,243
WV	5.0	43.7	8.0	.3	4,262	3,050	3,690	54	3,744
WI	15.5	53.5	4.0	1.0	6,584	4,778	5,503	188	5,691
WY	82.0	344.5	78.0	2.5	41,378	31,708	32,349	262	32,611
Other [6]	1.9	12.5	1.0	.0	1,434	1,178	1,020	0	1,020
US	1,018.9	5,923.1	2,119.9	65.1	560,162	431,023	600,541	10,405	610,946

[1] Includes custom slaughter for use on farms where produced and State outshipments, but excludes interfarm sales within the State. [2] Excludes custom slaughter for farmers at commercial establishments. [3] Adjustments made for changes in inventory and for inshipments. [4] Receipts from marketings and sale of farm-slaughter. [5] Cash receipts from sales of sheep, lambs, and mutton and lamb plus value of sheep and lambs slaughtered for home consumption. [6] AL, AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-51.—Sheep and lambs: Receipts at selected public stockyards, 1988–97 [1]

Year	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	All others reporting	Total markets reporting [2 3]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1988	4	13	15	3	75	19	888	1,017
1989	4	13	15	5	85	19	858	998
1990	4	13	16	5	89	17	961	1,105
1991	.....	13	16	9	95	18	1,142	1,293
1992	.....	11	16	12	88	19	1,099	1,243
1993	.....	12	12	88	72	6	1,187	1,377
1994	.....	11	.....	80	64	82	1,232	1,469
1995	.....	6,136	.....	7,132	50,752	6,649	775,594	846,263
1996	.....	3,194	.....	8,068	46,588	5,948	857,254	921,052
1997	.....	2,082	.....	7,997	47,010	5,280	997,776	1,060,145

[1] Total rail and truck receipts unloaded at public stockyards. Saleable receipts only, 1978. [2] Rounded totals of complete figures. [3] The number of stockyards reporting varies from 41 to 68.

AMS, Livestock & Grain Market News, (202) 720–7316. Compiled from reports received from stockyard companies.

Table 7-52.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1996 [1]

State	Number slaughtered	Total live weight	Average live weight
	Thousands	*1,000 pounds*	*Pounds*
AL	.2	16	86
AZ	1.3	133	103
AR	.6	73	120
CA	.....	.....	.....
CO	1,546.9	208,947	135
DE and MD	.....	.....	.....
FL	.....	.....	.....
GA	2.1	178	86
HI	.6	63	101
ID	4.7	480	103
IL	.....	.....	.....
IN	.....	.....	.....
IA	.....	.....	.....
KS	2.0	243	121
KY	10.7	1,383	129
LA	3.5	318	92
MI	224.3	26,663	119
MN	.....	.....	.....
MS	.....	.....	.....
MO	.....	.....	.....
MT	2.9	332	115
NE	1.5	151	102
NV	.....	.....	.....
N ENG [2]	28.7	3,185	111
NJ	126.2	11,363	90
NM	43.4	5,430	125
NY	34.0	3,311	98
NC	2.4	202	85
ND	1.1	132	120
OH	14.4	1,528	106
OK	.....	.....	.....
OR	5.6	640	115
PA	67.8	6,856	101
SC	.....	.....	.....
SD	189.6	25,142	133
TN	.....	.....	.....
TX	.....	.....	.....
UT	.....	.....	.....
VA	22.8	2,405	106
WA	.....	.....	.....
WV	.....	.....	.....
WI	8.9	995	112
WY	1.4	170	125
US [3]	4,184.1	534,212	128

[1] Includes slaughter in federally inspected and in other slaughter plants. [2] CT, ME, MA, NH, RI, and VT. [3] Data not shown to avoid disclosing individual operations, but are included in U.S. totals.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-53.—Sheep and lambs: Number slaughtered, United States, 1987–96

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total [1]				Federally inspected	Other	Total [1]		
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*		*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1987	5,042	158	5,200	112	5,312	1992	5,290	207	5,496	89	5,585
1988	5,122	171	5,293	99	5,392	1993	5,002	181	5,182	77	5,259
1989	5,295	170	5,465	94	5,559	1994	4,755	183	4,938	76	5,014
1990	5,469	185	5,654	96	5,750	1995	4,388	172	4,560	69	4,629
1991	5,504	217	5,721	92	5,813	1996	4,032	152	4,184	65	4,249

[1] Totals are based on unrounded numbers.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-54.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1987–96 [1]

Year	Federally inspected									Commercial	
	Lambs and yearlings			Mature sheep			Total			All sheep and lambs	
	Head	Pct. of total	Avg. dressed weight	Head	Pct. of total	Avg. dressed weight	Head	Avg. dressed weight	Avg. live weight	Head	Avg. live weight
	1,000		*Pounds*	*1,000*		*Pounds*	*1,000*	*Pounds*	*Pounds*	*1,000*	*Pounds*
1987	4,771	94.6	60	271	5.4	59	5,042	60	120	5,200	119
1988	4,829	94.3	63	293	5.7	59	5,122	63	124	5,293	124
1989	4,961	93.7	64	334	6.3	58	5,295	63	125	5,465	124
1990	5,146	94.1	64	323	5.9	59	5,469	64	126	5,654	125
1991	5,173	94.0	64	330	6.0	58	5,504	63	125	5,721	124
1992	4,982	94.2	64	308	5.8	57	5,289	64	126	5,496	125
1993	4,708	94.1	65	293	5.9	57	5,002	64	129	5,182	127
1994	4,463	93.9	63	292	6.1	57	4,756	63	126	4,938	125
1995	4,114	93.8	63	274	6.2	58	4,388	63	127	4,560	125
1996	3,763	93.3	65	270	6.7	58	4,032	64	129	4,184	128

[1] All percents and weights calculated using unrounded totals.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-55.—Sheep and lambs: Operations with sheep, 1994–97

State	Operations with sheep			
	1994	1995	1996	1997
	Number	*Number*	*Number*	*Number*
AL	340	310	310	300
AK	40	40	40	40
AZ	450	450	400	400
CA	5,000	4,800	4,600	4,500
CO	1,600	1,300	1,300	1,200
CT	480	350	350	350
ID	1,400	1,300	1,100	1,100
IL	3,700	3,500	3,300	3,100
IN	3,200	2,700	2,400	2,700
IA	6,500	6,300	6,000	5,800
KS	2,300	1,900	1,900	2,000
KY	1,000	900	850	800
LA	1,100	1,000	900	800
ME	700	600	550	550
MD	1,100	1,000	1,000	1,100
MA	600	500	500	600
MI	2,100	2,000	2,000	2,100
MN	3,600	3,500	3,300	3,000
MO	2,900	2,600	2,300	2,100
MT	2,300	2,200	2,200	2,200
NE	1,700	1,800	2,000	2,000
NV	350	350	350	350
NH	540	400	450	400
NJ	900	850	800	800
NM	1,000	1,000	1,000	900
NY	1,800	1,700	1,800	1,700
NC	600	600	600	620
ND	1,400	1,200	1,000	1,000
OH	5,200	5,000	4,500	4,000
OK	2,000	1,700	1,700	1,700
OR	3,200	2,600	3,100	3,000
PA	3,300	3,200	3,100	3,000
SD	3,500	3,000	2,700	2,500
TN	650	650	650	600
TX	7,600	7,300	7,000	6,500
UT	2,000	1,900	1,700	1,600
VT	720	750	600	600
VA	1,800	1,600	1,400	1,300
WA	1,500	1,500	1,500	1,500
WV	1,500	1,600	1,400	1,300
WI	2,500	2,400	2,300	2,100
WY	1,200	1,100	1,100	1,100
Other States [1]	1,780	1,620	1,460	1,400
US	87,150	81,070	77,510	74,710

[1] AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-56.—Breeding Sheep: Survey percent of operations by size groups, United States, 1997–98 [1]

Regions	Operations having							
	1–99 head		100–499 head		500–4,999 head		5,000+ head	
	1997	1998	1997	1998	1997	1998	1997	1998
	Percent							
United States	91.9	90.8	6.2	6.8	1.8	2.3	0.1	0.1

[1] Percents reflect distributions of end-of-year survey. [2] Less than 0.05 percent.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-57.—Breeding sheep: Survey percent of inventory by size groups, United States, 1997–98 [1]

Regions	Inventory on operations having							
	1–99 head		100–499 head		500–4,999 head		5,000+ head	
	1997	1998	1997	1998	1997	1998	1997	1998
	Percent							
United States	25.7	25.5	20.3	19.2	40.0	42.6	14.0	12.7

[1] Percents reflect distributions of end-of-year survey.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-58.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1987–96

Year	Sheep and lambs shorn [1]	Weight per fleece	Shorn wool production	Price per pound [2]	Value of production [3]
	Thousands	*Pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1987	10,922	7.75	84,450	91.7	77,009
1988	11,531	7.76	89,482	138.0	124,993
1989	11,314	7.89	89,220	124.0	110,537
1990	11,222	7.84	88,033	80.0	69,534
1991	11,009	7.97	87,740	55.0	47,178
1992	10,521	7.88	82,943	74.0	60,162
1993	9,976	7.77	77,535	51.0	39,077
1994	8,877	7.73	68,577	78.0	52,377
1995	8,138	7.80	63,513	1.04	64,277
1996 [4]	7,279	7.79	56,669	.70	39,659

Year	Shorn wool production	Raw wool supply (clean)				
		Domestic production [5]	Exports [6]	Imports for consumption		Total new supply [9]
				48's and Finer [7]	Not Finer than 46's [8]	
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
1987	84,450	44,590	1,037	74,054	31,066	148,673
1988	89,482	47,246	1,247	72,324	24,418	142,740
1989	89,220	47,108	1,188	77,003	29,889	152,812
1990	88,033	46,481	2,736	50,328	21,355	115,428
1991	87,740	46,327	3,867	68,242	18,166	128,868
1992	82,943	43,794	3,413	65,457	23,802	129,640
1993	77,535	40,938	2,529	76,001	21,876	138,286
1994	68,577	36,209	2,863	64,889	24,645	122,880
1995	63,513	33,535	6,042	63,781	25,039	116,313
1996 [4]	56,669	29,921	5,715	54,063	20,971	99,240

[1] Includes sheep shorn at commercial feeding yards. [2] Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool. [3] Production by States multiplied by annual average price. [4] Preliminary. [5] Conversion factor from grease basis to clean basis are as follows: Shorn wool production—52.8 percent (Stat. Bull. 616) from 1987-1997. Includes carpet wool exports. [7] Prior to 1989, known as dutiable imports. [8] Prior to 1989, known as duty-free imports. In 1994 includes 24,645,306 pounds of imported raw wool not finer than 46's and 2,182,576 pounds of miscellaneous imported raw wool. [9] Production minus exports plus imports; stocks not taken into consideration.

ERS, Field Crops Branch, (202) 694–5300 and NASS. Imports and exports from reports of the U.S. Department of Commerce.

Table 7-59.—Wool: Price-support operations, United States, 1986–95

Marketing year	Shorn wool price per pound		Payment rate		Marketings covered by payments [2]		Amount of payments [3]		
	Support	Season average received by producers	Average for shorn wool per pound	Unshorn lambs per cwt. [1]	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	Cents	*Cents*	*Cents*	*Cents*	*Million pounds*	*Million pounds*	*Million dollars*	*Million dollars*	*Million dollars*
1986	178	66.8	111.2	445	81.0	601	83.1	19.3	102.4
1987	181	91.7	89.3	357	80.3	625	74.7	16.9	91.6
1988	178	138.0	40.0	160	82.3	567	32.3	7.1	39.4
1989	177	124.0	53.0	212	79.8	580	36.1	9.4	45.5
1990	182	80.0	102.0	408	81.8	600	85.4	19.9	105.3
1991	188	55.0	133.0	532	85.3	642	108.2	26.2	134.4
1992	197	74.0	123.0	492	76.6	561	93.1	22.9	116.0
1993	204	51.0	153.0	612	73.3	554	107.8	26.1	133.9
1994	209	78.0	131.0	524	64.5	478	60.4	15.2	76.6
1995	212	104.0	108.0	432	54.3	467	27.3	7.5	34.8

[1] For unshorn lambs sold. [2] Unadjusted for weight of unshorn lambs purchased. [3] Payments for wool marketed during the year shown are made after Mar. 31 of the following year and include deductions for American Sheep Industry Association. Figures for 1994 and 1995 reflect 20- and 50-percent reductions in payments, respectively, as required by Public Law 103-130 which also terminated price support for wool as of December 31, 1995.

FSA, Fibers Analysis Group, (202) 720–7954.

Table 7-60.—Wool: Average price per pound, clean basis, delivered to United States mills, 1988–97 [1]

Year	Territory [2]		Australian 64's good topmaking (in bond, American yield)
	64's (20.60–22.04 microns)	Avg. 58's–56's (24.95–27.84 microns)	
	Cents	*Cents*	*Cents*
1988	438	224	584
1989	370	205	472
1990	256	138	413
1991	199	109	280
1992	204	141	227
1993	137	102	194
1994	212	126	311
1995	249	177	311
1996	196	143	264
1997	206	164	300

[1] Beginning January 1976 the unit designation terminology for wool prices changed to microns. For example 64's (20.60–22.04 microns) formerly was fine good French combing and staple. Two designations 56's (26.40–27.84 microns) and 58's (24.95–26.39 microns) have been averaged in the price data shown here and together were formerly the category fleece 3/8 blood good French combing and staple. [2] Wool grown in the range areas of California, Oregon, Washington, Texas, 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.

ERS, Field Crops Branch, (202) 694–5300 and AMS.

Table 7-61.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1987–96 [1 2 3]

Item	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
Apparel wool:										
Woolen system:	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
60's and finer	32.4	23.8	24.1	26.2	32.0	33.9	40.9	36.0	30.2	29.2
Coarser than 60's	28.6	20.9	21.8	24.9	26.6	25.6	26.6	26.0	27.1	22.0
Total	61.0	44.7	45.9	51.1	58.6	59.5	67.5	62.0	57.3	51.2
Worsted system:										
60's and finer	53.8	54.5	56.1	50.6	56.5	58.5	58.8	59.6	55.0	46.1
Coarser than 60's	14.9	17.9	18.5	18.9	22.1	18.1	15.1	17.0	17.0	13.8
Total	68.7	72.4	74.6	69.5	78.6	76.6	73.9	76.6	72.0	59.8
Total apparel:										
60's and finer	86.2	78.3	80.2	76.8	88.5	92.4	99.7	95.6	85.2	75.2
Coarser than 60's	43.5	38.8	40.3	43.8	48.7	43.7	41.7	43.0	44.1	35.8
Total	129.7	117.1	120.5	120.6	137.2	136.1	141.4	138.6	129.3	110.9
Carpet wool	13.1	15.6	14.1	12.1	14.3	14.7	15.4	14.7	12.7	12.3
Grand total mill	142.8	132.7	134.6	132.7	151.5	150.8	156.8	153.3	142.0	123.3

[1] 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. [2] Domestic, duty-paid, and duty-free foreign. [3] Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

ERS, Field Crops Branch, (202) 694–5300. Compiled from reports of the U.S. Department of Commerce.

Table 7-62.—Wool: United States imports (for consumption), clean content, by grades, 1987–96 [1 2]

Grade	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
48's and finer:	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Finer than 58's [3]	64.1	65.6	68.3	44.5	57.3	58.1	70.7	59.4	56.9	50.8
48's–58's [4]	9.9	6.7	8.7	5.5	11.0	7.4	5.3	5.5	6.9	3.2
Total	74.0	72.3	77.0	50.3	68.3	65.5	76.0	64.9	63.8	54.1
Not Finer than 46's:										
Wool for special use [5]	1.2	1.5	6.2	1.9	.6	.8	13.8	13.8	8.6	3.9
Not finer than 40's [6]	9.1	4.5	4.3	6.2	7.3	7.9	1.4	1.9	3.2	3.2
Finer than 40's–44's [7]	13.9	13.5	11.5	7.5	4.5	6.8	4.7	6.6	9.4	10.1
46's [8]	6.9	4.9	7.9	5.8	5.8	8.3	2.0	2.3	3.9	4.1
Total	31.1	24.4	29.9	21.4	18.2	23.8	21.9	24.6	25.0	21.3
Miscellaneous [9]	.....	.....	.....	.....	.....	.....	2.4	2.2	38.8	0
Grand total	105.1	96.7	106.9	71.7	86.5	89.3	100.3	91.7	88.8	75.4

[1] Natural fiber grown by sheep or lambs. [2] Beginning 1989 the following Harmonized Tariff Schedule numbers are in the above 7 wool import groups: 5101.19.606060, 5101.19.6060, 5101.21.4000, 5101.21.4000, 5101.29.4060, 0.5(5101.30.4000). [4] 5101.11.6030, 5101.19.6030, 5101.21.4030, 5101.29.4030, 0.5(5101.30.4000). [5] 5101.11.1000, 5101.19.1000, 5101.21.1000, 5101.29.1000. [6] 5101.11.2000, 5101.19.2000, 5101.21.1500, 5101.29.1500, 5101.30.1000. [7] 5101.11.4000, 5101.19.4000, 5101.21.3000, 5101.29.3000, 5101.30.1500. [8] 5101.11.5000, 5101.19.5000, 5101.21.3500, 5101.29.3500, 5101.30.3000. [9] 5101.21.6000, 5101.29.6000, 5101.30.6000. They include wool not carded or combed but processed beyond the scoured or carbonized condition, e.g. dyed. This wool is not identified by use or grade. In 1989 this quantity was 48,074 pounds, 1990 was 32,979 pounds, 1991 was 47,245 pounds, and 1992 was 25,728 pounds.

ERS, Field Crops Branch, (202) 694–5300. Compiled from reports of the U.S. Department of Commerce.

Table 7-63.—Wool: United States imports (for consumption), clean content, by country of origin, 1987–96 [1]

Country of origin	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996 [2]
48's and finer:	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Argentina	0.3	1.5	.....	.....	0.6	0.1	0.1	0.1	.01	.01
Australia	62.4	51.6	66.8	43.0	59.5	55.0	64.8	53.0	51.6	47.1
Canada	.5	.4	.4	.2	.4	1.1	1.2	0.8	1.1	1.2
Chile	.6	.5	.5	.4	.4	.4	.3	0.6	0.7	0.2
New Zealand	4.1	4.2	4.7	2.7	3.5	3.2	1.7	1.8	2.6	1.9
South Africa	.....	.....	.....	.....	.3	1.0	1.1	.08	0.9	0.7
United Kingdom	.6	.5	.5	.3	.2	.3	.3	1.5	1.5	0.3
Uruguay	4.0	2.2	1.6	1.7	1.7	3.2	5.9	5.2	2.5	1.6
Other	1.5	1.4	2.5	2.0	1.7	1.2	.6	1.1	2.8	2.0
Total	74.0	72.3	77.0	50.3	68.3	65.5	76.0	64.9	63.8	54.1
Not finer than 46's:										
Argentina	1.5	1.2	1.1	.8	.7	.7	.6	0.6	0.1	0.2
Australia	.5	.4	.3	.3	.4	.3	.3	0.1	.....	0.4
Canada	.3	.2	.1	.1	.2	.3	.1	0.1	0.6	0.1
New Zealand	23.8	19.0	25.0	16.7	14.2	17.9	15.6	18.3	17.0	15.6
Uruguay	.1	.....	.....	.1	.1	.1	.1	0.3	.....	.....
South Africa	.....	.....	.....	.....	.....	.....	0.1	0.1	0.0	0.0
United Kingdom	4.5	3.2	3.2	3.1	2.4	4.2	4.7	4.8	5.7	3.5
Other	.4	.4	.2	.3	.2	.3	.4	0.3	.....	1.2
Total	31.1	24.4	29.9	21.4	18.2	23.8	21.9	24.6	25.0	21.0
Grand total	105.1	96.7	106.9	71.7	86.5	89.3	100.3	91.7	88.8	75.4

[1] Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.
[2] The country of origin for the 2.2 million pounds of miscellaneous imported raw wool was: New Zealand, 1.6 million; and Australia, 0.6 million.

ERS, Field Crops Branch, 694–5300. Compiled from reports of the U.S. Department of Commerce.

Table 7-64.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1995–96

State	Sheep and lambs shorn [1]		Weight per fleece [2]		Shorn wool production	
	1995	1996 [5]	1995	1996 [5]	1995	1996 [5]
	Thousands	*Thousands*	*Thousands*	*Pounds*	*Pounds*	*Pounds*
AL	7.0	5.0	6.0	6.0	42	30
AK	.9	1.0	7.8	7.0	7	7
AZ	140.0	125.0	6.8	6.0	950	750
CA	690.0	640.0	7.6	7.6	5,250	4,860
CO	540.0	605.0	7.3	7.1	3,960	4,318
CT	4.5	5.4	7.6	6.5	34	35
ID	233.0	239.0	9.3	9.3	2,164	2,228
IL	86.0	85.0	6.9	6.7	590	570
IN	70.0	67.0	6.8	6.4	475	430
IA	345.0	335.0	6.0	6.0	2,070	2,000
KS	144.0	111.0	7.0	7.0	1,010	780
KY	18.0	15.5	6.8	6.5	123	100
LA	10.0	9.0	5.5	6.1	55	55
ME	7.5	8.0	7.9	7.0	59	56
MD	21.0	24.0	8.7	6.7	182	161
MA	6.0	9.0	7.3	7.0	44	63
MI	85.0	81.0	7.7	7.6	658	615
MN	170.0	170.0	6.8	6.6	1,150	1,120
MO	90.0	77.0	6.4	6.7	572	513
MT	468.0	434.0	9.4	9.6	4,413	4,150
NE	90.0	97.0	7.6	7.4	680	720
NV	74.0	70.0	9.2	9.6	680	669
NH	*5.1	5.1	7.1	7.1	36	36
NJ	10.0	14.0	9.3	6.9	93	96
NM	340.0	305.0	8.8	9.0	3,000	2,753
NY	54.0	53.0	7.0	7.1	380	377
NC	10.5	10.6	6.9	6.7	72	71
ND	115.0	110.0	9.1	8.8	1,045	965
OH	156.0	133.0	7.1	6.8	1,100	910
OK	52.0	36.0	6.3	6.4	330	230
OR	360.0	340.0	6.7	6.6	2,412	2,245
PA	81.0	72.0	6.9	6.9	560	500
SD	460.0	420.0	8.6	8.5	3,967	3,580
TN	10.0	10.0	7.5	6.0	75	60
TX	1,820.0	1,320.0	7.4	7.5	13,468	9,900
UT	364.0	336.0	9.6	9.2	3,500	3,090
VT	12.5	14.5	7.2	7.2	90	105
VA	58.0	56.0	6.2	6.2	358	346
WA	44.0	48.0	8.5	8.9	375	426
WV	54.0	45.0	6.3	6.0	340	270
WI	67.0	63.0	7.8	7.5	525	470
WY	730.0	640.0	8.8	9.1	6,411	5,811
8 States [6]	35.1	34.7	5.9	5.7	208	198
US	8,138.1	7,278.8	7.8	7.8	63,513	56,669

See footnotes at end of table.

Table 7-64.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1995–96—Continued

State	Price per pound [3]		Value of production [4]	
	1995	1996 [5]	1995	1996 [5]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*
AL	1.15	.38	48	11
AK	1.25	.90	9	6
AZ	.62	.61	589	458
CA	1.02	.67	5,355	3,256
CO	1.09	.73	4,316	3,152
CT	.78	.40	27	14
ID	.88	.62	1,904	1,381
IL	.55	.34	325	194
IN	.55	.31	261	133
IA	.60	.39	1,242	780
KS	.83	.51	838	398
KY	.70	.33	86	33
LA	.68	.33	37	18
ME	.76	.45	45	25
MD	.81	.49	147	79
MA	.80	.40	35	25
MI	.68	.36	447	221
MN	.64	.43	736	482
MO	.64	.36	366	185
MT	1.23	.94	5,428	3,901
NE	.65	.49	442	353
NV	1.08	.69	734	462
NH	.98	.60	35	22
NJ	.76	.78	71	75
NM	1.17	.85	3,510	2,340
NY	.84	.55	319	207
NC	.85	.62	61	44
ND	.94	.70	982	676
OH	.65	.39	715	355
OK	.79	.50	261	115
OR	.80	.45	1,930	1,010
PA	.78	.49	437	245
SD	1.08	.77	4,284	2,757
TN	.82	.42	62	25
TX	1.15	.84	15,488	8,316
UT	1.01	.65	3,535	2,009
VT	.84	.60	76	63
VA	.88	.48	315	166
WA	.84	.60	315	256
WV	.88	.51	299	138
WI	.62	.42	326	197
WY	1.20	.86	7,693	4,997
8 States [6]	.70	.40	146	79
US	1.04	.70	64,277	39,659

[1] Includes shearing at commercial feeding yards. [2] For TX and CA, the weight per fleece is the amount of wool shorn per sheep and lamb during the year. [3] Average local market price for wool sold; does not include incentive payments. [4] Production multiplied by annual average price. [5] Preliminary. [6] AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-65.—Mohair: Price-support operations, United States, 1986–95

Marketing year begining January 1	Price per pound		Average payment rate per pound	Marketings covered by payments	Amount of payments [1]
	Support	Season average received by producers			
	Cents	*Cents*	*Cents*	*Million pounds*	*Million dollars*
1986	493.0	251.0	242.0	17.9	43.0
1987	495.0	263.0	232.0	16.3	36.6
1988	469.0	189.0	280.0	17.2	48.4
1989	458.8	158.0	300.8	16.9	51.4
1990	453.2	93.0	360.2	16.7	59.6
1991	444.8	128.0	316.8	16.5	52.6
1992	461.3	86.0	375.3	15.7	60.5
1993	473.8	82.0	391.8	17.4	67.9
1994	473.9	256.0	217.9	13.1	21.8
1995	465.7	184.0	281.7	12.9	18.0

[1] Payments for mohair marketed during the year shown are made after Mar. 31 of the following year and includes deductions for Mohair Council of America. Figures for 1994 and 1995 relect 25- and 50-percent reductions in payments, respectively, as required by Public Law 103-130 which also terminated price support for mohair as of December 31, 1995.

FSA, Fibers Analysis Group, (202) 720–7954.

Table 7-66.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, Texas, 1987–96

Year	Goats clipped [1]	Average clip per goat	Mohair production	Price per pound	Value of production [2]
	Thousands	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1987	2,000	8.1	16,200	2.63	42,606
1988 [3]	2,321	7.5	17,323	1.89	32,769
1989 [3]	2,467	7.0	17,255	1.61	27,198
1988 [4]	2,000	7.7	15,400	1.94	29,876
1989 [4]	2,140	7.2	15,400	1.58	24,794
1990 [4]	1,860	7.8	14,500	.95	13,775
1991 [4]	1,970	7.5	14,800	1.31	19,388
1992 [4]	2,000	7.1	14,200	.87	12,354
1993 [4]	1,900	7.1	13,490	.83	11,197
1994 [4]	1,600	7.3	11,680	2.62	30,602
1995 [4]	1,470	7.7	11,319	1.85	20,940
1996 [4]	1,070	7.0	7,490	1.95	14,606

[1] The number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall. [2] Production multiplied by price per pound. [3] Includes Texas plus New Mexico, Oklahoma, Arizona, and Michigan. [4] Texas only.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-67.—Red meat and lard: Production, by class of slaughter, United States, 1987–96

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total [1]			Federally inspected	Other	Total [1]		
	Beef					Pork, excluding lard				
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pou nds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1987	22,746	659	23,405	161	23,566	13,954	358	14,312	62	14,374
1988	22,837	588	23,425	165	23,590	15,250	373	15,623	61	15,684
1989	22,456	519	22,975	113	23,088	15,375	382	15,757	54	15,811
1990	21,152	482	22,634	109	22,743	14,933	366	15,299	54	15,353
1991	22,340	460	22,800	117	22,917	15,588	361	15,949	51	16,000
1992	22,524	562	23,086	118	23,204	16,817	416	17,233	49	17,282
1993	22,528	414	22,942	107	23,049	16,684	345	17,029	58	17,087
1994	23,875	403	24,278	108	24,386	17,293	366	17,659	38	17,697
1995	24,691	426	25,117	107	25,224	17,467	343	17,810	38	17,848
1996	24,948	473	25,421	106	25,527	16,780	304	17,084	32	17,116
	Veal					Lamb and Mutton				
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1987	382	34	416	13	429	302	8	310	6	316
1988	362	24	386	9	395	320	9	329	6	335
1989	326	18	344	11	355	334	8	342	6	348
1990	303	13	316	11	327	348	9	357	5	362
1991	287	9	296	10	306	346	11	357	5	362
1992	291	20	311	11	322	334	15	349	5	354
1993	260	8	268	18	286	320	9	329	8	337
1994	276	7	283	10	293	297	9	306	4	310
1995	298	9	307	11	318	275	9	284	4	288
1996	355	13	368	11	379	258	7	265	4	269
	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*
1987	37,384	1,058	38,442	240	38,682	844	13	857	5	862
1988	38,770	993	39,763	241	40,004	919	14	933	5	938
1989	38,491	927	39,418	184	39,602	464	.....	464	2	466
1990	36,736	870	37,606	179	38,785	(2)	(2)	(2)	(2)	(2)
1991	38,561	840	39,401	183	39,584	.....	.....	.....	.....	.....
1992	39,966	1,013	40,979	183	41,162	.....	.....	.....	.....	.....
1993	39,793	775	40,568	191	40,759	.....	.....	.....	.....	.....
1994	41,741	785	42,526	160	42,686	.....	.....	.....	.....	.....
1995	42,731	787	43,518	160	43,678	.....	.....	.....	.....	.....
1996	42,340	798	43,138	153	43,291	.....	.....	.....	.....	.....

[1] Totals are based on unrounded data. [2] 1989 estimates includes January through June only. Lard production estimates were discontinued in July 1989.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-68.—Meat: Production by types in specified countries, 1995 and 1996 [1]

Country	Beef and veal		Pork [3]		Mutton, lamb, and goat meat		Total production	
	1995	1996 [2]	1995	1996 [2]	1995	1996 [2]	1995	1996 [2]
	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*
Argentina	2,600	2,580	0	0	68	56	2,668	2,636
Australia	1,717	1,638	351	330	576	586	2,644	2,554
Austria	196	221	457	472	0	0	653	693
Belgium	365	343	1,057	1,044	5	.....	1,427	1,387
Brazil	4,750	6,150	1,450	1,600	0	0	6,200	7,750
Bulgaria	87	90	265	270	59	60	411	420
Canada	928	998	1,280	1,240	0	0	2,208	2,238
China	4,154	4,946	36,484	40,375	2,015	2,400	42,653	47,721
Colombia	604	650	126	.....	0	0	730	650
Costa Rica	93	96	0	0	0	0	93	96
Czech Republic	323	310	650	692	0	0	973	1,002
Denmark	185	181	1,517	1,526	2	.....	1,704	1,707
Dominican Republic	48	48	16	.....	0	0	64	48
Egypt	402	426	0	0	81	83	483	509
El Salvador	27	24	0	0	0	0	27	24
France	1,648	1,735	2,145	2,171	148	153	3,941	4,059
Germany	1,407	1,483	3,062	3,637	42	43	4,511	5,163
Greece	85	86	147	149	130	131	362	366
Guatemala	50	53	14	.....	0	0	64	53
Hong Kong	0	0	187	183	0	0	187	183
Honduras	29	28	0	0	0	0	29	28
Hungary	83	0	400	490	4	.....	487	490
India	1,230	1,290	0	0	622	630	1,852	1,920
Ireland	480	535	206	210	89	90	775	835
Italy	1,181	1,180	1,345	1,410	76	78	2,602	2,668
Japan	601	555	1,322	1,266	0	0	1,923	1,821
Kazakhstan, Rep	548	482	100	.....	206	161	854	643
Korea, Rep.	214	236	799	865	0	0	1,013	1,101
Mexico	1,850	1,800	954	895	138	137	2,942	2,832
Netherlands	580	581	1,623	1,625	18	.....	2,221	2,206
New Zealand	630	631	45	.....	522	527	1,197	1,158
Nicaragua	50	49	0	0	0	0	50	49
Philippines	139	162	754	860	0	0	893	1,022
Poland	400	386	1,580	1,640	8	4	1,988	2,030
Portugal	105	100	305	324	27	26	437	450
Romania	150	170	421	425	71	70	642	665
Russian Federation	2,734	2,580	1,865	1,700	261	217	4,860	4,497
Saudi Arabia	26	18	0	0	189	192	215	210
Singapore	0	0	85	83	0	0	85	83
South Africa, Rep	542	525	0	0	146	135	688	660
Spain	508	544	2,175	2,315	242	237	2,925	3,096
Sweden	144	138	310	319	0	0	454	457
Switzerland	147	158	251	221	0	0	398	379
Taiwan	6	6	1,233	1,269	0	0	1,239	1,275
Turkey	623	595	0	0	372	375	995	970
Ukraine	1,186	1,186	807	790	40	36	2,033	2,012
United Kingdom	976	712	1,017	1,031	366	345	2,359	2,088
United States	11,585	11,578	8,097	7,750	130	121	19,812	19,449
Uruguay	344	410	0	0	51	61	395	471
Venezuela	347	322	0	0	0	0	347	322
Total meat	47,107	49,015	74,902	79,177	6,704	6,954	128,713	135,146

[1] Carcass weight basis: excludes offals, rabbit, and poultry meat. [2] Preliminary. [3] Includes edible pork fat, but excludes lard and inedible greases (except United States).

FAS, Dairy, Livestock and Poultry Division, (202) 720–1350. 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 7-69.—Meat: United States exports by type of product, 1987–96

Year	Beef and veal		Lamb and mutton, fresh or frozen	Pork					Sausage, bologna, and frankfurters	Variety meats, fresh, chilled, or frozen	Other meats	Total [1]
	Fresh, chilled, and frozen	Prepared and preserved		Fresh, chilled, and frozen	Hams and shoulders, cured	Bacon	Other pork, prepared or preserved					
							Not canned	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*
1987	200,180	10,789	668	29,145	1,227	617	3,597	376	4,582	222,342	61,812	535,335
1988	214,530	14,083	619	54,598	2,138	1,045	4,924	268	8,439	302,087	75,084	677,815
1989	373,110	8,810	2,076	79,318	6,101	3,788	2,204	1,395	11,968	245,235	78,550	812,555
1990	339,925	7,783	2,490	66,756	5,567	4,518	4,310	1,036	14,208	226,623	70,558	743,774
1991	395,697	10,251	3,791	76,194	4,702	5,444	6,133	1,279	24,026	280,721	61,440	869,678
1992	436,455	12,064	3,278	116,496	8,181	7,396	5,812	2,352	22,796	303,295	57,154	975,279
1993	411,003	14,464	3,607	129,240	5,208	7,092	4,579	2,350	34,198	338,689	45,905	996,335
1994	517,507	13,545	3,766	149,318	8,477	12,076	4,470	2,973	46,925	373,663	34,734	1,167,454
1995	581,731	13,653	2,509	228,164	12,074	13,830	6,263	3,564	56,829	449,599	34,118	1,402,334
1996 [2]	596,891	14,565	2,475	267,419	9,733	15,838	7,541	5,343	92,476	469,320	26,239	1,507,840

[1] May not add due to rounding. [2] Preliminary.

FAS, Dairy, Livestock and Poultry Division, (202) 720–1350. Compiled from reports of the U.S. Department of Commerce.

Table 7-70.—Meat: United States exports and imports into the United States, carcass weight equivalent, 1989–98 [1]

Year	Exports				Imports			
	Beef and veal	Lamb and mutton	Pork [2]	All meat	Beef & veal	Lamb and mutton	Pork [2]	All meat
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1989	1,023	5	262	1,290	[3] 2,178	46	896	3,120
1990	1,006	6	238	1,250	2,356	41	898	3,295
1991	1,188	10	290	1,488	2,406	41	775	3,223
1992	1,324	8	420	1,752	2,440	50	645	3,135
1993	1,275	8	446	1,730	2,401	53	740	3,194
1994	1,611	9	549	2,169	2,369	49	743	3,161
1995	1,821	6	787	2,614	2,103	64	664	2,831
1996	1,877	6	970	2,853	2,073	73	618	2,764
1997 [4]	2,136	6	1,044	3,186	2,343	83	632	3,068
1998 [5]	1,985	8	990	2,983	2,700	84	575	3,359

[1] Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to U.S. Territories are included in domestic consumption. [2] The pork series has been revised to a dressed weight equivalent rather than ''Pork, excluding lard.'' (See Footnote 1, table 7-81.) [3] Beginning in 1989 the Harmonic codes combines beef and veal. [4] Preliminary. [5] Forecast.

ERS, Market and Trade Economics Division, Animal Products Branch, (202) 694–5180. Data on imports and commercial exports are computed from records of the U.S. Department of Commerce, those on exports by the U.S. Department of Agriculture are separately estimated from deliveries and stocks.

Table 7-71.—Meat: United States imports, products weight basis, by country of origin, 1996

Country of origin	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Variety meats, fresh, chilled and frozen	Other livestock meats n.s.e.	Total
	Fresh, chilled and frozen	Canned, including sausage	Other prepared or preserved		Fresh, chilled and frozen	Canned	Other prepared or preserved	Sausage, all types				
	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	0	28,125	9,067	0	0	0	0	0	0	0	26	37,218
Australia	181,619	109	0	21,404	0	0	0	0	0	5,094	989	209,215
Brazil	0	21,494	232	0	0	0	0	0	0	0	270	21,996
Canada	230,718	440	2,678	106	156,032	18,499	13,565	1,379	573	24,193	2,715	450,898
Costa Rica	18,130	4	37	0	0	0	0	0	0	105	0	18,276
Denmark	0	67	0	0	24,333	20,964	177	801	442	385	3,101	50,270
Domin. Repub	0	0	0	0	0	0	0	0	621	0	2	623
El Salvador	0	0	0	0	0	0	0	0	0	0	0	0
Germany	0	17	0	0	162	60	49	19	0	17	2,039	2,363
Guatemala	692	0	0	0	0	0	0	0	0	0	0	692
Haiti	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	6,077	0	0	0	0	0	0	0	0	12	0	6,089
Hungary	0	20	0	0	0	2,666	0	40	0	0	0	2,726
Ireland	0	0	0	0	1,145	10	295	129	0	0	0	1,579
Mexico	3,450	13	1,081	7	0	24	3	0	0	0	4,064	8,642
Netherlands	243	2	0	0	169	4,016	0	0	0	41	530	5,001
New Zealand	167,466	391	0	11,446	0	0	0	0	0	2,282	1,720	183,305
Nicaragua	11,956	0	0	0	0	0	0	0	0	145	0	12,101
Panama	0	0	0	0	0	0	0	0	0	0	0	0
Poland	0	0	0	0	0	3,160	0	0	0	0	32	3,192
Romania	0	102	0	0	0	0	0	0	0	0	0	102
Sweden	0	2	0	0	467	0	0	0	0	0	489	958
United Kingdom	0	0	0	0	990	0	0	0	0	0	82	1,072
Uruguay	20,282	2,014	453	25	0	0	0	0	0	189	219	23,182
Yugoslavia	0	0	0	0	0	18	0	0	0	0	0	18
Other	45	588	70	109	257	5,830	1,192	50	3	9	5,656	13,809
Total [1]	640,678	53,388	13,618	33,097	183,555	55,247	15,281	2,418	1,639	32,472	21,934	1,053,327

[1] May not add due to rounding. n.s.e. not specified elsewhere.

FAS, Dairy, Livestock and Poultry Division, (202) 720–1350. Compiled from reports of the U.S. Department of Commerce.

Table 7-72.—Meat: United States imports by type of product, 1987–96

Year	Beef and Veal			Lamb, mutton, and goat, except canned	Pork				Mixed sausage	Variety meats, fresh or frozen	Other livestock meats n.s.e.	Total [1]
	Fresh, chilled, and frozen	Canned, including sausage	Other prepared or preserved		Fresh and frozen	Canned	Other prepared or preserved	Sausage, all types				
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1987	671,158	56,955	17,187	17,204	301,586	147,796	9,387	2,688	4,222	9,590	16,776	1,254,549
1988	703,468	67,109	10,124	19,239	281,965	143,356	10,214	2,906	2,732	8,905	17,449	1,267,467
1989	638,999	56,302	13,842	20,917	226,172	118,598	10,328	2,656	2,620	11,102	23,581	1,125,117
1990	699,251	57,636	10,939	19,056	233,536	31,539	13,375	3,521	1,874	11,423	18,560	1,100,710
1991	709,997	60,511	12,929	19,100	215,935	82,339	16,948	2,144	1,533	18,266	22,979	1,162,681
1992	728,922	64,303	10,641	23,853	185,671	61,005	16,553	2,453	1,674	20,059	19,225	1,134,359
1993	720,079	59,786	14,560	24,468	207,653	75,440	17,689	2,694	1,368	25,298	18,679	1,167,714
1994	714,450	61,575	13,335	23,277	209,026	75,443	17,577	2,237	1,900	27,407	18,724	1,164,951
1995	641,918	52,012	13,528	29,919	194,387	61,904	15,571	2,553	1,935	25,972	19,550	1,059,249
1996 [2]	640,678	53,388	13,618	33,097	183,555	55,247	15,281	2,418	1,639	32,472	21,934	1,053,327

[1] May not add due to rounding. [2] Preliminary. n.s.e. not specified elsewhere.

FAS, Dairy, Livestock and Poultry Division, (202) 720–1350. Compiled from reports of the U.S. Department of Commerce.

Table 7-73.—Meat: International trade, selected countries, 1994–96 [1]

Continent and country	1994		1995		1996 [2]	
	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	518	313	575	283	655	276
Costa Rica	29	0	28	0	27	0
Dominican Republic	7	0	4	0	0	0
El Salvador	0	4	0	7	.....	11
Guatemala	6	0	4	0	1	1
Honduras	20	0	9	0	9	0
Mexico	3	194	6	118	15	156
Nicaragua	26	0	26	0	22	0
United States	976	1,434	1,179	1,284	1,285	1,253
Total [3]	1,585	1,945	1,831	1,692	2,014	1,697
South America:						
Argentina	379	6	515	7	472	11
Brazil	417	90	320	134	333	145
Colombia	1	0	2	2	2	3
Uruguay	152	0	154	0	229	0
Venezuela	6	10	6	6	6	6
Total [3]	955	106	997	149	1,023	165
Europe:						
Austria	68	2	3	0	16	2
Belgium-Luxembourg	56	3	63	2	61	1
Denmark	548	4	432	2	445	2
France	352	39	302	39	291	45
Germany	286	190	223	150	229	137
Greece	2	14	2	14	2	14
Ireland	347	0	354	0	304	0
Italy	46	77	23	37	55	62
Netherlands	133	35	136	25	195	31
Portugal	1	10	2	17	1	6
Spain	10	28	7	28	13	41
Sweden	20	25	17	12	13	4
United Kingdom	86	217	103	294	49	276
Total EC (includes intra-trade)	1,955	644	1,667	620	1,674	621
Europe:						
Switzerland	0	19	0	10	0	17
Bulgaria	5	27	4	25	16	7
Czech Republic	6	25	25	28	3	10
Hungary	42	40	54	31	103	11
Poland	41	117	98	55	208	62
Romania	60	5	39	6	37	1
Total Eastern Europe [3]	154	214	220	145	367	91
FSU–4:.						
Kazakhstan	36	1	49	2	41	2
Russian Fed.	5	880	8	1,084	7	939
Ukraine	172	6	196	1	222	58
Total [4]	213	887	253	1,087	270	999
Africa:						
Egypt	5	158	5	123	0	115
South Africa	2	121	2	91	2	91
Total [3]	7	279	7	214	2	206

See footnotes at end of table.

Table 7-73.—Meat: International trade, selected countries, 1994–96 [1]—Continued

Continent and country	1994		1995		1996 [2]	
	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*
Asia:						
China	256	3	328	8	279	8
Hong Kong	8	298	13	223	14	202
India	118	0	137	0	177	0
Japan	0	1,628	0	1,840	0	1,904
Korea, Rep. of	11	191	18	247	46	240
Philippines	0	50	0	65	0	88
Saudi Arabia	2	117	2	99	2	105
Singapore	6	50	6	52	5	46
Taiwan	331	62	381	71	388	75
Turkey	8	9	3	42	2	12
Total [3]	740	2,408	888	2,647	913	2,680
Oceania:						
Australia	1,495	10	1,374	10	1,291	13
New Zealand	934	9	864	4	985	5
Total [3]	2,429	19	2,238	14	2,276	18
Total selected countries [3]	8,038	6,521	8,101	6,578	8,539	6,494

[1] Carcass weight equivalent of beef and veal, pork, and lamb, mutton and goat meat. Excludes fat, offals, and live animals. [2] Preliminary. [3] Totals may not add due to rounding. [4] Estimate based on trading partner data. Reported on carcuss weight basis.

FAS, Dairy, Livestock and Poultry Division, (202) 720–1350. 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 7-74.—Meats and lard: Production and consumption, United States, 1989–1998 [1]

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	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*
1989	23,087	24,329	98.4	355	356	1.4	347	386	1.6
1990	22,743	24,031	96.1	327	325	1.3	363	397	1.6
1991	22,917	24,113	95.5	306	305	1.2	363	396	1.6
1992	23,086	24,261	95.0	310	312	1.2	348	388	1.5
1993	23,049	24,006	93.0	285	286	1.1	337	381	1.5
1994	24,386	25,125	96.4	293	290	1.1	308	345	1.3
1995	25,222	25,533	97.1	319	319	1.2	287	348	1.3
1996	25,525	25,863	97.4	378	378	1.4	268	334	1.3
1997 [2]	25,494	25,606	95.5	335	335	1.2	260	331	1.2
1998 [3]	25,081	25,946	95.9	271	272	1.0	231	308	1.1

Year	Pork			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	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*
1989	15,813	16,571	67.0	39,602	41,642	168.4	935	442	1.8
1990	15,354	16,031	64.1	38,787	40,784	163.2	919	468	1.9
1991	15,999	16,392	64.9	39,585	41,207	163.1	952	429	1.7
1992	17,233	17,461	68.4	40,977	42,422	166.1	1,025	425	1.7
1993	17,088	17,408	67.4	40,759	42,081	163.0	1,005	449	1.7
1994	17,696	17,811	68.3	42,683	43,571	167.2	1,034	599	2.3
1995	17,849	17,768	67.5	43,677	43,968	167.1	1,040	584	2.2
1996	17,117	16,795	63.2	43,288	43,370	163.3	43,370	606	2.3
1997 [2]	17,286	16,824	62.8	43,375	43,096	160.8	NA	NA	NA
1998 [3]	18,707	18,282	67.6	44,290	44,808	165.7	NA	NA	NA

[1] 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. Shipments to the U.S. territories are included in domestic consumption. [2] Preliminary. [3] Forecast. NA-not available.

ERS, Animal Products, (202) 694–5180.

Table 7-75.—Hides, packer: Average price per hundred pounds, Central U.S., 1988–97

Year	Steers					Heifers		
	Heavy native	Light native	Heavy Texas	Butt branded	Colorado branded	Heavy [1] native	Light [1] native	Branded [2]
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1988	87.99	89.56	85.66	81.88	79.20	86.50	96.89	85.60
1989	90.25	.....	83.16	79.83	75.64	83.16	90.00	74.73
1990	87.99	89.56	85.66	81.88	79.20	92.58	96.89	86.50
1991	77.47	.....	68.29	63.80	58.43	76.92	.....	70.00
1992	76.77	.....	56.62	70.03	65.13	81.71	.....	73.76
1993	79.51	.....	57.63	69.83	65.52	82.16	.....	74.09
1994	87.40	.....	66.07	81.14	77.66	94.99	.....	86.00
1995	88.05	.....	.....	82.32	77.98	93.89	.....	77.88
1996	87.62	.....	.....	79.75	73.72	92.15	.....	82.27
1997	87.66	.....	.....	80.03	77	90.99	.....	59.95

[1] Heifers. [2] Cows.

AMS, Livestock & Grain Market News, (202) 720–7316.

Table 7-76.—Hides and skins: United States imports and exports, 1987–96

Year	Imports				Exports			
	Calf and kip	Cattle and buffalo [1]	Goat and kid	Sheep and lamb [2]	Calf	Kip [5]	Cattle and buffalo [3]	Sheep and lamb [2]
	1,000 pieces	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*
1987	256	488	467	4,649	2,200	874	24,255	5,588
1988	460	679	296	6,159	2,043	791	26,432	2,476
1989	167	1,636	293	6,570	6,854	NA	26,825	3,616
1990	106	1,595	419	5,628	7,007	NA	24,441	4,000
1991	168	2,146	161	3,229	3,267	NA	21,283	4,503
1992	115	2,431	189	4,507	2,893	.....	19,098	4,825
1993	104	2,360	108	3,646	2,682	.....	18,226	3,618
1994	61	2,437	50	3,250	4,565	.....	17,911	3,686
1995	112	2,536	57	3,228	5,207	.....	20,044	3,528
1996 [4]	178	2,917	171	2,229	3,347	.....	20,289	2,998

[1] Excludes pieces of cattle hides reported in units of weight. [2] Includes cabretta and hair sheepskins. [3] 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. [4] Final. [5] Under the new harmonized system kip skin exports are included with calf skin exports. NA-not available.

FAS, Dairy, Livestock, and Poultry Division, (202) 720–1350. Compiled from reports of the U.S. Department of Commerce.

Table 7-77.—Hides and skins: United States imports by country of origin, 1994–96

Country of origin	1993	1994	1995	1996 [1]
	1,000 pieces	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*
Cattle and buffalo hides: [2]				
Canada	1,618	1,656	1,772	2,375
Mexico	258	391	423	128
Brazil	63	0	8	0
Argentina	2	5	9	0
Costa Rica	7	0	0	7
Thailand	20	14	12	15
Taiwan	55	0	0	0
Other countries	103	99	65	51
Total	2,126	2,165	2,289	2,577
Calf and kip:				
Canada	93	38	76	172
Other countries	12	23	36	7
Total	105	61	112	179
Goat and kid:				
Australia	11	5	1	4
Italy	12	0	0	0
Canada	7	15	14	7
Other countries	78	30	42	160
Total	108	50	57	171
Sheep and lambs: [3]				
Mexico	207	82	117	24
Yemen	96	72	0	36
Saudi Arabia	68	18	18	0
Ireland	77	19	0	0
Ethiopia	516	415	528	246
United Kingdom	957	947	425	298
South Africa	6	191	552	116
Australia	182	251	591	360
New Zealand	415	410	456	650
France	263	140	46	34
Argentina	0	0	8	0
Canada	247	293	286	320
Sudan	254	249	146	68
Nigeria	109	22	0	0
Other countries	249	141	55	76
Total	3,646	3,250	3,228	2,229

[1] Preliminary. [2] Excludes pieces of cattle hides reported in units of weight. [3] Includes cabretta and hair sheepskins; excludes pieces of sheep and lamb skins reported in pounds.

FAS, Dairy, Livestock, and Poultry Division, (202) 720–1350. Compiled from reports of the U.S. Department of Commerce.

Table 7-78.—Hides and skins: United States exports by country of destination, 1993–96

Country of destination	1993	1994	1995	1996 [1]
	1,000 pieces	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*
Cattle and buffalo hides: [2]				
Canada	956	995	951	1,149
Mexico	2,035	1,545	893	2,117
Germany	1	1	12	31
Italy	218	288	320	522
Spain	14	134	211	184
Portugal	79	168	111	64
Romania	1	72	63	171
Taiwan	1,908	2,491	3,015	2,867
Korea, Rep. of	7,851	7,472	8,282	7,956
Japan	4,167	3,132	3,245	2,372
Thailand	343	331	780	455
China	207	665	1,372	1,677
Hong Kong	328	474	609	498
Algeria	27	47	20	10
Netherlands	9	8	17	3
Other countries	82	88	143	214
Total	18,226	17,911	20,044	20,289
Sheep and lamb skins: [3]				
Sheep:				
Mexico	363	118	185	52
Turkey	1,197	1,527	1,116	1,321
Canada	111	203	298	375
Japan	474	417	411	71
Sheep and lamb skins [3]—Continued				
Germany	149	87	64	29
Italy	434	502	180	332
Korea	283	167	373	375
France	238	82	86	26
Other countries	369	583	815	416
Total	3,618	3,686	3,528	2,998
Calf and kip skins: [4]				
Canada	38	20	40	29
Mexico	146	192	83	153
Italy	827	1,138	1,154	1,548
Netherlands	191	242	301	165
Korea	1,134	2,055	2,188	165
Taiwan	35	226	37	94
Japan	131	448	849	573
Other countries	120	245	555	620
Total	2,622	4,566	5,207	3,347

[1] Final. [2] Excludes pieces of cattle hides reported in units of pounds. [3] 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. [4] Under the new harmonized system kip skin exports are included with calf skin exports.

FAS, Dairy, Livestock, and Poultry Division, (202) 720–1350. Compiled from reports of the U.S. Department of Commerce.

Table 7-79.—Mink farms, pelts produced and value of mink pelts, United States, 1987–96

Year	Mink farms	Pelts produced	Average marketing price	Value of mink pelts	Year	Mink farms	Pelts produced	Average marketing price	Value of mink pelts
	Number	*Thousand*	*Dollars*	*Million dollars*		*Number*	*Thousand*	*Dollars*	*Million dollars*
1987	1,027	4,122	43.00	177.2	1992	571	2,900	23.80	69.0
1988	1,027	4,453	32.30	143.8	1993	498	2,527	34.10	86.2
1989	940	4,604	20.40	93.9	1994	458	2,525	33.00	83.3
1990	771	3,366	25.50	85.8	1995	445	2,689	53.10	142.8
1991	683	3,268	21.90	71.6	1996 [1]	415	2,649	35.30	93.5

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-80.—Mink pelts: Number produced by color class, major States, and United States, 1996

State	Standard	Ranch wild	Demibuff [1]	Pastel	Pale brown	Sapphire	Gunmetal	Mahogany
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
ID	52,900	32,800	19,100	(*)	(*)	(*)	...	45,700
IL	50,900	...	...	...	...	...	...	(*)
IA	45,100	(*)	(*)	11,500	...	5,200	14,700	3,900
MI	30,000	...	400	1,600	...	3,400	1,600	12,700
MN	111,300	65,300	11,200	1,800	...	(*)	27,300	71,900
NY	9,100	(*)	500	1,100	(*)	(*)	800	4,100
OH	(*)	5,500	...	...	...	4,700	2,000	(*)
OR	78,000	(*)	...	(*)	...	8,400	110,000	(*)
PA	(*)	...	1,600	(*)	...	9,300	22,100	(*)
SD	(*)	31,000	(*)	(*)	...	...	...	37,500
UT	286,000	11,000	50,000	3,000	...	18,000	28,000	183,000
WA	68,000	(*)	(*)	...	...	(*)	33,000	(*)
WI	394,800	25,000	5,200	7,200	...	18,900	88,400	148,400
Other States	111,500	24,500	21,400	6,100	1,200	17,600	10,800	52,900
US	1,237,600	195,100	109,400	32,300	1,200	85,500	338,700	560,100

State	Pearl	Lavender Hope	Pink	Violet type	White	Miscellaneous and unclassified	Total pelts
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
ID	(*)	(*)	...	(*)	...	...	170,000
IL	(*)	...	...	...	(*)	(*)	56,700
IA	(*)	...	...	(*)	(*)	...	97,000
MI	1,700	...	...	1,200	3,800	600	57,000
MN	(*)	...	...	(*)	(*)	...	293,300
NY	200	...	200	400	...	1,600	20,100
OH	...	...	...	...	...	...	73,800
OR	...	...	...	(*)	...	...	208,000
PA	(*)	...	(*)	(*)	(*)	...	65,700
SD	(*)	...	...	...	...	...	94,100
UT	5,000	...	...	1,000	...	...	585,000
WA	...	...	...	...	...	...	117,000
WI	(*)	4,100	(*)	4,200	18,300	800	718,100
Other States	18,500	5,300	2,800	11,700	7,400	400	93,300
US	25,400	9,400	3,000	18,500	29,500	3,400	2,649,100

[1] Includes crosses of Dark brown, Violet, Pastel, Standard, Pearl or others. (*) Included in total to avoid disclosing individual operations.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-81.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1987–96

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total head	Condemned [1]	Total head	Condemned [1]	Total head	Condemned [1]	Total head	Condemned [1]	Total head	Condemned [1]	Total head	Condemned [1]
1987 ..	34,468	125.5	2,680	44.2	5,042	21.3	187	1.5	78,913	144.9	276	1.3
1988 ..	34,048	130.7	2,411	39.4	5,122	23.8	226	1.4	85,517	170.1	331	1.2
1989 ..	33,010	139.8	2,100	38.2	5,295	25.2	226	1.5	86,328	181.3	348	1.3
1990 ..	32,391	150.0	1,742	33.5	5,469	19.5	230	1.0	82,901	191.8	346	1.3
1991 [2]	31,911	144.6	1,460	28.0	5,488	15.6	212	1.0	84,227	196.4	293	.8
1992 [2]	32,033	150.4	1,375	23.3	5,386	19.9	225	1.4	91,820	205.2	263	1.0
1993 [2]	32,441	159.9	1,202	21.0	5,101	14.3	283	2.2	91,476	186.4	186	.7
1994 [2]	33,121	164.5	1,187	19.9	4,796	13.0	352	2.5	91,772	212.1	114	.5
1995 [2]	34,640	174.1	1,367	24.7	4,494	11.6	325	1.9	95,188	248.8	113	.5
1996 [2]	35,714	181.5	1,641	28.8	4,086	11.0	384	2.3	91,849	320.7	104	.6

[1] Condemnations include ante-mortem and post-mortem inspection. Condemnations are for the fiscal year ending September 30. Data reported by Food Safety and Inspection Service, USDA.
[2] Fiscal year ending September 30.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-82.—Livestock: Number and value, United States, Jan. 1, 1996–98

Class of livestock and poultry	Number			Value					
				Per head [2]			Total		
	1996	1997	1998 [1]	1996	1997	1998 [1]	1996	1997	1998 [1]
	Thousands	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Cattle	103,487	101,460	99,501	503.00	525.00	602.00	52,009,590	53,242,172	59,933,705
Hogs [3]	58,264	56,141	59,920	70.70	94.00	81.00	4,120,067	5,283,503	4,880,398
Sheep and lambs ..	8,461	7,937	7,616	86.50	96.00	102.00	732,197	761,650	776,311
Goats [4]	1,900	1,650	1,400	43.00	39.00	39.00	53,750	43,753	29,250
Total [5]	.....	.....	.....	.....	.....	.....	56,915,604	59,326,325	65,619,664
Chickens [3]	384,622	386,974	403,495	2.42	2.65	2.72	929,943	1,026,245	1,098,705
Total [6]	.....	.....	.....	.....	.....	.....	57,845,547	60,352,570	66,718,369

[1] Preliminary. [2] Based on reporters' estimates of average price per head in their localities. [3] Dec. 1 of preceding year. [4] Texas only. [5] Cattle, hogs, sheep, and goats. [6] Includes all cattle, hogs, sheep, goats, and chickens (excluding broilers and turkey breeder hens).

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-83.—Livestock: Average price per 100 pounds received by farmers, by States, 1995 and 1996

State	Cows [1]		Steers and heifers		Beef cattle [2]		Calves	
	1995	1996	1995	1996	1995	1996	1995	1996
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	35.90	28.90	57.80	46.40	51.40	41.30	59.70	49.20
AK	56.00	57.00	80.00	75.00	66.10	64.00	84.00	80.00
AZ	33.80	30.60	63.70	60.50	60.40	56.90	74.20	58.50
AR	37.20	31.30	61.60	54.00	49.20	42.90	58.40	42.50
CA	33.50	30.40	57.00	52.50	47.00	42.40	69.40	55.70
CO	36.90	32.60	66.60	63.80	64.70	61.80	75.20	60.70
CT	40.00	35.00	50.00	50.00	48.00	50.00	50.00	40.00
DE	38.60	34.50	49.80	43.70	45.40	40.10	66.80	54.10
FL	35.40	29.70	57.20	47.20	44.30	33.40	70.00	54.60
GA	35.40	28.80	56.50	46.30	42.30	34.20	66.30	49.20
HI	29.80	27.50	49.30	42.90	38.10	34.90	47.40	33.00
ID	34.70	29.80	62.10	56.90	55.30	50.10	66.00	54.60
IL	35.70	30.80	64.60	62.80	63.80	62.20	101.70	91.30
IN	37.90	33.60	65.00	63.60	56.20	53.20	65.90	51.80
IA	36.30	31.00	65.50	63.70	61.10	58.80	69.90	53.60
KS	39.10	30.70	65.80	63.10	65.00	62.20	75.90	58.90
KY	35.40	30.60	58.90	48.20	53.30	43.80	63.70	46.50
LA	34.40	28.60	55.60	47.00	41.40	34.70	62.50	49.30
ME	45.00	40.00	60.00	55.00	57.00	50.00	50.00	35.00
MD	38.60	34.50	49.80	43.70	45.40	40.10	66.80	54.10
MA	35.00	35.00	50.00	55.00	47.00	50.00	50.00	35.00
MI	37.00	31.50	58.50	54.60	52.00	49.80	69.30	51.60
MN	36.40	30.90	58.60	60.70	56.60	57.80	72.90	50.30
MS	36.00	27.60	56.00	46.10	46.00	36.80	61.20	45.80
MO	35.00	30.50	62.20	54.70	55.90	48.80	68.20	53.90
MT	37.90	33.20	66.70	59.00	59.80	53.80	69.50	62.20
NE	36.50	30.40	66.80	65.90	66.00	64.80	76.20	60.60
NV	34.90	35.10	60.80	50.00	54.20	46.30	69.10	56.10
NH	40.00	30.00	50.00	55.00	48.00	50.00	40.00	40.00
NJ	39.30	34.50	58.80	44.20	42.70	36.30	74.20	48.50
NM	37.80	35.00	62.10	52.50	52.40	45.90	68.80	52.80
NY	35.30	29.80	52.50	44.50	37.20	31.00	68.30	40.00
NC	35.80	30.50	65.80	62.10	50.10	45.40	63.90	48.10
ND	36.10	30.80	63.30	57.70	55.70	48.40	69.20	54.10
OH	33.30	29.20	62.50	59.20	59.70	56.00	70.40	46.50
OK	35.30	29.40	65.60	57.00	62.50	52.90	70.50	57.50
OR	34.80	31.50	59.50	52.30	52.10	46.00	66.40	52.70
PA	37.00	31.50	63.30	61.00	56.60	53.50	91.80	68.30
RI	35.00	35.00	50.00	55.00	47.00	50.00	50.00	40.00
SC	37.00	30.80	53.40	43.80	48.70	40.60	65.50	47.40
SD	36.20	29.50	66.10	63.70	61.60	56.40	68.70	62.60
TN	33.80	27.90	58.00	49.50	50.20	40.70	59.60	47.50
TX	33.70	27.90	64.70	61.30	62.20	58.30	71.80	54.70
UT	37.50	32.00	63.10	57.00	61.40	55.00	71.10	58.00
VT	35.00	35.00	50.00	45.00	47.00	40.00	50.00	30.00
VA	34.20	28.10	58.80	49.20	50.90	42.60	62.90	45.90
WA	34.80	31.00	63.90	57.70	59.60	53.40	66.90	56.90
WV	31.80	24.10	57.60	44.80	46.50	33.50	60.10	42.60
WI	36.60	32.30	60.50	56.80	46.70	42.80	108.00	93.70
WY	37.90	33.30	67.10	60.50	62.40	56.50	70.20	62.70
US	35.70	30.50	65.10	62.50	61.80	58.70	73.10	58.40

See footnotes at end of table.

Table 7-83.—Livestock: Average price per 100 pounds received by farmers, by States, 1995 and 1996—Continued

State	Hogs [3]		Lambs		Sheep	
	1995	1996	1995	1996	1995	1996
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	35.80	47.50	65.00	75.00	25.00	28.00
AK	55.00	52.50	85.00	90.00	50.00	55.00
AZ	40.60	52.00	79.00	87.00	29.00	35.00
AR	40.00	50.00	.....	.....	.....	.....
CA	39.70	52.00	79.20	89.40	24.80	26.70
CO	42.00	54.70	79.60	88.40	27.30	30.40
CT	37.00	47.00	115.00	115.00	37.00	40.00
DE	38.00	48.20	.....	.....	.....	.....
FL	34.20	45.10	.....	.....	.....	.....
GA	39.70	49.00	.....	.....	.....	.....
HI	80.20	81.30	.....	.....	.....	.....
ID	38.30	46.50	74.80	81.50	26.10	27.80
IL	38.90	50.50	65.70	84.00	26.20	25.00
IN	39.10	50.30	77.00	85.00	25.60	28.10
IA	41.40	53.40	77.60	87.30	26.70	27.80
KS	38.90	50.70	80.20	88.90	27.30	26.00
KY	39.40	51.40	72.00	80.00	26.00	26.00
LA	35.50	46.00	77.00	86.00	31.00	33.00
ME	37.00	47.00	100.00	110.00	45.00	45.00
MD	38.00	48.20	82.80	90.70	32.50	35.90
MA	37.00	47.00	115.00	115.00	41.00	41.00
MI	39.70	51.40	79.50	86.50	22.60	25.00
MN	41.90	53.20	75.30	85.70	23.50	25.80
MS	40.10	51.70	.....	.....	.....	.....
MO	39.10	50.40	71.50	86.50	21.70	26.30
MT	39.10	49.70	81.40	91.10	26.80	31.20
NE	42.00	53.80	80.10	88.80	26.80	28.70
NV	38.20	51.10	77.00	85.00	20.50	25.50
NH	37.00	47.00	105.00	105.00	33.00	35.00
NJ	34.10	46.80	83.20	86.70	34.90	40.00
NM	40.90	50.30	77.20	89.00	28.00	34.40
NY	36.90	43.20	89.60	89.60	31.40	30.10
NC	41.80	52.80	68.30	85.00	28.40	33.00
ND	35.30	45.30	75.90	86.70	23.90	22.90
OH	40.30	51.60	77.90	86.30	28.70	27.50
OK	38.60	50.60	75.00	87.00	34.00	34.00
OR	44.40	56.80	72.30	83.10	23.30	22.40
PA	38.00	49.50	77.50	89.40	31.50	34.50
RI	37.00	47.00	.....	.....	.....	.....
SC	38.30	48.30	.....	.....	.....	.....
SD	41.70	52.40	80.20	93.80	27.60	29.70
TN	38.10	48.90	81.50	89.10	28.70	30.00
TX	35.50	45.90	78.50	87.80	33.40	34.20
UT	33.80	54.00	77.00	85.90	21.00	23.90
VT	37.00	47.00	95.00	100.00	36.00	36.00
VA	41.20	52.20	80.80	90.50	26.80	28.50
WA	40.80	51.20	70.80	80.00	23.40	23.40
WV	33.60	43.90	76.20	81.00	22.70	22.50
WI	38.30	49.40	76.10	84.10	23.50	25.70
WY	40.40	50.10	80.20	90.20	25.90	29.40
US	40.50	51.90	78.20	88.20	28.00	29.90

[1] Includes cull dairy cows sold for slaughter, but not cows for dairy herd replacement. [2] Weighted average of prices for cows, and for steers and heifers. [3] December of preceding year through November.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 7-84.—Frozen meat: Cold storage holdings, end of month, United States, 1996 and 1997

Month	Boneless beef		Beef cuts		Total beef	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	333,919	265,480	33,971	24,817	367,890	290,297
February	329,194	239,857	33,421	21,839	362,615	261,696
March	314,861	268,243	32,423	22,178	347,284	290,421
April	303,443	259,405	32,112	26,043	335,555	285,448
May	278,366	254,868	29,006	23,870	307,372	278,738
June	277,125	281,549	29,558	24,018	306,683	305,567
July	263,018	274,516	28,118	28,271	291,136	302,787
August	276,039	294,138	29,162	30,419	305,201	324,557
September	284,208	319,679	27,971	29,406	312,179	349,085
October	266,251	318,174	29,692	33,382	295,943	351,556
November	259,539	346,963	28,484	31,197	288,023	378,160
December	256,625	318,342	28,317	31,818	284,942	350,160

Month	Picnics		Bellies		Butts	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	6,702	6,594	46,498	38,030	10,374	8,246
February	9,001	9,010	46,381	44,277	9,940	9,177
March	9,249	7,180	47,655	54,767	9,729	11,123
April	9,407	7,353	57,174	54,015	8,895	11,563
May	8,601	7,782	63,522	55,274	6,456	8,001
June	7,254	7,937	56,767	52,274	4,602	6,624
July	6,536	8,890	28,533	33,657	3,979	4,833
August	5,972	9,986	18,996	18,346	3,918	4,069
September	6,156	11,466	12,702	11,148	5,603	4,463
October	7,094	13,786	16,206	14,408	5,403	6,906
November	5,257	10,940	30,943	25,365	4,977	7,829
December	4,595	7,453	37,930	44,763	5,941	9,920

Month	Hams					
	Bone-in		Boneless		Total	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	30,314	25,726	29,146	21,559	59,460	47,285
February	29,621	26,796	25,246	25,862	54,867	52,658
March	18,454	26,160	17,279	29,635	35,733	55,795
April	33,145	43,204	28,497	42,549	61,642	85,753
May	49,530	54,261	30,272	46,853	79,802	101,114
June	53,062	60,505	26,772	46,250	79,834	106,755
July	50,767	65,741	28,147	47,460	78,914	113,201
August	53,163	64,394	30,274	49,091	83,437	113,485
September	62,260	59,928	31,907	41,349	94,167	101,277
October	53,844	50,207	26,568	38,582	80,412	88,789
November	32,918	32,284	15,827	29,047	48,745	61,331
December	18,537	25,008	14,969	21,312	33,506	46,320

Month	Loins					
	Bone-in		Boneless		Total	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	8,587	9,184	11,851	10,431	20,438	19,615
February	9,535	10,728	9,676	9,484	19,211	20,212
March	8,907	11,562	8,622	9,704	17,529	21,266
April	7,523	15,415	8,670	10,297	16,193	25,712
May	6,142	13,876	5,415	8,957	11,557	22,833
June	6,630	8,963	5,297	10,905	11,927	19,868
July	6,304	8,966	5,980	7,758	12,284	16,724
August	6,460	7,408	6,311	7,218	12,771	14,626
September	5,417	6,482	7,937	8,861	13,354	15,343
October	6,776	7,738	6,283	9,870	13,059	17,608
November	9,199	12,671	7,664	10,534	16,863	23,205
December	8,968	10,643	9,246	11,581	18,214	22,224

See end of table.

Table 7-84.—Frozen meat: Cold storage holdings, end of month, United States, 1996 and 1997—Continued

Month	Ribs		Trimmings		Other frozen pork	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	63,575	72,938	49,447	34,557	89,307	79,128
February	61,595	70,438	53,277	46,697	86,274	92,958
March	63,359	68,526	40,404	52,436	79,182	92,957
April	62,252	62,646	35,743	52,642	81,794	96,181
May	51,978	45,672	31,215	46,951	77,428	81,377
June	36,963	30,844	28,158	45,061	76,654	89,853
July	35,322	29,888	27,747	45,855	81,192	79,338
August	29,014	23,448	33,976	42,444	83,743	83,755
September	34,080	31,241	33,915	41,099	86,806	72,753
October	40,654	39,370	30,632	37,950	79,440	80,229
November	54,980	47,797	31,265	41,107	76,818	73,738
December	71,234	55,610	32,696	51,609	70,994	70,671

Month	Variety meats		Unclassified pork		Total pork	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	26,666	21,114	9,754	14,661	382,221	342,168
February	32,904	24,051	12,082	14,400	385,532	383,878
March	33,326	23,539	16,692	17,126	352,858	404,715
April	34,684	26,808	17,710	17,575	385,494	440,248
May	34,347	28,043	16,419	16,305	381,325	413,352
June	32,701	31,502	16,977	15,484	351,837	406,202
July	33,028	43,751	15,125	12,530	322,660	388,667
August	35,383	49,960	15,657	11,631	322,867	371,750
September	37,403	45,260	16,082	12,587	340,268	346,637
October	41,570	42,413	18,877	12,776	333,347	354,235
November	30,560	30,809	15,979	11,979	316,387	334,100
December	24,403	24,508	14,310	13,312	313,823	346,390

Month	Veal		Lamb & mutton		Canned hams	
	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	7,172	7,162	9,794	9,473	10,965	5,927
February	6,506	6,624	13,017	9,862	12,388	6,755
March	6,603	6,270	12,247	11,163	9,241	6,274
April	6,164	5,515	13,649	13,027	6,635	6,835
May	5,092	3,986	12,187	15,220	9,274	7,031
June	5,269	4,478	13,726	16,594	9,537	8,665
July	5,587	5,045	13,164	18,535	9,649	9,696
August	6,938	5,117	14,645	19,383	7,201	9,266
September	6,493	5,871	11,249	16,119	7,362	8,457
October	6,774	6,532	10,494	16,894	8,032	8,768
November	6,528	6,587	9,788	16,534	5,524	4,879
December	7,273	8,018	8,899	13,741	5,336	3,468

Month	Other canned meat		Total red meat	
	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	1,448	879	779,490	655,906
February	1,523	1,055	781,581	669,870
March	1,036	691	729,269	719,534
April	1,115	1,420	748,612	752,493
May	965	1,348	716,215	719,675
June	836	1,367	687,888	742,873
July	524	1,567	642,720	726,297
August	580	1,413	657,432	731,486
September	820	1,994	678,371	728,163
October	882	1,073	655,472	739,058
November	882	765	627,132	741,025
December	980	574	621,253	722,351

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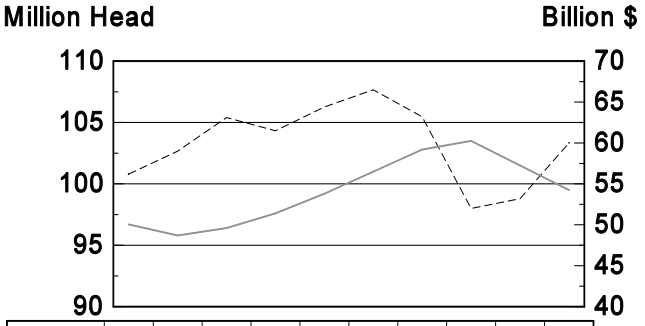
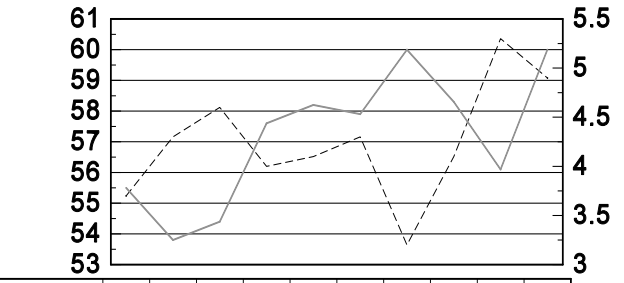
Cattle & Calves Inventory & Value Jan. 1, 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Value --	56.2	59.0	63.1	61.5	64.4	66.5	63.2	52.0	53.2	60.0
Inventory—	96.7	95.8	96.4	97.6	99.2	101.0	102.8	103.5	101.5	99.5

NASS Table 7-1

Hog & Pig Inventory & Value Dec. 1, 1988-97



Year	88	89	90	91	92	93	94	95	96	97
Value --	3.7	4.3	4.6	4.0	4.1	4.3	3.2	4.1	5.3	4.9
Inventory—	55.5	53.8	54.4	57.6	58.2	57.9	60.0	58.3	56.1	60.0

NASS Table 7-26

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.7

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 8-1.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1989–98

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	Thousands	*Thousands*
1989	10,138	4,117
1990	10,015	4,171
1991	9,966	4,093
1992	9,728	4,131
1993	9,658	4,176
1994	9,528	4,144
1995	9,487	4,141
1996	9,416	4,104
1997	9,309	4,057
1998 [1]	9,191	3,982

[1] Preliminary.

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Table 8-2.—Milk cow rations: Quantities and value of concentrates fed, by States, 1995 and 1996

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			
	1995	1996	1995	1996	1995	1996
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Dollars*	*Dollars*
AL	6,950	6,780	49	50	8.56	10.12
AK	7,140	7,090	42	42	13.80	14.18
AZ	8,220	7,620	42	37	7.78	8.75
AR	6,710	6,630	55	55	8.79	9.68
CA	7,480	7,360	37	36	7.96	8.92
CO	8,040	7,780	43	40	7.18	8.86
CT	6,250	6,300	38	38	9.01	10.95
DE	5,950	5,500	41	38	8.92	9.44
FL	8,970	9,230	61	60	7.43	8.18
GA	8,710	8,430	56	55	7.92	9.54
ID	8,170	8,510	45	46	7.16	8.20
IL	6,090	6,060	41	40	8.10	9.40
IN	6,300	6,190	41	40	7.79	9.26
IA	6,290	5,970	39	39	7.06	8.72
KS	7,050	7,020	49	48	7.52	9.38
KY	5,990	5,960	48	49	8.76	10.23
LA	6,760	6,980	59	65	8.35	10.06
ME	5,930	5,830	37	36	9.09	11.02
MD	5,600	5,510	38	36	8.76	9.76
MA	5,760	5,660	36	35	9.05	10.88
MI	6,490	6,790	38	40	7.24	8.29
MN	6,440	6,310	41	40	7.58	9.06
MS	6,450	6,610	50	51	8.28	9.46
MO	6,940	6,680	49	49	7.91	9.04
MT	6,150	6,290	41	41	7.33	8.54
NE	6,210	6,090	42	40	7.38	8.32
NV	7,430	7,710	41	41	8.18	9.69
NH	6,030	5,970	37	35	8.94	10.86
NJ	5,430	5,400	39	40	8.69	11.51
NM	9,480	9,800	50	51	6.62	7.88
NY	5,610	5,420	34	33	9.24	10.92
NC	6,690	6,680	41	42	9.04	10.54
ND	6,020	5,970	46	46	6.20	7.22
OH	6,370	6,290	40	41	8.30	9.60
OK	7,250	7,120	54	55	8.12	9.44
OR	7,260	6,920	42	40	9.05	9.82
PA	5,940	6,280	36	38	9.33	10.46
RI	5,610	5,460	38	35	9.11	10.72
SC	6,950	7,620	48	52	8.03	9.33
SD	6,160	6,050	46	46	6.67	7.92
TN	6,230	6,130	45	44	9.10	10.76
TX	8,080	8,150	53	53	7.32	9.38
UT	6,530	6,290	39	37	7.78	9.19
VT	5,840	5,810	36	35	9.01	10.89
VA	5,900	5,730	39	40	8.83	10.16
WA	7,570	7,400	38	37	8.18	9.36
WV	5,450	5,170	43	41	9.12	10.42
WI	6,470	6,640	42	43	6.98	8.21
WY	4,650	4,780	33	34	6.84	7.91
US	6,771	6,777	41.2	41.1	7.88	9.17

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Table 8-3.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1997 and 1998

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1997	1998 [1]	1997	1998 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*
AL	31	28	11	10
AK	0.9	0.9	0.3	0.3
AZ	120	125	20	26
AR	56	55	20	20
CA	1,300	1,350	610	610
CO	84	84	45	45
CT	29	31	13	13
DE	10	11	2.4	2.6
FL	158	160	40	40
GA	98	96	37	37
HI	10	9	5	4
ID	268	280	115	125
IL	150	145	70	75
IN	140	140	67	67
IA	248	240	100	95
KS	81	79	45	40
KY	150	140	55	50
LA	78	76	19	18
ME	39	39	22	19
MD	85	86	34	31
MA	26	25	9	10
MI	310	298	145	135
MN	595	570	330	295
MS	48	44	19	19
MO	175	160	75	75
MT	20	18	7	8
NE	68	70	25	30
NV	26	26	10	10
NH	18	18	7.0	7.0
NJ	21	19	8	8
NM	197	208	45	45
NY	700	700	330	340
NC	78	75	34	30
ND	60	48	20	20
OH	285	270	130	125
OK	95	95	40	40
OR	93	88	45	45
PA	643	638	285	280
RI	2.0	2.0	0.9	1.0
SC	26	25	10	9
SD	110	101	30	25
TN	115	105	55	55
TX	390	380	100	100
UT	90	90	45	50
VT	156	159	56	61
VA	125	120	60	55
WA	266	260	96	88
WV	19	18	8	7
WI	1,410	1,380	700	680
WY	6	6	1	1
US	9,308.9	9,190.9	4,056.6	3,981.9

[1] Preliminary.

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Table 8-4.—Dairy product-feed price ratios: All milk-price; dairy feed, 16%; Milk-feed price ratios and value per 100 pounds of grain and concentrate rations fed to milk cows, United States, annual 1987–96

Year	All milk price cwt.	16% dairy feed price cwt [1]	Milk-feed price ratio [2]	Value per 100 pounds of grain and concentrates fed to milk cows
	Dollars	*Dollars*	*Pounds*	*Dollars*
1987	12.54	7.70	3.64	6.80
1988	12.26	9.10	2.63	7.74
1989	13.56	9.45	2.70	8.20
1990	13.74	9.10	2.82	7.98
1991	12.27	8.80	2.74	7.73
1992	13.15	8.90	3.01	7.69
1993	12.84	9.00	2.80	7.78
1994	13.01	9.20	2.65	7.98
1995	12.78	8.70	2.59	7.88
1996	14.75	11.25	2.45	9.17

[1] Annual average prior to 1995. April average price for commercially prepared 16% dairy ration. [2] Annual ratios based on average of monthly ratios. Pounds of 16 % mixed dairy feed equal in value to one pound of whole milk. Effective January 1995, prices of commercial prepared feeds are based on current U.S. prices received for corn (51 lbs), soybeans (8 lbs), and alfalfa hay (41 lbs).

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Table 8-5.—Milk cows: Number of operations, 1996–97, and inventory, Jan. 1, 1997–98, by selected States and United States [1]

State	Operations with milk cows [2]		January 1 milk cow inventory	
	1996	1997	1997	1998
	Number	*Number*	*1,000 head*	*1,000 head*
CA	2,900	2,800	1,300	1,350
FL	600	600	158	160
ID	1,400	1,300	268	280
IL	2,100	1,900	150	145
IN	3,600	3,200	140	140
IA	4,800	4,300	248	240
KY	3,600	3,200	150	140
MD	1,100	1,000	85	86
MI	4,400	4,100	310	298
MN	11,000	10,000	595	570
MO	4,000	3,600	175	160
NM	700	500	197	208
NY	9,200	8,600	700	700
NC	1,200	1,100	78	75
OH	6,500	6,000	285	270
PA	11,500	11,200	643	638
TN	1,500	1,400	115	105
TX	3,000	2,500	390	380
VT	2,100	2,000	156	159
VA	1,700	1,600	125	120
WA	1,700	1,400	266	260
WI	27,000	25,000	1,410	1,380
Other States	21,200	19,380	1,364.9	1,326.9
US	126,800	116,680	9,308.9	9,190.9

[1] An operation is any place having one or more milk cows on hand at any time during the year [2] Included in operations with cattle.

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Table 8-6.—Milk cows: Number of operations by size group, selected States, and United States, 1997–98 [1]

State	Operations having									
	1–29 Head		30–49 Head		50–99 Head		100–199 Head		200+ Head	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
AZ	190	180	0	0	0	0	10	10	100	100
CA	570	500	100	90	130	120	300	290	1,800	1,800
CO	630	610	30	40	50	50	70	70	120	130
FL	340	350	10	10	30	30	40	40	180	170
GA	300	230	20	20	140	130	200	190	140	130
ID	430	350	150	130	280	250	250	250	290	320
IL	430	330	420	430	880	780	330	320	40	40
IN	2,100	1,700	500	500	700	700	250	250	50	50
IA	1,300	1,010	1,300	1,200	1,650	1,500	480	520	70	70
KY	1,500	1,300	730	650	990	900	330	300	50	50
MD	190	160	130	130	480	440	240	220	60	50
MI	1,100	1,000	900	850	1,300	1,200	880	830	220	220
MN	2,100	1,700	4,100	3,600	3,800	3,600	830	850	170	250
MO	1,800	1,500	700	680	900	800	540	560	60	60
NM	550	340	0	0	10	10	10	10	130	140
NY	1,800	1,700	2,000	2,000	3,700	3,300	1,300	1,200	400	400
NC	570	520	60	60	210	200	260	230	100	90
OH	3,800	3,200	800	800	1,400	1,400	400	500	100	100
OR	530	370	50	20	150	140	210	210	160	160
PA	2,600	2,300	3,800	3,800	3,900	3,800	1,000	1,100	200	200
TN	300	260	290	240	540	520	300	300	70	80
TX	1,200	800	100	100	400	300	700	600	600	700
UT	300	320	70	70	190	170	210	210	130	130
VT	150	150	450	400	1,000	950	350	350	150	150
VA	550	500	130	110	520	500	400	390	100	100
WA	750	540	70	70	180	120	320	300	380	370
WI	5,000	4,600	9,500	8,500	9,600	8,900	2,530	2,550	370	450
Oth Sts	8,700	6,900	2,000	1,800	3,800	4,000	2,000	2,250	700	740
US	39,780	33,420	28,410	26,300	36,930	34,810	14,740	14,900	6,940	7,250

[1] An operation is any place having one or more head of milk cows on hand at any time during the year.
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Table 8-7.—Milk cows: Percent of inventory by size group, selected States, and United States, 1996–97 [1]

State	Inventory on operations having									
	1–29 head		30–49 head		50–99 head		100–199 head		200+ head	
	1996	1997	1996	1997	1996	1997	1996	1997	1996	1997
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
AZ	0.2	0.2	.....	.....	.....	.....	0.8	0.8	99.0	99.0
CA	0.1	0.1	0.3	0.3	0.8	0.8	3.8	3.8	95.0	95.0
CO	2.4	1.5	1.5	2.0	5.1	5.0	13.0	14.5	78.0	77.0
FL	0.3	0.3	0.2	0.2	1.5	1.5	3.0	3.0	95.0	95.0
GA	1.1	1.0	0.9	1.0	11.0	10.0	30.0	29.0	57.0	59.0
ID	1.0	0.7	2.3	1.9	7.2	5.9	13.5	12.5	76.0	79.0
IL	3.0	2.0	11.0	11.0	49.0	47.0	28.0	30.0	9.0	10.0
IN	13.0	14.0	15.0	16.0	36.0	35.0	24.0	22.0	12.0	13.0
IA	8.0	6.5	19.0	19.0	43.0	40.0	23.0	26.0	7.0	8.5
KY	8.5	7.0	17.0	16.0	42.0	41.0	25.0	27.0	7.5	9.0
MD	2.7	2.7	5.3	5.3	36.0	37.0	35.0	35.0	21.0	20.0
MI	5.0	4.0	11.0	10.0	28.0	27.0	35.0	35.0	21.0	24.0
MN	7.0	6.0	26.0	23.0	41.0	41.0	17.0	17.0	9.0	13.0
MO	9.0	8.0	15.0	15.0	33.0	32.0	34.0	36.0	9.0	9.0
NM	0.9	0.7	.....	.....	0.4	0.4	0.7	0.9	98.0	98.0
NY	2.7	2.6	11.3	11.4	37.0	35.0	28.0	28.0	21.0	23.0
NC	1.5	1.5	2.5	2.5	17.0	16.0	41.0	41.0	38.0	39.0
OH	13.0	12.0	13.0	13.0	40.0	41.0	22.0	23.0	12.0	11.0
OR	2.0	2.0	2.0	1.0	13.0	12.0	31.0	30.0	52.0	55.0
PA	6.0	5.0	23.0	22.0	41.0	41.0	20.0	22.0	10.0	10.0
TN	3.5	2.5	9.5	7.5	33.0	33.0	37.0	36.0	17.0	21.0
TX	1.2	0.9	1.0	1.1	7.8	7.0	24.0	23.0	66.0	68.0
UT	1.3	1.3	2.7	2.7	16.0	14.0	31.0	31.0	49.0	51.0
VT	1.0	1.0	11.0	9.0	39.0	39.0	24.0	25.0	25.0	26.0
VA	3.0	3.0	4.0	4.0	30.0	29.0	40.0	40.0	23.0	24.0
WA	0.9	0.7	1.1	1.0	5.0	3.3	20.0	19.0	73.0	76.0
WI	5.1	4.5	26.0	25.0	41.0	40.0	21.0	22.0	6.9	8.5
Oth Sts	4.0	3.5	9.0	8.5	31.0	31.0	23.0	23.0	33.0	34.0
US	4.0	3.5	12.0	11.5	27.0	26.0	20.0	20.0	37.0	39.0

[1] Percents reflect average distribution of various probability surveys conducted during the year but are primarily on beginning-of-year and mid-year surveys.

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Table 8-8.—Official National Cooperative Dairy Herd Improvement Program test plans: Numbers of herds and cows and milk, fat, and protein production, United States, 1987–96

Year	Herds	Cows	Cows per herd	Average production			Cows with protein information	Average protein production	Average protein production
				Milk	Fat	Fat			
	Number	*Number*	*Number*	*Pounds*	*Percent*	*Pounds*	*Percent*	*Percent*	*Pounds*
1987	34,413	3,160,551	91.8	17,008	3.68	625	86	3.22	541
1988	34,020	3,168,186	93.1	17,379	3.68	640	88	3.22	555
1989	33,528	3,212,684	95.8	17,612	3.70	652	89	3.22	563
1990	33,263	3,252,990	97.8	18,031	3.67	662	90	3.23	578
1991	31,500	3,146,448	99.9	18,364	3.68	676	91	3.22	588
1992	30,216	3,137,741	103.8	18,750	3.70	695	91	3.22	602
1993	35,484	3,625,542	102.2	18,719	3.68	690	90	3.22	602
1994	33,844	3,620,652	107.0	19,129	3.67	705	90	3.23	616
1995	31,628	3,527,187	111.5	19,271	3.67	710	90	3.22	621
1996	29,416	3,486,010	118.5	19,192	3.70	713	90	3.23	620

ARS, Animal Improvement Programs Laboratory, (301) 504–8334, rlaipl@ggpl.arsusda.gov.

Table 8-9.—Cattle: Tuberculin tests in cooperation with States, 1987–96

Year	Tuberculin tests						Infected and exposed [1] herds (fiscal year)
	Herds and lots	Cattle	Reactors reported				
			Herds and lots	Herds and lots	Cattle	Cattle	
	Number	*Number*	*Number*	*Percent*	*Number*	*Percent*	*Number*
1987	52,659	1,361,793	29	.06	99	.01	17
1988	80,211	1,918,837	97	.12	457	.02	9
1989	72,091	1,580,438	24	.03	404	.03	13
1990	66,319	1,490,866	51	.08	221	.01	19
1991	56,846	1,309,026	30	.05	305	.02	16
1992	58,891	1,326,911	108	.18	353	.03	16
1993	53,711	1,237,887	24	.04	430	.03	12
1994	53,825	1,355,156	68	.13	788	.06	2
1995	.....	.....	45	.....	.....	.....	.....
1996	.....						

[1] All methods of surveillance and detection.

APHIS, Veterinary Services, (301) 436–8711.

Table 8-10.—Cattle: Brucellosis work in cooperation with States, 1986–95

Year	Milk ring tests [1]			Market cattle blood tests		
	Herd tests	Suspicious	herd tests	Cattle tested	Reactor	cattle
	Number	*Number*	*Percent*	*Number*	*Number*	*Percent*
1986	820,301	2,975	.4	13,505,732	33,835	.3
1987	695,948	2,422	.3	13,051,618	36,145	.3
1988	588,959	1,955	.3	12,290,294	24,946	.2
1989	634,692	1,980	.3	11,411,391	17,625	.2
1990	470,630	1,089	.2	11,526,196	14,799	.1
1991	392,226	1,422	.4	11,239,835	9,748	.1
1992	294,051	1,889	.6	10,997,164	8,309	.0
1993	242,135	1,255	.5	12,180,802	14,455	.1
1994	222,635	657	.3	9,900,000	13,000	.1
1995	.....	.....	.....	9,700,000	.....	.....

Year	Cattle blood tested on farm or ranch [2]						Adjusted cattle infection rate [3]	Calves vaccinated
	Herd or lot tests	Infected herds or lots		Cattle tested	Reactor cattle			
	Number	*Number*	*Percent*	*Number*	*Number*	*Percent*	*Percent*	*Number*
1986	167,671	9,343	5.6	4,628,755	46,558	1.0	.3	8,704,296
1987	145,058	.....	.....	.....	.....	.....	.....	9,479,496
1988	142,263	.....	.....	.....	.....	.....	.....	8,556,000
1989	.....	.....	.....	.....	.....	.....	.....	4,666,162
1990	.....	1,212	.....	3,524,182	9,384	.3	.....	8,761,441
1991	.....	1,106	.....	3,409,972	7,898	.2	.....	9,044,724
1992	107,826	714	.....	2,868,661	4,460	.....	.....	8,447,172
1993	104,755	567	.....	3,246,658	2,993	.....	.....	7,080,343
1994	119,715	526	.....	3,180,464	6,598	.....	.....	6,900,000
1995	.....	.....	.....	.....	.....	.....	.....	5,500,000
1996	.....							

[1] Represents multiple milk ring tests each year for the commercial dairy herd. [2] Includes the proportion of herds tested each year because of suspicious milk ring or market cattle test results. [3] 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 and Market Cattle Identification programs.

APHIS, Animal and Plant Health Inspection Service, (301) 436–8711.

Table 8-11.—Milk and milkfat production: Number of producing cows, production per cow, and total quantity produced, United States, 1987–96

Year	Number of milk cows [1]	Production of milk and milkfat [2]				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	*Pounds*	*Pounds*	*Percent*	*Million pounds*	*Million pounds*
1987	10,327	13,819	505	3.65	142,709	5,213
1988	10,224	14,185	521	3.67	145,034	5,329
1989	10,046	14,323	528	3.68	143,893	5,302
1990	9,993	14,782	539	3.65	147,721	5,390
1991	9,826	15,031	550	3.66	147,697	5,405
1992	9,688	15,570	573	3.68	150,582	5,550
1993	9,589	15,704	575	3.66	150,582	5,514
1994	9,500	16,175	592	3.66	153,664	5,624
1995	9,458	16,433	601	3.66	155,425	5,686
1996 [3]	9,351	16,505	609	3.69	154,331	5,691

[1] Average number during year, excluding heifers not yet fresh. [2] Excludes milk sucked by calves. [3] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-12.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 1995

State	Number of milk cows [1]	Production of milk and milkfat [2]				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	*Pounds*	*Pounds*	*Percent*	*Million pounds*	*Million pounds*
AL	34	14,176	498	3.51	482	16.9
AK	.7	17,000	587	3.45	11.9	.4
AZ	114	19,561	708	3.62	2,230	80.7
AR	60	12,200	433	3.55	732	26.0
CA	1,254	20,211	736	3.64	25,344	922.5
CO	83	18,687	676	3.62	1,551	56.1
CT	32	16,438	592	3.60	526	18.9
DE	10	14,500	537	3.70	145	5.4
FL	162	14,698	511	3.48	2,381	82.9
GA	100	15,550	555	3.57	1,555	55.5
HI	10.4	13,654	464	3.40	142	4.8
ID	232	18,147	651	3.59	4,210	151.1
IL	161	14,857	553	3.72	2,392	89.0
IN	144	15,375	572	3.72	2,214	82.4
IA	251	16,135	595	3.69	4,050	149.4
KS	82	14,390	522	3.63	1,180	42.8
KY	162	12,469	449	3.60	2,020	72.7
LA	79	11,456	402	3.51	905	31.8
ME	40	16,025	577	3.60	641	23.1
MD	91	14,725	545	3.70	1,340	49.6
MA	28	16,000	594	3.71	448	16.6
MI	326	17,071	625	3.66	5,565	203.7
MN	599	15,708	583	3.71	9,409	349.1
MS	55	12,909	456	3.53	710	25.1
MO	190	14,158	514	3.63	2,690	97.6
MT	21	15,000	536	3.57	315	11.2
NE	74	14,797	548	3.70	1,095	40.5
NV	23.5	18,128	653	3.60	426	15.3
NH	20	16,300	600	3.68	326	12.0
NJ	23	13,913	504	3.62	320	11.6
NM	191	18,969	675	3.56	3,623	129.0
NY	703	16,501	602	3.65	11,600	423.4
NC	86	16,314	587	3.60	1,403	50.5
ND	64	13,094	479	3.66	838	30.7
OH	289	15,917	592	3.72	4,600	171.1
OK	97	13,433	484	3.60	1,303	46.9
OR	97	17,289	628	3.63	1,677	60.9
PA	642	16,511	606	3.67	10,600	389.0
RI	2.2	14,773	520	3.52	32.5	1.1
SC	27	14,481	521	3.60	391	14.1
SD	118	13,398	494	3.69	1,581	58.3
TN	126	13,849	497	3.59	1,745	62.6
TX	401	15,244	544	3.57	6,113	218.2
UT	88	16,739	604	3.61	1,473	53.2
VT	157	16,210	600	3.70	2,545	94.2
VA	129	15,116	543	3.59	1,950	70.0
WA	266	19,932	724	3.63	5,302	192.5
WV	21	12,667	467	3.69	266	9.8
WI	1,490	15,397	579	3.76	22,942	862.6
WY	6	14,100	519	3.68	84.6	3.1
US [3]	9,458	16,433	601	3.66	155,425	5,686.1

[1] Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding. [2] Excludes milk sucked by calves. [3] Sum of parts may not equal due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-13.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 1996 (preliminary)

State	Number of milk cows [1]	Production of milk and milkfat [2]				
		Per milk cow		Percentage of fat in all milk produced	Total	
		Milk	Milkfat		Milk	Milkfat
	Thousands	*Pounds*	*Pounds*	*Percent*	*Million pounds*	*Million pounds*
AL	32	13,563	484	3.57	434	15.5
AK	.8	16,875	587	3.48	13.5	.5
AZ	120	20,608	740	3.59	2,473	88.8
AR	57	12,053	434	3.60	687	24.7
CA	1,264	20,458	749	3.66	25,859	946.4
CO	84	19,440	710	3.65	1,633	59.6
CT	30	16,567	608	3.67	497	18.2
DE	9.6	14,479	539	3.72	139	5.2
FL	156	15,391	551	3.58	2,401	86.0
GA	97	15,320	552	3.60	1,486	53.5
HI	9.4	13,723	472	3.44	129	4.4
ID	256	18,496	670	3.62	4,735	171.4
IL	154	15,162	572	3.77	2,335	88.0
IN	140	15,471	577	3.73	2,166	80.8
IA	250	15,304	571	3.73	3,826	142.7
KS	82	14,634	536	3.66	1,200	43.9
KY	153	12,157	440	3.62	1,860	67.3
LA	78	10,744	376	3.50	838	29.3
ME	40	16,200	595	3.67	648	23.8
MD	86	15,314	570	3.72	1,317	49.0
MA	27	16,185	605	3.74	437	16.3
MI	320	16,969	626	3.69	5,430	200.4
MN	598	15,786	590	3.74	9,440	353.1
MS	51	12,961	460	3.55	661	23.5
MO	179	13,631	496	3.64	2,440	88.8
MT	20	15,350	550	3.58	307	11.0
NE	69	15,217	568	3.73	1,050	39.2
NV	25	18,800	675	3.59	470	16.9
NH	19	17,053	636	3.73	324	12.1
NJ	22	13,500	495	3.67	297	10.9
NM	195	19,221	682	3.55	3,748	133.1
NY	702	16,423	608	3.70	11,529	426.6
NC	81	15,901	584	3.67	1,288	47.3
ND	62	12,968	479	3.69	804	29.7
OH	285	15,333	573	3.74	4,370	163.4
OK	97	12,938	468	3.62	1,255	45.4
OR	93	17,290	629	3.64	1,608	58.5
PA	644	16,522	613	3.71	10,640	394.7
RI	2	15,600	554	3.55	31.2	1.1
SC	26	14,654	539	3.68	381	14.0
SD	112	13,161	491	3.73	1,474	55.0
TN	116	13,940	503	3.61	1,617	58.4
TX	398	15,377	550	3.58	6,120	219.1
UT	91	17,000	617	3.63	1,547	56.2
VT	156	16,603	621	3.74	2,590	96.9
VA	126	14,325	520	3.63	1,805	65.5
WA	264	19,996	728	3.64	5,279	192.2
WV	20	12,600	470	3.73	252	9.4
WI	1,449	15,442	587	3.80	22,376	850.3
WY	6	14,050	511	3.64	84.3	3.1
US [3]	9,351	16,505	609	3.69	154,331	5,690.9

[1] Average number during year, excluding heifers not yet fresh. U.S. total may not add due to rounding. [2] Excludes milk sucked by calves. [3] Sum of parts may not equal due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-14.—Milk: Quantities used and marketed by producers, by States, 1996 (preliminary)

State	Milk used where produced			Milk marketed by producers		
	Fed to calves [1]	Used for milk, cream, and butter	Total	Sold to plants and dealers [2]	Sold directly to consumers [3 4]	Total
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
AL	3	1	4	430	.....	430
AK	.5	.3	.8	12.5	.2	12.7
AZ	9	2	11	2,462	.....	2,462
AR	9	5	14	673	.....	673
CA	40	7	47	25,230	582	25,812
CO	21	8	29	1,560	44	1,604
CT	5	1	6	477	14	491
DE	1	.....	1	138	.....	138
FL	4	1	5	2,396	.....	2,396
GA	15	1	16	1,460	10	1,470
HI	2.1	1	3.1	125.9	.....	125.9
ID	35	5	40	4,695	.....	4,695
IL	29	4	33	2,302	.....	2,302
IN	30	10	40	2,126	.....	2,126
IA	40	20	60	3,766	.....	3,766
KS	13	2	15	1,185	.....	1,185
KY	35	13	48	1,812	.....	1,812
LA	11	4	15	823	.....	823
ME	7	1	8	632	8	640
MD	7	3	10	1,307	.....	1,307
MA	5	1	6	415	16	431
MI	50	5	55	5,360	15	5,375
MN	92	18	110	9,330	.....	9,330
MS	3	2	5	656	.....	656
MO	32	8	40	2,400	.....	2,400
MT	8	5	13	294	.....	294
NE	15	10	25	1,025	.....	1,025
NV	4	1	5	465	.....	465
NH	4	1	5	319	.....	319
NJ	3	1	4	293	.....	293
NM	10	6	16	3,691	41	3,732
NY	145	33	178	11,339	12	11,351
NC	12	8	20	1,268	.....	1,268
ND	17	2	19	785	.....	785
OH	23	7	30	4,340	.....	4,340
OK	8	1	9	1,246	.....	1,246
OR	25	4	29	1,519	6	1,579
PA	74	21	95	10,280	26	10,545
RI	.4	.....	.4	30.8	.....	30.8
SC	2	1	3	375	.....	378
SD	12	2	14	1,460	.....	1,460
TN	11	1	12	1,605	.....	1,605
TX	17	5	22	6,098	.....	6,098
UT	24	3	27	1,472	4	1,520
VT	25	5	30	2,554	.....	2,560
VA	12	3	15	1,790	.....	1,790
WA	27	1	28	5,052	19	5,251
WV	2	1	3	249	.....	249
WI	207	55	262	22,114	.....	22,114
WY	2.6	.4	3.0	81.3	.....	81.3
US [5]	1,189	301	1,489	151,519	1,32	152,842

[1] Excludes milk sucked by calves. [2] Includes milk produced by dealers' own herds and small amounts sold directly to consumers. Also included equivalent amounts of milk for cream sold to plants and dealers. [3] Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds. [4] For states not published, sales included in milk sold to plants. [5] Sum of parts may not equal total due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-15.—Milk: Cows, yield per cow, and production in specified countries, 1994–96 [1]

Country and continent	Milk cows			Per cow yield			Milk production		
	1994	1995	1996	1994	1995	1996	1994	1995	1996
	1,000 head	*1,000 head*	*1,000 head*	*Kilo grams*	*Kilo grams*	*Kilo grams*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
North America:.									
Canada	1,224	1,244	1,237	6,332	6,367	6,378	7,750	7,920	7,890
Mexico	6,480	6,440	6,440	1,165	1,149	1,178	7,547	7,399	7,586
United States	9,500	9,458	9,351	7,337	7,454	7,486	69,701	70,500	70,004
Total	17,204	17,142	17,028	.....	.....	.....	84,998	85,819	85,480
South America:.									
Argentina	2,300	2,350	2,300	3,391	3,617	3,870	7,800	8,500	8,900
Brazil	17,500	17,500	17,100	954	1,050	1,139	16,700	18,375	19,480
Chile	760	770	720	2,368	2,474	2,753	1,800	1,905	1,982
Peru	563	580	553	1,139	1,147	1,320	641	665	730
Venezuela	690	660	608	1,970	1,970	1,974	1,359	1,300	1,200
Total	21,813	21,860	21,281	.....	.....	.....	28,300	30,745	32,292
European Union:.									
Austria	804	747	698	4,036	4,171	4,304	3,245	3,116	3,004
Belgium-Luxembourg	754	720	682	4,784	5,063	5,359	3,607	3,645	3,655
Denmark	699	703	712	6,639	6,647	6,594	4,641	4,673	4,695
Finland	415	413	399	6,048	5,988	6,093	2,510	2,473	2,431
France	4,615	4,754	4,672	5,487	5,346	5,369	25,322	25,413	25,083
Germany	5,301	5,273	5,229	5,257	5,428	5,503	27,866	28,621	28,776
Greece	230	210	205	3,261	3,286	3,341	750	690	685
Ireland	1,274	1,269	1,267	4,394	4,456	4,481	5,598	5,655	5,677
Italy	2,287	2,167	2,100	4,532	4,845	5,143	10,365	10,500	10,800
Netherlands	1,698	1,709	1,664	6,457	6,609	6,618	10,964	11,294	11,013
Portugal	375	368	366	3,960	4,565	4,727	1,485	1,680	1,730
Spain	1,379	1,351	1,350	4,278	4,441	4,370	5,900	6,000	5,900
Sweden	490	482	466	6,851	6,728	7,122	3,357	3,243	3,319
United Kingdom	2,318	2,268	2,202	6,437	6,481	6,676	14,920	14,700	14,700
Total	22,639	22,434	22,012	.....	.....	.....	120,530	121,703	121,468
Western Europe:.									
Switzerland	761	759	752	5,138	5,186	5,128	3,910	3,936	3,856
Total	761	759	752	.....	.....	.....	3,910	3,936	3,856
Eastern Europe:.									
Poland	3,866	3,715	3,442	3,058	3,074	3,396	11,822	11,420	11,690
Romania	1,780	1,778	1,776	3,058	3,074	3,396	5,215	5,885	5,488
Total	5,646	5,493	5,218	.....	.....	.....	17,037	17,305	17,178
Former Soviet Union:.									
Russia	19,800	18,400	17,450	2,162	2,136	2,046	42,800	39,300	35,700
Ukraine	8,078	7,818	7,500	2,245	2,198	2,133	18,138	17,181	16,000
Total	27,878	26,218	24,950	.....	.....	.....	60,938	56,481	51,700
South Asia:.									
India	31,500	33,000	33,500	984	985	1,000	31,000	32,500	33,500
Total	31,500	33,000	33,500	.....	.....	.....	31,000	32,500	33,500
Asia:.									
China	1,885	2,138	2,552	2,805	2,696	2,467	5,288	5,764	6,296
Japan	1,052	1,034	1,035	7,973	8,106	8,364	8,388	8,382	8,657
Total	2,937	3,172	3,587	.....	.....	.....	13,676	14,146	14,953
Oceania:.									
Australia [2]	1,762	1,786	1,822	4,711	4,722	4,916	8,300	8,433	8,957
New Zealand [3]	2,808	2,994	3,153	3,461	3,234	3,300	9,719	9,684	10,405
Total	4,570	4,780	4,975	.....	.....	.....	18,019	18,117	19,362
World total	134,948	134,858	133,303	.....	.....	.....	378,408	380,752	379,789

[1] Year beginning April 1 of the year shown. [2] Year ending June 30 of the year shown. [3] Year ending May 31 of the year shown.

FAS, Dairy, Livestock and Poultry Division, (202) 720–3761. Data from counselor/attache reports and official statistics.

Table 8-16.—Milk Production: Marketings, income, and value, by States, 1996 (preliminary)

State	Milk sold to plants and dealers [1]				Milk sold directly to consumers [2]		
	Quantity	Percent fluid grade [3]	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	*Percent*	*Dollars*	*1,000 dollars*	*1,000 quarts*	*Cents*	*1,000 dollars*
AL	430	100	16.40	70,520	...	...	...
AK	12.5	100	20.30	2,538	93	.75	70
AZ	2,462	100	14.50	356,990	...	...	...
AR	673	98	16.00	107,680	...	...	...
CA	25,230	96	13.66	3,446,418	270,698	1.00	270,698
CO	1,560	100	14.60	227,760	20,465	.88	18,009
CT	477	100	15.60	74,412	6,512	.70	4,558
DE	138	100	15.30	21,114	...	...	...
FL	2,396	100	18.00	431,280	...	...	...
GA	1,460	100	16.30	237,980	4,651	.77	3,581
HI	125.9	100	23.22	29,234	...	...	...
ID	4,695	93	13.90	652,605	...	...	...
IL	2,302	94	15.00	345,300	...	...	...
IN	2,126	90	14.70	312,522	...	...	...
IA	3,766	89	14.50	546,070	...	...	...
KS	1,185	97	14.20	168,270	...	...	...
KY	1,812	98	15.40	279,048	...	...	...
LA	823	100	16.20	133,326	...	...	...
ME	632	100	15.70	99,224	3,721	.60	2,233
MD	1,307	100	15.30	199,971	...	...	...
MA	415	100	15.70	65,155	7,442	.65	4,837
MI	5,360	99	15.00	804,000	6,977	.50	3,488
MN	9,330	90	14.60	1,362,180	...	...	...
MS	656	100	16.10	105,616	...	...	...
MO	2,400	93	15.10	362,400	...	...	...
MT	294	100	15.20	44,688	...	...	...
NE	1,025	92	14.40	147,600	...	...	...
NV	465	100	13.40	62,310	...	...	...
NH	319	100	15.60	49,764	...	...	...
NJ	293	100	15.30	44,829	...	...	...
NM	3,691	100	13.80	509,358	19,070	.73	13,921
NY	11,339	100	14.90	1,689,511	5,581	.67	3,740
NC	1,268	99	16.70	211,756	...	...	...
ND	785	57	13.70	107,545	...	...	...
OH	4,340	94	15.00	651,000	...	...	...
OK	1,246	99	15.70	195,622	...	...	...
OR	1,519	98	14.50	220,255	27,907	.60	16,744
PA	10,280	99	15.50	1,593,400	123,256	.56	69,023
RI	30.8	100	15.60	4,805	...	...	...
SC	375	100	16.30	61,125	1,395	.76	1,060
SD	1,460	57	14.50	211,700	...	...	...
TN	1,605	98	15.80	253,590	...	...	...
TX	6,098	100	15.10	920,798	...	...	...
UT	1,472	91	14.00	206,080	22,326	.60	13,395
VT	2,554	100	15.30	390,762	2,791	.69	1,926
VA	1,790	99	16.20	289,980	...	...	...
WA	5,052	100	14.50	732,540	92,558	.60	55,535
WV	249	99	15.20	37,848	...	...	...
WI	22,114	92	14.75	3,261,815	...	...	...
WY	81.3	81	13.30	10,813	...	...	...
US	151,519	96	14.75	22,351,106	615,442	.785	482,819

See footnotes at end of table.

Table 8-16.—Milk Production: Marketings, income, and value, by States, 1996 (preliminary)—Continued

State	Combined marketing of milk and cream				Used for milk, cream, and butter where produced		Gross producer income [6]	Value of milk produced [5 7]
	Milk utilized	Average returns [4]		Cash receipts from marketings	Milk utilized	Value [5]		
		Per 100 cwt milk	Per lb. milkfat					
	Million pounds	*Dollars*	*Dollars*	*1,000 dollars*	*Million pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	430	16.40	4.59	70,520	1	164	70,684	71,176
AK	12.7	20.53	5.90	2,607	.3	62	2,669	2,772
AZ	2,462	14.50	4.04	356,990	2	290	357,280	358,585
AR	673	16.00	4.44	107,680	5	800	108,480	109,920
CA	25,812	14.40	3.93	3,717,116	7	1,008	3,718,124	3,723,884
CO	1,604	15.32	4.20	245,769	8	1,226	246,995	250,213
CT	491	16.08	4.38	78,970	1	161	79,131	79,935
DE	138	15.30	4.11	21,114	.....	.....	21,114	21,267
FL	2,396	18.00	5.03	431,280	1	180	431,460	432,180
GA	1,470	16.43	4.56	241,561	1	164	241,726	244,191
HI	125.9	23.22	6.75	29,234	1	232	29,466	29,954
ID	4,695	13.90	3.84	652,605	5	695	653,300	658,165
IL	2,302	15.00	3.98	345,300	4	600	345,900	350,250
IN	2,126	14.70	3.94	312,522	10	1,470	313,992	318,402
IA	3,766	14.50	3.89	546,070	20	2,900	548,970	554,770
KS	1,185	14.20	3.88	168,270	2	284	168,554	170,400
KY	1,812	15.40	4.25	279,048	13	2,002	281,050	286,440
LA	823	16.20	4.63	133,326	4	648	133,974	135,756
ME	640	15.85	4.32	101,457	1	159	101,615	102,725
MD	1,307	15.30	4.11	199,971	3	459	200,430	201,501
MA	431	16.24	4.34	69,992	1	162	70,155	70,967
MI	5,375	15.02	4.07	807,488	5	751	808,240	815,751
MN	9,330	14.60	3.90	1,362,180	18	2,628	1,364,808	1,378,240
MS	656	16.10	4.54	105,616	2	322	105,938	106,421
MO	2,400	15.10	4.15	362,400	8	1,208	363,608	368,440
MT	294	15.20	4.25	44,688	5	760	45,448	46,664
NE	1,025	14.40	3.86	147,600	10	1,440	149,040	151,200
NV	465	13.40	3.73	62,310	1	134	62,444	62,980
NH	319	15.60	4.18	49,764	1	156	49,920	50,544
NJ	293	15.30	4.17	44,829	1	153	44,982	45,441
NM	3,732	14.02	3.95	523,279	6	841	524,120	525,522
NY	11,351	14.92	4.03	1,693,251	33	4,923	1,698,173	1,719,803
NC	1,268	16.70	4.55	211,756	8	1,336	213,092	215,096
ND	785	13.70	3.71	107,545	2	274	107,819	110,148
OH	4,340	15.00	4.01	651,000	7	1,050	652,050	655,500
OK	1,246	15.70	4.34	195,622	1	157	195,779	197,035
OR	1,579	15.01	4.12	236,999	4	600	237,600	241,352
PA	10,545	15.77	4.25	1,662,423	21	3,311	1,665,734	1,677,400
RI	30.8	15.60	4.39	4,805	0	0	4,805	4,867
SC	378	16.45	4.47	62,185	1	165	62,350	62,679
SD	1,460	14.50	3.89	211,700	2	290	211,990	213,730
TN	1,605	15.80	4.38	253,590	1	158	253,748	255,486
TX	6,098	15.10	4.22	920,798	5	755	921,553	924,120
UT	1,520	14.44	3.98	219,475	3	433	219,909	223,374
VT	2,560	15.34	4.10	392,688	5	767	393,455	397,289
VA	1,790	16.20	4.46	289,980	3	486	290,466	292,410
WA	5,251	15.01	4.12	788,075	1	150	788,225	792,277
WV	249	15.20	4.08	37,848	1	152	38,000	38,304
WI	22,114	14.75	3.88	3,261,815	55	8,113	3,269,928	3,300,460
WY	81.3	13.30	3.65	10,813	.4	53	10,866	11,212
US	152,842	14.94	4.05	22,833,925	301	45,231	22,879,156	23,057,197

[1] Includes the equivalent amount of milk for cream sold to plants and dealers.
[2] Some States not published to avoid disclosing individual operations.
[3] Percentage of milk sold to plants and dealers that is eligible for fluid use.
[4] Cash receipts divided by milk or milkfat in combined marketings.
[5] Value at averaged returns per 100 pounds of milk in combined marketings of milk and cream.
[6] Cash receipts from marketings of milk and cream plus value of milk used for home consumption.
[7] Includes value of milk fed to calves.
NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-17.—Milk Production: Marketings, income and value, United States, 1987–96

Year	Milk sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	*Dollars*	*1,000 dollars*	*1,000 quarts*	*Cents*	*1,000 dollars*
1987	139,253	12.54	17,456,027	556,884	48.6	270,619
1988	141,698	12.26	17,367,694	527,581	50.0	263,972
1989	140,795	13.56	19,097,059	482,884	53.9	260,247
1990	144,772	13.74	19,889,975	443,349	56.1	248,550
1991	144,742	12.27	17,752,657	456,372	55.6	253,953
1992	147,905	13.15	19,451,103	488,465	58.2	284,498
1993	147,779	12.84	18,979,392	449,860	58.5	263,158
1994	150,907	13.01	19,631,922	491,721	61.7	303,237
1995	152,543	12.78	19,500,646	607,535	64.7	392,963
1996[1]	151,519	14.75	22,551,106	615,442	78.5	482,819

Year	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products[4]	Farm value of all milk produced[3 5]
	Milk utilized	Average returns[2]		Cash receipts from marketings				
		Per 100 pounds milk	Per pound milkfat		Milk utilized	Value[3]		
	Million pounds	*Dollars*	*Dollars*	*1,000 dollars*	*Million pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	140,450	12.62	3.46	17,726,646	659	84,655	17,811,301	18,014,069
1988	142,833	12.34	3.36	17,631,666	613	77,167	17,708,832	17,905,738
1989	141,834	13.65	3.70	19,357,306	563	78,102	19,435,407	19,640,390
1990	145,725	13.82	3.79	20,138,525	512	72,517	20,211,042	20,418,351
1991	145,723	12.36	3.38	18,006,611	494	61,972	18,068,583	18,252,108
1992	148,955	13.25	3.60	19,735,601	455	61,470	19,797,071	19,989,087
1993	148,746	12.94	3.53	19,242,550	428	56,469	19,299,020	19,483,528
1994	151,965	13.12	3.58	19,935,160	394	52,890	19,988,050	20,161,937
1995	153,849	12.93	3.53	19,893,608	346	45,332	19,938,940	20,098,996
1996[1]	152,842	14.94	4.05	22,833,925	301	45,231	22,879,156	23,057,197

[1] Preliminary. [2] Cash receipts divided by milk or milkfat represented in combined marketings. [3] Valued at average returns per 100 pounds of milk in combined marketings of milk and cream. [4] Cash receipts from marketings of milk and cream plus value of milk used for home consumption and producer-churned butter. [5] Includes value of milk fed to calves.

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Table 8-18.—Milk: Quantities used and marketed by farmers, United States, 1987–96

Year	Milk used on farms where produced			Milk marketed by producers		
	Fed to calves[1]	Consumed as fluid milk or cream	Total	Sold to plants and dealers[2] as whole milk	Sold directly to consumers[3]	Total
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
1987	1,599	659	2,258	139,253	1,197	140,450
1988	1,589	613	2,201	141,698	1,134	142,833
1989	1,496	563	2,059	140,795	1,038	141,834
1990	1,484	512	1,996	144,772	953	145,725
1991	1,480	494	1,974	144,742	981	145,723
1992	1,436	455	1,892	147,943	1,050	148,993
1993	1,408	428	1,836	147,779	967	148,746
1994	1,305	394	1,700	150,907	1,057	151,965
1995	1,230	346	1,576	152,543	1,306	153,849
1996[4]	1,189	301	1,489	151,519	1,323	152,842

[1] Excludes milk sucked by calves. [2] Includes milk produced by dealers' own herds. [3] Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds. [4] Preliminary.

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Table 8-19.—Federal milk order markets: Measures of growth, 1987–96

Year	Number of markets [1]	Population of Federal milk marketing areas [2]	Number of Handlers [1]	Number of Producers [3]	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	Number	*Thousands*	*Number*	*Number*	*Million pounds*	*Million pounds*	*Percent*
1987	43	180,374	797	105,882	98,182	42,876	43.7
1988	42	184,180	776	104,141	100,066	43,141	43.1
1989	41	185,919	748	100,291	95,871	43,367	45.2
1990	42	195,841	753	100,397	102,396	43,783	42.8
1991	40	198,409	722	100,267	103,252	45,033	43.6
1992	40	200,530	698	97,803	107,947	44,914	41.6
1993	38	199,604	675	92,934	103,979	44,805	43.1
1994	38	201,561	629	91,397	107,811	44,866	41.6
1995	33	207,548	581	88,745	108,548	44,968	41.4
1996	32	209,599	570	83,012	104,501	45,490	43.5

Year	Prices at 3.5 percent butterfat content per hundredweight [4]		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 [5]	All milk		Per producer	All producers
	Dollars	*Dollars*	*Percent*	*Percent*	*Pounds*	*Dollars*	*1,000 dollars*
1987	13.90	12.51	80	71	2,542	118,402	12,529,800
1988	13.42	12.14	79	71	2,627	119,261	12,419,974
1989	14.51	13.30	75	68	2,614	129,744	13,012,796
1990	15.55	13.78	77	70	2,796	142,324	14,289,567
1991	13.30	12.11	76	71	2,821	121,479	12,180,354
1992	14.57	13.12	77	73	3,017	146,452	14,323,698
1993	14.19	12.89	73	69	3,073	145,350	13,507,974
1994	14.75	13.16	75	71	3,232	156,253	14,281,193
1995	14.19	12.79	75	71	3,349	155,093	13,763,840
1996	16.19	14.64	72	69	3,439	184,243	15,294,217

[1] End of year. [2] End of year. Data for 1990 according to the 1990 U.S. Census of Population. Data for 1987–1989, and 1991–1996 are estimated. [3] Average for year. [4] Prices are weighted averages. [5] The decrease in these percentages from 1988 to date results from handlers electing, because of disadvantageous price relationships and qualification circumstances, not to pool milk that normally would have been pooled under Federal milk orders.

AMS, Dairy Programs, (202) 720–7461.

Table 8-20.—Dairy products: Quantities manufactured, United States, 1989–96

Product	1989	1990	1991	1992	1993	1994	1995	1996 [1]
	1,000 pounds	*1,000* pounds	*1,000* pounds	*1,000* pounds	*1,000* pounds	*1,000* pounds	*1,000* pounds	*1,000* pounds
Creamery butter	1,295,409	1,302,177	1,335,782	1,365,164	1,315,198	1,295,942	1,264,474	1,174,475
American cheese:								
Whole milk	2,674,075	2,894,221	2,768,925	2,936,561	2,957,260	2,974,420	3,131,390	3,280,799
Part skim	825	845	841	1,177	3,727	24,723	24,008	.....
Swiss cheese	231,238	261,065	234,489	237,304	231,441	221,243	221,713	219,047
Muenster cheese	91,121	100,201	106,352	116,385	117,468	113,587	109,128	106,815
Brick cheese	17,490	17,337	15,298	15,476	12,488	12,222	10,426	10,647
Limburger cheese	901	803	715	985	863	849	868	719
Cream and Neufchatel cheese	400,959	430,799	446,693	516,654	539,907	573,394	543,789	574,700
Blue cheese	34,561	36,434	34,371	33,307	33,295	36,514	36,593	38,311
All Italian varieties of cheese	2,042,894	2,207,021	2,328,624	2,508,577	2,494,521	2,625,702	2,674,390	2,812,397
All other varieties of cheese	121,231	110,710	118,547	121,865	137,202	152,037	164,591	106,692
Total of all cheese	5,615,372	6,059,436	6,054,855	6,488,291	6,528,172	6,734,691	6,916,896	7,217,544
Cottage cheese:								
Curd [2]	526,913	493,452	490,909	502,411	471,364	463,283	458,918	448,327
Creamed [2]	572,263	530,636	497,928	457,340	430,518	409,954	384,889	360,413
Lowfat [2]	300,881	301,833	321,109	329,504	317,009	321,077	325,928	329,890
Sweetened condensed milk:								
Bulk goods:								
Skimmed	66,263	44,510	125,161	126,380	97,690	56,582	48,610	39,031
Unskimmed	93,480	105,371	132,579	129,704	139,211	118,800	108,949	114,933
Unsweetened condensed milk:								
Bulk goods:								
Skimmed	1,079,799	1,131,512	1,122,060	1,196,110	1,269,557	1,333,310	1,121,027	1,015,432
Unskimmed	177,466	144,417	150,037	162,912	99,034	84,774	93,253	100,407
Evaporated and condensed milk:								
Case goods:								
Skimmed	20,169	12,536	16,952	16,456	22,235	26,664	26,077	28,681
Unskimmed	525,128	602,647	543,094	582,115	534,507	537,881	476,656	463,613
Condensed or evaporated buttermilk	40,476	37,247	39,572	46,026	46,525	34,133	36,977	32,142
Dry buttermilk	60,517	55,851	59,928	61,077	50,988	52,307	54,761	48,777
Dry whole milk	175,768	175,129	106,778	168,322	153,830	166,786	171,317	134,351
Nonfat dry milk	874,667	879,212	877,525	872,123	954,485	1,230,855	1,232,994	1,061,771
Dry skim milk (animal feed)	18,705	23,221	7,216	9,948	9,802	11,187	9,560	6,279
Dry whey	1,069,470	1,143,259	1,167,394	1,237,283	1,196,378	1,211,787	1,147,265	1,116,514
	1,000 gallons	*1,000* gallons	*1,000* gallons	*1,000* gallons	*1,000* gallons	*1,000* gallons	*1,000* gallons	*1,000* gallons
Ice cream	831,159	823,610	862,638	866,110	866,248	876,097	862,232	878,572
Ice cream, lowfat [3]	376,507	352,271	341,793	328,185	325,346	358,605	356,861	366,126
Sherbet (does not include water ices)	52,662	50,278	47,379	49,940	50,813	54,093	53,496	52,611

[1] Preliminary. [2] 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. [3] Includes freezer-made milkshake in most States.

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Table 8-21.—Dairy products: Factory production of specified items, by States, 1994–96

State	Butter			Total American cheese [2]			Total cheese [3]		
	1994	1995	1996 [1]	1994	1995	1996 [1]	1994	1995	1996 [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
CA	344,657	346,503	305,667	351,149	354,132	410,915	922,887	951,677	1,053,979
ID	.....	.....	.....	264,602	347,233	388,667	.....	389,914	432,888
IL	.....	.....	.....	1,622	.....	.....	102,246	111,577	115,248
IA	.....	.....	.....	105,707	97,125	99,106	268,828	240,577	225,189
KS	12,038	.....	.....	38,926	28,884	29,328	38,926	28,884	29,328
MA	.....	.....	.....	.....	.....	.....	902	1,030	934
MI	20,045	21,268	22,110	.....	.....	.....	116,276	111,010	106,603
MN	52,829	52,648	58,575	571,746	609,946	589,545	658,036	678,405	682,058
MO	.....	.....	.....	.....	.....	.....	198,540	144,378	159,049
NE	.....	.....	.....	.....	.....	.....	121,699	116,356	110,876
NJ	.....	.....	.....	.....	.....	.....	13,655	25,622	.....
NY	22,717	25,556	27,173	92,883	83,901	88,033	559,636	556,999	583,689
ND	4,945	4,275	4,059	31,047	29,506	24,820	31,047	29,506	24,820
OH	42,858	.....	.....	.....	19,289	31,875	102,655	105,862	109,576
OR	16,833	20,538	19,536	45,805	51,151	.....	45,978	51,281	52,157
PA	80,912	79,821	79,331	.....	.....	.....	348,285	347,774	340,587
SD	.....	.....	.....	41,723	39,103	50,404	148,484	147,746	137,897
TN	.....	.....	.....	.....	17,412	10,733	.....	17,675	10,838
UT	.....	.....	.....	42,522	38,930	36,654	86,167	80,893	84,702
VT	.....	.....	.....	36,545	27,969	.....	122,872	137,210	134,031
WA	120,888	98,805	95,342	25,664	29,522	52,204	79,110	82,377	104,284
WI	295,455	280,538	294,956	905,231	945,095	965,053	2,024,068	2,090,827	2,095,946
Other	281,765	334,522	267,726	419,248	412,192	503,462	697,738	469,316	622,865
US	1,295,942	1,264,474	1,174,475	2,974,420	3,131,390	3,280,799	6,734,691	6,916,896	7,217,544

See footnotes at end of table.

Table 8-21.—Dairy products: Factory production of specified items, by States, 1994–96—Continued

State	Evaporated and sweetened condensed whole milk (case goods)			Nonfat dry milk for human food			Total ice cream		
	1994	1995	1996 [1]	1994	1995	1996 [1]	1994	1995	1996 [1]
	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*
AK	.....	.....	.....	.....	.....	.....	32	29	45
AZ	.....	.....	.....	.....	.....	.....	7,698	7,831	7,429
CA	.....	.....	.....	429,761	443,347	425,971	111,194	111,922	108,830
CO	.....	.....	.....	.....	.....	.....	10,663	9,977	10,262
FL	.....	.....	.....	.....	.....	.....	26,032	26,238	.....
GA	.....	.....	.....	.....	.....	.....	9,218	10,152	.....
ID	.....	.....	.....	.....	.....	.....	6,794	7,242	7,266
IL	.....	.....	.....	.....	.....	.....	30,507	31,205	34,406
IN	.....	.....	.....	.....	.....	.....	45,367	43,965	45,328
IA	.....	.....	.....	.....	54,867	58,466	.....	.....	.....
KS	.....	.....	.....	.....	.....	.....	3,500	3,130	3,225
MD	.....	.....	.....	.....	.....	.....	17,974	16,534	.....
MI	.....	.....	.....	30,088	36,099	29,396	29,615	27,861	29,296
MN	.....	.....	.....	34,435	25,824	14,097	37,843	37,826	41,071
MO	.....	.....	.....	.....	.....	.....	18,614	16,600	16,401
NM	.....	.....	.....	.....	.....	12,155	.....	5,316	.....
NY	.....	.....	.....	24,794	32,254	24,155	37,282	35,930	32,203
NC	.....	.....	.....	.....	.....	.....	32,621	29,807	27,478
ND	.....	.....	.....	531	1,000	485	899	911	1,005
OH	.....	.....	.....	.....	.....	.....	48,019	43,419	41,440
OR	.....	.....	.....	.....	.....	.....	9,474	9,954	10,519
PA	.....	.....	.....	.....	.....	.....	72,786	66,012	.....
SC	.....	.....	.....	.....	.....	.....	9,905	9,946	10,639
TN	.....	.....	.....	.....	9,958	4,220	16,730	13,683	14,217
TX	.....	.....	.....	.....	.....	.....	47,711	50,982	47,783
UT	.....	.....	.....	.....	.....	.....	10,203	12,305	17,615
WA	.....	.....	.....	212,628	213,233	188,137	21,062	21,146	21,523
WI	.....	.....	.....	71,413	60,060	34,412	11,664	11,334	12,608
Other	.....	.....	.....	427,205	356,352	270,277	168,239	200,975	337,983
US	537,881	476,656	463,613	1,230,855	1,232,994	1,061,771	876,097	862,232	878,572

[1] Preliminary. [2] Includes Colby, washed curd, high and low moisture Jack, and Monterey. [3] Includes full-skim American cheese; excludes cottage cheese.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-22.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1987–96

Year	Milk cows, per head [1]	Milk per 100 pounds [2]					
		Eligible for fluid market [3]		Of manufacturing grade		All milk wholesale	
		Price per 100 lb.	Fat test	Price per 100 lb.	Fat test	Price per 100 lb.	Fat test
	Dollars	*Dollars*	*Percent*	*Dollars*	*Percent*	*Dollars*	*Percent*
1987	920.00	12.66	3.65	11.37	3.66	12.54	3.65
1988	990.00	12.36	3.67	11.15	3.68	12.26	3.67
1989	1,030.00	13.66	3.68	12.38	3.70	13.56	3.68
1990	1,160.00	13.89	3.64	12.34	3.70	13.74	3.65
1991	1,100.00	12.30	3.65	11.05	3.71	12.27	3.66
1992	1,130.00	13.19	3.68	11.91	3.73	13.15	3.68
1993	1,160.00	12.88	3.66	11.80	3.76	12.84	3.66
1994	1,170.00	13.02	3.65	11.85	3.76	13.01	3.66
1995	1,130.00	12.80	3.65	11.79	3.75	12.78	3.66
1996	1,090.00	14.79	3.69	13.43	3.78	14.75	3.69

[1] Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year. [2] 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. [3] Milk eligible for fluid market, including surplus diverted to manufacturing.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 8-23.—Dairy products: Manufacturers' average selling price [1] of specified products, United States, 1987–96

Year	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
	Cents	*Cents*	*Cents*
1987	79.30	43.57	112.71
1988	76.58	48.11	113.50
1989	95.16	64.45	126.03
1990	94.29	60.03	126.29
1991	88.29	54.72	109.20
1992	102.41	56.77	116.11
1993	107.34	55.80	113.02
1994	105.96	52.54	114.18
1995	105.31	50.13	111.89
1996	117.36	60.22	128.31

[1] Includes milk sold in bulk and in package.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-24.—Dairy products: Manufacturers' stocks, end of month, United States, 1995 and 1996

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1995	1996	1995	1996	1995	1996
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	56,402	35,515	12,386	7,311	114,773	71,687
February	62,571	39,198	13,942	8,557	93,972	80,018
March	70,534	43,445	15,211	9,809	97,525	98,399
April	81,435	49,961	16,499	10,214	127,069	100,272
May	98,015	51,780	14,440	9,391	128,964	86,463
June	104,335	48,743	10,840	9,037	141,922	82,488
July	106,696	42,258	9,556	7,291	140,175	76,801
August	101,898	41,398	8,020	6,217	102,131	66,089
September	90,065	35,713	6,118	4,551	78,293	50,233
October	69,098	21,762	6,709	3,807	70,066	47,216
November	43,494	16,734	6,013	2,589	50,279	49,210
December	31,320	19,485	7,318	6,422	70,600	71,110

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-25.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1995 [1]

Federal milk order marketing area	Whole milk items [2]		Lowfat and skim milk items [3]		Total fluid milk items	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	Million pounds	*Percent*	*Million pounds*	*Percent*	*Million pounds*	*Percent*
NORTH ATLANTIC	4,331	3.24	5,369	1.19	9,700	2.11
New England	1,014	3.17	1,532	1.15	2,546	1.96
New York-New Jersey	2,276	3.26	2,078	1.19	4,354	2.27
Middle Atlantic	1,042	3.26	1,759	1.22	2,801	1.98
SOUTHEASTERN [4]	4,178	3.27	5,567	1.25	9,745	2.12
Carolina	820	3.26	1,045	1.24	1,866	2.13
Tennessee Valley	239	3.27	465	1.39	704	2.03
Paducah [5]	19	3.27	39	1.55	58	2.12
Southeast [6]	1,968	3.26	2,540	1.29	4,508	2.15
Upper Florida	324	3.28	523	1.17	848	1.98
Tampa Bay	354	3.33	531	1.12	885	2.00
Southeastern Florida	472	3.31	463	1.10	935	2.21
EAST NORTH CENTRAL	2,693	3.26	8,385	1.42	11,078	1.87
Michigan Upper Peninsula	13	3.24	83	1.50	95	1.73
Southern Michigan	562	3.28	1,282	1.27	1,844	1.88
Eastern Ohio-Western Pa.	477	3.22	1,278	1.46	1,755	1.94
Ohio Valley	454	3.26	1,324	1.52	1,779	1.96
Indiana	230	3.30	938	1.47	1,168	1.83
Chicago Regional	563	3.28	2,117	1.36	2,679	1.77
Central Illinois	32	3.26	167	1.51	200	1.79
S. Ill.-E. Missouri	191	3.22	714	1.44	905	1.81
Louisville-Lex.-Evans.	172	3.28	482	1.47	654	1.94
WEST NORTH CENTRAL [4]	475	3.23	2,775	1.21	3,250	1.50
Upper Midwest	158	3.16	1,304	1.10	1,462	1.32
Eastern South Dakota	11	3.25	101	1.36	112	1.54
Black Hills	7	3.34	34	1.46	41	1.77
Iowa	89	3.30	591	1.26	680	1.53
Nebraska-Western Iowa	83	3.25	386	1.29	469	1.64
Greater Kansas City	134	3.25	393	1.38	527	1.85
WEST SOUTH CENTRAL	2,010	3.30	2,364	1.32	4,375	2.23
Southwest Plains	492	3.29	728	1.37	1,220	2.15
Texas	1,519	3.30	1,636	1.30	3,154	2.26
MOUNTAIN	1,059	3.29	2,322	1.44	3,381	2.02
Eastern Colorado	182	3.32	519	1.41	702	1.90
Western Colorado	18	3.30	52	1.48	70	1.94
S.W. Idaho-E. Oreg	36	3.32	141	1.54	177	1.90
Great Basin	177	3.28	699	1.45	876	1.82
Central Arizona	268	3.28	638	1.43	905	1.98
New Mexico-West Texas	379	3.30	273	1.42	651	2.51
PACIFIC	371	3.22	1,841	1.43	2,212	1.73
Pacific Northwest	371	3.22	1,841	1.43	2,212	1.73
Combined areas [4]	15,117	3.26	28,624	1.32	43,742	1.99

See footnotes at end of table.

Table 8-25.—Milk markets under Federal order program: Whole milk and lowfat and skim milk products sold for fluid consumption within defined marketing areas, 1996 [1]—Continued

Federal milk order marketing area	Whole milk items [2]		Lowfat and skim milk items [3]		Total fluid milk items	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	Million pounds	*Percent*	*Million pounds*	*Percent*	*Million pounds*	*Percent*
NORTH ATLANTIC	4,335	3.21	5,384	1.15	9,719	2.07
New England	1,038	3.07	1,536	1.13	2,574	1.91
New York-New Jersey	2,265	3.26	2,077	1.13	4,342	2.24
Middle Atlantic	1,032	3.26	1,771	1.20	2,803	1.96
SOUTHEASTERN [4]	4,282	3.24	5,708	1.23	9,990	2.09
Carolina	909	3.13	1,053	1.21	1,963	2.10
Tennessee Valley	254	3.23	494	1.37	748	2.00
Southeast	1,961	3.27	2,612	1.29	4,573	2.14
Upper Florida	338	3.27	537	1.16	874	1.98
Tampa Bay	343	3.31	537	1.09	880	1.96
Southeastern Florida	478	3.30	475	1.09	953	2.20
EAST NORTH CENTRAL	2,674	3.26	8,419	1.38	11,093	1.84
Michigan Upper Peninsula	12	3.30	84	1.43	96	1.67
Southern Michigan	556	3.27	1,284	1.25	1,840	1.86
Eastern Ohio-Western Pa.	463	3.23	1,284	1.43	1,747	1.91
Ohio Valley	468	3.26	1,344	1.48	1,812	1.94
Indiana	224	3.27	927	1.44	1,151	1.80
Chicago Regional	561	3.27	2,143	1.33	2,703	1.73
Central Illinois	33	3.27	170	1.47	203	1.76
S. Ill.-E. Missouri	187	3.23	702	1.40	889	1.78
Louisville-Lex.-Evans.	170	3.28	482	1.43	652	1.91
WEST NORTH CENTRAL [4]	473	3.24	2,818	1.17	3,290	1.47
Upper Midwest	154	3.18	1,334	1.06	1,488	1.28
Eastern South Dakota	11	3.23	103	1.32	113	1.50
Black Hills [7]	5	3.33	26	1.44	32	1.75
Iowa	88	3.29	590	1.22	678	1.49
Nebraska-Western Iowa	85	3.26	393	1.26	478	1.62
Greater Kansas City	134	3.26	398	1.32	532	1.81
WEST SOUTH CENTRAL	2,050	3.30	2,451	1.31	4,501	2.22
Southwest Plains	489	3.28	744	1.36	1,232	2.12
Texas	1,562	3.31	1,707	1.29	3,269	2.25
MOUNTAIN	1,074	3.29	2,403	1.41	3,477	1.99
Eastern Colorado	193	3.28	535	1.36	727	1.87
Western Colorado	19	3.30	56	1.44	75	1.90
S.W. Idaho-E. Oreg	34	3.32	144	1.50	177	1.84
Great Basin	188	3.28	721	1.42	909	1.80
Central Arizona	270	3.27	663	1.43	933	1.97
New Mexico-West Texas	370	3.32	285	1.39	655	2.48
PACIFIC	370	3.23	1,869	1.40	2,239	1.70
Pacific Northwest	370	3.23	1,869	1.40	2,239	1.70
Combined areas [4]	15,258	3.25	29,051	1.29	44,309	1.96

[1] In-area sales include total sales in each of the areas by handles regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated. [2] Plain, flavored, and miscellaneous whole milk products. [3] Plain, fortified, flavored, and miscellaneous lowfat and skim milk products, and buttermilk. [4] Figures are based on the same group of comparable markets-markets where the orders were in effect the entire period, January l, l995-December 31, l996, and for which the data were not affected significantly by marketing area changes; excludes Paducah, and Black Hills see [5] and [7]. [5] Effective November l, l995, the Federal milk order regulating this marketing area were terminated. Data for 1995 are for January through October. [6] New marketing area, effective July l, l995, resulting from the merger of the Georgia, Alabama-West Florida , New Orleans-Mississippi, Central Arkansas, Greater Louisiana marketing areas and an accompanying marketing area expansion. Data for the period prior to this date have been estimated based on the area covered by the new marketing area. [7] Effective October 1, 1996, the Federal milk order regulating this marketing area was terminated. Data for 1996 are for January through September.

AMS, Dairy Programs, (202) 720–7461.

Table 8-26.—Milk: Supply and utilization, United States, 1987–96

Item	1987	1988	1989	1990	1991
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Milk production	142,709	145,034	143,893	147,721	147,697
Net imports of ingredients (milk equivalent)[2]	238	212	183	195	102
Net change in storage cream (milk equivalent)[3]	13	0	-2	−4	0
Total supply	142,960	145,246	144,074	147,912	147,799
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent	24,966	27,116	28,486	29,391	30,039
Milk equivalent of butter from whey cream	2,894	4,017	3,961	4,348	4,296
Net milk equivalent	21,072	23,099	24,525	25,043	25,743
Cheese:					
American	27,297	27,571	26,605	28,964	27,950
Other	15,554	16,540	16,943	18,404	18,819
Cottage cheese, creamed	884	857	704	672	644
Canned milk:					
Evaporated and sweetened condensed	1,272	1,285	1,144	1,332	1,194
Bulk condensed whole milk:					
Unsweetened	707	640	428	351	364
Sweetened	184	172	215	243	236
Dry whole milk	1,067	1,263	1,286	1,292	785
Ice cream and other frozen dairy products, total milk equivalent	15,697	15,115	14,600	14,321	14,818
Milk equivalent of butter and condensed milk used in ice cream	2,241	2,155	2,069	2,014	2,092
Net milk equivalent	13,456	12,960	12,531	12,307	12,726
Other manufactured products[4]	452	388	357	332	356
Total manufactured products	81,945	84,775	84,738	88,940	88,817
Available for use in fluid products:					
Sold by dealers	52,232	53,277	54,235	54,435	54,815
Sold by producers directly to consumers[5]	1,197	1,134	1,038	953	981
Total available for fluid products	53,429	54,411	55,273	55,388	55,796
Used on farms where produced:					
Fed to calves	1,599	1,589	1,496	1,484	1,480
Used for farm-churned butter	659	613	563	512	494
Total used on farms	2,258	2,201	2,059	1,996	1,974
Residual[6]	5,327	3,646	1,822	1,396	1,110
Total utilization	142,960	145,034	143,893	147,721	147,697

See footnotes at end of table.

Table 8-26.—Milk: Supply and utilization, United States, 1987–96—Continued

Item	1992	1993	1994	1995	1996 [1]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Milk production	150,885	150,582	153,664	155,425	154,331
Net imports of ingredients (milk equivalent) [2]	145	127	148	144	182
Net change in storage cream (milk equivalent) [3]	−5	5	−1	1	N.A.
Total supply	151,025	150,714	153,811	155,570	154,513
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent	30,478	29,493	29,127	28,388	26,187
Milk equivalent of butter from whey cream	4,150	4,500	4,592	4,735	4,911
Net milk equivalent	26,328	24,993	24,535	23,653	21,276
Cheese:					
American	29,263	29,415	29,651	31,175	32,551
Other	20,195	20,456	21,492	21,414	21,386
Cottage cheese, creamed	592	557	524	494	461
Canned milk:					
Evaporated and sweetened condensed	1,872	1,178	1,184	1,049	1,013
Bulk condensed whole milk:					
Unsweetened	417	244	205	203	242
Sweetened	301	324	277	254	266
Dry whole milk	1,227	1,130	1,227	1,262	983
Ice cream and other frozen dairy products, total milk equivalent	14,191	14,058	15,265	15,094	15,248
Milk equivalent of butter and condensed milk used in ice cream	2,367	1,995	2,083	2,053	2,058
Net milk equivalent	11,824	12,063	13,182	13,041	13,190
Other manufactured products [4]	188	199	216	252	217
Total manufactured products	92,207	90,559	92,493	92,795	91,585
Available for use in fluid products:					
Sold by dealers	54,244	54,361	53,583	55,114	55,797
Sold by producers directly to consumers [5]	1,050	967	1,057	1,306	1,323
Total available for fluid products	55,294	55,328	54,640	56,420	57,120
Used on farms where produced:					
Fed to calves	1,436	1,408	1,305	1,230	1,189
Used for farm-churned butter	455	428	394	346	301
Total used on farms	1,892	1,836	1,700	1,576	1,489
Residual [6]	1,632	2,991	4,978	4,779	4,319
Total utilization	151,025	150,714	153,811	155,570	154,513

[1] Preliminary. [2] Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures. [3] 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. [4] 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. [5] Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds. [6] Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates. NA-not available.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-27.—Milk markets under Federal order program: Blend and Class I milk prices at 3.5 percent fat test, number of producers, producer deliveries, producer deliveries used in Class I, Class I percentage, average daily deliveries per producer, average fat test of milk delivered by markets, 1995 and 1996

Federal milk order marketing area	Class I price per hundredweight		Blend price per hundredweight [1]		Average number of producers		Total producer deliveries	
	1996	1995	1996	1995	1996	1995	1996	1995
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Number*	*Number*	*Million Pounds*	*Million Pounds*
NORTH ATLANTIC								
New England [2]	16.88	14.87	15.32	13.32	4,019	4,102	5,383	5,370
New York-New Jersey [3]	16.75	14.77	15.10	13.27	10,855	11,352	11,721	11,935
Middle Atlantic [4]	16.73	14.66	14.97	12.96	4,990	4,967	6,092	6,210
SOUTHEASTERN								
Carolina [5]	16.70	14.70	16.15	14.04	1,633	1,641	2,623	2,591
Tenn. Valley [6]	16.41	14.39	15.81	13.70	1,574	1,601	1,372	1,437
Southeast [7 8]	16.70	14.78	15.99	14.05	3,929	4,377	5,108	5,435
Upper Florida	17.21	15.13	.....	14.55	.....	217	.....	720
Tampa Bay [9]	17.46	15.51	16.87	15.04	477	261	2,777	1,091
Southeastern Florida [10]	17.81	15.81	.....	15.54	.....	110	.....	989
EAST NORTH CENTRAL								
Mich. Upper Penin. [11]	15.00	12.98	14.61	12.69	87	95	64	63
Southern Mich. [12 13]	15.38	13.37	14.34	12.43	3,605	3,749	4,474	4,642
East. Ohio-W. Pa. [14]	15.63	13.63	14.64	12.73	3,691	3,983	3,282	3,476
Ohio Valley [15]	15.68	13.67	14.79	12.86	2,829	2,910	2,977	2,877
Indiana [16]	15.54	13.53	14.80	12.83	1,744	1,801	1,917	1,944
Chicago Regional [12 17]	15.04	13.03	13.64	12.06	15,424	17,577	12,523	14,249
Central Illinois [18]	15.24	13.24	14.92	12.82	206	227	175	203
S. Ill.-E. Mo. [12 19]	15.52	13.55	14.71	12.78	2,016	2,222	1,932	2,259
Louis.-Lex.-Evans.	15.71	13.74	15.21	13.14	1,368	1,468	1,042	1,113
WEST NORTH CENTRAL								
Upper Midwest [12 20]	14.86	12.83	13.50	11.90	11,820	12,090	8,402	9,259
Iowa [12 21]	15.19	13.18	13.95	12.26	3,119	3,301	2,695	2,892
Nebr.-W. Iowa [12 22]	15.39	13.38	13.99	12.27	1,297	1,512	1,490	1,700
G. Kans. City [23]	15.17	13.55	15.09	13.13	619	602	662	666
WEST SOUTH CENTRAL								
Southwest Plains [24]	16.42	14.39	14.94	12.88	2,902	3,276	3,514	4,031
Texas [25]	16.81	14.78	15.05	13.18	1,732	2,071	6,561	6,565
MOUNTAIN								
E. Colorado [26]	16.37	14.35	14.82	13.02	445	526	1,784	1,766
SW. Idaho-E. Oreg. [12 27]	15.14	13.12	13.57	11.91	411	413	2,622	2,159
Great Basin. [12 28]	15.54	13.53	14.33	12.53	625	658	2,540	2,403
Central Arizona [29]	16.14	14.14	14.46	12.76	133	135	2,383	2,253
New Mex.-W.Texas [30]	15.97	13.97	14.07	12.39	225	179	2,121	1,862
PACIFIC								
Pacific Northwest [12 31]	15.54	13.52	13.96	11.89	1,236	1,319	6,265	6,388

See footnotes at end of table.

Table 8-27.—Milk markets under Federal order program: Blend and Class I milk prices at 3.5 percent fat test, number of producers, producer deliveries, producer deliveries used in Class I, Class I percentage, average daily deliveries per producer, average fat test of milk delivered by markets, 1995 and 1996-Continued

Federal milk order marketing area	Producer Deliveries used in CL. I		Class I utilization		Daily deliveries per producer		Average fat test	
	1996	1995	1996	1995	1996	1995	1996	1995
	Million Pounds	*Million Pounds*	*Percent*	*Percent*	*Pounds*	*Pounds*	*Percent*	*Percent*
NORTH ATLANTIC								
New England [2]	2,599	2,574	48.3	47.9	3,658	3,587	3.73	3.69
New York-New Jersey [3]	4,784	4,804	40.8	40.3	2,949	2,879	3.70	3.65
Middle Atlantic [4]	2,903	2,774	47.7	44.7	3,347	3,425	3.71	3.65
SOUTHEASTERN								
Carolina [5]	2,165	1,993	82.5	76.9	4,433	4,386	3.67	3.60
Tenn. Valley [6]	1,079	1,058	78.6	73.6	2,385	2,462	3.61	3.58
Southeast [7 8]	4,120	4,158	80.7	76.5	3,552	3,491	3.59	3.56
Upper Florida	.....	603	.....	83.6	.....	20,187	.....	3.50
Tampa Bay [9]	2,440	936	87.8	85.8	22,905	16,127	3.59	3.50
Southeastern Florida [10]	.....	914	.....	92.4	.....	45,751	.....	3.45
EAST NORTH CENTRAL								
Mich. Upper Penin. [11]	50	48	46.3	76.3	2,019	1,844	3.70	3.68
Southern Mich. [12 13]	2,071	2,072	76.3	44.6	3,392	3,391	3.68	3.66
East. Ohio-W. Pa. [14]	1,754	1,794	53.5	51.6	2,430	2,389	3.75	3.72
Ohio Valley [15]	1,678	1,577	56.4	54.8	2,876	2,710	3.73	3.73
Indiana [16]	1,188	1,175	62.0	60.5	3,008	2,963	3.73	3.74
Chicago Regional [12 17]	2,554	2,517	20.4	17.7	2,190	2,204	3.78	3.75
Central Illinois [18]	142	139	81.2	68.4	2,330	2,447	3.74	3.74
S. Ill.-E. Mo. [12 19]	1,103	1,152	57.1	51.0	2,618	2,770	3.73	3.71
Louis.-Lex.-Evans.	811	811	77.9	72.8	2,084	2,086	3.63	3.62
WEST NORTH CENTRAL								
Upper Midwest [12 20]	1,647	1,595	19.6	17.2	2,574	2,446	3.75	3.72
Iowa [12 21]	973	980	36.1	33.9	2,665	2,662	3.75	3.71
Nebr.-W. Iowa [12 22]	610	598	41.0	35.2	3,515	3,204	3.74	3.71
G. Kans. City [23]	342	444	.....	66.6	3,159	3,032	3.70	3.68
WEST SOUTH CENTRAL								
Southwest Plains [24]	1,502	1,514	42.8	37.6	3,307	3,364	3.62	3.60
Texas [25]	3,260	3,118	49.7	47.5	10,322	8,701	3.57	3.56
MOUNTAIN								
E. Colorado [26]	812	784	45.5	44.4	10,982	9,163	3.66	3.64
SW. Idaho-E. Oreg. [12 27]	180	179	6.9	8.3	17,434	14,217	3.61	3.62
Great Basin. [12 28]	877	839	34.5	34.9	11,109	9,977	3.63	3.60
Central Arizona [29]	1,031	1,037	43.3	46.0	48,989	45,846	3.59	3.62
New Mex.-W.Texas [30]	681	693	32.1	37.2	27,749	33,376	3.57	3.61
PACIFIC								
Pacific Northwest [12 31]	2,130	2,089	34.0	32.7	13,911	13,149	3.64	3.63

[1] For pricing location of Class I and blend prices, see indicated footnotes. For individual handler pools, figures are the weighted average of blend prices for all handlers. For markets with base-excess plans, figures are the weighted average of base and excess prices. For markets with multiple component pricing plans, figures are the basic formula price plus the weighted average differential price. [2] Zone 1 (Boston). Price at 201-210 mile zone: Class I and blend are 72 cents less. [3] New York metropolitan area. Prices at 201-210 mile zone: Class I and blend 72 cents less. [4] Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. [5] Charlotte. [6] Bristol, Chattanooga, and Knoxville. [7] New marketing area. Effective July 1, 1995, The Georgia, Alabama-West Florida, New Orleans-Mississippi, Central Arkansas, and Greater Louisiana marketing areas were merged to form the Southeast marketing area. Data for the period prior to this date are the summation or weighted average of the data for the five merged markets. Figures for 1995 also include data for the Paducah order. [8] Zone 7 (Atlanta and Birmingham). [9] For 1996, except for the Class I price, data are a summation or weighted average of the Tampa Bay, Upper Florida, and Southeastern Florida marketing areas. The data are combined in order to mask the data for Upper Florida which are restricted. [10] Miami. [11] Zone II (Marquette). [12] Because the blend price adjusted for location was equal to or less than the Class III price in the outer zones of these markets in some months, in 1995 and 1996 handlers elected not to pool milk that normally would have been pooled under those orders. [13] Zone I, Detroit. Price excludes direct delivery differential applicable to milk delivered to Detroit of 10 cents. [14] Cleveland and Pittsburgh. [15] Zone 3 (Columbus). [16] Indianapolis. [17] Zone I (Chicago). [18] Peoria. [19] Base zone (Alton). [20] Zone I (Minneapolis). [21] Zone 1 (Des Moines). [22] Zone 1 (Omaha). [23] Kansas City and Topeka. Note: Price data are for Greater Kansas City. Other data are a combination of Greater Kansas City, Eastern South Dakota, and Black Hills (through September 1996). Effective October 1, 1996, the Black Hills Federal milk order was terminated. Consequently, the Class I use data for the two remaining orders became confidential and could not be included in the annual figures. [24] Zone I (Oklahoma City). [25] Zone I (Dallas). [26] Denver. Note: Price data are for Eastern Colorado. Other data are a combination of Eastern Colorado and Western Colorado. [27] Boise, Idaho. [28] Salt Lake City, Utah. [29] Phoenix. [30] Albuquerque, Santa Fe, and El Paso. [31] Zone I (Seattle and Portland).

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Table 8-28.—Fluid milk and cream: Total and per capita consumption, United States, 1987–96 [1]

Year	Consumption		Year	Consumption	
	Total	Per capita		Total	Per capita
	Billion pounds	*Pounds*		*Billion pounds*	*Pounds*
1987	57.8	238	1992	58.8	230
1988	57.3	234	1993	58.2	226
1989	58.3	236	1994	58.9	226
1990	58.2	233	1995	58.7	223
1991	58.8	233	1996	59.3	224

[1] Sales of beverage, cream, and specialty fluid products plus farm household use.

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Table 8-29.—Dairy products: Average price per pound for specified products, 1992–96

Item and market	1992	1993	1994	1995	1996
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA	0.8427	0.7693	0.7068	0.8188	1.0824
Grade A	0.8254	0.7436	0.6737	0.7559	1.0035
Butter [1] Chicago Mercantile Exchange:					
Grade AA.					
High	0.9725	0.8125	0.7575	1.1000	1.5300
Low	0.7525	0.6400	0.6500	0.6500	0.7200
Grade A					
High	0.9625	0.7625	0.7100	1.0300	1.4700
Low	0.7425	0.6300	0.6300	0.6300	0.6400
Cheese, Cheddar, f.o.b. Wisconsin Assembly Points:					
Barrels	1.2512	1.2612	TFEWR	TFEWR	1.4172
40-pound blocks	1.3191	1.3152	1.3145	1.3277	1.4914
Cheese, cheddar, [1] National Cheese Exchange, Inc.: [2]					
Barrels:					
High	1.3500	1.3650	1.3725	1.3825	1.6675
Low	1.1350	1.1200	1.1650	1.1725	1.1475
40-pound blocks:					
High	1.3875	1.3925	1.3975	1.4225	1.6950
Low	1.1525	1.1600	1.1825	1.2000	1.1875
Nonfat dry milk, f.o.b.plant, Western States Production Area: [3]					
Low/medium heat	.....	.....	1.0460	1.0549	1.1708
High heat	1.0305	1.0740	1.0639	1.0721	1.2049
Whey Powder, f.o.b. plant, Western States Production Area:					
Edible (nonhygroscopic)	0.2084	0.1770	0.1835	0.2075	0.2202

TFEWR:Too few to report; one or more monthly averages was not available. [1] Prices represent high and low for the year. [2] Green Bay, Wisconsin. [3] Over this time period, the product reported in this price series has changed as follows. For 1992, Extra Grade and Grade A were reported separately; figures shown are for Grade A, Extra Grade was TFEWR. In 1993, Extra Grade and Grade A were combined. In April 1994, the low/medium heat and high heat treatments were reported separately; figures shown are the average for April-December.

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Table 8-30.—Dairy products: Total disappearance, and total and per capita consumption, United States, 1987–96 [1]

Year	Butter			Cheese [2]			Condensed and evaporated milk [3]		
	Total disappearance	Consumption		Total disappearance	Consumption		Total disappearance	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*
1987	1,214	1,132	4.7	5,939	5,851	24.1	976	910	3.7
1988	1,144	1,102	4.5	5,886	5,810	23.7	927	857	3.5
1989	1,240	1,077	4.4	5,959	5,885	23.8	819	759	3.1
1990	1,165	1,095	4.4	6,231	6,156	24.6	828	787	3.1
1991	1,209	1,101	4.4	6,393	6,321	25.0	854	800	3.2
1992	1,464	1,114	4.4	6,720	6,642	26.0	872	820	3.2
1993	1,530	1,209	4.7	6,853	6,766	26.2	843	785	3.0
1994	1,463	1,255	4.8	7,095	6,994	26.8	733	668	2.6
1995	1,329	1,186	4.5	7,279	7,174	27.3	699	608	2.3
1996	1,182	1,138	4.3	7,478	7,364	27.7	690	600	2.3

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Consumption		Total disappearance	Consumption		Total disappearance	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*
1987	4,456	4,456	18.4	145	133	.55	1,571	603	2.5
1988	4,234	4,234	17.3	167	143	.58	1,106	633	2.6
1989	3,990	3,990	16.1	176	134	.54	882	526	2.1
1990	3,953	3,953	15.8	177	159	.64	767	723	2.9
1991	4,107	4,107	16.3	110	92	.36	826	656	2.6
1992	4,157	4,157	16.3	167	124	.49	1,008	719	2.8
1993	4,157	4,157	16.1	157	101	.39	946	634	2.5
1994	4,205	4,205	16.1	164	103	.40	1,191	914	3.5
1995	4,139	4,139	15.7	173	106	.40	1,280	910	3.5
1996	4,217	4,217	15.9	137	95	.36	1,081	1,004	3.8

[1] 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 consumption was obtained by subtracting ending stocks, shipments, and exports, from the total supply. The per capita consumption for each year was obtained by dividing the total apparent consumption by the number of persons. [2] Includes all kinds of cheese except cottage and full-skim American. [3] The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened, unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

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Table 8-31.—Dairy products: Dec. 31 stocks, United States, 1987–96

Year	Butter [1 2]	Cheese [1 3]	Canned milk [1]	Dry whole milk	Nonfat dry milk for human consumption [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
1987	147,291	460,154	33,914	8,042	177,191
1988	214,992	397,706	45,316	12,779	53,077
1989	274,832	329,455	27,792	12,967	49,500
1990	416,518	457,977	58,818	11,193	161,931
1991	549,581	416,287	35,787	8,490	214,784
1992	454,211	470,496	44,308	9,144	81,198
1993	243,839	465,762	34,281	6,479	89,568
1994	80,181	437,256	47,014	9,220	131,201
1995	18,628	412,237	31,701	7,318	84,978
1996	13,707	487,174	19,937	6,422	71,414

[1] Includes Government holdings. [2] Includes butter equivalent of butteroil held by CCC. [3] Excludes cottage and full-skim American cheese. Includes process American cheese held by CCC

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Table 8-32.—Butter: Production in specified countries, 1994–96

Continent and country	1994	1995	1996 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	88	93	93
Mexico	22	22	13
United States	588	573	533
Total	698	688	639
South America:			
Argentina	43	51	52
Brazil	60	65	70
Total	103	116	122
Europe:			
Austria	42	42	42
Belgium and Luxembourg	73	91	87
Denmark	59	54	56
Finland	54	53	54
France	444	453	462
Germany	461	486	480
Greece	6	6	5
Ireland	136	150	150
Italy	77	81	81
Netherlands	159	132	127
Portugal	17	19	21
Spain	19	25	23
Sweden	32	28	30
United Kingdom	154	130	130
Total	1,733	1,750	1,748
Other Europe:			
Switzerland	41	42	40
Total	41	42	40
Eastern Europe:			
Poland	160	163	160
Romania	13	16	13
Total	173	179	173
Former USSR:			
Russia	488	419	290
Ukraine	254	219	163
Total	742	638	453
North Africa:			
Egypt	7	6	7
Total	7	6	7
Southeast Asia:			
India [2]	1,200	1,300	1,400
Total	1,200	1,300	1,400
Asia:			
Japan	80	80	86
Total	80	80	86
Oceania:			
Australia [3]	147	138	153
New Zealand [4]	297	280	309
Total	444	418	462
Grand total	5,221	5,217	5,130

[1] Preliminary. [2] Year ending April 1 of the year shown. [3] Year ending June 30 of the year shown. [4] Year ending May 31 of the year shown.

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Table 8-33.—Dairy products: United States imports by type of product, 1987–96

Year	Dried milk [1]	Cheese				Butter [4]	Casein
		Swiss [2]	Cheddar [3]	Other	Total		
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1987	1,301	26,665	4,494	88,823	119,982	905	108,136
1988	988	23,306	5,438	85,833	114,577	1,020	73,676
1989	1,196	26,495	5,737	94,369	126,601	2,038	81,794
1990	810	30,563	8,970	97,553	137,086	1,464	85,119
1991	1,339	27,556	8,726	100,211	136,493	1,374	85,576
1992	1,238	24,466	8,186	97,013	129,665	947	91,340
1993	1,268	29,265	9,130	107,346	145,741	1,706	77,411
1994	1,593	29,554	7,802	119,349	156,705	1,245	95,972
1995	1,128	26,879	14,784	115,354	157,017	697	90,392
1996 [5]	3,968	28,608	17,368	106,424	152,400	4,783	97,647

[1] Includes whole and skimmed milk. [2] Includes Emmenthaler with eye-formation. [3] Includes American and Colby cheese. [4] Includes butter oil. [5] Preliminary.

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Table 8-34.—Cheese: Production in specified countries, 1994–96

Continent and country	1994	1995	1996 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	282	277	289
Mexico	116	116	110
United States	3054	3138	3274
Total	3,452	3,531	3,673
South America:			
Argentina	385	370	390
Brazil	330	360	385
Venezuela	74	76	77
Total	789	806	852
EU:			
Austria	84	79	81
Belgium and Luxembourg	56	54	64
Denmark	286	311	298
Finland	80	83	83
France	1,541	1,579	1,594
Germany	855	875	947
Greece	202	200	195
Ireland	92	80	92
Italy	913	942	950
Netherlands	648	680	688
Portugal	69	70	71
Spain	160	165	160
Sweden	133	128	127
United Kingdom	326	354	364
Total EU	5,445	5,600	5,714
Other Western Europe:			
Switzerland	137	131	133
Total	137	131	133
Eastern Europe:			
Poland	129	123	133
Romania	91	90	92
Total	220	213	225
Former USSR:			
Russia	285	217	173
Ukraine	105	72	60
Total	390	289	233
North Africa:			
Egypt	305	310	325
Total	305	310	325
Asia:			
Japan	30	31	33
Total	30	31	33
Oceania:			
Australia [2]	234	241	268
New Zealand [3]	192	197	230
Total	426	438	498
World total	11,194	11,349	11,686

[1] Preliminary. [2] Year ending June 30. [3] Year ending May 31.

FAS, Dairy, Livestock and Poultry Division, (202) 720–3761. 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 8-35.—Dairy products: United States imports by country of origin, 1994–96

Commodity and country of origin	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cheese, all types:			
Canada	2,575	5,020	4,938
Argentina	3,270	4,895	2,322
Austria	7,992	4,345	2,997
Belgium and Luxembourg	695	806	811
Denmark	13,478	13,272	13,430
Finland	5,785	6,760	6,412
France	9,179	10,589	11,183
Germany, Fed. Rep. of	3,923	1,902	6,564
Ireland	4,117	2,129	3,648
Italy	28,264	28,734	27,581
Netherlands	7,930	9,613	9,578
Norway	6,373	7,095	6,561
Portugal	695	568	575
Sweden	1,162	887	445
Switzerland	5,961	8,967	5,795
United Kingdom	11,156	4,757	9,207
Israel	1,285	1,239	1,166
Czech Republic	55	56	140
Hungary	899	1,236	447
Poland	9,148	8,497	4,667
Australia	5,196	6,585	5,799
New Zealand	15,417	17,421	18,857
Other countries	55,124	57,331	51,370
Total	156,705	157,017	152,400
Cheese, cheddar [2]:			
Canada	795	871	1,112
Ireland	69	150	154
Netherlands	69	150	154
United Kingdom	220	185	540
Australia	2,014	1,879	2,568
New Zealand	4,347	6,039	7,587
Other countries	288	5,510	5,253
Total	7,802	14,784	17,368
Cheese, Swiss [3]:			
Canada	.....	272	1,139
Austria	6,303	2,159	2,159
Denmark	3,218	2,425	2,425
Finland	5,248	6,115	6,115
France	988	974	974
Germany, Fed. Rep. of	1,497	289	289
Netherlands	284	174	174
Norway	5,992	6,798	6,798
Switzerland	3,340	5,729	5,729
Other countries	2,684	2,216	2,216
Total	29,554	26,879	26,879

[1] Preliminary. [2] Includes American and Colby cheese. [3] Includes Emmenthaler with eye-formation.

FAS, Dairy, Livestock and Poultry Division, (202) 720–3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-36.—Dairy products: Exports by principal exporting countries, 1994–96 [1]

Commodity and country	1994	1995	1996 [2]
	Metric tons	*Metric tons*	*Metric tons*
Butter:			
United States	94,000	64,000	19,000
Belgium/Luxembourg	32,000	34,000	18,000
Denmark	16,000	20,000	31,000
France	19,000	19,000	46,000
Germany, Fed. Rep of	4,000	26,000	11,000
Ireland	14,000	9,000	24,000
Netherlands	56,000	46,000	30,000
Poland	8,000	10,000	13,000
Australia [3]	94,000	85,000	75,000
New Zealand [4]	256,000	234,000	238,000
Other	85,000	124,000	137,000
Total	678,000	671,000	642,000
Cheese [5]:			
Denmark	126,000	115,000	85,000
Finland	27,000	29,000	10,000
France	104,000	105,000	112,000
Germany, Fed. Rep . of	79,000	95,000	113,000
Italy	38,000	37,000	42,000
Netherlands	111,000	111,000	101,000
Switzerland	59,000	64,000	57,000
Australia [3]	97,000	111,000	111,000
New Zealand [4]	138,000	138,000	173,000
Other	138,000	169,000	119,000
Total	917,000	969,000	923,000

Commodity and country	1994	1995	1996 [2]
	Metric tons	*Metric tons*	*Metric tons*
Milk, dried whole:			
United States	26,000	29,000	18,000
Argentina	24,000	58,000	55,000
Belgium/Luxembourg	74,000	131,000	60,000
Denmark	94,000	90,000	82,000
France	103,000	73,000	122,000
Ireland	28,000	25,000	25,000
Netherlands	205,000	224,000	177,000
United Kingdom	44,000	50,000	56,000
Australia [3]	74,000	93,000	93,000
New Zealand [4]	306,000	318,000	275,000
Other	58,000	36,000	40,000
Total	1,036,000	1,127,000	1,003,000
Milk, nonfat dry milk:			
Canada	35,000	44,000	35,000
United States	123,000	170,000	31,000
Belgium/Luxembourg	29,000	112,000	58,000
France	18,000	23,000	37,000
Germany, Fed. Rep. of	33,000	73,000	43,000
Ireland	26,000	34,000	30,000
Netherlands	21,000	86,000	26,000
Poland	112,000	98,000	77,000
Australia [3]	176,000	188,000	167,000
New Zealand [4]	151,000	167,000	150,000
Other	128,000	205,000	114,000
Total	852,000	1,114,000	768,000

[1] Within the European Union, exports to other members are not included. [2] Preliminary. [3] Year ending June 30. [4] Year ending May 31. [5] Excludes fresh cheese. .

FAS, Dairy, Livestock and Poultry Division, (202) 720–3761. Prepared 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 8-37.—Dairy products: United States exports by type of product, 1987–96

Year	Butter	Cheese	Milk and cream			
			Evaporated and condensed	WMP—Whole dried	Nonfat dry milk	Ice cream
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1987	7,474	19,560	2,348	3,477	299,529	NA
1988	6,804	13,602	3,478	8,394	218,356	NA
1989	27,142	10,111	13,778	39,976	117,120	7,059
1990	52,449	11,885	3,934	5,113	7,722	12,698
1991	16,148	12,110	3,302	8,561	43,501	21,813
1992	66,896	15,206	8,800	28,203	74,577	32,583
1993	92,300	16,346	10,734	37,576	75,708	30,865
1994	45,487	22,499	19,595	29,230	49,045	36,320
1995	37,689	29,519	41,378	64,297	59,311	37,827
1996 [1]	20,795	32,428	39,580	16,181	18,422	39,765

[1] Preliminary. NA-not available. Ice cream data before 1989 in dollar value only.

FAS, Dairy, Livestock and Poultry Division, (202) 720–3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-38.—Dairy products: United States exports by country of destination, 1994–96

Commodity and country of destination	1994	1995	1996 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cheese, all types:			
Algeria	0	1,952	0
Australia	41	58	251
Bahamas	113	126	96
Bermuda	248	238	234
Belize	101	60	40
Canada	1,911	3,106	3,467
Cayman Island	19	32	14
Colombia	227	208	284
Dominican Rep	207	304	378
Egypt	76	185	111
Guatemala	302	384	40
Haiti	11	62	93
Hong Kong	430	366	310
Indonesia	2	11	17
Jamaica	74	169	278
Japan	2,125	5,045	6,784
Korea	787	3,035	4,069
Leeward-Windward Is	5	22	22
Mexico	9,962	4,636	4,726
Netherlands	36	32	142
Netherland Antilles	175	151	145
Panama	139	131	105
Philippines	465	152	421
Saudi Arabia	368	804	817
Singapore	155	236	290
South Africa	90	84	74
Taiwan	184	274	297
Trinidad and Tobago	115	124	112
Venezuela	129	278	366
Other countries	4,002	7,254	8,445
Total	22,499	29,519	32,428
Butter:			
Bahamas	68	137	117
Canada	171	311	427
Dominican Rep	42	140	79
Mexico	4,719	1,973	948
Mongolia	2501	0	0
Poland	0	0	0
Russia	11,388	12,971	6,066
Byelarus	0	0	0
Armenia, Rep. of	4,483	0	0
Albania	0	0	0
Romania	3,533	0	0
Other countries	18,942	22,157	13,158
Total	45,847	37,689	20,795
Milk, nonfat dry:			
Algeria	20,730	34,912	2,167
Brazil	22	1,064	157
Colombia	1	19	306
Chile	154	981	7
Egypt	1,104	793	973
El Salvador	948	448	38
Ecuador	16	0	60
Guatemala	286	178	52
Indonesia	0	419	34
Hong Kong	204	786	83
Jamaica	0	0	2
Mexico	20,607	13,359	5,442
Peru	165	930	543
Philippines	31	624	1,865
Taiwan	242	345	100
South Africa	0	17	0
Other Countries	4,535	4,436	6,593
Total	49,045	59,311	18,422
Infants dietary supplements, dry milk base:			
Canada	1,759	1,592	5,460
Dominican Republic	61	59	165
Bermuda	62	9	118
Bahamas	62	111	289
Haiti	0	101	67
Mexico	38	252	827
Panama	6	67	58
Jordan	60	195	198
Russia	1,128	26	248
Taiwan	10,131	6,002	4,483
Hong Kong	1,173	2,690	7,460
Malaysia	0	106	158
France	5	0	3
Spain	0	1	5
Singapore	51	126	203
Trinidad & Tobago	35	108	166
Australia	4	17	24
Costa Rica	17	31	51
Bulgaria	55	0	0
Thailand	1,341	27	199
Other countries	820	1,213	2,213
Total	16,808	12,733	22,395

[1] Preliminary.

FAS, Dairy, Livestock and Poultry Division, (202) 720–3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-39.—Dairy products: Price-support operations, United States, 1988–97

Marketing year [1]	Manufacturing milk		Product purchase price per pound [2]		
	Support level				
	At national average milkfat test, per cwt.	Average price received by farmers per cwt.	Butter [3]	Cheddar cheese [4]	Nonfat milk, spray process [5]
	Dollars	*Dollars*	*Cents*	*Cents*	*Cents*
1987–88	(6) 10.60	11.03	(6) 132.00	(6) 115.25	(6) 72.75
	10.60	.....	132.00	115.25	72.75
1988–89	(7) 11.10	.....	132.00	(7) 120.25	(7) 79.00
	(8) 10.60	11.93	(8) 120.50	(8) 115.50	79.00
	10.60	.....	120.50	115.50	79.00
1989–90	(9) 10.10	13.28	(9) 109.25	(9) 111.00	79.00
	.....	.....	(10) 98.25	111.00	(10) 85.00
1990–91	10.10	10.67	98.25	111.00	85.00
1991–92	10.10	12.03	98.25	111.00	85.00
	.....	.....	(11) 87.25	(11) 111.375	(11) 91.20
	.....	.....	(12) 76.25	(12) 111.75	(12) 97.30
1992–93	10.10	11.60	76.25	111.75	97.30
	.....	.....	(13) 65.00	(13) 112.00	(13) 103.40
1993–94	10.10	11.98	65.00	112.00	103.40
1994–95	10.10	11.52	65.00	112.00	103.40
1995–96	10.10	.....	65.00	112.00	103.40
	(14) 10.35	13.38	65.00	(14) 114.50	(14) 106.50
1996–97	10.35	.....	65.00	114.50	106.50
	(15) 10.20	(16) 12.00	65.00	(15) 113.00	(15) 104.70

[1] October 1-September 30. [2] Announced purchase prices for products in bulk containers. [3] Through March 31, 1985, 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. Effective April 1, 1985, single nationwide price. [4] U.S. Grade A or higher, standard moisture basis. [5] U.S. Extra Grade, not more than 3.5 percent moisture content. Prices quoted are for product in 50-lb bags. [6] Effective January 1, 1988. [7] Effective April 1, 1989. [8] Effective July 1, 1989. [9] Effective January 1, 1990. [10] Effective April 21, 1990. [11] Effective January 17, 1992. [12] Effective May 13, 1992. [13] Effective July 7, 1993. [14] Effective January 1, 1996. [15] Effective January 1, 1997. [16] Estimated.

FSA, Dairy & Sweeteners Analysis, (202) 720–5653.

Table 8-40.—Chickens: Number and value, United States, Dec. 1, 1988–97 [1]

Year	Layers 1 year old and older	Layers 20 weeks old but less than 1 year	Pullets		Other chickens	All chickens	Value per head	Total value
			13 weeks to 20 weeks old	Under 13 weeks old				
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Dollars*	*1,000 dollars*
1988	123,435	152,714	33,739	40,859	6,061	356,808	2.04	727,575
1989	118,839	153,230	35,769	43,415	5,988	357,241	2.16	772,798
1990	119,551	153,916	34,222	38,945	6,545	353,179	2.29	807,572
1991	117,178	162,943	34,272	42,344	6,857	363,594	2.30	834,656
1992	121,103	163,397	34,710	45,160	7,113	371,483	2.26	838,200
1993	131,688	158,938	33,833	47,941	7,240	379,640	2.37	898,059
1994	135,091	163,418	32,805	45,146	7,369	383,829	2.35	900,111
1995	133,537	165,216	32,786	45,446	7,637	384,622	2.42	929,943
1996	137,822	165,932	31,366	44,611	7,243	386,974	2.65	1,026,245
1997 [2]	140,686	170,398	34,174	50,693	7,544	403,495	2.72	1,0 98,705

[1] Does not include commercial broilers. [2] Preliminary.

NASS Livestock and Economics Branch, (202) 720-6146.

Table 8-41.—Chickens: Layers, by State and United States, Dec. 1, 1996–97

State	Layers					
	Layers 1 year ould and older		Layers 20 weeks old but less than 1 year		Total	
	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	4,530	4,292	6,080	6,200	10,610	10,492
AR	4,827	6,070	9,776	8,351	14,603	14,421
CA	16,520	15,270	10,130	11,010	26,650	26,280
CO	1,813	1,910	1,530	1,760	3,343	3,670
CT	1,090	1,141	2,523	2,318	3,613	3,459
DE	243	150	225	250	468	400
FL	4,335	6,216	5,662	4,522	9,997	10,738
GA	7,950	6,680	11,260	13,840	19,210	20,520
HI	490	465	235	263	725	728
ID	614	546	300	385	914	931
IL	1,167	1,534	2,094	1,679	3,261	3,213
IN	8,022	10,238	12,379	12,076	20,401	22,314
IA	11,749	11,655	8,860	10,130	20,609	21,785
KS	740	505	500	843	1,240	1,348
KY	585	1,550	2,200	1,650	2,785	3,200
LA	970	940	923	963	1,893	1,903
ME	1,202	2,256	3,996	2,523	5,198	4,779
MD	1,631	1,518	1,887	1,644	3,518	3,162
MA	122	72	487	473	609	545
MI	1,800	2,343	3,300	2,817	5,100	5,160
MN	6,100	6,740	5,760	5,215	11,860	11,955
MS	2,390	2,487	4,276	4,424	6,666	6,911
MO	3,035	3,490	3,470	3,605	6,505	7,095
MT	173	35	197	240	370	275
NE	5,189	6,011	4,240	3,979	9,429	9,990
NH	12	53	143	106	155	159
NJ	1,517	931	333	1,023	1,850	1,954
NM	717	636	504	536	1,221	1,172
NY	1,360	1,070	2,150	2,400	3,510	3,470
NC	4,609	4,307	8,087	7,306	12,696	11,613
ND	70	125	140	140	210	265
OH	10,000	10,863	16,300	16,195	26,300	27,058
OK	1,840	1,910	1,820	1,700	3,660	3,610
OR	1,600	1,800	1,126	1,200	2,726	3,000
PA	10,300	9,000	11,000	13,605	21,300	22,605
RI	24	10	66	61	90	71
SC	2,315	2,205	2,535	2,424	4,850	4,629
SD	1,325	800	700	1,370	2,025	2,170
TN	400	316	635	922	1,035	1,238
TX	7,170	5,630	9,580	11,545	16,750	17,175
UT	895	849	839	669	1,734	1,518
VT	104	8	63	171	167	179
VA	936	704	2,586	2,759	3,522	3,463
WA	3,000	2,900	2,236	2,221	5,236	5,121
WV	246	285	795	760	1,041	1,045
WI	1,922	1,994	1,869	1,989	3,791	3,983
WY	9	8	3	4	12	12
Other States [2]	164	168	132	132	296	300
US	137,822	140,686	165,932	170,398	303,754	311,084

[1] Preliminary. [2] AK, AZ, and NV combined to avoid disclosure of individual operations.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-42.—Chickens: Pullets not of laying age and other chickens, by State and United States, Dec. 1, 1996–97

State	Pullets 13 weeks old and older but less than 20 weeks		Pullet chicks and pullets under 13 weeks of age		Other chickens	
	1996	1997 [1]	1996	1997 [1]	1996	1997 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	1,575	2,066	2,270	2,500	990	1,033
AR	3,137	3,486	3,750	3,976	1,391	1,262
CA	1,200	1,000	1,900	3,080	50	140
CO	320	229	280	543	137	176
CT	217	299	598	550	4	1
DE	0	0	0	0	24	25
FL	468	1,045	847	1,133	187	56
GA	2,950	3,120	4,350	5,080	1,140	1,190
HI	76	55	75	80	0	0
ID	130	30	234	223	5	5
IL	226	174	24	380	21	39
IN	1,738	1,355	3,264	3,479	45	41
IA	1,775	1,700	2,271	2,150	120	50
KS	38	245	90	256	2	2
KY	420	380	650	820	195	200
LA	375	165	255	370	87	82
ME	544	621	1,325	1,495	6	5
MD	483	428	346	483	42	42
MA	85	3	74	155	5	1
MI	820	390	390	630	10	10
MN	1,255	810	1,835	1,895	45	70
MS	994	1,407	2,479	2,049	595	706
MO	975	675	715	1,490	155	185
MT	43	45	56	69	1	1
NE	494	563	1,566	1,573	4	0
NH	23	24	39	29	30	6
NJ	0	174	96	0	0	0
NM	0	68	178	162	5	4
NY	360	540	510	470	20	20
NC	1,491	1,920	1,895	2,952	589	690
ND	2	3	30	40	3	2
OH	1,840	3,400	2,630	2,644	30	40
OK	340	310	820	710	220	210
OR	362	344	253	241	9	6
PA	1,900	1,650	2,700	2,550	115	115
RI	3	17	1	1	1	1
SC	577	438	420	446	93	157
SD	210	175	110	205	0	0
TN	250	246	241	442	74	110
TX	1,700	2,315	2,460	2,700	390	510
UT	141	198	168	151	1	0
VT	10	1	1	4	1	1
VA	582	582	314	428	230	187
WA	703	1,090	1,126	805	22	1
WV	316	322	300	292	123	131
WI	211	59	671	958	20	25
WY	2	2	2	2	1	1
Other States [2]	5	5	2	2	5	5
US	31,366	34,174	44,611	50,693	7,243	7,544

[1] Preliminary. [2] AK, AZ, and NV combined to avoid disclosure of individual operations.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-43.—Chickens: Number, value per head, and total value, by State and United States, Dec. 1, 1996–97 [1]

State	Number		Value per head		Total value	
	1996	1997 [2]	1996	1997 [2]	1996	1997 [2]
	1,000 head	*1,000 head*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	15,445	16,091	4.60	5.10	71,047	82,064
AR	22,881	23,145	4.90	5.00	112,117	115,725
CA	29,800	30,500	2.20	2.20	65,560	67,100
CO	4,080	4,618	2.10	2.20	8,568	10,160
CT	4,432	4,309	2.40	2.30	10,637	9,911
DE	492	425	4.70	4.60	2,312	1,955
FL	11,499	12,972	2.00	2.40	22,998	31,133
GA	27,650	29,910	3.50	3.30	96,775	98,703
HI	876	863	2.60	2.50	2,278	2,158
ID	1,283	1,189	2.40	2.20	3,079	2,616
IL	3,532	3,806	1.70	1.70	6,004	6,470
IN	25,448	27,189	1.60	1.70	40,717	46,221
IA	24,775	25,685	1.60	1.60	39,640	41,096
KS	1,370	1,851	1.70	1.80	2,329	3,332
KY	4,050	4,600	2.20	2.30	8,910	10,580
LA	2,610	2,520	2.40	2.40	6,264	6,048
ME	7,073	6,900	2.10	2.40	14,853	16,560
MD	4,389	4,115	2.30	2.00	10,095	8,230
MA	773	704	2.20	2.20	1,701	1,549
MI	6,320	6,190	1.50	1.60	9,480	9,904
MN	14,995	14,730	1.50	1.90	22,493	27,987
MS	10,734	11,073	4.80	5.10	51,523	56,472
MO	8,350	9,445	2.50	2.80	20,875	26,446
MT	470	390	3.20	3.20	1,504	1,248
NE	11,493	12,126	2.10	2.10	24,135	25,465
NH	247	218	2.40	2.40	593	523
NJ	1,946	2,128	2.50	2.50	4,865	5,320
NM	1,404	1,406	1.70	1.90	2,387	2,671
NY	4,400	4,500	1.90	1.80	8,360	8,100
NC	16,671	17,175	4.60	4.60	76,687	79,005
ND	245	310	2.40	2.20	588	682
OH	30,800	33,142	2.00	2.00	61,600	66,284
OK	5,040	4,840	4.20	4.60	21,168	22,264
OR	3,350	3,591	2.10	1.80	7,035	6,464
PA	26,015	26,920	1.70	1.70	44,226	45,764
RI	95	90	1.70	1.70	162	153
SC	5,940	5,670	2.90	3.00	17,226	17,010
SD	2,345	2,550	2.20	2.20	5,159	5,610
TN	1,600	2,036	4.40	4.80	7,040	9,773
TX	21,300	22,700	2.60	2.60	55,380	59,020
UT	2,044	1,867	1.50	1.60	3,066	2,987
VT	179	185	3.00	2.90	537	537
VA	4,648	4,660	4.70	4.80	21,846	22,368
WA	7,087	7,017	1.80	1.90	12,757	13,332
WV	1,780	1,790	4.90	5.30	8,722	9,487
WI	4,693	5,025	2.20	2.30	10,325	11,558
WY	17	17	2.10	2.10	36	36
Other States [3]	308	312	1.90	2.00	586	624
US	386,974	403,495	2.65	2.72	1,026,245	1,098,705

[1] Excludes commercial broilers. [2] Preliminary. [3] AK, AZ, and NV combined to avoid disclosure of individual operations.

NASS, Livestock and Economics Branch, (202) 720-6146.

Table 8-44.—Total poultry meat: Production in specified countries, 1993–96

Continent and country	1993	1994	1995	1996	1997 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000*	*1,000*
North America:					
Canada	766	854	861	893	914
Mexico	1,422	1,483	1,554	1,600	1,680
United States	12,396	13,206	13,786	14,522	15,021
Total	14,584	15,543	16,201	17,015	17,615
South America:					
Argentina	630	675	700	680	710
Brazil	3,211	3,491	4,140	4,144	4,441
Colombia	497	514	537	623	654
Guatemala	85	95	104	111	117
Honduras	35	40	41	42	53
Venezuela	350	365	410	391	395
Total	4,808	5,180	5,932	5,991	6,370
European Union:					
Belgium and Luxembourg	196	219	251	264	259
Denmark	162	172	168	170	175
France	1,875	1,961	2,083	2,206	2,307
Germany [2]	599	626	633	638	717
Greece	173	175	178	176	176
Ireland	88	97	101	108	110
Italy	1,061	1,084	1,123	1,151	1,170
Netherlands	565	594	641	700	713
Portugal	238	248	235	251	260
Spain	840	880	910	950	955
United Kingdom	1,294	1,358	1,394	1,443	1,477
Total	7,091	7,414	7,717	8,057	8,319
Eastern Europe:					
Hungary	307	320	368	365	370
Poland	300	345	367	410	435
Romania	160	135	160	180	160
Total	767	800	895	955	965
Former Soviet Union:					
Russia	1,277	1,06	8 8	59 72	0 705
Ukraine	361	26	5 2	35 23	0 180
Total	1,639	1,33	3 1,0	94 95	0 885
Middle East:					
Israel	224	242	249	262	267
Kuwait	18	18	20	22	24
Saudi Arabia	285	286	309	340	438
Turkey	350	330	390	480	535
United Arab Emirates	16	18	20	21	22
Total	893	894	988	1,125	1,286
Africa:					
Egypt	295	345	360	380	385
South Africa	641	667	736	804	887
Total	936	1,012	1,096	1,184	1,272
Asia:					
China	5,736	7,550	9,347	10,746	12,500
Hong Kong	90	84	94	90	88
India	454	507	578	590	595
Japan	1,368	1,258	1,282	1,249	1,235
Korea, Republic of	369	378	415	459	473
Singapore	62	57	60	59	58
Taiwan	585	604	630	668	694
Thailand	685	740	825	890	975
Total	9,349	11,178	13,231	14,751	16,618
Oceania:					
Australia	467	498	500	503	512
Total	467	498	500	503	512
Grand total	40,534	43,852	47,654	50,531	53,842

[1] Preliminary. [2] Includes the former East Germany.

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.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0885.

Table 8-45.—Mature Chickens: Lost, sold, and value of sales, 1996 (preliminary)[1]

State	Number lost[2]	Number sold[3]	Pounds sold	Price per pound	Value of sales
	1,000 head	*1,000 head*	*1,000 pounds*	*Dollars*	*1,000 dollars*
AL	3,145	8,755	61,285	.115	7,048
AR	5,140	14,960	97,240	.110	10,696
CA	4,100	11,600	40,600	.020	812
CO	708	1,547	6,188	.030	186
CT	770	1,896	8,532	.004	34
DE	74	618	4,697	.055	258
FL	3,033	4,208	21,882	.004	88
GA	5,062	15,805	109,055	.103	11,233
HI	178	271	949	.144	137
ID	96	755	2,869	.003	9
IL	453	1,122	6,283	.011	69
IN	3,545	8,755	30,643	.020	613
IA	3,580	9,520	57,120	.012	685
KS	140	800	3,200	.050	160
KY	722	1,828	6,032	.050	302
LA	498	1,402	8,132	.069	561
ME	949	3,130	14,085	.005	70
MD	916	2,096	16,139	.055	888
MA	73	223	1,004	.004	4
MI	1,020	2,805	16,830	.010	168
MN	2,185	5,015	18,054	.011	199
MS	3,100	4,200	27,720	.118	3,271
MO	1,685	3,485	19,168	.110	2,108
MT	65	400	1,600	.020	32
NE	1,772	3,950	15,800	.010	158
NH	24	234	1,053	.004	4
NJ	245	595	2,023	.020	40
NM	570	265	1,060	.020	21
NY	990	3,000	14,400	.002	29
NC	3,875	11,050	81,770	.112	9,158
ND	50	150	675	.011	7
OH	4,275	11,135	38,973	.010	390
OK	1,155	3,035	19,121	.113	2,161
OR	515	1,395	7,812	.020	156
PA	4,480	11,220	57,222	.054	3,090
RI	28	79	356	.005	2
SC	1,080	2,720	13,600	.103	1,401
SD	370	735	2,940	.050	147
TN	320	945	4,253	.100	425
TX	3,290	9,010	45,050	.043	1,937
UT	327	1,014	4,056	.030	122
VT	13	90	405	.004	2
VA	871	2,620	15,458	.111	1,716
WA	1,170	3,200	11,200	.020	224
WV	360	1,080	4,752	.108	513
WI	655	1,445	5,347	.015	80
WY	10	7	32	.050	2
Other States[4]	17	144	571	.014	8
Total US	67,699	174,314	927,236	.066	61,424

[1] Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30 and excludes broilers. [2] Includes death, rendered, composted, destroyed, disappeared, and other losses during the 12-month period. [3] Sold for slaughter. [4] AK, AZ, and NV combined to avoid disclosing individual operations.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-46.—Broilers: Production and value, United States, 1987–96[1]

Year	Production		Price per pound[2]	Value of production
	Number	Weight		
	Thousands	*1,000 pounds*	*Cents*	*1,000 dollars*
1987	5,003,560	21,523,356	28.7	6,177,127
1988	5,237,901	22,464,479	33.1	7,435,300
1989	5,516,521	23,978,816	36.6	8,777,915
1990	5,864,150	25,630,960	32.6	8,365,704
1991	6,137,150	27,202,862	30.8	8,383,046
1992	6,402,490	28,828,872	31.8	9,174,136
1993	6,694,310	30,617,600	34.0	10,416,962
1994	7,017,540	32,528,500	35.0	11,371,723
1995	7,325,670	34,222,000	34.4	11,762,222
1996[3]	7,598,200	36,486,050	38.1	13,906,019

[1] Broilers are young chickens of the meat-type breeds, raised for the purpose of meat production. These figures are not included in farm production of chickens. Estimates cover the 12-month period, Dec 1 previous year through Nov 30. Excludes States which produced less than 500,000 broilers. [2] Live weight equivalent price. [3] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-47.—Mature Chickens: Lost, sold, price, and value, United States, 1987–96 [1]

Year	Number		Pounds (live weight)	Price per pound live weight	Value of sales
	Lost [2]	Sold [3]	Sold		
	Thousands head	*Thousands head*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1987	36,639	217,688	1,018,400	.110	111,827
1988	37,494	226,167	1,050,658	.094	99,011
1989	36,076	199,735	943,732	.151	142,409
1990	34,854	208,362	985,007	.096	94,392
1991	36,390	198,534	953,281	.076	72,199
1992	35,126	207,689	978,255	.091	89,105
1993	34,962	198,032	964,356	.100	96,409
1994	35,821	201,412	1,022,490	.076	77,496
1995	65,576	179,467	939,974	.065	61,315
1996 [4]	67,699	174,314	927,236	.066	61,424

[1] Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30 and excludes broilers. [2] Includes death, rendered, composted, destroyed, and other losses during the 12-month period. [3] Sold for slaughter. [4] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-48.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1989–98

Year	Production			Commercial storage at beginning of year	Exports	Commercial storage at end of year	Consumption	
	Commercial broilers	Other chickens	Total [1]				Total [1 3]	Per capita
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Pounds*
1989	17,227	531	17,758	193	838	227	16,886	68
1990	18,430	523	18,953	227	1,168	251	17,762	71
1991	19,591	508	20,099	251	1,289	310	18,751	74
1992	20,904	520	21,424	310	1,530	378	19,826	78
1993	22,015	515	22,530	378	2,022	366	20,520	79
1994	23,666	509	24,175	366	2,966	472	21,103	81
1995	24,827	496	25,323	472	3,993	567	21,238	81
1996	26,124	491	26,615	567	4,685	647	21,854	82
1997 [2]	27,061	509	27,570	647	5,081	632	22,509	84
1998 [4]	28,556	530	29,086	632	5,140	705	23,876	88

[1] Totals may not add due to rounding. [2] Preliminary. [3] Shipments to territories now included in total consumption. [4] Forecast.

ERS, Animal Products Branch, (202) 694-5180.

Table 8-49.—Broilers: Production, price, and value, by States, 1995 and 1996 [1]

State	1995				1996 [3]			
	Production		Price per pound [2]	Value of production	Production		Price per pound [2]	Value of production
	Number	Weight			Number	Weight		
	Thousands	*1,000 pounds*	*Dollars*	*1,000 dollars*	*Thousands*	*1,000 pounds*	*Dollars*	*1,000 dollars*
AL	900,000	4,230,000	.340	1,438,200	873,300	4,191,800	.390	1,634,802
AR	1,107,300	4,982,900	.355	1,768,930	1,155,000	5,659,500	.375	2,122,313
CA	235,800	1,179,000	.325	383,175	234,200	1,171,000	.390	456,690
DE	263,100	1,394,400	.340	474,096	257,600	1,416,800	.370	524,216
FL	139,800	615,100	.355	218,361	131,400	591,300	.390	230,607
GA	1,070,000	5,136,000	.345	1,771,920	1,154,000	5,654,600	.390	2,205,294
HI	940	3,800	.525	1,995	950	4,000	.520	2,080
IA	15,000	72,000	.350	25,200	17,200	77,400	.370	28,638
KY	64,500	258,000	.320	82,560	77,000	331,100	.370	122,507
MD	295,700	1,360,200	.340	462,468	294,800	1,385,600	.370	512,672
MI	630	2,850	.340	969	550	2,200	.380	836
MN	48,000	249,600	.335	83,616	47,500	251,800	.375	94,425
MS	644,000	2,962,400	.335	992,404	675,900	3,109,100	.385	1,197,004
MO	190,600	800,500	.350	280,175	246,300	1,059,100	.375	397,163
NE	2,900	18,600	.360	6,696	2,300	13,300	.360	4,788
NY	1,400	6,900	.345	2,381	1,500	8,000	.410	3,280
NC	670,100	3,417,500	.340	1,161,950	681,100	3,541,700	.370	1,310,429
OH	43,000	215,000	.315	67,725	48,600	243,000	.365	88,695
OK	198,300	852,700	.355	302,709	204,000	877,200	.375	328,950
OR	21,100	105,500	.320	33,760	21,300	106,500	.380	40,470
PA	121,400	607,000	.335	203,345	128,200	653,800	.375	245,175
SC	162,000	680,400	.345	234,738	177,500	786,300	.390	306,657
TN	130,000	572,000	.325	185,900	134,000	603,000	.385	232,155
TX	395,200	1,746,800	.370	646,316	419,200	1,886,400	.385	726,264
VA	260,100	1,196,500	.335	400,828	259,100	1,243,700	.375	466,388
WA	40,300	197,500	.345	68,138	40,000	196,000	.380	74,480
WV	88,900	391,200	.335	131,052	89,700	394,700	.375	148,013
WI	22,200	104,300	.335	34,941	32,400	152,300	.380	57,874
Other States [4]	193,400	863,350	.345	297,674	193,600	874,850	.392	343,154
Total [5]	7,325,670	34,222,000	.344	11,762,222	7,598,200	36,486,050	.381	13,906,019

[1] Broilers are young chickens of the meat-type breeds, raised for the purpose of meat production. Estimates cover the 12-month period, Dec. 1, previous year through Nov. 30. [2] Live weight equivalent price. [3] Preliminary. [4] CT, IL, IN, LA, ND, and SD. [5] Excludes States producing less than 500,000 broilers.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-50.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1987–96

Year	Chicks hatched			Average price of baby chicks per 100			Value of chick production [1]
	Broiler-type	Egg-type	All	Broiler-type	Egg-type	All	
	Thousands	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*
1987	5,379,228	427,785	5,807,013	18.50	51.00	19.80	1,105,993
1988	5,602,400	368,349	5,970,749	17.00	50.50	18.10	1,046,706
1989	5,946,948	382,906	6,329,854	17.60	50.30	18.60	1,143,388
1990	6,324,426	398,432	6,722,858	18.50	50.80	19.50	1,273,269
1991	6,616,527	419,554	7,036,081	18.20	51.10	19.20	1,308,268
1992	6,892,844	391,319	7,284,163	18.30	54.70	19.30	1,369,893
1993	7,220,768	405,986	7,626,754	18.60	53.80	19.60	1,455,383
1994	7,562,316	381,577	7,943,893	19.30	49.70	20.10	1,557,276
1995	7,932,352	396,501	8,328,853	18.60	49.80	19.40	1,577,802
1996	8,076,938	407,248	8,484,186	18.60	50.20	19.40	1,605,409

[1] Excludes egg-type cockerels destroyed.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-51.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1987–96

Year	Ratios [1]			Year	Ratios [1]		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	Pounds	*Pounds*	*Pounds*		*Pounds*	*Pounds*	*Pounds*
1987	10.6	5.5	7.3	1992	8.4	5.1	6.4
1988	7.3	4.6	5.6	1993	9.4	5.3	6.5
1989	10.5	5.0	6.0	1994	8.6	5.2	6.6
1990	11.1	4.9	6.5	1995	8.6	5.1	6.3
1991	10.4	4.9	6.6	1996	8.5	4.4	5.3

[1] 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. Effective January 1995, prices of commercial prepared feeds are based on current U.S. prices received for corn, soybeans, and wheat.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 8-52.—Poultry: Slaughtered under Federal inspection, by classes, United States, 1994–96

Class	Number inspected			Pounds inspected (live weight)		
	1994	1995	1996	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Young chickens	7,071,569	7,371,429	7,546,250	32,765,941	34,352,980	36,034,815
Mature chickens	168,026	159,418	153,609	829,465	812,220	800,594
Total chickens	7,239,595	,7530,847	7,699,858	33,595,407	35,165,199	36,835,409
Young turkeys	276,570	278,806	291,034	6,279,731	6,456,579	6,881,123
Old turkeys	1,994	1,868	2,068	49,285	46,415	53,301
Fryer-roaster turkeys	348	358	188	3,388	3,137	1,697
Total turkeys	278,912	281,032	293,290	6,332,404	6,506,131	6,936,121
Ducks	20,051	19,528	20,663	133,275	129,875	137,624
Other poultry	.....	.....	.....	6,378	8,340	13,417
Total poultry	.....	.....	.....	40,067,464	41,809,546	43,922,572

Class	Pounds certified (ready-to-cook)			Pounds condemned		
				Ante-mortem (live weight)		
	1994	1995	1996	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Young chickens	23,846,165	25,020,790	26,336,303	108,987	127,553	135,661
Mature chickens	507,413	494,518	486,812	14,170	13,719	12,885
Total chickens	24,353,582	25,515,308	26,823,115	123,157	141,272	148,546
Young turkeys	4,952,739	5,091,336	5,424,111	15,918	16,963	20,280
Old turkeys	36,926	35,138	40,208	390	417	491
Fryer-roaster turkeys	2,560	2,341	1,297	8	25	7
Total turkeys	4,992,225	5,128,816	5,465,617	16,316	17,405	20,778
Ducks	95,680	93,061	99,040	142	165	130
Other poultry	4,034	5,133	7,575	37	38	74
Total poultry	29,445,522	30,742,318	32,395,346	139,652	158,879	169,528

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1994	1995	1996
	Thousands	*Thousands*	*Thousands*
Young chickens	468,780	527,948	551,558
Mature chickens	38,790	40,283	46,347
Total chickens	507,571	568,232	597,905
Young turkeys	121,352	121,736	132,962
Old turkeys	3,447	3,094	3,303
Fryer-roaster turkeys	46	78	34
Total turkeys	124,846	124,907	136,299
Ducks	2,212	2,182	2,307
Other poultry	118	125	155
Total poultry	634,746	695,446	736,665

NASS, Livestock, Dairy, and Poultry Branch, (202) 720–6146.

Table 8-53.—Chickens and turkeys: Number classified as ''U.S. Pullorum-Typhoid Clean,'' and number and percentage of reactors, United States, 1987–96

Year beginning July	Chicken tests				Turkey tests			
	States reporting	Chickens in tested flocks (first test)	Reactors [1]		States reporting	Turkeys in tested flocks (first test)	Reactors	
	Number	*Thousands*	*Number*	*Percent*	*Number*	*Number*	*Number*	*Percent*
1987	47	43,788	36	.0001	47	4,505,067	0	.0000
1988	47	46,924	44	.0001	47	5,243,118	0	.0000
1989	47	51,438	341	.0206	47	5,412,869	0	.0000
1990	47	48,821	6	.0000	47	5,442,994	0	.0000
1991	47	48,820	6	.0000	47	5,443,000	0	.0000
1992	47	49,534	11	.0000	47	5,160,884	0	.0000
1993	47	49,628	0	.0000	47	5,339,500	0	.0000
1994	47	52,668	0	.0000	47	4,949,240	0	.0000
1995	48	58,019	0	.0000	48	4,679,984	0	.0000
1996	48	58,191	0	.0000	48	5,905,799	0	.0000

[1] Number of reacting birds and percent of birds tested. Testing year starting July 1, 1989.

APHIS, Veterinary Services, (301) 436–7768.

Table 8-54.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1989–98

Year	Production	Commercial storage at beginning of year	Exports	Commercial storage at end of year	Consumption	
					Total [1 3]	Per capita
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Pounds*
1989	4,136	250	41	236	4,109	16.6
1990	4,514	236	54	306	4,390	17.6
1991	4,603	306	122	264	4,523	17.9
1992	4,777	264	202	272	4,568	17.9
1993	4,798	272	244	249	4,577	17.7
1994	4,937	249	280	254	4,652	17.8
1995	5,069	254	348	271	4,706	17.9
1996	5,401	271	438	328	4,906	18.5
1997 [3]	5,385	328	599	350	4,765	17.8
1998 [4]	5,384	350	610	325	4,799	17.7

[1] Totals may not add due to rounding. [2] Shipments to territories now included in consumption. [3] Preliminary. [4] Forecast.

ERS, Animal Products Branch, (202) 694–5180.

Table 8-55.—Turkeys: Production, and value, United States, 1987–96

Year	Number raised [1]	Pounds (live weight) produced	Price per pound live weight	Value of production
	Thousands	*1,000 pounds*	*Cents*	*1,000 dollars*
1987	240,438	4,894,858	34.8	1,703,137
1988	242,421	5,059,056	38.6	1,951,351
1989	261,394	5,467,629	40.9	2,235,145
1990	282,475	6,043,155	39.6	2,393,375
1991	284,910	6,114,620	38.5	2,352,986
1992	289,880	6,355,293	37.7	2,396,364
1993	287,650	6,432,577	39.0	2,509,127
1994	286,605	6,540,887	40.4	2,643,765
1995	292,856	6,779,277	41.0	2,776,372
1996 [2]	301,378	7,171,527	43.3	3,102,093

[1] Total poults hatched less death loss of poults and young turkeys during the year. [2] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-56.—Turkeys: Production and value, by States, 1996 [1]

State	Number raised [2]	Pounds produced [3]	Price per pound [4]	Value of production
	1,000 head	*1,000 pounds*	*Dollars*	*1,000 dollars*
AR	28,000	526,400	0.44	231,616
CA	22,500	492,750	0.45	221,738
CO	4,800	179,040	([3])	([3])
CT	8	152	1.01	154
GA	550	16,995	0.43	7,308
IL	3,300	78,870	0.43	33,914
IN	14,000	351,400	0.43	151,102
IA	8,000	221,600	0.46	101,936
KS	1,750	49,000	0.44	21,560
MD & DE	330	6,653	0.45	2,993
MA	80	1,600	1.20	1,920
MN	43,500	948,300	0.45	426,735
MO	22,000	578,600	0.43	248,798
NH	15	300	1.17	351
NJ	73	1,650	0.83	1,370
NY	520	12,792	0.42	5,373
NC	59,500	1,457,750	0.42	612,255
ND	2,100	46,200	0.42	19,404
OH	6,800	227,120	0.43	97,662
PA	11,700	245,700	0.42	103,194
SC	8,300	256,470	0.42	107,717
SD	3,000	96,000	0.45	43,200
VT	35	630	1.00	630
VA	25,000	475,000	0.43	204,250
WV	4,500	85,500	0.44	37,620
Other States [6]	31,017	815,055	0.42	419,293
US	301,378	7,171,527	0.433	3,102,093

[1] Preliminary. [2] Based on turkeys placed Aug. 1, 1992, through Jul. 31, 1993. Excludes young turkeys lost. [3] Includes home consumption. [4] Live weight equivalent price. [5] Not published to avoid disclosing individual operations. Value of production included in Other States. [6] MI, NE, OK, OR, TX, UT, and WI combined to avoid disclosing individual operations.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-57.—Turkeys: Poults placed by commercial hatcheries, United States, 1987–96

Year	Total all breeds	Year	Total all breeds
	Thousands		*Thousands*
1987	264,228	1992	307,823
1988	261,406	1993	308,871
1989	290,678	1994	317,468
1990	304,863	1995	321,651
1991	308,083	1996	327,165

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-58.—Turkeys: Poults placed by commercial hatcheries, U.S. and regions, 1995 and 1996

Month	United States			1996				
	1995	1996	1996 as percent of 1995	East North Central	West North Central	North and South Atlantic	South Central	West
	Thousands	*Thousands*	*Percent*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
All breeds:								
Jan	27,024	27,391	101	3,651	7,375	10,143	3,281	2,941
Feb	25,907	27,596	107	3,641	7,802	9,668	3,380	3,105
Mar	28,530	27,932	98	3,684	7,590	10,427	3,160	3,071
Apr	26,736	29,725	111	3,869	8,800	10,506	3,228	3,322
May	29,497	29,668	101	3,814	8,460	10,621	3,428	3,345
June	29,965	27,987	93	3,468	7,760	10,296	3,211	3,252
July	28,983	28,913	100	3,850	8,121	10,065	3,242	3,635
Aug	26,592	27,496	103	3,893	7,375	9,838	3,281	3,109
Sept	23,371	24,154	103	3,348	6,128	9,542	2,763	2,373
Oct	25,158	25,354	101	3,667	6,382	9,908	3,230	2,167
Nov	24,619	23,830	97	3,164	6,212	8,878	3,398	2,178
Dec	25,269	27,119	107	3,563	7,765	10,202	3,330	2,259
Total	321,651	327,165	102	43,612	89,770	120,094	38,932	34,757

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-59.—Eggs: Production in specified countries, 1993–96

Continent and country	1993	1994	1995	1996	1997 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000*	*1,000*
North America:					
Canada	5,689	5,736	5,792	5,881	5,900
Mexico	21,471	25,896	25,760	26,045	26,500
United States	72,072	74,136	74,592	76,296	77,256
Total	99,232	105,768	106,144	108,222	109,656
South America:					
Brazil	12,700	13,460	16,065	15,932	16,890
Colombia	6,433	6,357	6,912	7,182	7,490
Total	19,133	19,817	22,977	23,114	24,380
European Union:					
Belgium and Luxembourg	3,324	3,600	3,858	3,700	3,600
Denmark	1,405	1,382	1,474	1,500	1,600
France	15,355	16,370	16,911	16,500	16,350
Germany [2]	13,678	13,960	13,838	13,940	13,900
Greece	2,540	2,500	2,600	2,650	2,640
Ireland	655	605	610	539	542
Italy	11,502	11,599	12,017	11,923	12,050
Netherlands	10,019	10,306	9,970	9,879	9,870
Portugal	1,787	1,831	1,869	1,872	1,872
Spain	8,454	9,670	9,983	8,952	9,600
United Kingdom	10,645	10,620	10,644	10,668	10,700
Total	79,364	82,443	83,774	82,123	82,724
Eastern Europe:					
Poland	5,450	6,100	6,500	6,600	6,700
Romania	5,450	3,300	3,650	5,200	4,700
Total	10,900	9,400	10,150	11,800	11,400
Former Soviet Union:					
Russia	40,300	37,400	33,720	31,500	32,000
Ukraine	11,766	10,145	9,500	8,760	8,320
Total	52,066	47,545	43,220	40,260	40,320
Middle East:					
Turkey	8,100	7,900	8,000	8,500	9,000
Total	8,100	7,900	8,000	8,500	9,000
Asia:					
China	235,960	281,010	301,860	317,560	328,000
Hong Kong	23	18	21	15	13
India	24,800	26,300	28,000	29,000	29,500
Japan	43,252	43,047	42,167	42,891	43,200
Korea, Republic of	8,196	8,094	8,317	8,640	8,770
Taiwan	5,372	5,673	6,237	6,828	7,100
Thailand	7,336	7,530	7,700	8,100	8,900
Total	324,939	371,672	394,302	413,034	425,483
Grand total	593,734	644,545	668,567	687,053	702,963

[1] Preliminary. [2] Includes the former East Germany.

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.

FAS, Production Estimates and Crop Assessment Division, (202) 720–0885.

Table 8-60.—Eggs: Number of layers and pullets, rate of lay, and production, by State and United States, 1996 and 1997 [1]

State	1996			1997		
	Average number of layers during year	Rate of lay per layer during year [2]	Eggs produced	Average number of layers during year	Rate of lay per layer during year [2]	Eggs produced
	Thousands	*Number*	*Millions*	*Thousands*	*Number*	*Millions*
AL	10,646	233	2,481	10,749	232	2,499
AR	15,153	227	3,433	14,519	221	3,215
CA	25,292	260	6,569	25,632	260	6,663
CO	3,229	256	827	3,322	257	855
CT	3,556	267	950	3,389	271	917
DE	592	248	147	471	238	112
FL	9,662	259	2,502	9,865	253	2,499
GA	18,626	246	4,584	19,869	245	4,867
HI	754	239	180	724	238	172
ID	955	270	258	903	261	236
IL	3,237	279	902	3,147	266	838
IN	21,433	264	5,663	21,138	267	5,652
IA	19,066	263	5,011	21,187	261	5,528
KS	1,239	254	315	1,212	266	322
KY	2,702	246	664	2,885	249	717
LA	1,941	246	477	1,894	243	460
ME	5,028	288	1,449	5,026	285	1,434
MD	3,629	258	938	3,362	262	882
MA	512	277	142	540	289	156
MI	5,013	263	1,318	5,073	262	1,327
MN	11,942	258	3,087	11,712	252	2,957
MS	6,456	236	1,523	6,690	231	1,547
MO	6,644	252	1,674	6,693	257	1,719
MT	378	286	108	293	300	88
NE	9,103	257	2,341	9,525	259	2,469
NH	153	275	42	148	311	46
NJ	1,799	264	475	1,856	249	463
NM	1,125	272	306	1,141	265	302
NY	3,773	276	1,042	3,382	275	931
NC	13,107	228	2,988	12,240	228	2,788
ND	197	279	55	209	239	50
OH	24,058	270	6,502	25,929	269	6,976
OK	3,845	238	916	3,606	233	842
OR	2,701	274	741	2,938	267	783
PA	20,912	270	5,640	21,275	272	5,788
RI	153	281	43	90	267	24
SC	4,707	260	1,224	4,753	258	1,228
SD	2,017	265	534	2,065	262	542
TN	1,051	245	257	1,080	236	255
TX	16,109	247	3,986	16,830	249	4,186
UT	1,746	266	464	1,647	265	436
VT	99	273	27	168	298	50
VA	3,667	242	888	3,693	233	862
WA	5,168	273	1,413	5,197	271	1,410
WV	1,046	217	227	1,081	227	245
WI	3,407	263	896	3,711	269	998
WY	15	160	2.4	12	292	3.5
Other States [3]	314	220	69	296	207	61
US [4]	297,958	256	76,281	303,166	255	77,401

[1] Annual production estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. [2] Number of eggs producted during the year divided by average of layers hand during the year. [3] AK, AZ, and NV combined to avoid disclosure of individual operations. [4] Sum of States may not add to U.S. total due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-61.—Eggs, shell: Average price per dozen on consumer Grade A cartoned white eggs to volume buyers, store-door delivery, New York metropolitan area, 1988–97

Year	Large	Year	Large
	Cents		*Cents*
1988	62.10	1993	72.53
1989	81.91	1994	67.23
1990	82.19	1995	67.26
1991	77.52	1996	73.00
1992	65.41	1997	81.21

AMS, Poultry Division, Market News Branch, (202) 720–6911.

Table 8-62.—Eggs: Number, rate of lay, production, and value, United States, 1988–97 [1]

Year	Layers average number during year	Rate of lay per layer during year [2]	Eggs, total produced	Price per dozen	Value of production [3]
	Thousands	*Number*	*Millions*	*Dollars*	*1,000 dollars*
1988	278,587	251	69,878	.528	3,073,382
1989	270,415	250	67,503	.689	3,876,822
1990	270,946	251	68,134	.708	4,021,355
1991	275,451	252	69,465	.676	3,914,659
1992	278,824	254	70,749	.576	3,397,462
1993	284,770	253	71,936	.634	3,800,237
1994	291,018	254	73,911	.614	3,780,377
1995	293,854	253	74,591	.624	3,879,609
1996	297,958	256	76,281	.750	4,756,582
1997 [4]	303,166	255	77,401	NA	NA

[1] Annual production estimates for eggs reported on Dec. 1 through Nov. 30 marketing year. [2] Number of eggs produced during the year divided by the average of layers on hand during the year. [3] Value of sales plus value of eggs consumed in households of producers. [4] Preliminary. NA-not available.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-63.—Eggs: Production and value, by States, 1996 (preliminary) [1]

State	Eggs produced	Price per dozen [2]	Value of production	State	Eggs produced	Price per dozen [2]	Value of production
	Millions	*Dollars*	*1,000 dollars*		*Millions*	*Dollars*	*1,000 dollars*
AL	2,481	1.090	225,358	NH	42	.810	2,835
AR	3,428	1.050	299,950	NJ	475	.728	28,817
CA	6,569	.671	367,317	NM	306	.675	17,213
CO	827	.756	52,101	NY	1,042	.771	66,949
CT	950	.740	58,583	NC	2,988	.875	217,875
DE	147	1.190	14,578	ND	55	.585	2,681
FL	2,314	.633	122,064	OH	6,502	.662	358,694
GA	4,584	.911	348,002	OK	916	.876	66,868
HI	179	.869	12,963	OR	741	.739	45,633
ID	258	.700	15,050	PA	5,640	.628	295,160
IL	902	.689	51,790	RI	43	.720	2,580
IN	5,666	.678	320,129	SC	1,224	.854	87,108
IA	5,011	.591	246,792	SD	534	.520	23,140
KS	315	.574	15,068	TN	257	.913	19,553
KY	664	.792	43,824	TX	3,986	.875	290,646
LA	477	.964	38,319	UT	464	.566	21,885
ME	1,449	.720	86,940	VT	27	.770	1,733
MD	938	.796	62,221	VA	949	.953	75,366
MA	142	.740	8,757	WA	1,413	.764	89,961
MI	1,318	.623	68,426	WV	228	1.190	22,610
MN	3,087	.585	150,491	WI	896	.606	45,248
MS	1,523	1.210	153,569	WY	2.4	.750	150
MO	1,674	.665	92,768	Other States	68	.682	3,864
MT	108	.660	5,940				
NE	2,336	.560	109,013	US [3]	76,148	.750	4,756,582

[1] Estimates cover the 12-month period Dec. 1, previous year through Nov. 30. [2] Average mid-month price of all eggs sold by producers including hatching eggs. [3] Sum of States may not add to U.S. total due to rounding.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-64.—Eggs: Supply, distribution, and per capita consumption, United States, 1989–98 [1]

Year	Total egg production	Storage at beginning of the year [1]	Imports [2]	Exports [2]	Eggs used for hatching	Consumption		
						Storage at end of the year [2]	Total [3]	Per capita
	Million dozen	*Million dozen*	*Million dozen*	*Million dozen*	*Million dozen*	*Million dozen*	*Million dozen*	*Number*
1989	5,621	15	25	92	642	11	4,917	239
1990	5,687	11	9	101	678	12	4,916	236
1991	5,801	12	2	154	709	13	4,938	235
1992	5,905	13	4	157	732	13	5,020	236
1993	6,006	13	5	159	770	11	5,085	236
1994	6,178	11	4	188	805	15	5,184	239
1995	6,216	15	4	209	847	11	5,167	236
1996	6,358	11	5	253	865	9	5,549	237
1997 [4]	6,447	9	6	219	890	8	5,344	239
1998 [5]	6,625	8	4	235	930	10	5,462	242

[1] Calendar years. [2] Shell eggs and the approximate shell-egg equivalent of egg product. [3] Shipments to territories now included in total consumption. [4] Preliminary. [5] Forecast.

ERS, Animal Products Branch, (202) 694–5180.

Table 8-65.—Eggs: Products under Federal inspection, United States, fiscal years 1996 and 1997

Item	Quantity	
	1996	1997
	1,000 dozen	*1,000 dozen*
Shell eggs broken	1,472,810	1,571,005
	1,000 pounds	1,000 pounds
Edible liquid from shell eggs broken:		
Whole	1,101,623	1,177,648
White	521,063	551,066
Yolk	263,317	280,581
Total	1,886,003	2,009,295
Inedible liquid from shell eggs broken	144,750	153,298
Liquid egg used in processing: [1]		
Total	2,883,062	3,071,775

Item	Quantity	
	1996	1997
	1,000 pounds	1,000 pounds
Ingredients added in processing	96,518	106,758
Liquid product produced for immediate consumption and processing: [1 2]		
Whole plain	945,690	1,017,584
Whole blends	471,881	512,485
White	378,900	385,710
Yolk plain	101,140	108,461
Yolk blends	135,619	148,022
Total	2,033,230	2,172,262
Frozen product produced: [1 2]		
Whole plain	158,402	148,208
Whole blends	134,966	135,898
White	43,957	46,512
Yolk plain	3,050	2,051
Yolk blends	52,989	52,699
Total	393,364	385,368
Dried product produced: [1 2]		
Whole plain	23,214	29,623
Whole blends	29,006	32,358
White	36,051	39,283
Yolk plain	19,429	17,743
Yolk blends	14,868	16,436
Total	122,568	135,443

[1] Includes reinspections of egg products.
[2] Includes all non-egg ingredients added.
NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-66.—Poultry and poultry products: Cold storage holdings, end of month, United States, 1996 and 1997

Month	Frozen eggs							
	Whites		Yolks		Whole & mixed		Unclassified	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	1,400	1,014	2,330	971	10,300	7,555	1,570	1,483
February	1,391	1,190	2,378	1,212	10,749	7,822	1,670	1,251
March	1,409	1,016	2,170	1,010	7,270	5,502	1,529	1,018
April	1,238	1,094	1,902	1,016	7,093	5,516	1,294	859
May	1,405	1,036	2,154	959	6,490	5,346	1,357	813
June	1,637	1,126	2,015	885	6,809	5,826	1,274	502
July	1,298	1,133	1,874	1,293	8,871	5,984	1,438	477
August	1,543	946	1,684	1,209	10,278	8,398	1,538	550
September ..	1,208	1,023	1,673	1,041	9,910	8,184	2,145	587
October	1,268	899	1,503	1,214	7,891	7,977	1,987	825
November ...	1,139	943	1,110	967	6,343	7,649	1,759	705
December ...	1,062	1,197	1,014	1,173	6,810	6,615	1,299	764

Month	Frozen eggs, total		Frozen chicken					
			Broilers (Whole)		Hens		Other chicken (parts)	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	15,600	11,023	45,898	39,202	10,399	5,300	612,181	632,680
February	16,188	11,475	39,838	41,766	11,072	5,878	617,335	652,246
March	12,378	8,546	42,488	35,561	12,214	6,933	645,212	672,591
April	11,527	8,485	37,409	35,883	14,293	8,408	654,479	699,968
May	11,406	8,154	35,599	32,839	12,653	7,748	606,987	690,903
June	11,735	8,339	39,497	31,062	13,927	8,316	611,747	672,280
July	13,481	8,887	36,916	26,402	14,611	10,254	571,980	629,410
August	15,043	11,103	33,635	28,145	15,766	7,900	566,619	530,915
September ..	14,936	10,835	34,918	24,994	14,099	10,662	538,474	520,653
October	12,649	10,915	30,479	25,009	10,403	8,052	550,576	554,243
November ...	10,351	10,264	26,309	28,727	7,741	5,900	540,310	575,273
December ...	10,185	9,749	33,306	24,227	5,705	7,407	608,000	582,618

Month	Frozen chicken, total		Frozen turkey					
			Whole		Other		Total	
	1996	1997	1996	1997	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	668,478	677,182	182,015	195,359	157,163	205,686	339,178	401,045
February	668,245	699,890	243,484	235,197	179,617	211,181	423,101	446,378
March	699,914	715,085	274,004	267,303	171,359	229,179	445,363	496,482
April	706,181	744,259	326,844	296,572	187,694	246,702	514,538	543,274
May	655,239	731,490	368,714	352,840	218,724	258,935	587,438	611,775
June	665,171	711,658	453,005	402,541	226,734	265,309	679,739	667,850
July	623,507	666,066	489,279	440,077	228,894	274,245	718,173	714,322
August	616,020	566,960	492,666	478,733	230,520	263,279	723,186	742,012
September ..	587,491	556,309	509,525	530,101	211,496	240,605	721,021	770,706
October	591,458	587,304	455,696	490,653	202,599	245,988	658,295	736,641
November ...	574,360	609,900	167,083	208,021	180,688	230,535	347,771	438,556
December ...	647,011	614,252	146,859	176,014	181,092	239,039	327,951	415,053

Month	Frozen ducks		Total frozen poultry	
	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	3,154	1,773	1,010,810	1,080,000
February	3,185	1,832	1,094,531	1,148,100
March	2,572	1,751	1,147,849	1,213,318
April	1,697	2,582	1,222,416	1,290,115
May	2,334	3,225	1,245,011	1,346,490
June	2,418	4,305	1,347,328	1,383,813
July	1,713	2,801	1,343,393	1,383,189
August	1,987	2,277	1,341,193	1,311,249
September ..	1,570	2,844	1,310,082	1,329,859
October	2,160	2,461	1,251,913	1,326,406
November ...	1,866	1,964	923,997	1,050,420
December ...	2,203	1,864	977,165	1,031,169

NASS, Livestock and Economics Branch, (202) 720–0585.

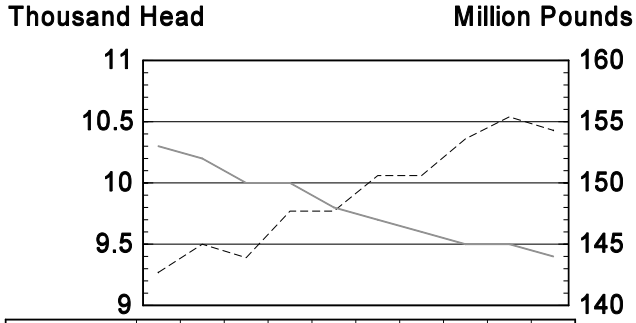
Table 8-67.—Dairy products: Cold-storage holdings, end of month, United States, 1996 and 1997

Month	Butter		American cheese	
	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	25,476	23,166	346,143	383,791
February	33,670	35,976	354,588	379,446
March	48,704	50,286	356,336	392,486
April	39,764	86,762	376,609	428,671
May	33,984	104,162	389,645	446,157
June	29,681	93,663	392,918	464,397
July	31,654	85,582	397,743	469,008
August	27,299	69,468	381,241	459,450
September ..	21,431	43,936	372,555	434,028
October	20,545	26,581	379,471	414,798
November ...	17,628	15,365	369,743	405,484
December ...	13,707	20,788	379,673	410,418

Month	Swiss cheese		Total natural cheese	
	1996	1997	1996	1997
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	8,805	13,702	470,231	501,539
February	9,353	13,513	483,043	494,622
March	11,234	12,809	498,310	517,030
April	10,362	11,896	525,503	555,429
May	10,923	13,237	541,816	584,327
June	11,939	12,096	542,798	604,845
July	12,460	11,516	536,600	604,896
August	12,606	11,507	506,942	582,270
September ..	12,701	11,040	495,801	543,675
October	11,987	11,630	494,627	504,970
November ...	13,344	13,450	480,273	474,379
December ...	12,668	13,843	486,950	480,412

NASS, Livestock and Economics Branch, (202) 720–0585.

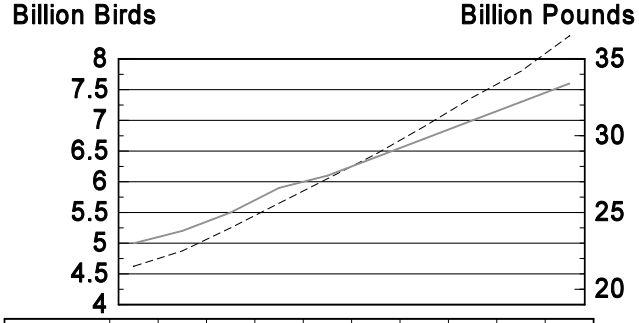
Milk Production & Milk Cows, 1987-96



Year	87	88	89	90	91	92	93	94	95	96
Milk Production - -	142.7	145.0	143.9	147.7	147.7	150.6	150.6	153.6	155.4	154.3
Milk Cows —	10.3	10.2	10.0	10.0	9.8	9.7	9.6	9.5	9.5	9.4

NASS Table 8-11

Broilers Number & Production Weight, 1987-1996



Year	87	88	89	90	91	92	93	94	95	96
Weight - -	21.5	22.5	24.0	25.6	27.2	28.8	30.6	32.5	34.2	36.5
Broilers —	5.0	5.2	5.5	5.9	6.1	6.4	6.7	7.0	7.3	7.6

NASS Table 8-46

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 9-1.
Farm property, table 9-2.
Population and employment, table 9-15.
Farm production and distribution, table 9-23.
Price and income, table 9-29.
Costs and expenses, table 9-41.

Table 9-1.—Economic trends: Data relating to agriculture, United States, 1987–96

Year	Prices paid by farmers [1]		Prices received by farmers [1]	Farm income [2]		
	Total including interest, taxes, and wage rates	Production items		Gross farm income [6]	Production expenses	Net income
						Current dollars
	Index numbers 1990–92=100	*Index numbers 1990–92=100*	*Index numbers 1990–92=100*	*Billion dollars*	*Billion dollars*	*Billion dollars*
1987	87	87	89	168.4	133.5	37.4
1988	91	90	99	177.9	139.9	38.0
1989	96	95	104	191.9	146.6	45.3
1990	99	99	104	198.1	153.3	44.8
1991	100	100	100	191.9	153.3	38.1
1992	101	101	98	200.5	152.9	47.5
1993	104	102	101	204.0	160.5	43.1
1994	106	106	100	215.8	167.4	48.3
1995	110	109	102	210.9	174.2	36.7
1996	115	115	112	233.5	181.3	52.2

Year	National income [3]	Disposable personal income [3]	Industrial production [4]	Consumer prices all items [5]	Producer prices consumer foods [5]
	Billion dollars	*Billion dollars*	*Index numbers 1992=100*	*Index numbers 1982–84=100*	*Index numbers 1982=100*
1987	3,813.0	3,374.6	93.2	113.6	109.5
1988	4,145.3	3,652.6	97.4	118.3	112.6
1989	4,397.3	3,906.1	99.1	124.0	118.7
1990	4,652.1	4,179.4	98.9	130.7	124.4
1991	4,761.6	4,356.8	97.0	136.2	124.1
1992	4,990.4	4,626.7	100.0	140.3	123.3
1993	5,266.8	4,829.2	103.6	144.5	125.7
1994	5,590.7	5,052.7	109.2	148.2	126.8
1995	5,912.3	5,355.7	114.5	152.4	129.0
1996	6,254.5	5,608.3	118.5	156.9	133.6

[1] U.S. Department of Agriculture - NASS. [2] U.S. Department of Agriculture - ERS. [3] U.S. Department of Commerce. [4] Federal Reserve Board. [5] U.S. Department of Labor. [5] Preliminary. Includes cash receipts from marketings, government payments, nonmoney income (gross rental value and home consumption), other income (machine hire custom work and recreational income), and value of change in farm inventories.

ERS, Farm Structure and Performance Branch, (202) 694–5592.

Table 9-2.—Farms: Number, land in farms, and average size of farm, U.S., 1988–97 [1]

Year	Farms [2]	Land in farms	Average size farm
	Number	*1,000 acres*	*Acres*
1988	2,200,940	994,423	452
1989	2,174,520	990,723	456
1990	2,145,820	986,850	460
1991	2,116,760	981,736	464
1992	2,107,840	978,503	464
1993	2,083,430	976,463	469
1994	2,064,720	973,403	471
1995	2,071,520	972,253	469
1996	2,063,910	970,048	470
1997 [3]	2,057,910	968,338	471

[1] 1988–96 estimates are for a June 1 reference date. 1997 estimates are for the entire year. [2] A farm is any establishment from which $1,000 or more of agricultural products were sold or would normally be sold during the year. [3] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-3.—Farms: Percent of farms, land in farms, and average size, by economic sales class, United States, June 1, 1996–97 [1]

Economic sales class	Percent of total				Average size farm	
	Farms		Land		1996	1997 [2]
	1996	1997 [2]	1996	1997 [2]		
	Percent	*Percent*	*Percent*	*Percent*	*Acres*	*Acres*
$1,000–$2,499	22.6	23.6	3.0	3.2	62	64
$2,500–$4,999	14.3	14.2	3.1	3.2	102	106
$5,000–$9,999	12.6	12.3	4.5	4.3	168	164
$10,000–$19,999	11.4	11.0	6.5	6.2	268	265
$20,000–$39,999	10.2	9.9	9.8	9.6	452	456
$40,000–$99,999	12.6	12.1	19.9	19.0	742	739
$100,000–$249,999	10.1	10.0	25.2	24.0	1,173	1,129
$250,000–$499,999	3.8	4.1	12.9	14.0	1,596	1,607
$500,000+	2.4	2.8	15.1	16.5	2,957	2,773
Total	100.0	100.0	100.0	100.0	470	471

[1] 1996 estimates are for a June 1 reference date. 1997 estimates are for the entire year. [2] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-4.—Number of farms: Economic sales class by region and United States [1]

Region and year	Economic Sales Class			Total
	$1,000-$9,999	$10,000-$99,999	$100,000 & over	
	Number	*Number*	*Number*	*Number*
NE:[2]				
1995	62,500	37,100	21,800	121,400
1996	62,900	36,100	22,600	121,600
1997	63,300	35,800	22,800	121,900
NC:[3]				
1995	308,700	335,600	181,700	826,000
1996	299,500	330,100	185,900	815,500
1997	300,100	316,700	193,200	810,000
South:[4]				
1995	515,100	252,700	82,000	849,800
1996	527,000	242,700	80,000	849,700
1997	532,000	233,900	81,000	846,900
West:[5]				
1995	126,620	100,000	47,700	274,320
1996	130,710	96,200	50,200	277,110
1997	135,110	92,100	51,900	279,110
US:				
1995	1,012,920	725,400	333,200	2,071,520
1996	1,020,110	705,100	338,700	2,063,910
1997	1,030,510	678,500	348,900	2,057,910

[1] 1995–96 estimates are for a June 1 reference date. 1997 estimates are for the entire year. [2] CT, ME, MA, NH, NJ, NY, PA, RI, VT. [3] IL, IN, IA, KS, MI, MN, MO NE, ND, OH, SD, WI. [4] AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. [5] AK, AZ, CA, CO, HI, ID MT, NV, NM, OR, UT, WA, WY.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-5.—Land of farms: Economic sales class by region and United States [1]

Region and year	Economic Sales Class			Total
	$1,000-$9,999	$10,000-$99,999	$100,000 & over	
	1,000 Acres	*1,000 Acres*	*1,000 Acres*	*1,000 Acres*
NE:[2]				
1995	4,923	6,500	9,000	20,423
1996	4,873	6,500	9,000	20,373
1997	4,895	6,418	9,050	20,363
NC:[3]				
1995	26,700	130,600	201,600	358,900
1996	25,600	129,750	203,250	358,600
1997	25,600	119,850	212,750	358,200
South:[4]				
1995	49,400	119,000	118,920	287,320
1996	57,800	116,000	112,365	286,165
1997	58,300	112,253	114,612	285,165
West:[5]				
1995	13,450	99,300	192,860	305,610
1996	14,450	98,960	191,500	304,910
1997	14,690	98,620	191,300	304,610
US:				
1995	94,473	355,400	522,380	972,253
1996	102,723	351,210	516,115	970,048
1997	103,485	337,141	527,712	968,338

[1] 1995–96 estimates are for a June 1 reference date. 1997 estimates are for the entire year. [2] CT, ME, MA, NH, NJ, NY, PA, RI, VT. [3] IL, IN, IA, KS, MI, MN, MO NE, ND, OH, SD, WI. [4] AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. [5] AK, AZ, CA, CO, HI, ID MT, NV, NM, OR, UT, WA, WY.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-6.—Land in farms: Classification by tenure of operator, United States, 1910–92

Year	Land in farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	Acres	*Percent*	*Percent*	*Percent*	*Percent*
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 [1]	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 [1]	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 [1]	1,161,419,720	36.1	36.4	9.2	18.3
1954	1,158,191,511	34.2	40.7	8.6	16.5
1959 [1]	1,123,507,574	31.0	44.0	9.8	14.8
1964 [1]	1,110,187,000	28.7	48.0	10.2	13.1
1969 [1]	1,062,892,501	35.3	51.8	.....	13.0
1974 [1]	1,017,030,357	35.3	52.6	.....	12.0
1978 [1]	1,014,777,234	32.7	55.3	.....	12.0
1982 [1]	986,796,579	34.7	53.8	.....	11.5
1987 [1]	964,470,625	32.9	53.9	.....	13.2
1992 [1]	945,531,506	31.3	55.7	.....	13.0

[1] Includes Alaska and Hawaii.

ERS, Natural Resources and Environment Division, (202) 219–0424. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 9-7.—Farms: Classification by tenure of operator, United States, 1910–92

Year	Farms	Tenure of operator			
		Full owners	Part owners	Managers	All tenants
	Number	*Percent*	*Percent*	*Percent*	*Percent*
1910	6,365,822	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 [1]	6,295,103	46.3	10.4	.9	42.4
1935	6,812,350	47.1	10.1	.7	42.1
1940 [1]	6,102,417	50.6	10.1	.6	38.8
1945	5,859,169	56.4	11.3	.7	31.7
1950 [1]	5,388,437	57.4	15.3	.4	26.9
1954	4,783,021	57.4	18.2	.4	24.0
1959 [1]	3,710,503	57.1	21.9	.6	20.5
1964 [1]	3,157,857	57.6	24.8	.6	17.1
1969 [1]	2,730,250	62.5	24.6	.....	12.9
1974 [1]	2,314,013	61.5	27.2	.....	11.3
1978 [1]	2,257,775	57.5	30.2	.....	12.3
1982 [1]	2,240,976	59.2	29.3	.....	11.6
1987 [1]	2,087,759	59.3	29.2	.....	11.5
1992 [1]	1,925,300	57.7	31.0	.....	11.3

[1] Includes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694–5528. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 9-8.—Farms: Classification by Tenants and Part Owners, United States, 1900–92

Year	Land in farms	Land rented by operators [1]			Percentage of land rented
		Tenants	Part-owners	Total	
	Million acres	*Million acres*	*Million acres*	*Million acres*	*Percent*
1900	841.8	195.1	[2] 71.1	266.2	31.6
1910	878.8	225.5	[3] 51.3	277.8	31.6
1920	958.7	[4] 265.0	[5] 54.7	319.7	33.3
1925	924.3	264.9	96.3	361.2	39.0
1930	990.1	307.3	125.2	432.5	43.6
1935	1,054.5	336.8	134.3	471.1	44.6
1940	1,165.1	313.2	155.9	469.1	44.0
1945	1,141.6	251.6	178.9	430.5	37.7
1950	1,161.4	212.2	196.2	408.4	35.2
1954	1,158.2	192.6	212.3	404.9	34.9
1959	1,123.0	166.8	234.1	400.9	35.7
1964	1,110.2	144.9	248.1	[6] 393.0	35.4
1969	1,063.3	137.6	241.8	379.4	35.7
1974	1,017.0	122.3	258.4	380.7	37.4
1978	1,029.7	124.1	285.3	406.3	39.4
1982	986.2	113.6	269.9	383.5	38.9
1987	964.5	126.9	275.4	402.3	41.7
1992	945.5	122.7	282.2	404.9	42.8

[1] Columns 3,4, and 5 refer only to land rented from others and operated, so subleased land is not included. Numbers of land rented are comparable in the same year, but definitions change over time. Basic sources are 1969 Census of Agriculture, table 5, p.14; 1974 Census of Agriculture, table 3, pp.1-6; 1978 Census of agriculture, vol. 1, part 51, table 5, pp. 124-127; 1982 Census of Agriculture, vol. 1, part 51, table 48, p. 49; 1987 Census of Agriculture vol. 1 part 51, table 48, p.49; 1992 Census of Agriculture vol. 1, part 51, table 46, p.53; and earlier census volumes as noted. [2]Sum of part owners and owner/tenant, 1900 Census of Agriculture, table 20, pp.308. [3]Assumes land leased by part-owners is the difference between the average size of full-owner and part-owner farms. Acreage leased by part-owners is this difference times the number of part-owners. 1910 Census of Agriculture, chapter 11, table 1 and 3, pp.97-99. [4]1920 Census of Agriculture, vol. VI, part 1, table 5, p.19. [5]Assumes same proportion of owner and part-owner as in 1910. [6]1964 Census of Agriculture, vol. II, chapter 8, p.757.

ERS, Resource Economics Division, (202) 694–5529. Data from the Census of Agriculture, U.S. Department of Commerce and Economic Research Service.

Table 9-9.—Farms: Number and land in farms, by States, 1996 and 1997 [1]

State	Farms [2]		Land in farms	
	1996	1997 [3]	1996	1997 [3]
	Number	*Number*	*1,000 acres*	*1,000 acres*
AL	45,000	45,000	9,800	9,700
AK	510	510	920	920
AZ	7,500	7,500	35,400	35,400
AR	43,000	42,500	15,000	14,800
CA	82,000	84,000	30,000	30,000
CO	24,500	24,500	32,500	32,500
CT	3,800	3,900	380	380
DE	2,500	2,400	565	565
FL	40,000	40,000	10,300	10,300
GA	43,000	43,000	11,800	11,800
HI	4,600	4,600	1,590	1,590
ID	22,000	22,000	13,500	13,500
IL	76,000	76,000	28,100	28,000
IN	61,000	62,000	15,900	15,900
IA	98,000	98,000	33,200	33,200
KS	66,000	64,000	47,800	47,800
KY	88,000	88,000	14,000	13,900
LA	27,000	26,500	8,700	8,500
ME	7,400	7,300	1,340	1,340
MD	13,700	13,000	2,100	2,100
MA	6,100	6,200	570	570
MI	53,000	51,000	10,600	10,500
MN	87,000	87,000	29,800	29,800
MS	44,000	43,000	12,600	12,500
MO	104,000	102,000	30,000	29,900
MT	23,000	24,000	59,700	59,600
NE	56,000	55,000	47,000	47,000
NV	2,500	2,500	8,800	8,800
NH	2,400	2,400	430	430
NJ	9,200	9,400	840	830
NM	13,500	13,500	43,700	43,500
NY	36,000	36,000	7,700	7,700
NC	58,000	57,000	9,200	9,000
ND	31,000	30,500	40,300	40,200
OH	72,000	73,000	15,100	15,100
OK	72,000	73,000	34,000	34,000
OR	38,500	37,500	17,500	17,500
PA	50,000	50,000	7,700	7,700
RI	700	700	63	63
SC	21,500	21,500	5,000	5,000
SD	32,500	32,500	44,000	44,000
TN	80,000	80,000	11,800	11,800
TX	205,000	205,000	129,000	129,000
UT	13,400	13,400	11,000	11,000
VT	6,000	6,000	1,350	1,350
VA	47,000	47,000	8,600	8,500
WA	36,000	36,000	15,700	15,700
WV	20,000	20,000	3,700	3,700
WI	79,000	79,000	16,800	16,800
WY	9,100	9,100	34,600	34,600
US	2,063,910	2,057,910	970,048	968,338

[1] 1996 estimates are for a June 1 reference date. 1997 land in farms are for the entire year. [2] A farm is any establishment from which $1,000 or more of agricultural products were sold or would normally be sold during the year. [3] Preliminary.

NASS, Livestock and Economic Branch, (202) 720–3570.

Table 9-10.—Land: Utilization, by States, 1992

State	Cropland			Grassland pasture [2]	Forest land [3]	Special use areas [4]	Other land [5]	Total land area [6]
	Used for crops [1]	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*
AL	2,152	852	1,535	1,917	21,941	1,373	2,710	32,480
AK	28	61	7	1,156	87,936	143,616	132,235	365,039
AZ	961	231	111	40,641	15,968	12,320	2,499	72,731
AR	7,566	793	2,067	2,532	17,423	1,418	1,529	33,328
CA	8,017	1,168	1,227	24,434	34,679	13,373	16,925	99,823
CO	8,348	2,157	1,177	28,087	18,837	4,957	2,823	66,386
CT	142	13	33	37	1,718	294	864	3,101
DE	464	14	10	11	386	102	264	1,251
DC	0	0	0	0	0	0	39	39
FL	2,451	503	973	5,697	15,683	4,939	4,312	34,558
GA	3,918	1,423	1,187	1,689	23,631	1,874	3,346	37,068
HI	136	120	38	976	1,435	759	647	4,111
ID	4,799	1,063	815	20,219	18,033	5,227	2,805	52,961
IL	23,012	1,670	903	1,590	4,030	1,919	2,456	35,580
IN	11,735	964	705	1,261	4,296	897	3,099	22,957
IA	23,414	2,994	2,194	1,518	1,944	1,566	2,130	35,760
KS	25,213	3,467	3,815	13,880	1,337	1,644	3,011	52,367
KY	4,977	1,271	3,454	1,359	12,360	997	1,011	25,429
LA	4,118	900	876	1,619	13,855	1,423	5,091	27,882
ME	410	108	73	38	17,461	452	1,211	19,753
MD	1,480	99	169	212	2,474	659	1,163	6,256
MA	171	14	45	35	2,778	559	1,414	5,016
MI	7,068	1,038	517	1,736	17,442	2,469	6,088	36,358
MN	19,472	3,003	1,036	1,673	15,632	4,313	5,825	50,954
MS	4,794	1,298	1,327	2,206	16,991	870	2,539	30,025
MO	12,529	2,201	5,402	6,478	13,377	1,721	2,387	44,095
MT	13,941	3,028	1,551	47,364	18,592	6,091	2,589	93,156
NE	19,428	2,089	2,586	20,917	568	1,480	2,134	49,202
NV	478	89	264	46,061	7,224	7,569	8,590	70,275
NH	109	8	26	48	4,785	266	498	5,740
NJ	485	55	69	33	1,764	715	1,627	4,748
NM	1,303	649	530	52,478	14,164	5,927	2,622	77,673
NY	3,377	481	710	1,292	16,291	3,749	4,323	30,223
NC	4,315	785	835	984	18,710	2,271	3,280	31,180
ND	24,444	3,463	1,715	10,951	338	1,603	1,642	44,156
OH	10,043	951	891	1,478	7,623	1,161	4,062	26,209
OK	9,996	1,556	4,462	17,364	7,122	1,396	2,058	43,954
OR	3,720	743	818	22,456	26,614	3,612	3,478	61,441
PA	4,004	419	738	1,088	15,946	2,356	4,134	28,685
RI	19	3	4	2	377	59	205	669
SC	1,903	643	513	477	12,179	1,059	2,497	19,271
SD	15,458	2,439	2,485	23,947	1,450	1,602	1,192	48,573
TN	4,133	946	2,598	1,367	13,275	2,233	1,828	26,380
TX	21,574	6,432	11,053	101,301	14,548	5,029	7,688	167,625
UT	1,202	345	561	23,760	14,078	5,549	7,093	52,588
VT	408	19	158	191	4,474	338	332	5,920
VA	2,562	350	1,524	1,728	15,353	1,441	2,385	25,343
WA	6,500	1,184	551	7,590	17,985	6,298	2,504	42,612
WV	644	80	662	524	11,916	680	909	15,415
WI	8,148	1,151	1,086	1,896	15,257	2,242	5,008	34,761
WY	1,984	351	721	44,905	5,766	6,296	2,124	62,147
US	337,553	55,684	66,807	591,176	648,046	280,763	283,225	2,263,254

[1] Cropland harvested, crop failure, and cultivated summer fallow. [2] Grassland and other nonforest pasture and range. [3] Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. [4] Includes rural transportation areas, Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads, and farm roads and lanes. [5] Miscellaneous areas such as marshes, open swamps, bare rock areas, and deserts, including urban and other special uses not inventoried. [6] Approximate land area as established by the Bureau of the Census in conjunction with the 1990 Census of Population.

ERS, Resource Economics Division, (202) 694–5528. Estimates based on reports and records of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies. Estimates developed for years coinciding with a Census of Agriculture.

Table 9-11.—Land in farms:[1] Irrigated land, by States, 1959–92

State	1959	1964	1969	1974	1978[2]	1982	1987	1992
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*
AL	17	12	11	14	59	66	84	82
AK	.....	(3)	1	1	1	1	2	2
AZ	1,152	1,125	1,178	1,153	1,196	1,098	914	956
AR	712	974	1,010	949	1,683	2,022	2,406	2,702
CA	7,396	7,599	7,240	7,749	8,506	8,461	7,596	7,571
CO	2,685	2,690	2,895	2,874	3,431	3,201	3,014	3,170
CT	5	14	9	7	7	7	7	6
DE	16	18	20	20	34	44	61	62
FL	414	1,217	1,365	1,559	1,980	1,585	1,623	1,783
GA	34	64	79	112	463	575	640	725
HI	141	144	146	142	159	146	149	134
ID	2,577	2,802	2,761	2,859	3,475	3,450	3,219	3,260
IL	10	14	51	54	130	166	208	328
IN	17	17	34	33	75	132	170	241
IA	18	22	21	39	101	91	92	116
KS	762	1,004	1,522	2,010	2,686	2,675	2,463	2,680
KY	9	14	20	11	14	23	38	28
LA	485	581	702	702	681	694	647	898
ME	2	4	6	6	7	6	6	10
MD	11	16	22	23	28	39	51	57
MA	20	24	19	19	17	17	20	20
MI	40	49	77	97	226	286	315	366
MN	15	18	36	78	272	315	354	370
MS	100	123	150	162	309	431	637	883
MO	30	59	156	150	320	403	535	709
MT	1,875	1,893	1,841	1,759	2,070	2,023	1,997	1,978
NE	2,078	2,169	2,857	3,967	5,683	6,039	5,682	6,312
NV	543	825	753	778	881	830	779	556
NH	1	3	2	2	2	1	3	2
NJ	74	96	72	89	77	83	91	80
NM	732	813	823	867	891	807	718	738
NY	58	79	55	55	56	52	51	47
NC	66	97	59	51	90	81	138	113
ND	48	51	63	71	141	163	168	187
OH	12	17	22	22	25	28	32	29
OK	198	302	524	515	602	492	478	512
OR	1,384	1,608	1,519	1,561	1,881	1,808	1,648	1,622
PA	17	23	19	18	15	18	30	23
RI	(3)	1	2	2	3	2	4	3
SC	25	19	15	10	32	81	81	76
SD	116	130	148	152	335	376	362	371
TN	11	11	12	10	13	18	38	37
TX	5,656	6,385	6,888	6,594	6,947	5,576	4,271	4,912
UT	1,062	1,092	1,025	970	1,169	1,082	1,161	1,143
VT	2	2	(3)	1	1	1	2	2
VA	31	51	37	28	42	43	79	62
WA	1,007	1,150	1,224	1,309	1,639	1,638	1,519	1,641
WV	1	2	3	2	1	1	3	3
WI	32	62	106	128	235	259	285	331
WY	1,470	1,571	1,523	1,460	1,662	1,565	1,518	1,465
US	33,164	37,057	39,122	41,243	50,350	49,002	46,386	49,404
PR	76	89	91	70	(4)	(4)	(4)	(4)
VI	(3)	(3)	(3)	(3)	(4)	(4)	(4)	(4)
Total	33,240	37,145	39,213	41,313	50,350	49,002	46,386	49,404

[1] Data may not add because of rounding. [2] Data for 1978 not directly comparable with earlier censuses as it includes estimates from the direct enumeration sample for farms not represented on the mail list. [3] Less than 500 acres. [4] Not available.

ERS, Resource Economics Division, (202) 694–5528. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 9-12.—Farm real estate: Value of farmland and buildings, by States, 1993–97 [1]

State	Total value of land and buildings				
	Jan. 1, 1993	Jan. 1, 1994	Jan. 1, 1995	Jan. 1, 1996	Jan. 1, 1997
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
AL	10,000	11,393	12,872	13,593	14,356
AZ	11,218	11,505	12,284	14,125	14,868
AR	13,464	13,998	14,745	14,835	14,948
CA	66,390	66,169	66,450	72,120	75,300
CO	13,973	15,663	17,004	18,135	19,175
CT	2,384	2,533	2,495	2,588	2,850
DE	1,280	1,431	1,533	1,642	1,791
FL	20,981	22,300	22,856	23,752	23,690
GA	13,685	13,963	15,072	16,024	16,874
ID	9,207	10,449	11,286	12,218	12,960
IL	43,499	47,601	52,350	57,998	61,880
IN	22,320	24,064	26,299	28,636	31,323
IA	40,360	42,529	44,787	47,874	52,124
KS	22,131	24,043	25,573	26,433	27,485
KY	15,186	16,018	17,500	19,278	20,155
LA	8,359	8,400	9,197	10,231	10,455
ME	1,582	1,676	1,681	1,730	1,742
MD	6,404	7,282	8,155	8,035	8,400
MA	2,988	3,203	3,077	3,190	3,534
MI	12,102	12,990	14,220	15,582	16,800
MN	27,027	27,146	27,893	29,085	30,992
MS	9,946	10,701	11,518	11,554	11,875
MO	23,375	24,833	26,400	28,440	30,199
MT	13,575	15,164	16,537	17,253	18,178
NE	24,209	26,470	28,012	29,704	31,960
NV	2,243	2,358	2,543	2,922	3,080
NH	993	1,082	1,094	1,109	1,118
NJ	6,040	6,370	6,844	6,864	6,881
NM	8,575	9,194	9,900	11,275	12,180
NY	10,020	10,926	10,626	10,264	10,703
NC	14,786	14,964	16,091	18,124	18,450
ND	13,534	14,261	15,032	15,435	16,482
OH	22,131	24,214	27,360	30,034	31,861
OK	16,864	17,578	18,598	18,598	19,380
OR	11,603	13,073	14,770	16,240	17,500
PA	16,242	17,527	18,010	19,289	20,251
RI	397	433	438	454	498
SC	5,856	6,140	6,752	6,815	7,000
SD	12,067	12,641	13,288	13,640	14,300
TN	15,065	15,000	16,032	18,007	19,470
TX	64,870	67,338	70,950	73,530	77,400
UT	5,499	5,961	6,727	7,667	8,250
VT	1,919	2,048	2,026	2,071	2,093
VA	14,070	14,534	15,231	16,555	17,255
WA	14,272	16,195	16,827	17,537	19,311
WV	3,141	3,215	3,367	3,571	3,700
WI	15,818	16,359	17,999	19,740	21,000
WY	5,501	6,228	6,643	7,128	7,612
48 States	717,147	759,162	806,914	860,922	909,688

[1] Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-13.—Land utilization, United States, selected years, 1940–92

Major land uses	1940	1950	1959	1969	1978	1982	1987	1992
	Million acres	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Million acres*	*Million acres*
Cropland used for crops [1]	368	377	359	333	369	383	331	337
Idle cropland	31	32	33	51	26	21	68	56
Cropland used only for pasture	68	69	66	88	76	65	65	67
Grassland pasture [2]	650	631	633	604	587	597	591	591
Forest land [3]	608	601	728	723	703	655	648	648
Special uses [4]	.....	.....	147	174	203	320	335	340
Other land	179	194	305	291	301	224	227	224
Total land area [5]	1,904	1,904	2,271	2,264	2,265	2,265	2,265	2,263

[1] Cropland harvested, crop failure, and cultivated summer fallow. [2] Grassland and other nonforest pasture and range. [3] Excludes reserved and other forest land duplicated in parks and other special uses of land. Includes forested grazing land. [4] Includes urban and transportation areas. Federal and State areas used primarily for recreation and wildlife purposes, military areas, farmsteads and farm roads and lanes. [5] Remeasurement and increases in reserviors account for changes in total land areas except for the major increase in 1959 when data for Alaska and Hawaii were added.

ERS, Resource Economics Division, (202)694–5528. Estimates based on reports and records of the U.S. Department of Agriculture and Commerce, and public land administering and conservation agencies.

Table 9-14.—Farm real estate: Average value per acre of land and buildings, by State, Mar. 1, 1970, and Jan. 1, 1993–97 [1]

State	Mar. 1, 1970	Jan. 1, 1993	Jan. 1, 1994	Jan. 1, 1995	Jan. 1, 1996	Jan. 1, 1997
	Dol.	*Dol.*	*Dol.*	*Dol.*	*Dol.*	*Dol.*
AL	200	1,000	1,117	1,262	1,387	1,480
AZ	70	316	325	347	399	420
AR	260	880	927	983	989	1,010
CA	479	2,213	2,213	2,215	2,404	2,510
CO	95	426	479	520	558	590
CT	921	5,959	6,495	6,567	6,810	7,500
DE	499	2,246	2,511	2,689	2,907	3,170
FL	355	2,037	2,165	2,219	2,306	2,300
GA	234	1,131	1,154	1,256	1,358	1,430
ID	177	682	774	836	905	960
IL	490	1,548	1,694	1,863	2,064	2,210
IN	406	1,395	1,504	1,654	1,801	1,970
IA	392	1,212	1,281	1,349	1,442	1,570
KS	159	463	503	535	553	575
KY	253	1,077	1,136	1,250	1,377	1,450
LA	321	972	1,000	1,082	1,176	1,230
ME	161	1,130	1,232	1,245	1,291	1,300
MD	640	2,911	3,310	3,707	3,826	4,000
MA	565	4,898	5,339	5,398	5,597	6,200
MI	326	1,131	1,214	1,329	1,470	1,600
MN	226	910	914	936	976	1,040
MS	234	777	836	886	917	950
MO	224	774	825	880	948	1,010
MT	60	227	254	277	289	305
NE	154	514	562	596	632	680
NV	53	252	268	289	332	350
NH	239	2,256	2,459	2,486	2,578	2,600
NJ	1,092	6,942	7,407	8,052	8,172	8,290
NM	42	194	208	225	258	280
NY	273	1,237	1,383	1,380	1,333	1,390
NC	333	1,573	1,609	1,749	1,970	2,050
ND	94	335	353	373	383	410
OH	399	1,456	1,593	1,800	1,989	2,110
OK	173	496	517	547	547	570
OR	150	663	747	844	928	1,000
PA	373	2,056	2,247	2,339	2,505	2,630
RI	734	6,304	6,871	6,947	7,204	7,900
SC	261	1,137	1,204	1,337	1,363	1,400
SD	84	273	286	302	310	325
TN	268	1,245	1,250	1,336	1,526	1,650
TX	148	499	522	550	570	600
UT	92	491	537	606	697	750
VT	224	1,342	1,463	1,479	1,534	1,550
VA	286	1,636	1,690	1,771	1,925	2,030
WA	224	892	1,025	1,065	1,117	1,230
WV	136	849	869	910	965	1,000
WI	232	925	968	1,065	1,175	1,250
WY	41	159	180	192	206	220
48 States	196	736	782	832	890	942

[1] Estimates for 1996 and prior years previously published by the Economic Research Service, USDA.
NASS, Livestock and Economic Branch, (202) 720–3570.

Table 9-15.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1987–96

Item	1987[1]	1988	1989	1990	1991
ASSETS	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*
Physical assets:					
Real estate	563.5	586.8	604.3	623.3	628.9
Non-real estate:					
Livestock[2]	58.0	62.2	66.2	70.9	68.1
Machinery and motor vehicles	78.7	81.0	84.1	86.3	85.9
Crops stored on and off farms[3]	17.7	23.6	23.7	23.0	22.2
Purchased inputs	3.2	3.5	2.6	2.8	2.6
Financial assets:					
Investments in cooperatives	25.2	25.1	26.3	27.5	28.6
Other[4]	9.9	10.3	10.5	10.8	11.9
Total[5]	756.1	792.5	817.7	844.6	848.3
CLAIMS					
Liabilities:					
Real estate debt	82.4	78.1	76.2	74.9	75.1
Non-real estate debt to—					
Reporting institutions[6]	51.1	50.0	49.6	50.5	51.3
Nonreporting creditors[7]	10.9	11.7	12.2	12.7	13.0
Total liabilities[5]	144.4	139.8	138.1	138.1	139.4
Proprietors' equity	611.7	652.6	679.6	706.4	708.8
Total[5]	756.1	792.5	817.7	844.6	848.3

Item	1992	1993	1994	1995	1996[8]
ASSETS	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*
Physical assets:					
Real estate	646.4	678.3	712.4	761.3	805.4
Non-real estate:					
Livestock[2]	71.0	72.8	67.9	57.8	60.1
Machinery and motor vehicles	85.3	85.9	86.7	86.7	85.5
Crops stored on and off farms[3]	24.2	23.3	23.1	27.2	30.6
Purchased inputs	3.9	3.8	5.0	3.4	4.4
Financial assets:					
Investments in cooperatives	29.4	30.8	31.0	31.3	31.1
Other[4]	13.6	15.7	16.9	17.7	17.8
Total[5]	873.8	910.7	943.0	985.4	1034.9
CLAIMS					
Liabilities:					
Real estate debt	75.6	76.3	78.0	79.6	81.9
Non-real estate debt to—					
Reporting institutions[6]	50.4	51.7	53.9	55.3	56.8
Nonreporting creditors[7]	13.2	14.2	15.2	16.2	17.4
Total liabilities[5]	139.3	142.2	147.1	151.0	156.2
Proprietors' equity	734.5	768.5	795.9	834.3	878.7
Total[5]	873.8	910.7	943.0	985.4	1034.9

[1] Beginning with 1983, 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. [2] Horses and mules are excluded. [3] Excludes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans. [4] Includes farm share of currency and demand deposits. [5] Total of rounded data. [6] Loans of all operating banks, the Farm Credit System, and direct loans of the Farm Service Agency. [7] Loans and credits extended by dealers, merchants, finance companies, individuals, and others. [8] Preliminary.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 9-16.—Farm machinery and equipment: Number of specified kinds on farms, and tractor horsepower, United States, Census years [1], 1954–92

Year	Tractors (exclusive of garden)				Motor-trucks	Grain com-bines [3]	Cornheads [4]	Pickup balers [5]	Field forage harvest-ers [6]
	Total [2]	Wheel	Crawler	Horse-power					
	Thou-sands	*Thou-sands*	*Thou-sands*	*Millions*	*Thou-sands*	*Thou-sands*	*Thousands*	*Thou-sands*	*Thou-sands*
1954	4,345	4,185	160	126	2,702	979	688	448	202
1959	4,688	4,489	199	153	2,834	1,042	792	680	291
1964	4,786	4,601	186	176	3,030	910	690	751	316
1969	4,622	4,419	203	203	2,985	790	635	708	304
1974	4,467	4,312	155	222	3,038	524	615	666	255
1978	NA	[7] 4,626	NA	301	3,358	655	694	744	295
1982	NA	4,524	NA	309	3,435	644	684	800	285
1987	NA	4,609	NA	NA	3,437	667	NA	823	NA
1992	NA	4,305	NA	NA	3,295	569	NA	790	NA

[1] Data as of December 31. Data are from Census of Agriculture. [2] Includes wheel and crawler-type tractors. [3] Data for 1974 and after are for self-propelled combines only. [4] Includes corn pickers and picker shellers. [5] Does not include balers, producing bales weighing more than 200 pounds. [6] Data for 1978 and after do not include flail-type forage harvesters. [7] 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 represented on the mailing list. As a result, figures for nearly all categories are somewhat higher than they would be using the earlier base. NA-not available.

ERS, Resource Economics Division,(202) 694–5528.

Table 9-17.—The Farm Entrepreneurial Population and Farm Operators and Managers, 1993–95 [1]

Characteristics	Farm Entrepreneurial Population			Farm Operators and Manager [2]		
	1993	1994	1995	1993	1994	1995
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Northeast	375	376	449	79	94	119
Midwest	2,168	2,284	2,188	528	601	633
South	1,567	1,564	1,455	372	369	386
West	757	639	932	207	184	246
Male	2,614	2,565	2,681	1,024	1,071	1,071
Female	2,253	2,298	2,343	161	177	314
White	4,679	4,686	4,867	1,135	1,220	1,363
Black	113	78	81	20	14	8
Hispanic origin	118	129	178	25	23	34
Median age (years)	36.5	36.4	35.0	48.3	48.7	47.5
Total	4,867	4,862	5,024	1,186	1,248	1,384
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Educational Attainment [3]						
Not High School	14.6	15.0	14.6	19.8	19.4	19.7
High school grad. only	44.2	42.9	41.7	49.5	44.5	44.1
Some college or more	41.3	42.0	43.7	30.7	36.2	36.1

Source: March Current Population Survey.

[1] The farm entrepreneurial population consist of all persons in households where at least one member is employed primarily as a farm operator or farm manager or at least one member received farm self-employment income in the preceding year. [2] Farm operators and managers are those individuals who indicated that their longest job was as a farm operator or manager. [3] Educational attainment applies to persons age 25 years and older.

ERS, Population, Labor & Income Branch, (202) 219–0592.

Table 9-18.—Farm machines, selected types: Units shipped in the United States, 1987–96

Year	Moldboard plows	Subsoilers, deep tillage	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Cultivators[1]	Power sprayers and dusters[2]	Crop dryers[3]
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
1987	867	1,202	3,644	4,198	6,720	,716	6,587
1988	1,574	2,102	4,596	4,207	10,154	43,832	3,923
1989	1,952	2,661	4,446	6,403	13,106	46,224	5,401
1990	2,665	2,516	4,225	7,255	15,449	49,992	4,533
1991	1,382	1,999	3,413	3,829	10,580	48,845	10,201
1992	.....	2,968	.....	3,186	9,274	49,138	14,906
1993	.....	3,350	.....	2,885	8,741	19,708	24,561
1994	.....	4,173	.....	5,074	8,378	.....	22,891
1995	.....	3,486	.....	5,903	7,319	.....	23,546
1996	.....	4,148	.....	5,124	8,023	.....	.....

Year	Side delivery rokes	Hay balers[4]	Field forage harvesters	Combines (harvester threshers)	Small grain headers for combines	Corn picking units (combine attachments)	Cotton strippers and pickers[5]
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
1987	4,230	18,002	2,209	9,484	9,212	4,485	2,978
1988	7,127	25,974	3,508	7,573	14,302	.....	4,242
1989	10,925	33,373	3,958	11,229	20,316	.....	3,879
1990	12,251	36,422	4,631	14,629	24,573	.....	3,872
1991	8,738	25,336	3,192	11,555	16,969	.....	.....
1992	7,288	20,607	1,719	9,236	13,014	.....	.....
1993	7,931	21,705	1,976	.....	.....	.....	.....
1994	9,933	26,547	2,310	.....	.....	.....	.....
1995	10,204	24,098	1,788	.....	.....	.....	.....
1996	9,055	21,241	1,598	.....	.....	.....	.....

Year	Peanut combines, diggers, shakers, and windrowers	Potato harvesters[6]	Manure spreaders	Feed grinders and crushers	Silo and grain bin unloaders	Milking machines[7]	Mower-conditioners (combination)[8]
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
1987	1,031	260	11,815	2,537	7,273	37,517	11,738
1988	1,422	289	14,383	2,322	11,596	39,539	15,856
1989	3,621	393	12,935	2,301	14,446	38,709	21,035
1990	5,431	466	12,978	2,211	18,490	42,870	29,306
1991	.....	.....	9,562	2,000	31,294	25,928	21,176
1992	.....	.....	9,940	2,432	33,768	31,214	14,842
1993	.....	.....	9,914	2,293	34,822	33,211	17,240
1994	.....	.....	11,141	2,259	17,292	.....	22,938
1995	.....	.....	8,034	1,864	36,847	.....	19,894
1996	.....	.....	5,956	.....	39,822	.....	.....

[1] Row cultivators, tractor-drawn or mounted; corn and cotton type; rotary cultivators not included. [2] Does not include foggers and mist sprayers. Starting 1993 includes only self-propelled, tractor mounted, and other PTO and engine driven sprayers. [3] Beginning 1991, includes heated and cold air crop dryers. [4] Beginning 1991, includes stackers and loaders. [5] Beginning in 1986, includes potato diggers, corn harvesting equipment, picker-shellers, and field shelling attachments for corn pickers. [6] Beginning in 1987, beet harvesters are included. [7] Includes all mechanical milking machines, vacuum pumping outfits, and complete pipeline milking units. Beginning 1991, excludes vacuum pumping outfits. [8] Includes self-propelled windrowers.

ERS, Natural Resource Conservation and Management Branch (202) 694–5528.

Table 9-19.—Farm machines and equipment: Value of shipments, including exports, by classes, United States, 1987–96

Year	Total	Plows and listers	Harrows, rollers, pulverizers, and similar equipment	Planting and fertilizing machinery	Harvesting machinery	Haying equipment	Dairying equipment, sprayers, and elevators	All other farm machinery [1]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	4,804,864	74,643	99,918	409,082	1,282,315	433,671	364,727	2,140,508
1988	6,198,210	117,725	136,923	508,566	1,422,751	574,587	434,828	3,002,830
1989	7,631,496	130,754	207,834	638,248	1,858,777	731,077	478,197	3,586,609
1990	8,809,218	135,972	212,376	676,159	2,302,510	875,104	516,009	4,091,088
1991	7,705,700	119,600	321,600	601,000	2,158,000	659,100	449,200	3,397,200
1992	7,234,500	107,400	273,400	634,100	1,863,700	558,200	469,900	3,327,800
1993	8,127,600	123,400	281,000	804,600	2,036,900	622,500	591,100	3,668,100
1994	9,263,000	144,700	181,000	949,100	2,201,400	784,600	709,000	4,293,200
1995	(2)	(2)	(2)	852,900	2,666,800	729,400	764,700	.....
1996	(2)	(2)	(2)	858,900	2,962,000	662,900	833,600	.....

[1] Tractors are reported in the all other category to avoid disclosing individual companies.
[2] Data no longer available.

ERS, Natural Resource Conservation and Management Branch, (202) 694–5528. Data is from the Current Industrial Reports, MA35A, Farm Machinery, Department of Commerce.

Table 9-20.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions, 1997[1 2]

State and region[3]	Workers on farms	Farm wage rates			All hired workers[4]
	Hired	Type of worker			
		Field	Livestock	Field and livestock	
	Thousands	*Dollars per hour*	*Dollars per hour*	*Dollars per hour*	
Jan. 12–18, 1997					
Northeast I	29	7.78	6.28	6.82	7.46
Northeast II	30	7.38	6.12	6.66	7.40
Appalachian I	23	6.24	6.91	6.46	6.85
Appalachian II	24	5.87	6.27	6.08	6.81
Southeast	33	7.36	6.14	7.01	7.43
FL	56	6.80	6.80	6.80	7.45
Lake	44	7.74	6.20	6.66	7.28
Cornbelt I	31	7.13	7.42	7.27	7.88
Cornbelt II	24	7.35	6.32	6.73	7.22
Delta	26	6.26	6.16	6.21	6.83
N. Plains	25	7.80	7.16	7.34	7.56
S. Plains	47	5.56	5.97	5.81	6.12
Mountain I	11	6.19	6.59	6.48	6.91
Mountain II	13	6.75	6.64	6.67	7.37
Mountain III	15	5.82	5.90	5.85	6.37
Pacific	49	6.71	6.92	6.78	7.43
CA	137	6.04	7.50	6.25	7.10
HI	7	8.85	([5])	8.87	10.32
US (49 States)	624	6.60	6.52	6.57	7.20
Apr. 6–12, 1997					
Northeast I	40	7.11	5.67	6.59	7.22
Northeast II	41	6.62	5.81	6.27	6.99
Appalachian I	38	6.04	6.85	6.28	6.49
Appalachian II	25	5.69	6.28	5.86	6.28
Southeast	43	6.14	5.70	6.02	6.59
FL	60	6.51	6.30	6.49	7.19
Lake	63	7.50	6.56	6.91	7.31
Cornbelt I	55	7.28	7.47	7.33	7.91
Cornbelt II	27	6.76	6.43	6.57	6.64
Delta	39	5.91	6.33	6.02	6.50
N. Plains	27	7.96	6.61	7.07	7.72
S. Plains	55	5.37	5.78	5.57	5.98
Mountain I	20	6.59	4.95	5.65	5.94
Mountain II	22	6.58	5.99	6.40	6.95
Mountain III	16	5.78	5.90	5.81	6.24
Pacific	61	6.71	7.64	6.88	7.36
CA	171	6.90	8.06	6.99	7.35
HI	6	8.81	([5])	8.82	9.98
US (49 States)	809	6.64	6.40	6.59	7.04

See footnotes at end of table.

Table 9-20.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions [1] [2], 1997—Continued

State and region [3]	Workers on farms	Farm wage rates			All hired workers [4]
	Hired	Type of worker			
		Field	Livestock	Field and livestock	
	Thousands	*Dollars per hour*	*Dollars per hour*	*Dollars per hour*	
July 6–12, 1997					
Northeast I	49	6.99	6.41	6.81	7.15
Northeast II	48	6.29	5.71	6.10	6.56
Appalachian I	67	5.62	6.67	5.77	5.87
Appalachian II	39	5.65	5.45	5.60	5.80
Southeast	48	5.92	6.08	5.95	6.46
FL	40	6.71	6.60	6.69	7.60
Lake	70	6.56	6.10	6.35	6.72
Cornbelt I	65	6.70	7.84	6.95	7.63
Cornbelt II	37	6.93	6.65	6.82	7.17
Delta	50	5.67	6.42	5.86	6.23
No. Plains	51	6.95	6.99	6.96	7.39
So. Plains	82	5.60	6.17	5.83	6.32
Mountain I	26	5.89	6.39	6.00	6.19
Mountain II	30	5.88	6.69	6.00	6.33
Mountain III	25	6.30	6.21	6.29	6.99
Pacific	108	6.83	8.54	6.93	7.33
CA	227	6.74	7.43	6.79	7.18
HI	7	9.11	(5)	9.10	10.34
US (49 States)	1,069	6.44	6.54	6.46	6.88
October 12–18, 1997					
Northeast I	46	7.39	6.45	7.09	7.49
Northeast II	43	6.68	6.18	6.50	7.06
Appalachian I	53	6.51	6.77	6.55	6.73
Appalachian II	52	6.14	6.16	6.14	6.27
Southeast	32	6.38	6.27	6.36	6.95
FL	45	7.10	7.65	7.19	7.75
Lake	80	7.85	6.01	7.28	7.73
Cornbelt I	56	7.17	7.46	7.21	7.81
Cornbelt II	46	7.08	7.08	7.08	7.23
Delta	52	5.92	6.40	5.99	6.22
No. Plains	52	7.05	6.59	6.91	7.22
So. Plains	66	6.10	6.73	6.41	6.70
Mountain I	28	6.28	6.74	6.43	6.65
Mountain II	26	6.74	7.23	6.85	7.25
Mountain III	20	6.17	6.66	6.25	6.85
Pacific	79	7.55	8.14	7.60	8.11
CA	220	7.06	7.84	7.13	7.55
HI	8	8.49	(5)	8.55	9.98
US (49 States)	1,004	6.94	6.80	6.91	7.31

[1] Excludes agricultural service workers. [2] Includes all persons doing work for pay during the survey week. [3] Regions consist of the following: Northeast I: CT, ME, MA, NH, NY, RI, VT; Northeast II: DE, MD, NJ, PA; Appalachian I: NC, VA; Appalachian II: KY, TN, WV; Southeast: AL, GA, SC; Lake: MI, MN, WI; Cornbelt I: IL, IN, OH; Cornbelt II: IA, MO; Delta: AR, LA, MS; No. Plains: KS, NE, ND, SD; So. Plains: OK, TX; Mountain I: ID, MT, WY; Mountain II: CO, NV, UT; Mountain III: AZ, NM; Pacific: OR, WA. [4] Includes field, livestock, supervisors, and other workers doing work for pay during the survey week. [5] Insufficient data.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-21.—Farm labor: Number of workers on farms and average wage rates, United States, 1988–97 [1]

Year	Total workers	Self-employed and unpaid workers [2]	Hired workers [3]	Hired farm workers [3]
	Number	*Number*	*Number*	*Wage rates*
1988.				
Apr	2,732	1,796	936	5.00
July	3,218	2,018	1,200	4.90
Oct	2,913	1,937	976	5.18
1989.				
Jan	2,322	1,621	701	5.51
Apr	2,607	1,777	830	5.35
July	3,448	2,251	1,197	5.23
Oct	3,076	2,093	983	5.42
1990.				
Jan	2,447	1,752	695	5.70
Apr	2,761	1,928	833	5.54
July	3,335	2,229	1,106	5.30
Oct	3,022	2,087	935	5.64
1991.				
Jan	2,446	1,740	706	6.00
Apr	2,743	1,917	826	5.81
July	3,318	2,205	1,113	5.57
Oct	3,002	2,006	996	5.88
1992.				
Jan	2,449	1,746	703	6.37
Apr	2,669	1,832	837	6.05
July	3,172	2,140	1,032	5.82
Oct	2,950	2,058	892	6.09
1993.				
Jan	2,348	1,737	611	6.40
Apr	2,660	1,832	828	6.37
July	3,225	2,163	1,062	6.07
Oct	2,966	2,038	928	6.26
1994.				
Jan	2,340	1,703	637	6.54
Apr	2,679	1,876	803	6.42
July	3,169	2,129	1,040	6.21
Oct	2,886	2,006	880	6.46
1995.				
Jan	2,291	1,662	629	6.73
Apr	2,643	1,821	822	6.49
July	3,324	2,258	1,066	6.44
Oct	3,084	2,127	957	6.58
Annual average	2,836	1,967	869	6.54
1996.				
Jan	2,347	1,749	598	6.89
Apr	2,699	1,919	780	6.76
July	(4)	(4)	1,015	6.55
Oct	(4)	(4)	935	6.97
Annual average	2,842	2,010	832	6.78
1997.				
Jan	(4)	(4)	624	7.20
Apr	(4)	(4)	809	7.04
July	(4)	(4)	1,069	6.88
Oct	(4)	(4)	1,004	7.31
Annual average	2,670	1,991	879	7.36

[1] Beginning in July 1984, three surveys a year were conducted in the 48 contiguous States and Hawaii. In 1989, January was added to the survey program. Data are obtained from establishments for the week that includes the 12th. [2] Includes farm operators and partners doing 1 or more hours of farm work and other unpaid workers working 15 hours or more during the survey week without cash wages. [3] Includes all persons doing farm work for pay during the survey week. [4] Discontinued.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-22.—Hired Farmworkers: Number of Workers and Median Weekly Earnings, 1994–96 [1 2]

Characteristics	Workers			Median Weekly Earnings [3]	994	
	1994 [4]	1995 [4]	1996		1995	1996
	Thousands	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*Dollars*
All workers	793	849	906	231	247	250
15–19 years old	97	124	155	119	120	100
20–24 years old	125	132	98	225	250	225
25–34 years old	223	227	218	250	250	284
35–44 years old	164	148	199	262	269	280
45–54 years old	105	118	123	248	260	260
55 years old and older	78	100	113	228	227	241
Male	663	718	763	240	248	250
Female	129	131	143	180	200	188
White [5]	406	455	534	240	231	248
Black and other races [5]	59	45	46	210	204	220
Hispanic	327	349	326	235	245	250
Schooling completed [6]						
Less than 5th grade	106	121	119	200	230	250
5th-8th grade	181	191	181	231	231	240
9th-12th grade (no diploma)	180	193	219	200	200	200
High school diploma	202	220	230	269	280	275
Beyond high school	124	125	157	300	300	320
Full-time (35 or more hours per week)	634	694	703	250	260	280
Part-time (less than 35 hours per week)	159	155	203	110	95	100

[1] Represents average number of persons 15 years old and over in the civilian noninstitutional population who were employed per week as hired farmworkers. Based on the Current Population Survey microdata earnings file. [2] Data for 1994 and 1995 are not directly comparable with data for 1993 and earlier years because of survey redesign. [3] "Median weekly earnings" is the value that divides the earnings into two equal parts, one part having earnings above the median and the other part having earnings below the median. "Earnings" refers to the weekly earnings the farmworker usually earns at a farmwork job, before deductions, and includes any overtime pay or commissions. [4] Revised. [5] Excludes persons of Hispanic origin. [6] Educational attainment levels, prior to January 1992, reflected years of schooling completed rather than degrees or diplomas received.

ERS, Food Assistance, Poverty, and Well Being Branch, (202) 694–5438.

Table 9-23.—Crops: Area, United States, 1988–97

Year	Principal crops				Commercial vegetables, harvested area [4]	Fruits and planted nuts, bearing area [5]
	Area harvested			Area planted total [3]		
	Feed grains [1]	Food grains [2]	Total [3]			
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*
1988	80,458	56,684	288,995	318,032	2,472.3	3,514.2
1989	91,081	65,360	304,574	331,152	2,624.5	3,506.9
1990	89,517	72,301	307,768	326,337	2,671.5	3,504.7
1991	91,921	60,979	303,352	325,362	2,643.8	3,486.4
1992	95,908	66,284	306,652	326,453	3,323.2	3,534.9
1993	82,393	65,926	295,529	319,553	3,215.3	3,656.1
1994	92,481	65,493	308,138	323,968	3,428.6	3,693.0
1995	82,514	64,423	301,032	318,237	3,417.1	3,749.2
1996	94,500	66,073	313,518	334,371	3,327.5	3,815.3
1997	92,447	66,952	319,894	334,139	3,267.6	3,824.5

[1] Corn for grain, oats, barley, and sorghum for grain. [2] Wheat, rye, and rice. [3] Crops included in area planted and area harvested are corn, sorghum, oats, barley, winter wheat, rye, durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, and sugarbeets. Harvested acreage for all hay, tobacco, and sugarcane are used in computing total area planted. [4] 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. [5] Includes the following fruits and nuts: Citrus fruits—oranges, tangerines, temples, grapefruit, lemons, limes, tangelos, and K-Early Citrus (area is for the year of harvest); deciduous fruits—commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, bananas, nectarines, figs, kiwifruit, olives, avocados, papayas, dates, persimmons, pineapples and pomegranates; nuts—walnuts, almonds, filberts, macadamias, and pistachios.

NASS, Crops Branch, (202) 720–2127.

Table 9-24.—Crops: Area, yield, production, and value, United States, 1995–97 [1]

Crop	Area harvested [2]			Yield per harvested acre [3]			
	1995	1996	1997 [4]	Unit	1995	1996	1997 [4]
	1,000 acres	*1,000 acres*	*1,000 acres*				
Corn for grain	64,995.0	73,147.0	73,720.0	Bushel	113.5	127.1	127.0
Corn for silage	5,295.0	5,415.0	5,758.0	Ton	14.7	15.4	16.0
Sorghum for grain	8,278.0	11,901.0	9,391.0	Bushel	55.6	67.5	69.5
Sorghum for silage	368.0	371.0	310.0	Ton	9.9	11.7	12.5
Oats [5]	2,962.0	2,685.0	2,911.0	Bushel	54.7	57.8	60.5
Barley [5]	6,279.0	6,767.0	6,425.0	Bushel	57.3	58.5	58.3
Wheat, all [5]	60,945.0	62,927.0	63,577.0	Bushel	35.8	36.3	39.7
Winter [5]	40,972.0	39,679.0	41,813.0	Bushel	37.7	37.2	45.0
Durum [5]	3,356.0	3,556.0	3,107.0	Bushel	30.5	32.6	27.7
Other spring [5]	16,617.0	19,692.0	18,657.0	Bushel	32.2	35.1	29.9
Rice	3,093.0	2,799.0	3,034.0	Pound	5,621	6,121	5,896
Rye [5]	385.0	347.0	341.0	Bushel	26.1	26.0	26.1
Soybeans for beans	61,624.0	63,409.0	69,884.0	Bushel	35.3	37.6	39.0
Peanuts for nuts	1,517.0	1,380.0	1,405.8	Pound	2,282	2,653	2,523
Sunflower	3,368.0	2,499.0	2,852.0	Pound	1,190	1,435	1,320
Canola	429.0	346.0	698.0	Pound	1,278	1,384	1,310
Mustard seed	22.0	18.6	72.8	Pound	832	785	816
Rapeseed	2.4	2.2	1.5	Pound	1,255	1,470	1,300
Safflower	237.0	230.0	235.0	Pound	1,770	1,829	1,830
Flaxseed	147.0	92.0	135.0	Bushel	15.0	17.4	16.1
Cotton lint	16,006.7	12,868.1	13,283.5	Pound	537	707	686
Upland	15,795.6	12,612.2	13,032.5	Pound	533	701	679
Amer-Pima	211.1	255.9	251.0	Pound	836	991	1,027
Cottonseed	.....	.....	.....	Ton	.....	.....	.....
Hay, all	59,629.0	60,879.0	60,815.0	Ton	2.59	2.45	2.50
Hay, Alfalfa	24,489.0	24,291.0	23,673.0	Ton	3.45	3.27	3.35
Hay, All other	35,140.0	36,588.0	37,142.0	Ton	1.98	1.91	1.96
Beans, dry edible	1,899.3	1,752.7	1,720.2	Pound	1,622	1,595	1,695
Peas, dry edible	194.0	204.9	276.6	Pound	2,456	1,304	2,103
Peas, wrinkled seed	NA	NA	NA	NA	NA	NA	NA
Peas, Austrian winter	7.7	7.3	7.6	Pound	1,545	1,411	1,513
Lentils	163.1	140.0	172.0	Pound	1,364	952	1,390
Potatoes:.							
Winter	11.9	14.5	15.4	Cwt	208	226	203
Spring	84.3	90.0	86.2	Cwt	240	249	252
Summer	70.7	74.8	65.9	Cwt	254	261	272
Fall	1,205.2	1,246.7	1,158.0	Cwt	334	364	360
Total	1,372.1	1,426.0	1,325.5	Cwt	323	350	347
Sweetpotatoes	83.6	84.8	83.5	Cwt	154	159	156
Tobacco	663.1	732.7	797.3	Pound	1,913	2,071	2,106
Sugarbeets	1,420.1	1,323.3	1,427.8	Ton	19.8	20.2	20.9
Sugarcane for sugar and seed	932.3	888.9	915.5	Ton	33.0	33.1	34.0
Peppermint oil	135.3	131.4	136.3	Pound	70	72	75
Spearmint oil	28.8	22.7	24.5	Pound	79	95	98
Taro	0.6	0.5	0.5	Pound	12,400	10,800	11,600
Hops	43.2	44.2	43.3	Pound	1,826	1,698	1,729
Ginger root (HI)	0.1	0.2	0.3	Pound	43,000	47,000	44,000
Apples, commercial crop	460,470	461,470	454,220	Ton	11.50	11.30	11.30
Apricots	21,290	21,690	21,890	Ton	2.84	3.66	6.30
Avocados [8]	65,910	63,580	NA	Ton	2.89	2.97	NA
Bananas	930	1,040	1,040	Ton	6.99	6.25	6.49
Berries	57,590	57,380	61,440	Ton	2.54	2.04	2.62
Cherries, sweet	47,380	48,180	48,770	Ton	3.49	3.20	4.57
Cherries, tart	45,625	41,600	39,780	Ton	4.34	3.27	3.63
Cranberries	32,800	34,000	34,900	Ton	6.39	6.87	7.87
Dates	5,200	4,680	4,800	Ton	4.37	5.56	5.31
Figs [7]	14,700	15,400	16,000	Ton	3.56	2.95	3.03
Grapes	754,220	763,830	777,420	Ton	8.12	7.27	8.79
Guava	750	710	NA	Ton	10.90	11.50	NA
Kiwifruit	6,600	6,600	6,600	Ton	5.76	4.77	5.97
Nectarines	32,400	34,600	37,100	Ton	5.43	7.14	7.12
Olives	33,700	33,700	33,700	Ton	2.30	4.93	3.09
Papayas	2,435	1,835	2,000	Ton	10.40	11.40	10.30
Peaches	169,710	168,755	167,900	Ton	6.78	6.27	7.90
Pears	70,550	70,530	70,110	Ton	13.40	11.60	14.90
Pineapples	19,900	20,000	19,900	Ton	NA	NA	NA
Plums (California)	42,000	42,600	42,000	Ton	2.95	5.35	5.79
Prunes, dried (California)	78,800	80,200	81,200	Ton	7.58	8.78	7.54
Prunes and plums, fresh basis (excluding California).	6,400	5,900	5,900	Ton	3.52	3.39	4.92
Strawberries	48,330	47,970	44,690	Ton	16.60	17.00	18.30
Oranges [9]	771,170	808,050	841,800	Box	342	327	352
Grapefruit [9]	166,360	174,370	182,900	Box	427	380	384
Lemons [9]	61,800	60,600	60,400	Box	382	431	374
Limes [9]	1,900	2,000	2,100	Box	121	150	152
Tangerines [9]	34,300	38,600	42,500	Box	195	210	222
Tangelos [9]	12,400	12,700	13,300	Box	254	193	297
Temples [9]	6,800	6,600	6,700	Box	375	326	358
K-Early Citrus [9]	400	300	400	Box	300	533	375

See footnotes at end of table.

Table 9-24.—Crops: Area, yield, production, and value, United States, 1995–97 [1]—Continued

Crop	Production				Value of production		
	Unit	1995	1996	1997 [4]	1995	1996	1997 [4]
		Thousands	*Thousands*	*Thousands*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Corn for grain	Bushel	7,373,876	9,293,435	9,365,574	24,117,503	25,312,028	24,394,072
Corn for silage	Ton	77,867	83,594	91,903	.....	.....	.....
Sorghum for grain	Bushel	460,373	802,974	653,106	1,395,413	2,004,154	1,455,717
Sorghum for silage	Ton	3,652	4,356	3,885	.....	.....	.....
Oats [5]	Bushel	162,027	155,273	176,104	280,547	319,067	289,148
Barley [5]	Bushel	359,562	395,751	374,478	1,028,756	1,091,463	917,131
Wheat, all [5]	Bushel	2,182,591	2,285,133	2,526,552	9,787,213	9,814,961	8,611,684
Winter [5]	Bushel	1,544,653	1,477,058	1,882,609	6,717,800	6,427,598	6,186,746
Durum [5]	Bushel	102,280	116,090	86,193	567,541	541,993	418,213
Other spring [5]	Bushel	535,658	691,985	557,750	2,501,872	2,845,370	2,006,725
Rice	Cwt	173,871	171,321	178,896	1,587,236	1,687,407	1,728,687
Rye [5]	Bushel	10,064	9,016	8,912	28,948	33,407	31,946
Soybeans for beans	Bushel	2,176,814	2,382,364	2,727,254	14,616,758	17,455,175	17,704,722
Peanuts for nuts	Pound	3,461,475	3,661,205	3,546,360	1,013,323	1,029,774	927,047
Sunflower	Pound	4,009,340	3,586,615	3,763,428	457,575	417,910	426,571
Canola	Pound	548,263	478,881	914,385	60,817	61,811	103,056
Mustard seed	Pound	18,304	14,601	59,405	2,227	2,460	9,432
Rapeseed	Pound	3,012	3,234	1,950	361	429	257
Safflower	Pound	419,490	420,665	430,050	61,059	76,319	67,042
Flaxseed	Bushel	2,211	1,602	2,171	11,475	10,197	12,473
Cotton lint	Bale	17,899.8	18,942.0	18,976.9	6,574,612	6,408,144	6,142,346
Upland	Bale	17,532.2	18,413.5	18,439.9	6,358,184	6,136,592	5,882,683
Amer-Pima	Bale	367.6	528.5	537.0	216,428	271,552	259,663
Cottonseed	Ton	6,848.7	7,143.5	7,278.0	731,005	914,564	876,450
Hay, all	Ton	154,166	149,457	152,120	11,041,844	12,722,600	13,416,721
Hay, Alfalfa	Ton	84,515	79,517	79,242	6,812,107	7,845,294	8,324,963
Hay, All other	Ton	69,651	69,940	72,878	4,229,737	4,877,306	5,091,758
Beans, dry edible	Cwt	30,812	27,960	29,156	636,133	653,134	586,452
Peas, dry edible	Cwt	4,765	2,671	5,816	45,062	29,638	43,020
Peas, Austrian winter	Cwt	119	103	115	1,440	1,329	1,426
Lentils	Cwt	2,224	1,333	2,391	37,300	22,758	31,156
Peas, wrinkled seed	Cwt	1,048	548	682	14,672	8,877	10,743
Potatoes	Cwt	443,606	498,633	459,912	2,991,722	2,430,889	2,604,189
Sweetpotatoes	Cwt	12,906	13,456	13,025	204,658	193,439	213,171
Tobacco	Pound	1,268,538	1,517,351	1,678,821	2,305,192	2,851,548	3,039,217
Maple syrup	Gal	1,096	1,567	1,293	28,719	42,169	30,484
Sugarbeets	Ton	28,065	26,680	29,874	1,070,663	1,211,001	NA
Sugarcane for sugar and seed	Ton	30,796	29,462	31,124	906,956	833,245	NA
Peppermint oil	Pound	9,449	9,424	10,256	130,048	128,459	135,455
Spearmint oil	Pound	2,274	2,150	2,403	27,858	25,860	28,770
Taro	Pound	6,800	5,700	5,200	3,264	2,793	2,652
Hops	Pound	78,852.4	74,970.5	74,872.1	135,087	123,530	117,924
Ginger root (HI)	Pound	5,800	9,400	12,100	5,046	7,050	8,107
Apples, commercial crop	Ton	5,292.5	5,196.0	5,113.3	1,765,582	1,644,226	1,687,974
Apricots	Ton	60.5	79.3	138.0	27,572	35,171	42,622
Avocados [8]	Ton	190.3	188.7	NA	244,733	264,238	NA
Bananas [11]	Ton	6.5	6.5	6.8	5,200	5,200	5,265
Berries	Ton	148.3	118.9	165.9	202,134	218,173	223,782
Cherries, sweet	Ton	165.5	154.3	222.8	193,315	223,425	274,795
Cherries, tart	Ton	197.8	135.9	144.5	18,456	41,747	NA
Cranberries	Ton	209.7	233.6	274.5	223,938	307,827	NA
Dates	Ton	22.7	26.0	25.5	17,706	18,460	21,930
Figs [7]	Ton	52.4	45.5	48.5	16,429	12,850	12,103
Grapes	Ton	5,922.3	5,554.3	6,836.4	2,047,220	2,371,375	2,691,265
Guava [11]	Ton	8.2	8.2	NA	2,378	2,249	NA
Kiwifruit	Ton	38.0	31.5	39.4	15,089	13,368	NA
Nectarines	Ton	176.0	247.0	264.0	93,990	116,977	98,895
Olives	Ton	77.5	166.0	104.0	50,069	102,529	68,560
Papayas [11]	Ton	25.4	20.9	20.5	18,494	17,054	19,030
Peaches	Ton	1,150.8	1,058.2	1,325.6	404,990	394,308	451,202
Pears	Ton	948.3	820.8	1,044.0	257,964	308,367	299,621
Pineapples [11]	Ton	345.0	347.0	324.0	87,360	95,914	91,721
Plums (California)	Ton	124.0	228.0	243.0	117,849	95,831	75,886
Prunes, dried (California)	Ton	597.3	704.0	612.0	188,240	187,097	NA
Prunes and plums, fresh basis (excluding California).	Ton	22.5	20.0	29.0	6,718	8,525	7,860
Strawberries	Ton	804.1	813.8	816.6	812,668	770,391	907,523
Oranges [9]	Box	263,605	263,890	296,620	1,624,061	1,822,576	1,936,416
Grapefruit [9]	Box	71,050	66,200	70,200	307,525	296,134	274,514
Lemons [9]	Box	23,600	26,100	22,600	263,441	251,255	294,120
Limes [9]	Box	230	300	320	3,329	3,914	3,204
Tangerines [9]	Box	6,700	8,100	9,450	100,285	111,359	118,531
Tangelos [9]	Box	3,150	2,450	3,950	15,435	15,304	19,111
Temples [9]	Box	2,550	2,150	2,400	14,301	14,093	12,517
K-Early Citrus [9]	Box	120	160	150	538	784	669

See footnotes at end of table.

Table 9-24.—Crops: Area, yield, production, and value, United States, 1995–97 [1]—Continued

Crop	Area harvested [2]			Yield per harvested acre [3]			
	1995	1996	1997 [4]	Unit	1995	1996	1997 [4]
	1,000 acres	*1,000 acres*	*1,000 acres*				
Almonds	400,000	405,000	420,000	Ton	0.76	1.02	1.44
Hazelnuts (filberts).	27,800	28,350	28,475	Ton	1.40	0.65	1.55
Macadamia nuts	19,300	19,200	19,200	Ton	1.32	1.47	1.51
Pecans	NA	NA	NA	Ton	NA	NA	NA
Pistachios	60,300	64,300	65,400	Ton	1.23	0.82	1.38
Walnuts	169,000	169,000	170,000	Ton	1.38	1.23	1.58
Coffee	5.4	5.3	5.6	Pound	1,000	1,210	1,610
Commercial Vegetables:							
Fresh Market							
Artichokes	8,900	8,900	9,100	Cwt	92	100	95
Asparagus [10]	72,340	73,560	73,540	Cwt	28	27	27
Beans, lima	5,500	4,700	5,000	Cwt	30	29	30
Beans, snap	88,700	78,560	80,060	Cwt	50	47	47
Broccoli [10]	129,400	131,500	134,200	Cwt	122	118	129
Brussel sprouts.	3,400	3,800	4,200	Cwt	165	180	150
Cabbage	73,680	76,420	79,830	Cwt	312	321	343
Cantaloups	102,820	104,160	113,770	Cwt	187	212	207
Carrots [10]	81,120	92,160	97,460	Cwt	289	290	345
Cauliflower [10]	51,050	46,700	47,400	Cwt	128	142	137
Celery	28,050	26,950	26,930	Cwt	671	700	671
Corn, sweet	218,700	221,100	222,800	Cwt	98	103	101
Cucumbers	59,780	56,100	56,050	Cwt	169	175	195
Eggplant	3,300	2,500	2,600	Cwt	192	271	284
Escarole/endive.	3,450	3,560	3,100	Cwt	154	172	179
Garlic	28,000	35,000	37,000	Cwt	165	175	150
Honeydew melons.	26,000	27,300	29,400	Cwt	167	174	197
Lettuce, head	197,160	202,600	201,800	Cwt	316	325	340
Lettuce, leaf	39,070	41,280	42,330	Cwt	228	222	218
Lettuce, Romaine.	30,540	32,970	33,550	Cwt	279	262	277
Onions	164,000	159,310	154,920	Cwt	391	385	412
Peppers, bell	67,600	68,500	65,650	Cwt	213	247	255
Spinach	16,250	16,000	15,100	Cwt	109	103	126
Tomatoes	132,820	124,640	125,370	Cwt	260	277	302
Watermelons	203,880	207,460	184,600	Cwt	198	213	221
Processing:							
Beans, lima	51,800	49,200	51,730	Ton	1.37	1.48	1.47
Beans, snap	213,040	204,050	195,480	Ton	3.26	3.79	3.75
Beets	10,550	10,210	7,460	Ton	14.22	12.33	16.38
Cabbage for sauerkraut.	7,620	7,290	5,490	Ton	22.82	19.47	33.46
Carrots	27,900	24,820	22,200	Ton	20.99	22.83	24.84
Corn, sweet	483,910	474,200	464,220	Ton	6.87	6.95	7.16
Cucumbers for pickles.	116,890	104,500	103,570	Ton	5.22	5.37	5.98
Peas, green	304,000	247,300	268,900	Ton	1.62	1.67	1.77
Spinach	21,410	21,110	19,440	Ton	7.28	7.86	7.56
Tomatoes	344,380	339,120	283,370	Ton	32.77	33.64	35.19

See footnotes at end of table.

Table 9-24.—Crops: Area, yield, production, and value, United States, 1995–97 [1]—Continued

Crop	Production				Value of production		
	Unit	1995	1996	1997 [4]	1995	1996	1997 [4]
		Thousands	*Thousands*	*Thousands*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Almonds	Ton	304.3	412.0	605.8	880,896	1,018,368	1,080,000
Hazelnuts (filberts)	Ton	39.0	18.5	44.1	35,611	15,900	39,433
Macadamia nuts	Ton	25.5	28.3	29.0	37,740	44,070	42,920
Pecans	Ton	134.0	110.8	136.1	271,818	141,119	257,043
Pistachios	Ton	74.0	52.5	90.0	161,320	121,800	203,400
Walnuts	Ton	234.0	208.0	269.0	327,600	326,560	NA
Coffee	Pound	5,400	6,400	9,000	16,200	20,800	29,250
Commercial Vegetables:							
Fresh Market							
Artichokes	Cwt	819	890	865	61,965	65,416	67,620
Asparagus [10]	Cwt	2,024	1,989	1,979	177,170	156,623	181,224
Beans, lima	Cwt	165	136	150	5,280	4,216	4,950
Beans, snap	Cwt	4,441	3,711	3,790	162,260	154,952	156,377
Broccoli [10]	Cwt	15,815	15,453	17,315	443,304	409,167	495,515
Brussel sprouts	Cwt	561	684	630	14,390	20,120	26,800
Cabbage	Cwt	22,994	24,531	27,395	260,644	244,814	279,291
Cantaloups	Cwt	19,278	22,119	23,556	350,698	400,795	417,859
Carrots [10]	Cwt	23,478	26,760	33,599	394,356	355,829	441,193
Cauliflower [10]	Cwt	6,528	6,644	6,483	216,548	213,983	197,956
Celery	Cwt	18,830	18,861	18,062	306,828	199,398	273,445
Corn, sweet	Cwt	21,399	22,717	22,587	389,288	384,445	398,279
Cucumbers	Cwt	10,079	9,845	10,957	166,333	186,325	185,194
Eggplant	Cwt	633	677	738	16,225	18,146	17,558
Escarole/endive	Cwt	532	612	556	14,642	13,377	13,123
Garlic	Cwt	4,620	6,125	5,550	140,700	196,333	261,519
Honeydew melons	Cwt	4,332	4,737	5,795	89,193	80,405	109,394
Lettuce, head	Cwt	62,349	65,852	68,542	1,463,348	970,798	1,187,830
Lettuce, leaf	Cwt	8,924	9,154	9,241	309,477	245,536	244,841
Lettuce, Romaine	Cwt	8,530	8,651	9,279	215,026	163,132	170,954
Onions	Cwt	64,182	61,369	63,883	633,692	581,571	648,437
Peppers, bell	Cwt	14,431	16,953	16,773	452,786	474,801	502,595
Spinach	Cwt	1,776	1,654	1,903	56,458	48,029	58,682
Tomatoes	Cwt	34,535	34,564	37,809	891,343	966,679	1,246,843
Watermelons	Cwt	40,444	44,135	40,734	357,062	275,684	309,230
Processing:							
Beans, lima	Ton	70,850	72,710	76,280	31,589	33,105	35,006
Beans, snap	Ton	695,450	773,560	733,000	120,992	138,103	129,753
Beets	Ton	150,000	125,870	122,180	8,814	8,092	8,136
Cabbage for sauerkraut	Ton	173,870	141,920	183,670	7,549	6,029	8,299
Carrots	Ton	585,550	566,580	551,450	46,443	38,098	37,447
Corn, sweet	Ton	3,324,150	3,296,330	3,323,540	251,156	258,840	247,839
Cucumbers for pickles	Ton	610,460	560,670	619,090	135,803	139,330	146,043
Peas, green	Ton	492,590	413,960	475,940	131,762	117,596	136,996
Spinach	Ton	155,820	165,850	146,940	15,970	17,105	15,729
Tomatoes	Ton	11,286,040	11,408,740	9,972,650	713,544	711,121	605,350

[1] Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops. [2] Bearing acreage for noncitrus fruits. [3] Yield per bearing acre for noncitrus fruits. [4] Preliminary. [5] Includes area seeded in preceding fall. [6] Clean basis. [7] Fresh basis. [8] Year of bloom. [9] Crop year begins with bloom in one year and ends with completion of harvest the following year. Citrus production is for the year of harvest. [10] For breakdown between fresh market and processing, see individual crop tables. [11] Utilized production. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 9-25.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1986–95

[1982=100]

Year	Livestock and products				
	Farm output	All livestock and products [1]	Meat animals [2]	Dairy products [3]	Poultry and eggs [4]
1986	100	105	100	106	112
1987	102	107	101	105	122
1988	95	109	103	107	125
1989	103	110	103	106	130
1990	108	111	103	109	138
1991	109	114	106	109	144
1992	116	117	107	112	151
1993	109	117	107	111	157
1994	122	122	110	113	165
1995 [11]	.....				

Year	Crops				
	All crops	Feed crops [5]	Food grains [6]	Oil crops [7]	Cotton and cotton seed
1986	97	102	77	88	83
1987	98	91	77	88	128
1988	86	67	70	72	133
1989	98	91	77	87	104
1990	106	94	99	87	133
1991	105	92	75	93	151
1992	115	107	93	99	139
1993	102	82	88	85	139
1994	121	110	89	114	171
1995 [11]	.....				

Year	Crops			
	Tobacco	Vegetables and melons [8]	Fruits and nuts [9]	Other crops [10]
1986	58	110	95	122
1987	61	120	108	134
1988	69	109	116	141
1989	71	114	111	145
1990	83	125	110	154
1991	85	130	109	156
1992	88	134	114	163
1993	83	128	122	161
1994	80	143	125	171
1995 [11]	.....			

[1] Includes wool, mohair, horses, mules, honey, beeswax, bees, goats, rabbits, aquaculture, and fur animals. These items are not included in the separate groups of livestock and products shown. [2] Cattle and calves, sheep and lambs, and hogs. [3] Butter, butterfat, wholesale milk, retail milk, and milk consumed on farms. [4] Chicken eggs, commercial broilers, chickens, and turkeys. [5] Feed grains and forage crops. [6] All wheat, rye, and rice. [7] Soybeans, peanuts harvested for nuts, sunflower seed, and flaxseed. [8] Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value. [9] 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. [10] Includes sugar crops, floriculture and ornamentals, forest products, legums and grass seeds, hops, mint, broomcorn, popcorn, hemp fiber and seed, and flax fiber. [11] Not available.

ERS, Environmental Indicators and Resource Accounting Branch (202) 694–5601.

Table 9-26.—Total farm input: Index numbers of farm input, by major subgroups, United States, 1986–95

[1982=100]

Year	Total input	Farm labor	Farm real estate	Durable equipment	Energy	Agricultural chemicals [1]	Feed, seed, and livestock purchases [2]	Other purchased inputs [3]
1986	90	84	95	80	84	110	94	85
1987	88	84	91	74	93	101	91	92
1988	88	86	91	70	93	92	90	94
1989	87	87	93	67	92	96	86	98
1990	89	85	92	65	92	99	93	99
1991	90	88	91	63	92	104	93	101
1992	88	83	91	61	92	104	94	99
1993	89	80	89	60	92	109	95	106
1994	89	80	90	58	95	111	96	111
1995 [4]	.....							

[1] Includes fertilizer, lime, and pesticides. [2] Includes broiler- and egg-type chicks and turkey poults and imports of livestock for purposes other than immediate slaughter. [3] Includes purchased services and miscellaneous inputs. [4] Not available.

ERS, Environmental Indicators and Resource Accounting Branch (202) 694–5601.

Table 9-27.—Livestock and livestock products: Production and value, United States, 1994–96

Product	Production [1]			Value of production		
	1994	1995	1996 [2]	1994	1995	1996 [2]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Cattle and calves	42,095,787	42,713,767	41,304,921	26,861,431	24,830,132	22,259,418
Sheep and lambs	630,033	599,392	560,162	360,279	409,900	431,023
Hogs	24,436,502	24,425,501	23,263,037	9,692,390	9,829,188	11,997,453
Chickens [3]	33,550,990	34,222,000	37,178,450	11,449,219	11,762,222	14,176,055
Turkeys	6,540,877	6,779,277	7,171,527	2,643,765	2,776,372	3,102,093
Milk	153,664,000	155,425,000	154,331,000	20,161,937	20,098,996	23,057,197
Wool (shorn)	68,577	63,513	56,669	52,377	64,277	39,659
Mohair [4]	11,680	12,019	8,045	30,602	22,089	15,486
	Millions	*Millions*	*Millions*			
Eggs	73,911	74,591	76,148	3,780,377	3,879,609	4,756,582

[1] For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory. [2] Preliminary. [3] Including commercial broiler production. Pounds sold replace production of chickens. [4] AZ, NM, OK, and TX.

NASS, Livestock and Economic Branch, (202) 720–6146.

Table 9-28.—Agricultural productivity: Index numbers (1982=100) of farm output per unit of input, United States, 1986–95

Year	Productivity [1]	Year	Productivity [1]
1986	111	1991	121
1987	115	1992	131
1988	109	1993	123
1989	118	1994	136
1990	122	1995 [2]	.....

[1] Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 9-23 by the index of total input in table 9–24. [2] Not available.

ERS, Environmental Indicators and Resource Accounting Branch (202) 694–5601.

Table 9-29.—U.S. farm foods: Marketing bill, farm value, and consumer expenditures, 1987–96 [1]

Year	Total marketing bill	Farm value	Expenditures for farm foods	Year	Total marketing bill	Farm value	Expenditures for farm foods
	Billion dollars	*Billion dollars*	*Billion dollars*		*Billion dollars*	*Billion dollars*	*Billion dollars*
1987	285.1	90.4	375.5	1992	369.4	105.1	474.5
1988	301.9	96.8	398.8	1993	379.6	109.6	489.2
1989	315.6	103.8	419.4	1994	402.6	109.6	512.2
1990	343.6	106.2	449.8	1995	415.7	113.8	529.5
1991	363.5	101.6	465.1	1996 [2]	423.7	122.8	546.5

[1] The total marketing bill is the difference between total expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to food purchased by consumers that is not imported or exported. [2] Preliminary.

ERS, Food Markets Branch, (202) 694–5375.

Table 9-30.—Farm food products: Marketing costs, United States, 1987–96

Year	Labor [1]	Packaging materials	Intercity transportation, rail and truck	Fuels and electricity	Corporate profits before taxes	Other [2]	Total marketing bill [3]
	Billion dollars	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*
1987	130.0	29.9	17.2	13.6	11.1	83.3	285.1
1988	137.9	32.6	17.8	14.1	12.0	87.5	301.9
1989	145.1	35.2	18.6	14.8	12.9	89.0	315.6
1990	154.0	36.5	19.8	15.2	13.2	104.9	343.6
1991	160.9	38.1	20.4	16.3	15.2	112.6	363.5
1992	168.4	40.1	20.6	16.7	15.7	107.9	369.4
1993	178.0	40.9	21.2	17.2	18.4	104.2	379.6
1994	186.1	43.3	21.8	17.9	20.5	113.0	402.6
1995	196.6	47.8	22.3	18.6	22.8	107.6	415.7
1996 [4]	206.3	46.9	22.9	19.3	24.0	104.3	423.7

[1] 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. [2] Includes depreciation, rent, advertising and promotion, interest, taxes, licenses, insurance, professional services, local for-hire transportation, food service in schools, colleges, hospitals, and other institutions, and miscellaneous items. [3] 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. [4] Preliminary.

ERS, Food Markets Branch, (202) 694–5375.

Table 9-31.—Price components: Market basket of farm-originated food products by food group, United States, 1987–96 [1]

Year	Market basket of food products				Bakery and cereal products			
	Retail cost [2]	Farm value [3]	Farm to retail spread [4]	Farm value share of retail cost	Retail cost	Farm value	Farm to retail spread	Farm value share of retail cost
	Index 1982–84=100	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*	*Index 1982–84=100*	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*
1987	112	97	120	30	115	71	121	8
1988	116	100	125	30	122	93	126	9
1989	125	107	134	30	132	102	137	9
1990	134	113	145	30	140	91	147	8
1991	137	106	154	27	146	85	154	7
1992	138	103	157	26	152	94	160	8
1993	142	105	162	26	157	92	166	7
1994	145	101	169	24	164	103	171	8
1995	149	103	175	24	168	110	176	8
1996 [5]	156	111	180	25	174	126	181	7

	Meat products				Fruits and vegetables, fresh			
	Index 1982–84=100	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*	*Index 1982–84=100*	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*
1987	110	101	118	47	129	112	137	29
1988	112	100	125	45	137	112	150	27
1989	117	104	130	45	149	116	165	26
1990	129	117	140	46	163	126	181	26
1991	133	110	156	42	177	142	195	26
1992	131	105	158	41	174	122	199	23
1993	135	107	163	40	182	131	207	24
1994	135	96	176	36	191	119	225	21
1995	136	94	178	35	210	133	248	21
1996 [5]	140	100	181	36	216	133	257	20

	Dairy products				Fats and oils			
	Index 1982–84=100	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*	*Index 1982–84=100*	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*
1987	106	93	118	42	108	74	120	18
1988	108	91	125	40	113	103	117	24
1989	116	99	131	41	121	96	131	21
1990	127	102	150	39	126	107	133	23
1991	125	90	157	35	132	98	144	20
1992	129	96	159	36	130	93	143	19
1993	129	93	163	35	130	108	138	22
1994	132	94	166	34	134	126	137	25
1995	133	92	170	33	138	121	143	24
1996 [5]	142	107	174	36	144	122	152	22

	Poultry				Fruits and vegetables, processed			
	Index 1982–84=100	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*	*Index 1982–84=100*	*Index 1982–84=100*	*Index 1982–84=100*	*Percent*
1987	113	94	134	45	109	111	108	24
1988	121	110	133	49	118	137	112	28
1989	133	117	151	47	125	132	123	25
1990	133	108	161	44	133	144	129	26
1991	132	103	165	42	130	122	133	22
1992	131	104	163	42	134	129	135	23
1993	137	112	166	44	132	107	139	19
1994	142	115	173	43	135	113	141	20
1995	144	114	178	42	138	121	143	21
1996 [5]	152	126	183	44	144	122	152	22

[1] The market basket consists of foods that mainly originate on U.S. farms bought in foodstores in a base period, currently 1982–84. [2] Indexes of retail cost are components of the Consumer Price Index published by the Bureau of Labor Statistics. [3] Gross return or payment to farmers for the farm products equivalent to foods in the market basket. [4] 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. [5] Preliminary.

ERS, Food Markets Branch (202) 694–5375.

Table 9-32.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1995 and 1996

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1995 [2]	1996 [2]	1995	1996
		Dollars	*Dollars*	*Dollars*	*Dollars*
Basic commodities:					
Cotton:					
American Upland	pound	0.754	0.706	1.58	1.66
Extra long staple	pound	1.228	1.022	2.05	2.21
Wheat	bushel	4.55	4.30	8.54	8.98
Rice	cwt	9.15	9.50	23.90	24.70
Corn	bushel	3.24	2.70	5.78	5.97
Peanuts	pound	0.293	0.265	0.613	0.645
Tobacco:					
Flue-cured, types 11–14	pound	1.790	1.834	3.52	3.65
Va., fire-cured, type 21	pound	1.640	1.790	3.16	3.34
Ky.-Tenn., fire-cured, types 22–23	pound	2.172	2.245	4.08	4.33
Burley, type 31	pound	1.854	1.922	3.60	3.78
Maryland, type 32 [4]	pound	1.573	1.856	3.03	3.17
Dark air-cured, types 35–36	pound	1.762	1.953	3.38	3.59
Sun-cured, type 37	pound	1.555	1.782	2.77	2.99
Pa., seedleaf, type 41	pound	1.450	1.550	2.21	2.34
Cigar binder type 51	pound	3.890	6.280	4.81	5.42
Puerto Rican filler, type 46	pound	.....	.....	2.42	2.51
Cigar filler types 54–55	pound	1.450	1.486	2.77	2.88
Designated nonbasic commodities:					
All milk, sold to plants	cwt	12.78	14.75	27.10	27.90
Fluid market	cwt	12.80	14.79	.....	.....
Manufacturing grade	cwt	11.79	13.43	.....	.....
Honey, all	pound	0.685	0.894	1.17	1.18
Wool and mohair:					
Wool [5]	pound	1.04	0.70	3.87	4.10
Mohair [6]	pound	1.84	1.92	10.00	10.30
Other nonbasic commodities:					
Field crops and miscellaneous:					
Barley	bushel	2.89	2.74	5.17	5.42
Beans, dry edible	cwt	20.80	24.20	45.30	47.40
Cottonseed	ton	106.00	130.00	203.00	216.00
Crude pine gum	barrel	.....	.....	194.00	202.00
Flaxseed	bushel	5.19	6.25	10.60	10.80
Hay, all, baled	ton	82.20	93.00	162.00	170.00
Hops	pound	1.71	1.65	3.52	3.56
Oats	bushel	1.67	1.96	3.21	3.33
Peas, dry edible	cwt	9.51	11.20	.....	.....
Peppermint oil	pounds	13.80	13.60	27.50	29.10
Popcorn, shelled basis	cwt	.....	.....	25.30	26.30
Potatoes	cwt	6.77	4.93	11.60	12.60
Rye	bushel	2.90	3.70	3.83	4.08
Sorghum grain	cwt	5.69	4.20	8.93	9.33
Soybeans	bushel	6.72	6.85	12.40	12.90
Spearmint oil	pound	12.30	12.20	27.10	28.20
Sweetpotatoes	cwt	15.90	14.40	19.00	19.60
Tobacco:					
Cigar wrapper, type 61	pound	.....	.....	37.00	39.40
Fruits:					
Citrus (equiv. on-tree): [7]					
Grapefruit	box	2.43	1.74	9.96	9.75
Lemons	box	5.99	9.37	16.30	17.90
Limes, Florida	box	8.05	5.01	20.40	20.50
Oranges	box	5.01	4.57	12.40	12.00
Tangelos, Florida	box	4.01	2.54	.....	.....
Tangerines	box	11.18	9.28	27.40	28.20
Temples, Florida	box	4.42	3.06	10.30	9.79
Deciduous and other:					
Apples:					
For all sales	pound	0.170	0.162	.....	.....
For fresh consumption [8]	pound	0.240	0.209	0.387	0.416
For processing [9]	ton	159.00	176.00	253.00	262.00
Apricots:					
For all sales	ton	459.00	466.00	.....	.....
For fresh consumption [10]	ton	900.00	1,180.00	2,220.00	2,340.00
Dried, California (dried basis) [9]	ton	321.00	325.00	4,230.00	4,500.00
For processing (except dried) [9]	ton	287.00	316.00	584.00	620.00
Avocados [10]	ton	1,290.00	1,090.00	2,120.00	2,480.00

See footnotes at end of table.

Table 9-32.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1995 and 1996—Continued

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1995 [2]	1996 [2]	1995	1996
		Dollars7	Dollars	Dollars	Dollars
Deciduous and other—Con.					
Berries for processing:					
Blackberries (Oregon)	pound	0.556	0.886	0.866	0.901
Boysenberries (California & Oregon)	pound	0.830	1.01	1.230	1.280
Gooseberries	pound	.....	.....	0.521	0.542
Loganberries (Oregon)	pound	0.845	0.988	0.842	0.876
Raspberries, black (Oregon)	pound	0.608	1.67	1.480	1.540
Raspberries, red (Oregon & Washington)	pound	0.696	0.772	1.180	1.230
Cherries:					
Sweet	ton....	1,260.00	1,470.00	1,890.00	2,030.00
Tart	pound....	0.059	0.157	0.429	0.427
Cranberries [11]	barrel....	53.40	62.50	99.20	103.00
Dates, California [10]	ton....	780.00	710.00	2,010.00	1,990.00
Figs, California	ton....	313.00	295.00	.....	.....
Grapes:					
For all sales	ton....	346.00	423.00	.....	.....
Raisin varieties dried, California (dried basis) [9]	ton....	980.00	970.00	1,820.00	1,960.00
Nectarines (California):					
For all sales	ton....	534.00	473.00	.....	.....
For fresh consumption [19]	ton....	.....	.....	827.00	905.00
For processing [19]	ton....	.....	.....	.....	.....
Olives (California): [12]					
For all sales	ton....	646.00	618.00	.....	.....
Crushed for oil	ton....	11.00	11.00	26.70	28.60
For all sales (except crushed)	ton....	.....	.....	1,150.00	1,200.00
For canning	ton....	779.00	745.00	1,320.00	1,380.00
Peaches:					
For all sales	pound....	0.185	0.189	.....	.....
For fresh consumption [8]	pound....	0.260	0.333	0.574	0.590
Dried, California (dried basis) [9]	ton....	894.00	726.00	1,900.00	1,990.00
For processing California (except dried):					
Clingstone [12]	ton....	213.00	219.00	426.00	446.00
Freestone [9]	ton....	187.00	181.00	377.00	395.00
Pears:					
For all sales	ton....	272.00	375.00	.....	.....
For fresh consumption [8]	ton....	343.00	494.00	692.00	725.00
Dried, California (dried basis) [9]	ton....	919.00	1,290.00	1,860.00	1,930.00
For processing (except dried) [9]	ton....	177.00	223.00	422.00	429.00
Plums (California):					
For all sales [10]	ton....	950.00	420.00	.....	.....
For fresh consumption [19]	ton....	.....	.....	726.00	846.00
For processing [19]	ton....	.....	.....	47.60	47.20
Prunes, dried (California) [9]	ton....	1,040.00	900.00	1,800.00	1,930.00
Prunes and plums (excl. California):					
For fresh consumption [13]	ton....	441.00	576.00	784.00	812.00
For processing (except dried) [9]	ton....	145.00	266.00	267.00	275.00
Strawberries:					
For fresh consumption [14]	pound....	0.605	0.565	1.19	1.25
For processing [9]	pound....	0.263	0.204	0.566	0.597
Sugar crops:					
Maple sirup	gallon....	26.20	26.90	.....	.....
Sugarbeets	ton....	38.10	43.90	82.10	86.50
Sugarcane for sugar	ton....	29.50	28.20	60.80	63.20
Tree nuts: [15]					
Almonds	pound....	2.48	2.06	2.60	3.08
Hazelnuts	ton....	913.00	859.00	1,610.00	1,700.00
Pecans, all	pound....	1.01	0.637	3,600.00	3,860.00
Improved	pound....	1.12	0.686	.....	.....
Seedling	pound....	0.725	0.464	.....	.....
Walnuts	ton....	1,400.00	1,550.00	2,240.00	2,380.00

See footnotes at end of table.

Table 9-32.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1995 and 1996—Continued

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1995 [2]	1996 [2]	1995	1996
		Dollars	*Dollars*	*Dollars*	*Dollars*
Vegetables for fresh market: [14]					
Artichokes, California	cwt....	75.70	73.50	63.60	66.10
Asparagus	cwt....	113.00	92.90	168.00	180.00
Broccoli	cwt....	29.30	28.50	50.00	52.60
Cabbage	cwt....	11.50	10.30	19.30	20.10
Cantaloups	cwt....	18.20	18.10	29.80	30.90
Carrots [16]	cwt....	16.80	12.80	21.20	24.30
Cauliflower [16]	cwt....	33.20	33.00	56.30	59.70
Celery [16]	cwt....	16.30	10.50	25.10	27.50
Cucumbers	cwt....	16.50	19.00	31.90	33.10
Eggplant	cwt....	25.60	26.60	33.70	35.00
Escarole/Endive	cwt....	27.50	23.10	43.30	45.00
Garlic, California	cwt....	30.50	26.80	40.90	42.60
Green peppers [16]	cwt....	31.40	27.90	50.30	52.30
Honeydew melons	cwt....	20.60	17.10	31.70	34.60
Lettuce	cwt....	23.50	14.80	27.20	31.10
Onions [16]	cwt....	9.87	9.58	24.70	26.20
Snap beans	cwt....	36.50	42.10	63.00	65.50
Spinach	cwt....	32.10	29.90	55.20	57.40
Sweet corn	cwt....	18.20	16.60	32.40	34.60
Tomatoes	cwt....	25.80	28.50	61.20	63.60
Watermelons	cwt....	8.83	6.25	11.80	12.30
Vegetables for processing: [9]					
Asparagus	ton....	1,150.00	1,210.00	2,050.00	2,210.00
Beets	ton....	58.80	64.30	109.00	113.00
Cabbage	ton....	43.40	42.50	84.00	87.30
Cucumbers	ton....	222.00	248.00	.....	.....
Green peas	ton....	267.00	284.00	513.00	530.00
Lima beans	ton....	446.00	448.00	936.00	974.00
Snap beans	ton....	174.00	177.00	362.00	373.00
Spinach	ton....	102.00	103.00	203.00	211.00
Sweet corn	ton....	75.60	78.50	139.00	145.00
Tomatoes	ton....	63.20	63.50	134.00	137.00
Livestock and livestock products:					
All beef cattle	cwt....	61.80	58.70	141.00	147.00
Cows	cwt....	35.70	30.50	.....	.....
Steers and heifers	cwt....	65.10	62.50	.....	.....
Calves	cwt....	73.10	58.40	180.00	189.00
Beeswax	pound....	.....	.....	4.07	4.23
Chickens:					
Excluding broilers, live	pound....	0.065	0.066	.....	.....
Broilers, live	pound....	0.344	0.381	.....	.....
All Eggs	dozen....	0.624	0.750	1.30	1.35
Hogs	cwt....	40.50	51.90	97.40	100.00
Lambs	cwt....	78.20	88.20	142.00	148.00
Milk cows [17]	head....	1,130.00	1,090.00	.....	.....
Milk, retail [18]	quart....	0.647	0.785	.....	.....
Sheep	cwt....	28.00	29.90	56.60	59.40
Turkeys, live	pound....	0.410	0.433	0.838	0.851

[1] Marketing year 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. [2] Preliminary. [3] Parity prices are for January of the year shown as published in the January issue of Agricultural Prices. [4] Previous year. [5] Average local market price for wool sold excluding incentive payment. [6] Average local market price for mohair sold excluding incentive payment. Texas only prior to 1988. [7] Crop year begins with bloom in one year and ends with completion of harvest the following year. Prices refer to the year harvest begins. Thus the prices shown for 1994 relate to the citrus crop designated as 1994–95 in the production reports. [8] Equivalent packinghouse-door returns for California, Oregon (pears only), Washington, and New York (apples only), and prices as sold for other States. [9] Equivalent returns at processing plant-door. [10] Equivalent returns at packinghouse-door. [11] Weighted average of co-op and independent sales. Co-op prices represent pool proceeds excluding returns from non-cranberry products and before deductions for capital stock and other retains. [12] Equivalent per unit returns for bulk fruit at first delivery point. [13] Average price as sold. [14] FOB shipping point when available. Weighted average of prices at points of first sale when FOB shipping point price not available. [15] Prices are in-shell basis except almonds which are shelled basis. [16] Includes some processing. [17] Simple average of States weighted by estimated Jan. 1 head for U.S. average. [18] Sold by farmers directly to consumers. [19] Prices for fresh and processing breakdown no longer published to avoid disclosure of individual operations.

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Table 9-33.—Producer prices: Index numbers, by groups of commodities, United States, 1988–97

[1982=100]

Year	Total finished goods	Consumer foods	Finished goods [1]	Total consumer goods	Total intermediate materials	Total crude materials
1988	108.0	112.6	103.1	106.2	107.1	96.0
1989	113.6	118.7	108.9	112.1	112.0	103.1
1990	119.2	124.4	115.3	118.2	114.5	108.9
1991	121.7	124.1	118.7	120.5	114.4	101.2
1992	123.2	123.3	120.8	121.7	114.7	100.4
1993	124.7	125.7	121.7	123.0	116.2	102.4
1994	125.5	126.8	121.6	123.3	118.5	101.8
1995	127.9	129.0	124.0	125.6	124.9	102.7
1996	131.3	133.6	127.6	129.5	125.7	113.8
1997 [2]	131.8	134.5	128.2	130.2	125.6	110.9

[1] Excluding consumer foods. [2] Preliminary.

ERS, Food Marketing Branch, (202) 694–5373. Compiled from reports of the U.S. Department of Labor.

Table 9-34.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1987–96 [1]

[1910–14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & nuts [2]	Commercial vegetables	Other crops
1987	264	257	504	1,247	492	647	698	464
1988	359	364	486	1,295	689	668	695	474
1989	402	390	503	1,461	646	692	690	488
1990	317	376	548	1,474	575	676	684	499
1991	299	360	554	1,547	542	782	665	478
1992	358	352	450	1,526	544	689	745	502
1993	332	354	455	1,521	590	646	774	510
1994	377	381	559	1,532	600	629	727	517
1995	426	400	653	1,559	568	694	805	525
1996 [4]	498	522	626	1,592	698	823	743	532

Year	Potatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Parity ratio [3]
1987	450	426	912	768	245	697	563	49
1988	445	516	927	750	276	713	627	53
1989	662	537	960	833	313	764	659	53
1990	674	507	1,068	841	294	804	660	51
1991	501	496	1,025	752	280	757	632	48
1992	444	498	971	805	272	743	626	47
1993	539	504	1,011	787	295	768	643	47
1994	556	520	910	797	298	727	634	45
1995	541	554	868	783	300	706	647	45
1996 [4]	576	623	882	914	337	761	712	47

[1] 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 compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5–year period. For example, 1994 indexes use quantities sold for the period 1988-92. Then, the 1990–92 indexes are adjusted to a 1910–14 reference. [2] Fresh market for noncitrus, and fresh market and processing for citrus. [3] Ratio of Index of Prices Received to the Index of Prices Paid by Farmers for Commodities and Services, Interest, Taxes, and Farm Wage Rates. [4] Preliminary.

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Table 9-35.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1987–96 [1]

(1990–92=100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & Nuts [2]	Commercial vegetables	Other Crops
1987	83	72	98	83	90	93	105	94
1988	113	102	95	86	126	96	104	96
1989	127	109	98	96	118	99	103	99
1990	100	105	107	97	105	97	102	101
1991	94	101	108	102	99	112	100	97
1992	113	98	88	101	100	99	111	102
1993	105	99	89	101	108	93	116	103
1994	119	106	109	101	110	90	109	105
1995	134	112	127	103	104	99	120	106
1996 [4]	157	146	122	105	128	118	111	108

Year	Potatoes and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and livestock products	All farm products	Ratio [3]
1987	89	86	90	96	87	91	89	102
1988	88	104	91	93	98	93	99	108
1989	131	109	94	104	111	100	104	108
1990	133	103	105	105	105	105	104	105
1991	99	101	101	94	99	99	100	99
1992	88	101	96	100	97	97	98	97
1993	107	102	100	98	105	100	101	97
1994	110	105	90	99	106	95	100	94
1995	107	112	85	98	107	92	102	93
1996 [4]	114	126	87	114	120	99	112	98

[1] 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 compared with 1990–92 weighted average prices. The resulting ratios are seasonally weighted by average quantities sold for the most recent previous 5–year period. For example, 1994 indexes use quantities sold for the period 1988–92. [2] Fresh market for noncitrus, and fresh market and processing for citrus. [3] Ratio of Index of Prices Received (1990–92=100) to Index of Prices Paid by Farmers for Commodities & Services, Interest, Taxes, and Wage Rates (1990–92=100). [4] Preliminary.

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Table 9-36.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1987–96

(1990–92=100)

	Production indexes								
Year	Production (all commodities)	Feed	Livestock & Poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and Repairs	Autos and trucks
1987	87	83	85	93	86	87	76	88	88
1988	90	104	91	94	94	89	77	90	90
1989	95	110	93	104	99	93	83	94	93
1990	99	103	102	102	97	95	100	96	97
1991	100	98	102	99	103	101	104	100	100
1992	101	99	96	99	100	103	96	104	102
1993	103	101	104	101	96	109	93	107	105
1994	106	105	94	108	105	112	95	109	107
1995	109	104	82	110	120	115	94	112	107
1996	115	130	75	115	124	119	105	115	108

	Production indexes							
Year	Farm machinery	Building Materials	Farm services and Rent	Interest	Taxes	Wage rates [1]	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates [2]
1987	85	93	84	96	87	85	87	87
1988	89	94	85	100	89	87	92	91
1989	94	96	91	106	91	95	97	96
1990	96	99	96	107	95	96	99	99
1991	100	100	99	100	101	100	100	100
1992	104	101	104	93	104	105	101	101
1993	107	106	105	87	108	107	102	104
1994	113	110	110	94	106	110	105	106
1995	121	114	117	101	109	114	109	110
1996	125	115	118	105	112	117	114	115

[1] Simple average of seasonally adjusted quarterly indexes. [2] Family Living component included.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-37.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1987–96

[1910–14=100]

Year	Family living (all commodities)[1]	Production indexes							
		Production (all commodities)	Feed	Livestock and poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and repairs
1987	1,072	844	408	1,093	922	314	538	586	626
1988	1,117	874	506	1,167	931	346	549	596	636
1989	1,169	922	539	1,184	1,027	363	573	643	665
1990	1,229	958	501	1,303	1,012	356	590	772	684
1991	1,287	972	480	1,308	983	376	624	802	713
1992	1,327	979	485	1,223	976	366	637	740	736
1993	1,369	1,004	495	1,327	1,002	352	672	717	760
1994	1,403	1,030	511	1,208	1,072	384	693	736	775
1995	1,446	1,057	510	1,051	1,089	441	710	723	797
1996	1,490	1,113	635	964	1,143	454	735	810	816

Year	Production indexes—Continued				Interest	Taxes	Wage rates	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates[2]
	Autos and trucks	Farm machinery	Building materials	Farm services and cash rent					
1987	2,328	2,131	1,261	1,007	2,399	2,326	3,174	1,174	1,139
1988	2,385	2,227	1,280	1,015	2,518	2,375	3,267	1,230	1,191
1989	2,477	2,360	1,306	1,088	2,645	2,442	3,538	1,299	1,255
1990	2,585	2,412	1,339	1,142	2,685	2,543	3,583	1,332	1,293
1991	2,647	2,510	1,358	1,176	2,516	2,707	3,757	1,347	1,316
1992	2,723	2,599	1,377	1,237	2,321	2,789	3,930	1,353	1,329
1993	2,790	2,689	1,436	1,259	2,190	2,886	4,050	1,371	1,361
1994	2,848	2,836	1,486	1,317	2,357	2,828	4,117	1,413	1,397
1995	2,833	3,022	1,552	1,396	2,523	2,914	4,277	1,459	1,437
1996	2,869	3,138	1,569	1,410	2,643	3,001	4,388	1,535	1,504

[1] Based on Consumer Price Index-Urban of Bureau of Labor Statistics. [2] 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.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-38.—Prices paid by farmers: Prices, by commodities, United States, 1992–96 [1] [2]

Commodity and unit	1992	1993	1994	1995 [3]	1996 [3]
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Fuels and energy:					
Fuel, per gallon:					
Diesel fuel	.816	.820	.785	.766	.920
Gasoline, service station, unleaded regular	1.13	1.11	1.08	1.12	1.22
Gasoline, bulk delivery, unleaded regular	(4)	(4)	(4)	1.11	1.26
L. P. gas, bulk delivery	.721	.777	.723	.734	.804
Farm machinery:					
Tractors:					
2-wheel, 30–39 P.T.O. or belt horsepower	13,700.00	14,200.00	14,200.00	14,400.00	15,000.00
2-wheel, 50–59 P.T.O. or belt horsepower	18,800.00	19,200.00	19,600.00	20,100.00	20,600.00
2-wheel, 110–129 P.T.O. or belt horsepower	49,200.00	51,700.00	52,200.00	54,000.00	55,400.00
4-wheel, 200–280 P.T.O. or belt horsepower	(4)	(4)	(4)	98,700.000	100,000.00
Disk harrows, tandem, 16-ft., each	9,410.00	9,510.00	10,250.00	10,400.00	10,900.00
Disk harrows, tandem, 19-ft., each	12,800.00	13,300.00	14,000.00	14,600.00	15,700.00
Grain drills, drawn, 16-tube, plain, each	6,900.00	7,190.00	7,620.00	8,830.00	8,640.00
Mowers, tractor, 7-ft., each	3,320.00	3,450.00	3,600.00	3,990.00	3,940.00
Pick-up balers, automatic tie, P.T.O., each [3]	11,900.00	12,200.00	12,600.00	13,300.00	13,800.00
Combines, self-propelled:.					
Medium capacity, each	88,000.00	92,400.00	98,900.00	108,000.00	117,000.00
Large capacity, each	110,000.00	116,000.00	124,300.00	130,000.00	137,000.00
Corn picker-huskers, 2-row, each	12,100.00	12,000.00	12,500.00	(5)	(5)
Planters, 4-row with fertilizer attachments	11,800.00	11,900.00	12,00.00	12,400.00	13,700.00
Power sprayers, boom type, tractor. mtd., each	2,970.00	3,230.00	3,440.00	3,820.00	3,880.00
Farm wagons, without box and tires, each	1,330.00	1,340.00	1,440.00	1,610.00	1,620.00
Fertilizer:					
Mixed fertilizer:					
0–20–20, per ton	172.00	168.00	171.00	184.00	194.00
5–10–10, per ton	144.00	141.00	139.00	150.00	155.00
5–10–15, per ton	147.00	148.00	154.00	159.00	171.00
5–20–20, per ton	169.00	158.00	163.00	179.00	196.00
6–24–24, per ton	198.00	188.00	196.00	219.00	232.00
10–10–10, per ton	161.00	156.00	158.00	172.00	176.00
16–20–0, ammonium phosphate, per ton	219.00	213.00	220.00	242.00	259.00
18–46–0, diammonium phosphate, per ton	220.00	199.00	217.00	263.00	294.00
Nitrate of soda, per ton	234.00	239.00	241.00	248.00	256.00
Sulphate of ammonia, per ton	152.00	157.00	167.00	182.00	184.00
Ammonium nitrate, per ton	180.00	184.00	194.00	223.00	233.00
Superphosphate, 44–46% P_2O_5, per ton	204.00	191.00	207.00	234.00	258.00
Muriate of potash, 60% K_2O, per ton	148.00	145.00	145.00	155.00	153.00
Agricultural limestone, spread on field, per ton	17.60	17.80	17.70	17.90	17.50

See footnotes at end of table.

Table 9-38.—Prices paid by farmers: Prices, by commodities, United States, 1992–96 [1] [2] —Continued

Commodity and unit	1992	1993	1994	1995 [3]	1996 [3]
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Livestock: [3]					
Feeders and stockers:					
Cattle and calves, per 100 pounds	82.30	89.00	80.40	67.70	59.40
Pigs (40–60 lbs. av.), per 100 pounds	66.80	86.60	66.90	64.00	77.10
Broiler chicks, per 100	18.30	18.60	19.30	18.60	18.60
Egg-type chicks, per 100	54.70	53.80	49.70	49.80	50.20
Turkey poults, each	1.02	1.05	1.06	1.06	1.10
Feed:					
Cottonseed meal, 41% protein, per 100 pounds	14.00	14.90	15.30	14.20	16.80
Soybean meal, 44% protein, per 100 pounds	13.00	13.70	13.90	12.40	15.60
Bran, per 100 pounds	10.80	11.00	11.20	11.20	13.00
Cornmeal, per 100 pounds	7.49	7.22	7.96	7.86	10.60
Laying feed, per ton [6]	200.00	202.00	210.00	195.00	258.00
Broiler grower, per ton [6]	208.00	209.00	214.00	195.00	265.00
Chick starter, per ton [6]	228.00	226.00	231.00	212.00	280.00
Dairy feed:					
14 percent protein, per ton [6]	168.00	168.00	170.00	162.00	216.00
16 percent protein, per ton [6]	178.00	180.00	184.00	174.00	225.00
18 percent protein, per ton [6]	189.00	187.00	193.00	183.00	238.00
20 percent protein, per ton [6]	190.00	189.00	196.00	186.00	239.00
32 percent protein, concentrate, per ton	282.00	294.00	301.00	276.00	333.00
Stock salt, per 50 pounds	3.61	3.56	3.72	3.76	3.82
Seeds:					
Barley, per bushel	4.96	5.03	5.14	5.37	6.49
Corn, hybrid, 80,000 kernels	71.40	72.50	73.20	77.10	77.70
Oats, per bushel	4.12	4.71	4.73	4.51	5.19
Potatoes, per 100 pounds	7.64	8.19	9.80	7.90	10.30
Soybeans, per bushel	12.50	12.40	13.30	13.40	14.80
Wheat, per bushel	5.73	6.00	7.02	7.80	8.50
Grain sorghum, hybrid, per 100 pounds	72.00	74.00	80.20	78.70	84.00
Alfalfa, uncertified, per 100 pounds	153.00	151.00	159.00	168.00	185.00
Alfalfa, certified, per 100 pounds	256.00	265.00	267.00	274.00	277.00
Red clover, per 100 pounds	125.00	142.00	148.00	134.00	172.00
Lespedeza, Korean, per 100 pounds	86.20	122.00	96.40	66.00	99.00
Sudangrass, per 100 pounds	47.30	45.70	47.20	51.80	51.90
Timothy, per 100 pounds	66.30	77.00	77.20	71.00	76.00

[1] Prices paid by farmers are collected, for the most part, from retail establishments located in small cities and towns in rural areas. [2] Prior to 1995, recorded prices reflect a modified annual average based on frequency item was surveyed during the year. Feed and fuel items were surveyed in January, April, July, and October. Farm machinery was surveyed in April and October, however, individual items may have been surveyed in April or October only. Fertilizer was surveyed in April and October. Livestock are annual averages. Seeds were surveyed only in April. [3] U.S. average prices for April for all items except for livestock which are annual averages. [4] New surveyed item. [5] Survey item discontinued. [6] Specifications call for ''complete feed.''

NASS, Economic Statistics Branch, (202) 720–3570.

Table 9-39.—Agricultural commodities: Support prices per unit, United States, 1988–97 [1 2]

Commodity and unit		1988	1989	1990	1991	1992
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Basic commodities:						
Corn:						
Target price	Bushel	2.93	2.84	2.75	2.75	2.75
Loan rate	do	1.77	1.65	1.57	1.62	1.72
Cotton:						
American upland: [3]						
Target price	Pound	0.7590	0.7340	0.7290	0.7290	0.7290
Loan rate	do	0.5180	0.5000	0.5027	0.5077	0.5235
Extra-long staple:						
Target price	do	0.9570	0.9670	0.9810	0.9960	1.0580
Loan rate	do	0.8092	0.8177	0.8177	0.8299	0.8815
Peanuts: [4]	do	0.3076	0.3079	0.3157	0.3214	0.3375
Rice:						
Target price	Cwt.	11.15	10.80	10.71	10.71	10.71
Loan rate	do	6.63	6.50	6.50	6.50	6.50
Wheat:						
Target price	Bushel	4.23	4.10	4.00	4.00	4.00
Loan rate	do	2.21	2.05	1.95	2.04	2.21
Tobacco:						
Flue-cured, types 11-14	Pound	1.442	1.468	1.488	1.528	1.560
Fire-cured, type 21	do	1.171	1.191	1.262	1.332	1.367
Fire-cured, types 22-23	do	1.213	1.226	1.297	1.367	1.421
Burley, type 31	do	1.500	1.532	1.558	1.584	1.649
Dark air-cured, types 35-36	do	1.032	1.044	1.107	1.169	1.217
Virginia sun-cured, type 37	do	1.034	1.052	1.115	1.177	1.208
Cigar filler, Puerto Rican, type 46	do	0.731	0.740	0.778	0.813	(5)
Ohio filler and Wisconsin binder,. types 42-44 and 53-55	do	0.895	0.909	0.962	1.014	1.054
Barley: [6]						
Target price	Bushel	2.51	2.43	2.36	2.36	2.36
Loan rate	do	1.44	1.34	1.28	1.32	1.40
Sorghum grain: [6]						
Target price	Cwt.	4.96	4.82	4.66	4.66	4.66
Loan rate	do	3.00	2.80	2.66	2.75	2.91
Oats: [6]						
Target price	Bushel	1.55	1.50	1.45	1.45	1.45
Loan rate	do	0.90	0.85	0.81	0.83	0.88
Rye: [6]	do	1.50	1.40	1.33	1.38	1.46
Nonbasic commodities:						
Beans, dry edible	Cwt.	(5)	(5)	(5)	(5)	(5)
Cottonseed	Ton	(5)	(5)	(5)	(5)	(5)
Minor oilseeds [7]	Pound	(5)	(5)	(5)	0.089	0.089
Soybeans	Bushel	4.77	4.53	4.50	5.02	5.02
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	10.80	10.60	10.10	10.10	10.10
Honey, extracted	Pound	0.591	0.564	0.538	0.538	0.538
Mohair	do	4.690	4.588	4.532	4.448	4.613
Wool	Pound	1.78	1.77	1.82	1.88	1.97

See footnotes at end of table.

Table 9-39.—Agricultural commodities: Support prices per unit, United States, 1988–97 [1 2]—Continued

Commodity and unit		1993	1994	1995	1996	1997
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Basic commodities:						
Corn:						
Target price	Bushel	2.75	2.75	2.75	(9)	(9)
Loan rate	do	1.72	1.89	1.89	1.89	1.89
Cotton:						
American upland: [3]						
Target price	Pound	0.7290	0.7290	0.7290	(9)	(9)
Loan rate	do	0.5235	0.5000	0.5192	0.5192	0.5192
Extra-long staple:						
Target price	do	1.0570	1.0200	0.9560	(9)	(9)
Loan rate	do	0.8812	0.8503	0.7965	0.7965	0.7965
Peanuts: [4]	do	0.3375	0.3392	0.3392	0.3050	0.3050
Rice:						
Target price	Cwt.	10.71	10.71	10.71	(9)	(9)
Loan rate	do	6.50	6.50	6.50	6.50	6.50
Wheat:						
Target price	Bushel	4.00	4.00	4.00	(9)	(9)
Loan rate	do	2.45	2.58	2.58	2.58	2.58
Tobacco:						
Flue-cured, types 11-14	Pound	1.577	1.583	1.597	1.601	1.621
Fire-cured, type 21	do	1.395	1.407	1.430	1.455	1.498
Fire-cured, types 22-23	do	1.464	1.483	1.518	1.557	1.623
Burley, type 31	do	1.683	1.714	1.725	1.737	1.760
Dark air-cured, types 35-36.	do	1.255	1.273	1.304	1.339	1.398
Virginia sun-cured, type 37.	do	1.233	1.245	1.265	1.288	1.326
Cigar filler, Puerto Rican, type 46.	do	0.834	0.844	0.861	(5)	(5)
Ohio filler and Wisconsin binder,.						
types 42-44 and 53-55	do	1.074	1.084	1.101	1.120	1.169
Barley: [6]						
Target price	Bushel	2.36	2.36	2.36	(8)	(8)
Loan rate	do	1.40	1.54	1.54	1.55	1.57
Sorghum grain: [6]						
Target price	Cwt.	4.66	4.66	4.66	(8)	(8)
Loan rate	do	2.91	3.21	3.21	3.23	3.14
Oats: [6]						
Target price	Bushel	1.45	1.45	1.45	(8)	(8)
Loan rate	do	0.88	0.97	0.97	1.03	1.11
Rye: [6]	do	1.46	1.61	1.61	(10)	(10)
Nonbasic commodities:						
Beans, dry edible	Cwt.	(5)	(5)	(5)	(5)	(5)
Cottonseed	Ton	(5)	(5)	(5)	(5)	(5)
Minor oilseeds [7]	Pound	0.089	0.087	0.087	0.0891	0.0930
Soybeans	Bushel	5.02	4.92	4.92	4.99	5.26
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800	0.1800
Milk for manufacturing	Cwt.	10.10	10.10	10.10	(10) 10.35	(13) 10.20
Honey, extracted	Pound	0.538	0.500	0.500	(11)	(11)
Mohair	do	4.738	4.739	4.657	(12)	(12)
Wool	Pound	2.04	2.09	2.12	(12)	(12)

[1] National averages during the marketing years for the individual crops, beginning in the years shown. [2] The target price is known in the statute as the ''established price''. [3] 1 1/16 strict low middling, micronaire 3.5 through 4.9. [4] For quota portion of crop. [5] No support program. [6] Grade No. 2 or better except for oats which is Grade No. 3. [7] Includes flaxseed, sunflower seed (oil and other), safflower, rapeseed (industrial), canola and mustard seed. [8] The Federal Agriculture Improvement and Reform Act of 1996 replaced the deficiency payment/production adjustment programs for the program crops with a Production Flexibility Contract program, making target prices no longer applicable beginning with the 1996/97 marketing year. [9] The rye price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. [10] As of January 1, 1996. [11] The honey price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. [12] The wool and mohair support programs terminated as of December 31, 1995, as required by Public Law 103-130. [13] As of January 1, 1997.

FSA, Economic Policy and Analysis Staff, (202) 720–3451

Table 9-40.—Farm income: Cash receipts by commodities groups and selected commodities, United States, 1987–96 [1]

Commodity	1987	1988	1989	1990	1991
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
All commodities	141,796,554	151,243,067	160,809,780	169,517,441	167,863,702
Livestock and products	75,996,441	79,639,741	83,917,584	89,219,948	85,786,358
Cattle and calves	33,583,276	36,958,190	36,429,167	39,301,814	38,696,618
Hogs	10,336,628	9,221,199	9,769,822	11,525,452	11,036,132
Sheep and lambs	558,065	521,673	487,164	414,412	399,354
Dairy products	17,726,646	17,631,666	19,357,305	20,152,604	18,006,612
Broilers	6,177,126	7,435,105	8,777,668	8,365,470	8,383,046
Farm chickens	111,827	95,350	138,441	90,314	67,256
Chicken eggs	3,208,393	3,066,845	3,861,538	4,009,506	3,901,282
Turkeys	1,703,142	1,951,399	2,235,145	2,393,375	2,352,987
Ducks	10,764	8,904	8,586	7,952	7,920
Other poultry	304,231	310,832	355,906	422,401	441,055
Misc. other livestock	2,276,343	2,438,578	2,496,842	2,536,648	2,494,096

Commodity	1992	1993	1994	1995	1996
All commodities	171,380,658	177,650,246	181,238,887	187,703,843	202,338,990
Livestock and products	85,636,979	90,170,477	88,159,928	87,003,756	92,914,212
Cattle and calves	37,272,292	39,361,709	36,394,811	33,983,198	31,138,046
Hogs	10,016,503	10,910,817	9,882,643	10,264,264	12,643,736
Sheep and lambs	459,504	550,966	507,158	558,851	600,716
Dairy products	19,736,250	19,242,553	19,935,161	19,893,610	22,833,925
Broilers	9,176,537	10,415,826	11,371,723	11,762,222	13,906,019
Farm chickens	82,842	96,435	77,517	61,315	61,429
Chicken eggs	3,384,490	3,779,430	3,780,349	3,879,609	4,756,571
Turkeys	2,396,728	2,509,672	2,643,765	2,882,151	3,056,314
Ducks	8,736	8,493	8,874	9,512	10,614
Other poultry	474,220	515,765	562,781	533,965	535,344
Misc. other livestock	2,628,877	2,778,811	2,995,146	3,213,776	3,371,498

Commodity	1987	1988	1989	1990	1991
Crops	65,800,113	71,603,326	76,892,196	80,297,493	82,077,344
Food grains	5,790,126	7,469,449	8,246,637	7,479,840	7,325,424
Feed crops	14,634,697	14,280,830	17,049,052	18,669,328	19,327,296
Cotton	4,189,135	4,525,060	5,025,638	5,488,395	5,236,401
Tobacco	1,815,568	2,068,552	2,410,192	2,733,496	2,881,115
Oil crops	11,282,517	13,500,503	11,866,212	12,258,130	12,697,874
Vegetables	9,890,880	9,792,069	11,561,722	11,463,655	11,624,743
Fruits/nuts	8,055,991	9,032,090	9,151,178	9,415,969	9,922,858
All other crops	10,141,199	10,934,773	11,581,565	12,788,680	13,061,633

Commodity	1992	1993	1994	1995	1996
Crops	85,743,679	87,479,769	93,078,620	100,700,087	109,424,778
Food grains	8,467,473	8,179,932	9,545,012	10,416,611	11,549,958
Feed crops	20,098,600	20,211,046	20,351,200	24,282,381	28,113,655
Cotton	5,192,067	5,249,680	6,737,709	6,851,079	7,460,813
Tobacco	2,958,005	2,947,785	2,656,352	2,548,399	2,795,990
Oil crops	13,285,937	13,219,881	14,656,680	15,466,338	17,755,891
Vegetables	11,851,388	13,434,608	13,902,047	14,890,935	14,348,758
Fruits/nuts	10,178,673	10,284,137	10,334,702	11,073,919	11,713,819
All other crops	13,711,536	13,952,700	14,895,257	15,170,425	15,685,894

[1] USDA estimates and publishes individual cash receipt values only for major commodities and major producing States. The U.S. receipts for indvidual commodities, computed as the sum of the reported States, may understatethe value of sales for some commodities, with the balance included in the appropriate category labeled ''other'' or ''miscellaneous.'' The degree of underestimation in some of the minor commodities can be substantial. [2] Sale of all types of citrus fruit sold before the traditional marketing year, which begins in October.

ERS, Farm Structure and Performance Branch, (202) 694–5592. E-mail contact is rogers@econ.ag.gov.

Table 9-41.—Farm income: Indicators by selected commodities, United States, 1987–96

Commodity	1987	1988	1989	1990	1991
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Gross farm income	168,419.9	177,913.3	191,933.7	198,095.5	191,918.1
Gross cash income	164,955.1	173,581.1	180,292.4	186,967.7	184,349.8
Farm marketings	141,796.6	151,243.1	160,809.8	169,517.4	167,863.7
Government payments	16,746.7	14,479.8	10,886.7	9,298.0	8,214.4
Farm-related income	6,411.8	7,858.2	8,596.0	8,152.2	8,271.7
Noncash income	5,783.9	8,427.1	7,853.6	7,869.2	7,775.4
Value of home consumption	743.1	732.0	671.8	688.3	619.8
Rental value of dwellings [1]	5,040.8	7,695.2	7,181.8	7,181.2	7,155.6
Value of inventory adjustment	(2,319.1)	(4,095.0)	3,787.7	3,258.3	(207.1)
Total production expenses	130,992.9	139,907.7	146,660.2	153,289.8	153,272.5
Net farm income	37,427.1	38,005.5	45,273.5	44,805.7	38,645.6

Commodity	1992	1993	1994	1995	1996
Gross farm income	200,473.2	203,642.8	215,728.4	210,900.7	233,497.6
Gross cash income	188,722.7	200,081.2	198,324.1	205,037.5	220,590.1
Farm marketings	171,380.7	177,650.2	181,238.9	187,703.8	202,339.0
Government payments	9,168.9	13,402.0	7,879.1	7,253.4	7,285.5
Farm-related income	8,173.1	9,028.9	9,206.1	10,080.2	10,965.6
Noncash income	7,595.0	8,073.4	9,156.8	9,763.9	10,195.5
Value of home consumption	589.5	519.2	481.0	469.4	424.5
Rental value of dwellings [1]	7,005.5	7,554.2	8,675.8	9,294.5	9,771.0
Value of inventory adjustment	4,155.5	(4,511.9)	8,247.5	(3,900.6)	2,712.0
Total production expenses	152,936.3	160,547.9	167,456.9	174,161.4	181,303.2
Net farm income	47,536.9	43,094.9	48,271.4	36,739.3	52,194.4

[1] Net farm income accounting is for production of goods and services in the farm sector, defined as including farm operators' dwellings.

ERS, Farm Structure and Performance Branch, (202) 694–5592. E-mail contact is rogers@econ.ag.gov.

Table 9-42.—Farm marketings: Farm marketings, government payments, and principal commodities, by States, 1996

State	Farm marketings			Government payments	Rank
	Total	Crops	Livestock and products		
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	
AL	3,173,595	810,637	2,363,958	75,550	26-Broilers,cattle/calves, cotton, chicken eggs(76%).
AK	29,418	23,310	6,108	1,258	50-Greenhouse, dairy, potatoes, hay(80%).
AZ	2,146,417	1,307,590	838,827	57,993	32-Cattle/Caves, dairy, cotton, lettuce(65%).
AR	5,886,786	2,530,163	3,356,623	361,818	11-Broilers, soybeans, rice, cotton(71%).
CA	23,309,526	17,096,190	6,213,336	295,480	1-Dairy, greenhouse, grapes, cotton(40%).
CO	4,229,447	1,407,312	2,759,135	176,101	17-Cattle/calves, wheat, corn, dairy(72%).
CT	489,113	252,413	236,700	1,791	42-Greenhouse, dairy, aquaculture, chicken eggs(66%).
DE	757,036	183,580	573,456	4,888	39-Broilers, soybeans, corn, greenhouse(83%).
FL	6,130,658	4,942,465	1,188,193	222,872	9-Oranges, greenhouse, sugar, dairy(54%).
GA	5,687,046	2,407,786	3,279,260	114,524	12-Broilers, cotton, peanuts, chicken eggs(65%).
HI	482,589	416,594	65,995	580	44-Sugar, pineapples, greenhouse, macadamia nuts(65%).
ID	3,409,945	2,080,687	1,329,258	116,009	25-Potatoes, dairy, cattle/calves, wheat(71%).
IL	9,049,998	6,988,895	2,061,103	386.767	5-Corn, soybeans, hogs, cattle/calves(88%).
IN	5,448,099	3,663,444	1,894,655	213,703	14-Corn, soybeans, dairy, hogs(79%).
IA	12,852,687	7,395,907	5,456,780	501,694	3-Corn, hogs, soybeans, cattle/calves(91%).
KS	7,869,209	3,298,882	4,570,327	555,139	7-Cattle/calves, wheat, corn, sorghum grain(84%).
KY	3,550,232	1,831,347	1,718,885	74,542	22-Tobbacco, Horses/mules, cattle/calves, corn(64%).
LA	2,342,068	1,654,858	687,210	176,471	31-Cotton, sugar, soybeans, rice(55%).
ME	485,111	223,574	261,537	4,638	43-Potatoes, dairy, chicken eggs, aquaculture(70%).
MD	1,533,770	633,267	900,503	17,647	36-Broilers, greenhouse, dairy, corn(68%).
MA	477,698	368,631	109,067	1,548	45-Greenhouse, cranberries, dairy, apples(69%).
MI	3,642,927	2,194,946	1,447,981	109,585	20-Dairy, corn, greenhouse, soybeans (57%).
MN	8,808,931	4,640,598	4,168,423	348,804	6-Corn, soybeans, dairy, hogs(66%).
MS	3,462,784	1,528,505	1,934,279	184,925	-Broilers, cotton, soybeans,aquaculture(73%).
MO	4,950,421	2,500,276	2,450,145	289,279	16-soybeans, corn, hogs, cattle/calves(59%).
MT	2,027,226	1,230,299	796,927	240,874	33-Wheat, cattle/calves, barley, hay(87%).
NE	9,454,041	4,176,780	5,277,261	388,819	4-Cattle/calves, corn, hogs, soybeans(87%).
NV	286,002	132,566	153,436	2,605	47-Cattle/calves, hay, dairy, potatoes(81%).
NH	160,907	88,605	72,302	1,093	48-Dairy, greenhouse, apples, cattle/calves(65%).
NJ	800,958	605,395	195,563	3,258	38-Greenhouse,dairy, peaches, blueberries(46%).
NM	1,709,056	511,567	1,197,489	59,000	34-Cattle/calves, dairy, hay, chili peppers(80%).
NY	3,043,034	998,487	2,044,547	43,289	27-Dairy, greenhouse, apples, corn(72%).
NC	7,831,309	3,403,986	4,427,323	75,702	8-Hogs, broilers, tabacco, greenhouse(63%).
ND	3,532,393	2,995,616	536,777	351,520	23-Wheat, cattle/calves, barley, sunflower(69%).
OH	5,121,783	3,176,785	1,944,998	163,120	15-soybeans, corn, dairy, greenhouse(63%).
OK	3,565,551	1,126,250	2,439,301	236,707	21-Cattle/calves, wheat, broilers, hogs(70%).
OR	2,976,542	2,320,012	656,530	74,262	28-Greenhouse, Wheat, cattle/calves, dairy(41%).
PA	4,142,509	1,277,932	2,864,577	37,111	18—Dairy, cattle/calves, greenhouse, chicken eggs(63%).
RI	82,867	71,573	11,294	156	49-Greenhouse, dairy, chicken eggs, sweet corn (72%).
SC	1,602,056	864,846	737,210	42,868	35-Broilers, tobbacco, greenhouse, cotton(53%).
SD	3,683,512	2,050,747	1,632,765	229,606	19-Cattle/calves, corn, soybeans, wheat(72%).
TN	2,371,873	1,374,213	997,660	79,917	30-Cattle/calves, cotton, soybeans, dairy(49%).
TX	13,053,234	5,295,205	7,758,029	764,778	2-Cattle/calves, cotton, dairy, greenhouse(68%).
UT	873,143	227,004	646,139	21,006	37-Cattle/calves, dairy, hay, wheat(66%).
VT	534,666	97,609	437,057	4,035	41-Dairy, cattle/calves, greenhouse, maple products(88%).
VA	2,378,146	900,163	1,477,983	30,423	29-Broilers, dairy, cattle/calves, turkeys(49%).
WA	5,660,980	4,016,590	1,664,390	156,039	13-Apples, dairy, wheat, cattles/calves(58%).
WV	388,170	79,979	308,191	4,538	46-Broilers, cattles/calves, dairy, turkeys(70%).
WI	6,061,542	1,773,464	4,288,078	156,849	1-Dairy, corn, cattle/calves, soybeans(78%).
WY	661,979	184,338	477,641	24,381	40-Cattle/calves, hay, suger beets, wheat(77%).
US	202,338,990	109,424,778	92,914,212	7,285,541	Cattle/calves, dairy prod, corn, soybeans(45%).

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Table 9-43.—Expenses: Farm production expenses, United States, 1987–96 [1]

Item	1987	1988	1989	1990	1991
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Total production expenses	130,992.8	139,906.7	146,662.3	153,289.8	153,272.5
Feed purchased	17,463.2	20,246.2	20,743.6	20,387.8	19,332.8
Livestock and poultry purchased	11,832.1	13,035.8	12,935.1	14,641.5	14,129.1
Seed purchased	3,258.9	4,059.5	4,397.2	4,518.9	5,113.4
Fertilizer and lime	6,452.5	7,677.8	8,173.9	8,206.3	8,666.1
Pesticides	4,512.2	4,147.7	5,011.5	5,363.2	6,320.5
Fuel and oil	4,956.6	4,800.0	4,771.5	5,789.7	5,607.5
Other [1]	27,180.7	29,576.8	31,616.5	32,789.8	34,160.6
Interest	14,971.9	14,293.9	13,934.9	13,437.2	12,119.1
Contract and hired labor expenses	9,975.5	10,906.7	12,028.8	14,113.4	13,900.0
Net rent to nonoperator landlord [2]	8,202.9	8,383.9	9,427.4	10,051.7	9,924.4
Capital consumption	17,218.5	17,606.2	18,117.5	18,128.5	18,184.2
Property taxes	4,967.9	5,172.9	5,504.5	5,861.9	5,814.7

Item	1992	1993	1994	1995	1996
Total production expenses	152,936.3	160,547.9	167,456.9	174,161.4	181,303.2
Feed purchased	20,133.0	21,431.2	22,631.2	23,829.3	25,234.5
Livestock and poultry purchased	13,574.2	14,597.3	13,270.1	12,335.3	11,148.1
Seed purchased	4,913.4	5,165.0	5,375.7	5,463.3	6,112.1
Fertilizer and lime	8,330.7	8,397.5	9,179.7	10,033.0	10,934.2
Pesticides	6,470.6	6,723.3	7,225.0	7,726.5	8,525.1
Fuel and oil	5,298.4	5,349.8	5,312.0	5,447.7	5,736.3
Other [1]	33,464.8	37,492.0	40,521.4	42,668.7	42,996.3
Interest	11,137.5	10,821.5	11,735.2	12,726.4	13,218.3
Contract and hired labor expenses	13,999.7	15,006.3	15,308.6	16,315.8	17,347.9
Net rent to nonoperator landlord [2]	11,187.5	11,009.1	11,719.9	11,984.0	14,293.1
Capital consumption	18,309.5	18,377.8	18,688.2	18,914.3	18,929.5
Property taxes	6,117.0	6,177.0	6,489.9	6,717.2	6,827.8

[1] Includes electricity, repair and maintenance, machine hire and customwork, marketing, storage and transportation,and miscellaneous expenses. [2] Includes landlord capital consumption.

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Table 9-44.—Average Income to Farm Operator Households, United States, 1993–96 [1]

Item	1993	1994	1995	1996 [2]
	Dollars per farm			
Net cash farm business income [3]	11,248	11,389	11,218	13,502
Less depreciation [4]	6,219	6,466	6,795	6,906
Less wages paid to operator [5]	454	425	522	531
Less farmland rental income [6]	534	701	769	672
Less adjusted farm business income due to other household(s) [7]	872	815	649	1,094
	Dollars per farm operator household			
Equals adjusted farm business income	3,168	2,981	2,484	4,300
Plus wages paid to operator	454	425	522	531
Plus net income from farmland rental [8]	n.a.	n.a.	1,053	1,178
Equals farm self-employment income	3,623	3,407	4,059	6,009
Plus other farm-related earnings [9]	1,192	970	661	1,898
Equals earnings of the operator household from farming activities	4,815	4,376	4,720	7,906
Plus earnings of the operator household from off-farm sources [10]	35,408	38,092	39,671	42,455
Equals average farm operator household income comparable to U.S. average household income, as measured by the CPS	40,223	42,469	44,392	50,361
	Dollars per U.S. household			
U.S. average household income [11]	41,428	43,133	44,938	47,123
	Percent			
Average farm operator household income as percent of U.S. average household income	97.1	98.5	98.8	106.9
Average operator household earnings from farming activities as percent of average operator household income	12.0	10.3	10.6	15.7

[1] Farm operator household income is defined to be consistent with definitions used in the Current Population Survey (CPS). The CPS, conducted by the Census Bureau, is the source of official U.S. household income statistics. The CPS defines income to include any income received as cash. In-kind receipts are excluded. The CPS definition departs from a strictly cash concept by including depreciation in the list of operating expenses that farm operators and other self-employed people subtract from gross receipts when they report net money income. [2] Prelimary data. [3] A component of farm sector income. Excludes income of contractors and landlords as well as the income of farms organized as nonfamily corporations or cooperatives and farms run by a hired manager. Includes the income of farms organized as proprietorships, partnerships, and family corporations, which are all closely held by households. [4] Consistent with the CPS definition of self-employment income, reported depreciation expenses are subtracted from net cash farm income. The Agricultural Resource Management Study collects farm business depreciation used for tax purposes. [5] Wages paid to the operator are subtracted here because they are not shared among other households that have claims on farm business income. These wages are added to the operator household's adjusted farm business income to obtain farm self-employment income. [6] Gross rental income is subtracted here because net rental income from the farm operation is added below to income received by the household. [7] More than one household per farm may have a claim on the income of a farm business. The national average is 1.1 households per farm sharing the income of a farm business. [8] Includes net rental income from the farm business. Also includes net rental income from farmland held by household members that is not part of the farm business. In 1993 and 1994, net rental income was collected as a part of off-farm income. [9] Includes wages paid to other operator household members by the farm business and earnings (net income) from a farm business other than the one being surveyed. [10] Income from wages, salaries, nonfarm businesses, interest, dividends, transfer payments, net rental income from nonfarm properties, etc. In 1993 and 1994, also includes net rental income from farmland. [11] From the Current Population Survey.

ERS, Farm Structure and Performance Branch, (202) 694-5572. Sources: U.S. Dept. of Agriculture, Economic Research Service, 1993, 1994, and 1995 Farm Costs and Returns Survey, and 1996 Agricultural Resource Management Study (ARMS) for farm operator household data. U.S. Dept. of Commerce, Bureau of the Census, Current Population Survey (CPS), for U.S. average household income.

Table 9-45.—Grazing fees: Rates for cattle by selected States and regions, 1995–97

State	Monthly lease rates for private non-irrigated grazing land [1]								
	Animal unit [2]			Cow-calf			Per head		
	1995	1996	1997	1995	1996	1997	1995	1996	1997
	Dollars per head	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*	*Dollars per head*
AZ	5.75	6.50	6.50	7.50	8.00	8.50	7.50	7.00	7.90
CA	10.50	10.10	10.60	12.80	12.20	13.00	11.10	11.90	12.00
CO	10.30	11.40	11.30	12.00	13.20	13.60	10.50	10.70	10.60
ID	10.10	10.20	10.40	12.20	12.20	12.50	10.40	10.40	11.20
KS	10.50	12.00	10.50	12.00	14.00	12.80	10.50	11.00	9.80
MT	11.90	11.80	12.30	13.70	13.20	13.90	12.80	11.70	13.20
NE	17.60	18.00	18.80	21.00	21.40	22.20	16.80	18.00	18.50
NV	8.80	8.80	9.00	12.00	11.50	12.00	8.80	9.30	9.50
NM	8.74	8.87	8.79	10.40	11.30	10.30	9.94	9.37	9.00
ND	10.30	10.60	9.30	11.50	12.50	11.00	10.20	10.30	10.00
OK	7.00	7.00	8.00	8.06	8.50	8.70	8.00	8.00	7.50
OR	10.20	10.00	10.20	11.50	10.80	11.50	10.10	9.45	9.85
SD	13.90	13.20	14.00	16.30	15.00	16.40	14.00	14.80	14.40
TX	9.10	8.00	9.00	10.80	9.20	10.00	8.00	8.50	8.00
UT	9.50	9.75	9.00	10.00	11.00	11.10	11.80	11.00	11.00
WA	8.50	8.70	9.00	9.70	9.00	9.60	9.90	10.30	9.30
WY	11.30	11.00	12.00	13.00	13.00	14.00	11.50	11.10	12.20
17-State [3]	10.60	10.50	11.00	12.40	12.20	12.70	10.50	10.80	10.80
16-State [4]	11.20	11.40	11.70	13.10	13.40	13.70	11.50	11.80	11.80
11-State [5]	10.30	10.40	10.70	12.10	12.10	12.60	11.00	10.70	11.30
9-State [6]	10.60	10.50	11.00	12.50	12.30	12.80	10.30	10.80	10.60

[1] The average rates are estimates (rates over $10.00 are rounded to the nearest dime) based on survey indications of monthly lease rates for private, non-irrigated grazing land from the 1995, 1996, and 1998 January Agricultural Survey. [2] Includes animal unit plus cow-calf rates. Cow-calf rate converted to animal unit (AUM) using (1 aum=cow-calf *0.833). [3] Seventeen Western States: All States listed. [4] Sixteen Western States: All States, except Texas. [5] Eleven Western States: AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY. [6] Nine Great Plains States: CO, KS, NE, NM, ND, OK, SD, TX, WY.

NASS, Livestock and Economics Branch, (202) 720–6146.

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 10-1.—Taxes levied on farm real estate: Amount, amount per acre, index numbers of amount per acre, United States, 1986–95 [1]

Year	Farm real estate		
	Amount	Taxes per acre	
		Amount	Index
	Million dollars	*Dollars*	*1977=100*
1986	3,925.7	4.47	134
1987	4,198.0	4.82	144
1988	4,278.4	4.92	147
1989	4,395.5	5.06	151
1990	4,558.8	5.27	158
1991	4,743.3	5.61	169
1992	4,869.2	5.78	174
1993	5,023.3	5.98	180
1994	4,908.6	5.86	175
1995	NA	NA	NA

[1] Excludes Alaska. NA-not available.

ERS, Resource Economics Division, (202) 694–5527.

Table 10-2.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, and amount per $100 of full value, by States, 1993 and 1994 [1]

State	Amount levied on farm real estate		Taxes per acre, amount		Taxes per $100 of full value	
	1993	1994	1993	1994	1993	1994
	Million dollars	*Million dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	11.4	NA	1.32	NA	0.14	NA
AZ	50.4	NA	6.02	NA	1.92	NA
AR	38.5	NA	2.86	NA	.36	NA
CA	334.4	NA	14.21	NA	.83	NA
CO	89.5	NA	3.13	NA	.73	NA
CT	9.9	NA	28.69	NA	.61	NA
DE	1.2	NA	2.17	NA	.08	NA
FL	130.8	NA	13.68	NA	.62	NA
GA	53.5	NA	5.40	NA	.55	NA
HI	41.6	NA	24.59	NA	.75	NA
ID	39.7	NA	3.58	NA	.46	NA
IL	465.7	NA	16.55	NA	1.01	NA
IN	142.8	NA	8.97	NA	.61	NA
IA	350.6	NA	11.21	NA	.85	NA
KS	111.5	NA	2.41	NA	.45	NA
KY	44.0	NA	3.22	NA	.28	NA
LA	17.8	NA	2.48	NA	.26	NA
ME	13.9	NA	11.31	NA	1.05	NA
MD	24.7	NA	11.59	NA	.40	NA
MA	14.9	NA	27.68	NA	.69	NA
MI	176.1	NA	17.63	NA	1.45	NA
MN	206.2	NA	7.86	NA	.87	NA
MS	22.5	NA	2.31	NA	.28	NA
MO	79.7	NA	2.78	NA	.37	NA
MT	71.4	NA	1.48	NA	.49	NA
NE	426.0	NA	9.74	NA	1.53	NA
NV	4.1	NA	.78	NA	.34	NA
NH	9.6	NA	24.99	NA	1.05	NA
NJ	36.6	NA	43.67	NA	.90	NA
NM	12.2	NA	.40	NA	.17	NA
NY	156.3	NA	20.33	NA	1.63	NA
NC	60.3	NA	7.26	NA	.54	NA
ND	92.1	NA	2.47	NA	.60	NA
OH	175.4	NA	11.99	NA	.87	NA
OK	65.1	NA	2.09	NA	.39	NA
OR	70.7	NA	4.47	NA	.60	NA
PA	133.7	NA	18.49	NA	.97	NA
RI	2.9	NA	56.75	NA	1.06	NA
SC	20.2	NA	4.42	NA	.48	NA
SD	139.9	NA	3.78	NA	.98	NA
TN	52.7	NA	4.65	NA	.44	NA
TX	391.4	NA	3.14	NA	.64	NA
UT	12.6	NA	1.83	NA	.36	NA
VT	21.9	NA	16.56	NA	1.31	NA
VA	63.5	NA	7.80	NA	.58	NA
WA	77.0	NA	6.07	NA	.68	NA
WV	5.0	NA	1.49	NA	.21	NA
WI	307.6	NA	19.46	NA	2.00	NA
WY	18.6	NA	.79	NA	.47	NA
US	4,908.6	NA	5.86	NA	0.75	NA

[1] Totals may not add due to rounding. Excludes Alaska. NA-not available.

ERS, Resources Economics Division, (202) 694–5527.

Table 10-3.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948–96

Crop	Year	Drought heat (excess)	Hail	Precip. (excess poor drainage)	Frost freeze, (other cold damage)	Flood	Cyclone, tornado, wind, hot wind	Insects	Disease	All others
		Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
All other citrus	1996	0	0	0	0	0	0	0	0	0
Almonds	1981-96	1	3	64	28	0	4	0	0	1
Apples	1963-96	8	25	0	56	0	3	0	0	8
Avocado trees	1996	0	0	0	0	0	100	0	0	0
Barley	1956-96	56	13	17	4	1	1	6	2	2
Blueberries	1995-96	17	0	2	64	0	14	0	0	4
Canning beans	1988-96	39	6	28	15	0	4	1	6	1
Canning peaches	1986-87	4	0	92	0	0	0	0	0	4
Canola	1995-96	1	2	95	0	0	0	0	1	0
Carambola trees	1996	0	0	0	0	0	0	0	0	0
Cherries	1963-66	0	8	0	89	0	3	0	0	0
Citrus	1951-96	2	1	1	94	0	2	0	0	0
Citrus trees	1983-96	0	0	0	100	0	0	0	0	0
Combined crop	1948-87	0	0	0	0	0	0	0	0	100
Corn	1948-96	46	7	28	11	3	2	1	1	1
Cotton	1948-96	41	16	19	13	2	5	4	0	0
Cotton ex long staple	1984-96	7	23	8	37	1	4	14	4	1
Cranberries	1984-96	8	14	9	45	1	4	2	0	17
Dry beans	1948-96	23	22	26	18	1	2	0	5	2
Figs	1988-96	14	0	42	20	0	6	0	0	18
Flax	1948-96	44	8	27	6	1	6	2	2	4
Forage production	1979-96	26	1	18	52	1	0	1	0	2
Forage seeding	1978-96	22	1	13	58	0	3	2	0	1
Fresh market sweet corn	1985-96	1	2	15	74	0	7	0	0	0
Fresh market tomatoes	1984-96	2	4	13	64	0	16	0	0	1
Fresh plum	1990-96	1	32	42	24	0	0	0	0	1
Grain sorghum	1959-96	56	5	16	13	2	4	3	0	1
Grapefruit trees	1996	0	0	0	0	0	0	0	0	0
Grapes	1967-96	16	6	20	45	1	4	0	0	8
Hybrid corn seed	1983-96	68	2	22	3	1	1	1	1	1
Hybrid sorghum seed	1988-96	4	28	3	58	0	5	0	0	2
Income protection corn	1996	5	0	89	6	0	0	0	0	0
Income protection cotton	1996	96	0	4	0	0	0	0	0	0
Income protection wheat	1996	10	0	90	0	0	0	0	0	0
Lime trees	1996	0	0	0	0	0	0	0	0	0
Macadamia nuts	1988-96	100	0	0	0	0	0	0	0	0
Macadamia trees	1988-96	0	0	0	0	0	0	0	0	0
Mango trees	1996	0	0	0	0	0	0	0	0	0
Millet	1996	19	45	32	2	0	1	1	0	0
Nursery	1986-96	2	3	24	19	15	24	0	12	1
Oats	1956-96	60	10	20	5	0	2	1	1	0
Onions	1988-96	16	26	25	6	3	9	1	5	10
Oranges trees	1996	0	0	0	100	0	0	0	0	0
Oranges	1958-80	0	0	0	100	0	0	0	0	0
Pea,dry and green	1962-96	41	8	28	13	0	5	0	4	1
Peaches	1957-96	3	12	1	83	0	1	0	0	1
Peanuts	1962-96	71	0	17	3	0	1	0	8	1
Pears	1989-96	0	16	4	65	0	0	0	0	15
Peppers	1984-96	0	18	22	53	0	7	0	0	0
Popcorn	1984-96	33	19	19	17	4	4	1	1	1
Potatoes	1962-96	25	5	31	22	3	2	0	11	1
Prevented planting	1982-86	0	0	97	0	3	0	0	0	0
Prevented planting endorse	1986-94	25	0	14	0	57	0	0	0	4
Prunes	1986-96	12	2	60	18	0	3	0	0	4
Raisins	1961-96	0	0	100	0	0	0	0	0	0
Revenue coverage corn	1996	5	35	47	4	7	1	0	0	0
Revenue coverage soybeans	1996	7	22	52	5	12	0	0	2	0
Rice	1958-96	10	0	43	11	8	7	0	11	9
Rye	1980-96	54	12	13	16	1	2	1	0	1
Safflower	1964-96	72	2	2	10	0	11	1	2	1
Soybeans	1955-96	52	6	31	4	4	1	0	1	1
Special citrus	1992-94	6	12	0	82	0	0	0	0	0
Stonefruit	1988-96	3	12	59	19	0	2	0	0	4
Sugar beets	1965-96	21	7	35	13	3	9	3	8	2
Sugarcane	1967-96	6	0	10	58	0	6	7	7	8
Sunflowers	1976-96	26	10	35	18	0	2	5	2	1
Sweet corn	1978-96	43	2	27	20	0	4	0	2	1
Table grapes	1984-96	36	9	35	8	0	5	0	1	7
Tobacco	1948-96	32	10	32	1	1	11	0	11	1
Tomatoes	1963-96	38	2	45	6	1	2	1	5	1
Tung nuts	1965-70	0	0	0	100	0	0	0	0	0
Walnuts	1984-96	21	3	42	26	0	7	0	0	1
Wheat	1948-96	45	14	15	15	1	3	2	5	1
All crops	1948-96	43	10	24	13	2	3	1	3	1

GRP crops do not have any specific cause of loss.
RMA, Program Automation Branch, (816) 926–7910.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1994–96 [1]

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units [2]	Area insured [3]	Maximum insured production		Number	Area indemnified [3]	Amount
	Number	*Number*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*
All other citrus trees:								
1996	4	215	0	10,419	256	0	0	0
Almonds:								
1994	16	2,286	130	154,502	10,637	73	4	1,269
1995	16	4,087	280	307,676	18,814	2,373	146	58,973
1996	16	3,849	254	287,894	19,335	895	49	13,323
Apples:								
1994	230	1,855	52	64,569	8,129	589	17	6,960
1995	230	4,570	226	212,843	12,750	839	23	12,948
1996	242	4,344	224	222,110	12,600	795	26	9,784
Avocado trees:								
1996	1	181	0	3,081	79	1	0	(4)
Barley:								
1994	918	46,999	2,643	141,361	13,953	6,656	535	10,216
1995	986	89,223	5,693	233,769	21,862	19,244	1,328	24,690
1996	1,120	68,752	4,825	244,294	24,037	11,273	753	13,371
Barley(GRP):								
1994	54	3	1	27	1	0	0	0
1995	54	0	0	0	0	0	0	0
Beans, canning:								
1994	111	362	20	3,812	347	25	1	162
1995	111	1,217	99	15,289	1,114	143	10	648
1996	120	799	60	8,751	668	71	4	362
Bean, dry:								
1994	265	20,647	986	153,458	18,542	4,952	343	22,480
1995	278	30,761	1,620	226,234	26,941	4,662	309	23,305
1996	278	24,610	1,327	200,387	23,738	3,061	206	12,570
Blueberries:								
1995	13	257	10	4,534	390	9	(4)	13
1996	13	347	14	6,834	626	120	3	480
Canola:								
1995	11	4,885	268	13,505	1,849	2,690	152	5,052
1996	11	5,182	284	15,268	2,531	3,154	184	4,277
Carambola trees:								
1996	1	18	0	263	7	0	0	0
Citrus:								
1994	44	1,609	37	36,997	3,306	11	(4)	45
1995	28	4,814	281	182,014	11,624	83	4	824
1996	28	10,105	588	317,034	25,509	310	10	1,737
Citrus trees:								
1994	3	2,276	25	44,599	2,795	1	(4)	3
1995	3	2,202	25	52,139	3,268	0	0	0
1996	3	2,082	27	54,451	3,297	0	0	0
Corn:								
1994	2,314	545,668	29,429	4,584,348	268,545	26,944	1,620	51,893
1995	2,488	984,279	59,443	6,752,567	371,867	147,616	10,232	348,942
1996	2,500	729,235	47,244	6,623,781	407,224	84,756	5,670	215,748
Corn(GRP):								
1994	672	6,567	999	202,320	5,050	31	3	35
1995	672	5,159	864	261,552	5,962	346	92	1,316
1996	674	4,604	850	298,065	7,666	579	158	5,253
Corn, income protection:								
1996	14	1,039	119	35,245	1,250	57	4	101
Corn, crop revenue coverage:								
1996	191	133,548	7,791	1,858,409	110,653	11,349	809	42,659
Cotton:								
1994	565	96,585	5,780	900,770	129,293	25,456	2,620	82,590
1995	595	192,237	15,816	2,566,194	285,488	56,257	6,189	310,839
1996	627	157,979	12,522	2,142,481	265,969	44,353	5,218	293,631
Cotton ELS:								
1994	30	296	21	9,687	902	60	4	498
1995	30	1,059	174	53,124	2,795	108	12	1,722
1996	30	791	169	63,263	3,234	61	5	1,170
Cotton(GRP):								
1994	92	117	28	6,399	503	26	19	256
1995	92	6	1	266	19	1	1	104
Cotton, income protection:								
1996	8	81	25	8,779	1,244	2	1	298
Cranberries:								
1994	22	207	8	38,638	1,744	39	2	3,377
1995	24	514	18	72,907	3,124	68	2	1,858
1996	25	574	23	80,688	3,352	49	1	1,737
Figs:								
1994	4	74	5	4,665	445	0	0	0
1995	4	80	9	7,236	561	5	2	248
1996	4	90	8	6,941	548	4	(4)	61
Flax:								
1994	95	1,306	51	1,735	229	251	12	197
1995	95	3,979	175	4,091	599	1,582	88	1,350
1996	95	1,679	68	1,774	305	657	23	331

See footnotes at end of table. GRP is the Group Risk Plan of Insurance.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1994–96 [1]—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units [2]	Area insured [3]	Maximum insured production		Number	Area indemnified [3]	Amount
	Number	*Number*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*
Forage Production:								
1994	177	3,103	210	22,750	2,321	658	47	2,149
1995	178	32,652	2,562	212,804	12,533	809	72	3,577
1996	190	19,665	1,626	150,152	9,108	1,814	140	6,864
Forage Production (GRP):								
1994	17	271	20	3,784	150	78	6	140
1995	68	999	89	15,934	565	60	5	91
1996	68	5,997	532	89,289	2,080	83	8	128
Forage Seeding:								
1994	151	1,683	41	3,403	301	213	6	296
1995	151	4,963	153	8,320	811	738	22	949
1996	152	2,483	69	4,505	461	251	8	346
Fresh Market Sweet Corn:								
1994	12	351	20	9,177	704	3	(4)	9
1995	12	453	33	13,464	966	45	3	599
1996	12	453	33	14,500	970	45	3	423
Fresh Market Tomatoes:								
1994	42	187	10	26,170	3,322	38	1	780
1995	42	348	41	61,403	5,515	53	3	3,930
1996	47	443	45	68,578	5,922	142	6	8,909
Fresh Plum:								
1994	7	144	3	3,619	298	15	(4)	124
1995	7	832	26	22,960	1,473	506	14	7,000
1996	7	848	25	22,557	1,580	92	2	908
Grain sorghum:								
1994	1,129	77,540	3,110	222,652	22,419	9,809	923	14,178
1995	1,350	180,950	7,413	378,309	36,193	38,395	3,395	50,742
1996	1,350	197,654	9,814	609,023	71,531	28,363	3,853	66,436
Grain sorghum(GRP):								
1994	81	20	1	109	3	0	0	0
1995	81	1	(4)	18	1	0	0	0
1996	81	18	4	536	38	0	0	0
Grapefruit trees:								
1996	4	245	(4)	9,808	229	0	0	0
Grapes:								
1994	80	1,865	67	89,225	6,684	305	12	8,254
1995	80	6,609	331	225,329	12,232	369	15	3,238
1996	80	7,388	375	269,208	14,540	606	23	9,361
Hybrid corn seed:								
1994	436	7,355	330	110,492	10,512	365	26	1,357
1995	436	6,949	375	92,006	8,389	2,271	147	10,377
1996	436	9,314	521	159,414	15,403	614	44	2,820
Hybrid sorghum seed:								
1994	16	41	1	432	70	0	0	0
1995	16	810	37	5,908	788	90	6	282
1996	16	735	39	8,423	1,291	25	3	561
Lime trees:								
1996	1	40	0	2,083	57	0	0	0
Macadamia nuts:								
1994	3	7	1	2,017	21	0	0	0
1995	3	54	12	8,904	90	0	0	0
1996	3	58	15	11,876	117	3	(4)	31
Macadamia trees:								
1994	4	19	2	17,340	245	0	0	0
1995	4	38	12	73,796	870	0	0	0
1996	4	114	13	52,564	576	0	0	0
Mango trees:								
1996	1	34	0	581	15	0	0	0
Millet:								
1996	5	1,962	130	4,719	564	338	28	385
Nursery:								
1994	(6) (7)	452	0	106,153	3,274	25	0	4,515
1995	(6) (7)	649	0	238,887	6,916	94	0	15,213
1996	(6) (7)	1,074	0	468,811	9,165	56	0	8,111
Oats:								
1994	1,362	29,240	766	27,761	3,461	3,938	137	2,440
1995	1,433	45,836	1,613	38,894	5,343	12,049	509	7,303
1996	1,571	32,569	1,195	33,276	4,892	6,456	284	3,865
Onions:								
1994	58	441	16	5,309	330	22	(4)	90
1995	60	1,292	58	20,689	1,499	66	2	614
1996	60	785	41	17,830	1,377	87	6	1,790
Orange trees:								
1996	4	449	0	77,444	1,420	1	0	1

See footnotes at end of table.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1994–96 [1]—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units [2]	Area insured [3]	Maximum insured production		Number	Area indemnified [3]	Amount
	Number	*Number*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*
Peas, dry green:								
1994	147	3,770	180	30,102	2,824	623	40	1,711
1995	147	8,782	527	45,059	3,242	809	48	2,078
1996	155	5,960	338	31,864	2,538	1,142	101	2,548
Peaches:								
1994	208	1,228	38	15,843	2,546	466	13	3,558
1995	208	1,662	51	17,847	2,424	156	5	826
1996	208	1,530	52	22,411	3,126	997	38	14,860
Peanuts:								
1994	266	30,197	1,081	578,070	42,010	5,878	235	35,370
1995	273	37,723	1,443	630,268	47,378	9,398	359	60,763
1996	273	33,811	1,240	543,383	41,768	6,038	232	33,933
Peanuts(GRP):								
1994	43	16	5	4,271	120	0	0	0
1995	43	6	2	2,678	58	4	1	8
1996	43	3	1	728	20	0	0	0
Pears:								
1994	21	52	1	1,455	108	5	(4)	12
1995	21	793	26	25,249	962	25	1	144
1996	21	780	29	23,266	914	130	3	400
Peppers:								
1994	12	45	3	7,611	882	6	1	1,114
1995	12	73	9	14,674	1,439	17	1	2,283
1996	13	84	9	17,313	1,830	36	3	5,364
Popcorn:								
1994	309	2,043	93	16,408	1,236	212	13	532
1995	310	2,712	125	17,855	1,179	468	28	1,396
1996	312	2,135	120	21,461	1,505	187	17	1,282
Potatoes:								
1994	286	3,842	302	197,304	15,246	1,083	82	28,710
1995	299	8,181	936	496,797	28,153	1,223	91	28,749
1996	307	6,490	789	467,643	29,028	859	67	29,722
Prevented plant endorsement:								
1994	(8)	38	2	55	4	6	1	29
Prunes:								
1994	14	705	34	37,565	3,336	187	9	2,995
1995	14	1,090	59	127,641	6,118	189	12	4,382
1996	14	1,048	56	65,003	6,167	49	2	1,094
Raisins: [5]								
1994	7	3,099	240	141,645	13,669	672	89	30,497
1995	7	2,649	176	89,596	8,797	0	0	0
1996	7	52	3	757	54	0	0	0
Rice:								
1994	133	6,270	647	109,757	5,486	812	116	4,026
1995	136	41,637	3,036	334,786	11,933	1,209	170	5,373
1996	138	21,808	1,929	288,749	10,067	360	52	1,628
Rye:								
1994	38	71	2	67	8	14	(4)	6
1995	38	820	46	797	75	30	2	15
1996	41	648	32	929	86	50	3	47
Safflower:								
1994	63	380	29	1,260	239	70	9	313
1995	63	1,198	126	8,488	552	51	6	104
1996	71	775	105	8,050	507	77	12	354
Soybeans:								
1994	1,801	406,399	19,214	2,278,222	127,780	24,525	1,848	44,572
1995	1,907	892,045	50,606	4,167,473	221,964	85,615	6,253	155,471
1996	1,917	658,325	40,155	4,346,676	253,060	48,631	3,283	97,633
Soybeans(GRP):								
1994	741	4,521	673	99,768	2,360	0	0	0
1995	741	3,220	503	119,657	2,050	114	29	489
1996	742	2,922	495	129,441	2,007	271	69	1,567
Soybeans, crop revenue coverage:								
1996	176	78,726	3,534	656,631	31,057	4,753	288	10,150
Special Citrus:								
1994	11	687	14	15,671	872	5	(4)	11
Stonefruit:								
1994	16	266	6	9,467	742	31	1	879
1995	16	1,953	64	59,304	3,632	494	13	6,109
1996	16	2,049	66	56,969	3,560	209	5	3,248
Sugarbeets:								
1994	139	12,180	724	304,615	13,231	3,099	187	10,667
1995	146	21,874	1,336	513,454	20,323	2,199	161	19,367
1996	154	17,048	1,091	485,773	19,678	2,283	146	11,324
Sugarcane:								
1994	23	598	34	14,180	1,136	40	2	200
1995	24	5,797	489	104,327	4,937	63	4	354
1996	28	5,462	473	95,901	4,228	447	26	5,170

See footnotes at end of table.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1994–96 [1]—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units [2]	Area insured [3]	Maximum insured production		Number	Area indemnified [3]	Amount
	Number	*Number*	*1,000 acres*	*1,000 dollars*	*1,000 dollars*		*1,000 acres*	*1,000 dollars*
Sunflowers:								
1994	202	23,475	1,612	99,829	10,305	3,235	317	8,028
1995	205	48,535	3,330	163,044	17,951	16,420	1,260	30,409
1996	209	36,519	2,169	120,090	14,856	12,214	608	16,605
Sweet Corn:								
1994	164	3,391	162	29,964	1,635	297	14	1,556
1995	167	4,711	324	51,992	2,442	548	31	3,281
1996	169	3,724	235	38,339	1,870	213	12	935
Table Grapes:								
1994	11	81	4	7,717	459	8	([4])	392
1995	11	399	53	61,735	2,760	26	1	769
1996	11	400	61	80,108	3,414	9	1	262
Tobacco:								
1994	448	51,337	309	670,466	22,323	2,771	19	19,914
1995	448	190,191	649	1,137,376	33,040	18,827	135	94,081
1996	449	112,094	547	1,157,013	40,256	14,006	104	90,058
Tomatoes:								
1994	86	1,348	76	69,852	3,744	83	7	1,342
1995	86	3,055	272	166,969	7,490	140	9	1,825
1996	87	2,543	207	154,185	6,688	107	9	1,957
Walnuts:								
1994	26	117	6	6,742	372	31	2	542
1995	26	1,067	60	31,088	1,116	64	3	660
1996	26	955	55	30,348	1,145	71	4	674
Wheat:								
1994	2,223	409,767	29,229	1,858,378	158,215	65,308	8,033	186,776
1995	2,242	792,556	58,116	2,925,019	248,856	142,367	16,422	249,915
1996	2,407	773,601	59,703	3,337,206	292,137	212,879	24,003	427,462
Wheat(GRP):								
1994	172	215	31	2,695	99	0	0	0
1995	172	65	7	689	30	45	6	71
1996	172	58	22	2,136	108	4	([4])	1
Wheat, income protection:								
1996	8	456	170	18,497	1,851	110	29	653
Total, all commodities:								
1994	16,620	1,815,714	99,565	13,607,259	949,523	190,050	17,376	598,064
1995	17,413	3,685,558	220,131	23,697,425	1,542,111	572,072	47,832	1,565,671
1996	18,271	3,202,438	204,580	26,766,260	1,828,989	506,655	46,650	1,486,764

[1] Data for 1996 are preliminary. [2] 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. [3] The insured's share of the planted area on the farm. [4] Less than 500. [5] Thousands of tons insured for raisins (not included in total of all commodities). [6] The nursery is available in all states and counties except Alaska and Hawaii. The county count does not include Nursery. [7] Nursery is a container based crop therefore acreage is not shown in this report. [8] Prevented planting endorsement is available on the following crops: Barley, corn, cotton, ELS cotton, grain sorghum, oats, rice, wheat, hybrid corn seed, hybrid sorghum seed, canola, flax, sunflowers, soybeans, and rye.

RMA, Program Automation Branch, (816) 926–7910.

Table 10-5.—Farm real estate debt: Amount outstanding by farming regions, December 31, 1987–96 [1]

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*
1987	4,003,223	9,380,812	20,041,161	9,612,181	6,353,289	6,334,724
1988	3,966,309	8,732,609	18,980,187	9,084,305	6,261,632	6,050,562
1989	4,109,130	8,232,809	18,367,338	8,738,177	6,144,922	5,899,984
1990	3,947,387	7,968,263	17,776,575	8,594,807	6,043,812	5,789,721
1991	3,956,044	7,879,171	18,112,021	8,598,713	6,255,157	5,717,068
1992	4,112,518	7,955,498	18,571,881	8,735,914	6,160,201	5,750,907
1993	4,225,679	8,054,166	18,925,500	9,012,984	6,098,602	5,774,239
1994	4,279,584	8,326,818	19,647,100	9,209,160	6,225,866	5,986,644
1995	4,209,999	8,590,997	20,173,969	9,475,739	6,318,832	5,963,890
1996 [2]	4,289,965	8,895,426	20,983,067	9,729,665	6,384,508	5,971,401

Year	Delta States	Southern Plains	Mountain	Pacific	United States [3]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	4,552,288	7,873,394	7,873,954	11,424,246	87,717,604
1988	4,177,621	7,216,878	7,323,254	10,898,661	82,952,522
1989	4,023,261	6,797,640	6,934,530	10,990,327	80,482,191
1990	3,860,375	6,693,679	6,797,448	11,178,683	78,903,126
1991	3,921,360	6,652,667	6,718,050	11,174,029	79,192,661
1992	3,904,423	6,508,897	6,623,770	11,220,642	79,738,417
1993	4,081,189	6,477,892	6,620,553	11,280,603	80,738,585
1994	4,236,316	6,610,909	6,755,581	11,509,349	82,971,225
1995	4,407,071	6,867,236	6,858,828	11,576,106	84,560,910
1996 [2]	4,560,133	7,229,370	7,094,060	11,825,292	87,079,331

[1] Includes operator households. Data for 1987–1992 include Commodity Credit Corporation storage and drying facility loans. 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. [2] Preliminary. [3] Includes Alaska and Hawaii.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 10-6.—Farm real estate debt: Amount outstanding, by States, Dec. 31, 1991–96 [1]

State	1991	1992	1993	1994	1995	1996 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	769,392	757,229	790,458	785,728	831,755	874,065
AK	16,499	12,033	10,559	10,602	6,497	7,600
AZ	565,367	517,338	505,778	484,131	497,143	485,262
AR	1,784,698	1,857,039	1,955,910	2,014,731	2,115,849	2,191,990
CA	7,885,446	7,956,196	8,164,542	8,365,809	8,468,263	8,715,543
CO	1,592,223	1,564,681	1,636,485	1,666,050	1,778,813	1,846,940
CT	96,315	92,973	93,340	93,438	90,235	87,606
DE	158,380	185,355	188,427	165,377	175,749	163,590
FL	2,664,516	2,691,001	2,848,972	3,020,693	2,883,644	2,778,618
GA	1,720,804	1,768,393	1,688,047	1,736,074	1,838,174	1,912,774
HI	191,882	181,732	176,619	172,286	111,746	108,842
ID	1,333,237	1,351,778	1,256,868	1,304,616	1,306,143	1,343,139
IL	4,440,140	4,567,373	4,642,762	4,777,781	4,879,052	5,077,411
IN	3,097,314	3,155,535	3,178,924	3,255,929	3,258,648	3,304,562
IA	5,666,443	5,799,870	6,028,444	6,289,674	6,457,093	6,770,265
KS	2,569,702	2,597,227	2,670,381	2,729,809	2,811,613	2,829,953
KY	1,847,951	1,838,897	1,866,161	1,894,160	1,961,232	2,024,358
LA	792,199	763,554	796,260	833,911	834,507	830,698
ME	112,039	122,194	125,268	123,711	127,167	133,439
MD [3]	618,410	650,409	685,205	717,790	668,729	660,431
MA	127,367	131,994	145,695	140,235	121,423	131,287
MI	1,531,473	1,572,064	1,533,587	1,566,740	1,588,819	1,632,982
MN	3,703,544	3,743,630	3,872,774	4,041,245	4,165,555	4,300,876
MS	1,344,463	1,283,830	1,329,019	1,387,674	1,456,715	1,537,445
MO	2,864,056	2,952,477	3,008,220	3,117,040	3,348,236	3,496,846
MT	1,629,967	1,633,322	1,614,962	1,696,771	1,634,515	1,684,173
NE	2,818,049	2,995,202	3,151,149	3,226,317	3,318,523	3,492,466
NV	174,132	170,867	165,674	169,956	164,591	160,815
NH	35,897	35,630	44,197	44,007	42,083	40,568
NJ	253,142	269,728	271,272	276,784	263,071	393,841
NM	593,573	580,163	615,021	625,252	665,223	715,921
NY	917,542	947,818	955,109	961,631	932,532	914,046
NC	1,657,794	1,507,954	1,434,941	1,472,890	1,533,938	1,540,902
ND	1,713,495	1,662,906	1,650,951	1,680,954	1,695,087	1,714,776
OH	2,044,068	2,096,627	2,067,150	2,206,686	2,230,940	2,333,984
OK	1,794,365	1,736,528	1,726,905	1,797,616	1,896,887	2,034,115
OR	1,764,206	1,697,824	1,425,735	1,475,449	1,469,599	1,435,637
PA	1,429,698	1,483,012	1,501,717	1,536,467	1,560,590	1,560,615
RI	15,012	16,096	20,089	20,305	34,199	17,177
SC	562,356	534,284	446,762	445,149	410,317	405,945
SD	1,497,467	1,480,579	1,540,503	1,572,080	1,650,516	1,692,470
TN	1,146,147	1,166,371	1,170,194	1,235,055	1,270,511	1,315,101
TX	4,858,302	4,772,369	4,750,987	4,813,293	4,970,349	5,195,255
UT	378,187	375,339	364,479	365,051	374,450	390,591
VT	192,242	177,309	195,360	199,839	194,221	187,364
VA	1,295,143	1,325,343	1,298,876	1,313,599	1,255,721	1,213,155
WA	1,524,377	1,566,622	1,690,326	1,668,091	1,638,244	1,674,112
WV	308,122	321,636	328,430	310,162	297,430	290,993
WI	2,644,154	2,639,804	2,647,805	2,718,833	2,836,623	2,961,568
WY	451,364	430,282	461,286	443,754	437,950	467,220
US	79,192,661	79,738,417	80,738,585	82,971,225	84,560,910	87,079,331

[1] Includes operator households. Includes Commodity Credit Corporation storage and drying facility loans. [2] Preliminary. [3] Includes District of Columbia.

ERS, Farm Business Economics Branch, (202) 219–0796.

Table 10-7.—Farm real estate debt: Amount outstanding by lender, by States, Dec. 31, 1995 and 1996 [1]

State	Federal credit system [2]		Farm Service Agency [3]		Life insurance companies [4]		All operating banks		Individuals and others [5]	
	1995	1996	1995	1996	1995	1996	1995	1996	1995	1996
	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*
AL	255,802	289,809	56,453	49,060	27,545	26,607	358,822	371,989	133,133	136,600
AK	573	522	300	680	0	0	480	1,120	5,144	5,278
AZ	91,302	112,418	39,283	35,315	152,644	135,931	60,455	44,143	153,459	157,456
AR	640,702	672,269	159,956	147,183	277,696	304,845	812,000	836,326	225,495	231,368
CA	2,688,830	2,785,404	189,288	176,154	2,930,678	3,016,804	1,142,086	1,180,285	1,517,381	1,556,896
CO	828,665	868,574	73,454	68,322	151,978	150,282	302,266	326,311	422,450	433,451
CT	57,535	53,331	8,932	8,061	0	0	4,904	6,860	18,864	19,355
DE	91,650	91,557	6,311	5,765	15,839	0	36,223	39,873	25,726	26,396
FL	537,799	520,055	81,536	73,495	1,228,303	1,218,928	658,562	578,867	377,444	387,273
GA	565,433	539,718	87,885	76,750	124,612	164,300	870,527	937,348	189,717	194,657
HI	53,582	52,716	28,476	27,494	13,257	12,676	5,389	4,627	11,042	11,329
ID	529,559	535,172	145,259	131,256	206,672	245,826	48,759	45,202	375,894	385,683
IL	1,534,637	1,554,332	205,323	194,156	306,814	330,907	1,830,815	1,970,474	1,001,463	1,027,542
IN	892,616	910,508	148,097	138,315	293,001	317,015	1,026,999	1,017,406	897,935	921,319
IA	1,389,140	1,543,858	303,345	284,655	402,643	431,417	2,086,155	2,175,259	2,275,810	2,335,076
KS	1,082,773	1,097,203	183,384	174,441	136,970	139,725	926,460	924,005	482,026	494,579
KY	473,340	529,973	185,813	172,576	52,797	52,962	916,242	927,134	333,040	341,713
LA	274,691	297,557	65,178	55,742	134,188	115,127	249,100	248,023	111,350	114,249
ME	22,124	19,638	42,019	38,689	34,735	46,345	8,942	8,917	19,347	19,850
MD	374,867	366,589	23,519	21,704	20,627	21,378	107,571	104,913	142,145	145,847
MA	63,921	61,037	8,028	21,879	24,636	22,522	4,540	5,022	20,298	20,827
MI	680,036	705,831	120,069	111,866	60,581	55,237	276,790	296,951	451,343	463,097
MN	1,272,882	1,289,836	199,534	190,844	231,141	268,570	1,231,078	1,288,651	1,230,920	1,262,975
MS	277,755	302,649	152,422	138,254	271,297	269,746	573,251	640,067	181,990	186,730
MO	835,375	860,043	229,847	215,319	173,000	172,510	1,407,108	1,527,763	702,906	721,211
MT	417,040	407,186	129,515	121,125	185,899	214,073	269,622	292,880	632,439	648,908
NE	861,003	948,623	243,633	229,757	303,157	330,576	1,188,905	1,242,888	721,825	740,622
NV	68,773	70,176	13,811	11,772	19,356	13,057	1,962	3,540	60,689	62,270
NH	22,128	21,538	4,993	4,547	0	0	4,744	3,999	10,218	10,484
NJ	123,139	261,222	24,990	24,046	260	258	30,856	22,306	83,826	86,009
NM	265,601	297,798	44,451	41,166	67,084	72,324	127,077	139,430	161,010	165,203
NY	362,930	328,599	126,749	121,373	3,884	7,739	159,759	169,854	279,210	286,481
NC	527,890	501,000	123,168	110,455	77,812	94,202	610,786	635,903	194,282	199,341
ND	704,070	688,563	221,445	211,700	28,818	33,825	395,967	426,923	344,787	353,765
OH	785,030	838,057	109,066	100,822	97,340	103,894	750,389	789,359	489,115	501,852
OK	562,656	635,072	219,106	210,292	143,038	170,248	566,463	602,315	405,624	416,187
OR	390,778	385,613	79,933	72,460	244,652	234,150	114,401	86,917	639,835	656,497
PA	520,326	494,953	92,619	88,380	6,079	743	666,636	694,449	274,930	282,090
RI	13,581	12,248	17,638	2,844	0	0	1,065	120	1,915	1,965
SC	221,480	204,802	56,693	51,307	3,607	6,361	61,295	74,482	67,242	68,993
SD	485,476	492,929	280,104	255,358	76,389	84,565	395,062	435,365	413,485	424,253
TN	441,278	468,012	128,952	116,833	28,794	29,096	484,372	509,172	187,115	191,988
TX	1,976,049	2,062,648	278,294	265,547	421,107	479,447	1,111,872	1,173,778	1,183,027	1,213,835
UT	105,529	105,607	45,787	42,733	11,776	10,679	49,650	65,653	161,708	165,919
VT	74,266	70,515	39,319	37,054	19	18	43,882	42,086	36,735	37,691
VA	702,493	676,114	55,425	50,261	43,279	37,765	277,863	267,753	176,661	181,261
WA	445,869	482,228	98,988	89,439	381,663	352,869	273,294	299,728	438,430	449,848
WV	73,665	67,177	35,175	33,909	76,369	70,051	83,552	90,442	28,669	29,415
WI	766,594	778,749	158,291	145,067	65,032	77,640	1,090,690	1,184,408	756,016	775,704
WY	96,608	102,224	31,515	29,046	65,212	78,528	99,728	108,762	144,887	148,660
US	26,529,840	27,462,253	9,622,280	10,021,768	5,403,370	5,025,262	23,805,416	24,870,048	19,200,000	19,700,000

[1] Includes operator households. [2] Includes mortgages in process of foreclosure. [3] Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans on farms and association loans for grazing, Indian tribe land acquisition loans, and one-half of economic emergency loans. [4] Includes U.S. legal reserve companies only. Includes regular mortgages and purchase-money mortgages. [5] Estimated by ERS, USDA.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 10-8.—All operating banks: Amount of agricultural loans outstanding, by type, and by States, specified dates, 1993–96 [1]

State and Territory	Farm real estate loans				Nonreal estate farm loans			
	1993	1994	1995	1996 [2]	1993	1994	1995	1996 [2]
AL	329,027	330,203	358,822	371,989	288,514	305,458	320,042	289,857
AK	2,631	3,235	480	1,120	3,097	3,339	2,542	1,715
AZ	35,595	41,287	60,455	44,143	372,622	412,343	344,941	208,059
AR	688,499	763,243	812,000	836,326	696,954	721,984	808,074	784,780
CA	1,057,670	1,144,440	1,142,086	1,180,285	3,185,652	3,440,501	3,688,295	4,045,433
CO	226,399	261,056	302,266	326,311	727,355	787,565	865,192	894,895
CT	6,138	6,602	4,904	6,860	4,643	4,539	2,190	7,062
DE	35,074	35,142	36,223	39,873	49,412	38,074	24,845	20,104
FL	663,961	729,545	658,562	578,867	408,301	423,369	384,861	366,944
GA	703,030	771,757	870,527	937,348	411,280	450,657	560,423	621,755
HI	50,925	42,106	5,389	4,627	31,643	32,917	35,331	30,514
ID	41,348	43,937	48,759	45,202	823,615	912,531	903,582	677,090
IL	1,686,856	1,787,278	1,830,815	1,970,474	2,179,751	2,272,835	2,396,489	2,632,298
IN	983,896	1,006,023	1,026,999	1,017,406	878,629	882,820	920,143	918,127
IA	1,754,253	1,964,151	2,086,155	2,175,259	3,440,371	3,411,620	3,391,209	3,621,114
KS	812,826	876,907	926,460	924,005	2,252,367	2,282,743	2,225,677	2,066,756
KY	824,466	862,133	916,242	927,134	471,268	492,537	498,607	533,550
LA	223,170	231,511	249,100	248,023	317,243	348,100	401,189	373,712
ME	5,913	7,334	8,942	8,917	34,853	47,933	53,005	62,612
MD [3]	115,652	123,291	107,571	104,913	50,180	51,444	49,520	53,357
MA	9,737	4,207	4,540	5,022	59,590	60,662	26,586	12,135
MI	260,574	266,331	276,790	296,951	391,573	387,809	374,329	381,439
MN	1,017,769	1,131,661	1,231,078	1,288,651	2,061,792	2,145,189	2,265,044	2,348,563
MS	468,499	523,207	573,251	640,067	458,779	469,858	513,404	473,890
MO	1,216,885	1,313,789	1,407,108	1,527,763	1,264,155	1,312,754	1,411,628	1,493,094
MT	218,539	243,170	269,622	292,880	572,371	653,253	670,467	684,762
NE	1,016,068	1,131,017	1,188,905	1,242,888	3,014,489	3,158,247	3,231,214	3,291,164
NV	1,514	11,205	1,962	3,540	13,639	13,727	16,521	8,593
NH	5,264	4,974	4,744	3,999	209	245	802	772
NJ	32,905	35,177	30,856	22,306	52,152	9,137	8,946	6,638
NM	112,204	110,934	127,077	139,430	230,524	241,270	246,949	237,995
NY	169,865	170,760	159,759	169,854	359,509	365,408	393,321	345,494
NC	448,203	541,111	610,786	635,903	349,133	458,757	494,445	497,823
ND	343,934	379,547	395,967	426,923	937,814	1,120,427	1,205,439	1,319,805
OH	682,057	735,802	750,389	789,359	529,450	547,767	591,067	685,076
OK	449,026	513,308	566,463	602,315	1,475,206	1,579,895	1,441,427	1,437,389
OR	91,350	81,066	114,401	86,917	510,167	488,919	497,850	483,264
PA	592,151	625,008	666,636	694,449	250,793	266,005	265,644	282,960
RI	1,478	1,435	1,065	120	300	300	0	0
SC	78,332	77,853	61,295	74,482	71,514	71,926	68,042	69,986
SD	298,216	341,243	395,062	435,365	1,429,262	1,516,338	1,493,210	1,501,790
TN	436,268	457,251	484,372	509,172	325,790	326,862	367,818	335,458
TX	965,753	1,034,903	1,111,872	1,173,778	2,967,010	3,099,904	3,165,884	2,944,367
UT	45,102	46,948	49,650	65,653	158,351	175,906	183,624	406,991
VT	49,488	49,772	43,882	42,086	19,955	16,017	14,548	13,079
VA	252,648	270,264	277,863	267,753	158,536	168,128	167,617	182,537
WA	225,470	243,186	273,294	299,728	997,817	1,100,745	1,126,193	1,094,289
WV	78,559	84,935	83,552	90,442	22,457	27,742	26,746	23,915
WI	964,970	1,008,127	1,090,690	1,184,408	1,162,657	1,209,579	1,226,731	1,234,593
WY	67,626	85,670	99,728	108,762	304,998	346,799	363,302	354,306
US	20,847,783	22,555,042	23,805,416	24,870,048	36,777,742	38,662,884	39,734,955	40,361,901

[1] Includes operator households. 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. [2] Preliminary. [3] Includes District of Columbia.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 10-9.—Farm real estate debt: Average interest rates on loans outstanding, by farming regions,[1] Dec. 31, 1987–96[2]

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast	Delta States	Southern Plains	Mountain	Pacific	United States
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
1987	8.4	9.0	8.9	9.0	8.8	9.7	9.0	8.9	8.9	9.2	9.0
1988	9.1	9.2	9.3	9.2	9.1	9.2	9.3	9.4	9.1	9.3	9.2
1989	9.5	9.5	9.5	9.4	9.6	9.8	9.5	9.6	9.3	9.6	9.5
1990	9.3	9.9	9.7	9.5	9.5	9.8	9.6	9.7	9.5	9.2	9.6
1991	8.8	9.2	9.0	8.8	8.7	9.2	9.0	9.1	8.9	8.5	8.9
1992	8.3	8.4	8.5	8.4	8.5	8.7	8.6	8.4	8.3	8.6	8.5
1993	7.7	7.7	7.8	7.7	7.8	8.0	7.9	7.7	7.6	7.9	7.8
1994	7.9	7.9	8.0	7.9	8.0	8.2	8.1	7.9	7.8	8.1	8.0
1995	7.9	8.0	8.1	8.0	8.1	8.2	8.2	7.9	7.8	8.0	8.0
1996[3]	8.2	8.0	8.2	8.1	8.3	8.6	8.2	7.9	7.9	8.2	8.1

[1] Includes operator households. For States included in regions, see footnote 1, table 10-5. [2] Contract rates. Excludes Alaska and Hawaii. [3] Preliminary.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 10-10.—Farm real estate debt: Interest charges on debt outstanding, by farming regions,[1] 1987–96[2]

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*
1987	345,042	888,394	1,876,072	911,247	570,831	591,939
1988	363,697	833,064	1,812,211	857,668	576,292	570,801
1989	383,133	803,475	1,779,135	837,967	595,261	586,812
1990	374,495	785,359	1,739,022	819,074	581,840	573,582
1991	346,262	726,151	1,607,915	757,323	537,975	530,339
1992	336,369	664,675	1,560,895	724,934	528,778	500,659
1993	319,704	617,365	1,465,078	684,447	479,959	463,735
1994	334,572	646,787	1,541,089	720,994	495,254	485,115
1995	333,765	675,051	1,611,737	744,051	507,155	491,280
1996[3]	347,696	703,277	1,679,010	775,107	528,323	511,785

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	429,491	732,238	744,844	1,093,636	8,209,120
1988	405,835	711,105	693,636	1,038,272	7,887,692
1989	389,108	669,909	663,002	1,049,245	7,781,976
1990	380,334	654,804	648,053	1,025,588	7,606,519
1991	351,661	605,438	599,196	948,268	7,033,058
1992	334,927	552,996	550,603	961,067	6,733,192
1993	316,449	500,736	503,406	889,014	6,254,851
1994	338,366	517,086	520,084	921,092	6,535,257
1995	353,230	533,017	527,831	919,063	6,708,371
1996[3]	367,974	555,265	549,862	957,375	6,988,375

[1] Includes operator households. For States included in regions, see footnote 1, table 10-5. [2] Interest charges during calendar year. [3] Preliminary.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 10-11.—Farm real estate debt: Amount outstanding by lender, United States, Dec. 31, 1987–96 [1]

Year	Farm Credit System	Farm Service Agency [2]	Life insurance companies [3]	All operating banks [4]	Individuals and others [5]	CCC storage and drying facility	Total farm mortgage debt
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	32,637,687	10,083,239	9,895,800	14,455,162	20,600,000	45,713	87,717,601
1988	30,326,707	9,606,796	9,581,700	15,416,700	18,000,000	20,615	82,952,518
1989	28,506,713	8,719,822	9,597,900	16,646,179	17,000,000	11,575	80,482,191
1990	27,390,156	8,092,986	10,186,300	17,227,171	16,000,000	6,506	78,903,119
1991	26,760,206	7,462,411	10,029,300	18,436,918	16,500,000	3,786	79,192,651
1992	26,886,261	6,779,546	9,208,000	19,862,622	17,000,000	1,984	79,738,413
1993	26,460,450	6,216,178	9,469,174	20,847,783	17,450,000	0	80,738,585
1994	26,300,421	5,852,920	9,562,841	22,555,042	18,700,000	0	82,971,224
1995	26,529,840	5,403,307	9,622,280	23,805,146	19,200,000	0	84,560,906
1996 [6]	27,462,253	5,025,262	10,021,768	24,870,048	19,700,000	0	87,079,031

[1] Includes operator households. Includes regular mortgages, purchase-money mortgages, and sales contracts. [2] Includes farm ownership loans, soil and water loans to individuals, rural and labor housing loans, association loans for grazing, Indian tribe land acquisition loans, and one-half of economic emergency loans. [3] Compiled by American Council of Life Insurance. [4] Includes all operating commercial, savings, and private banks. [5] Estimated by ERS. [6] Preliminary.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 10-12.—Nonreal estate farm debt: Amount outstanding, by lender, United States, Dec. 31, 1987–96 [1]

Year	Debt owed to reporting institutions (excluding CCC)				Debts owed to individuals and others	Total excluding CCC loans	Price-support loans made or guaranteed by CCC [2]	Total including CCC loans
	All operating banks	Farm Credit System [2]	Farm Service Agency	Total				
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
1987	29,041	9,768	16,049	54,858	11,139	65,997	15,120	81,117
1988	29,799	9,131	14,658	53,588	12,000	65,588	8,902	74,490
1989	30,782	9,942	12,322	53,046	12,500	65,546	5,225	70,771
1990	32,913	10,258	10,652	53,823	13,000	66,823	4,377	71,200
1991	34,584	10,648	9,332	54,564	13,250	67,814	3,579	71,393
1992	34,644	10,777	8,118	53,539	13,500	67,038	4,771	71,809
1993	36,778	10,979	7,090	54,846	14,500	69,346	3,170	72,517
1994	38,663	11,646	6,841	57,150	15,500	72,650	6,237	78,887
1995	39,735	12,992	5,786	58,513	16,500	75,013	2,979	77,992
1996 [3]	40,362	14,599	5,025	59,986	17,800	77,786	1,333	79,119

[1] Includes operator households. [2] Although price-support loans of the Commodity Credit Corporation (CCC) are nonrecourse loans, they are treated as income in the year received. They are not considered farm debt even though borrowers must either pay them or deliver the commodities on which they are based. [3] Preliminary.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 10-13.—Farm Service Agency: Loans made to individuals and associations for farming purposes, and amount outstanding, United States and Territories, 1988–97 [1]

Year	Loans to individuals						
	Farm ownership			Soil and water			Recreation
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1988	3,468	497,832	7,410,986	296	4,972	274,302	10,859
1989	2,585	369,681	7,150,033	304	6,199	255,300	10,234
1990	2,825	429,925	6,656,773	172	6,272	225,308	9,271
1991	2,854	444,195	6,297,382	149	4,371	200,757	8,274
1992	3,721	588,052	5,871,201	213	4,934	179,600	7,289
1993	3,767	609,312	5,399,659	122	2,705	159,155	5,474
1994	4,418	681,217	5,012,489	98	3,146	138,686	4,521
1995	3,727	616,870	4,715,766	0	0	124,733	4,278
1996	3,630	624,316	6,816,032	0	0	118,484	.....
1997	3,482	613,877	7,008,911	0	0	98,774	3,874

Year	Loans to individuals					
	Operating			Emergency		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*
1988	11,749	1,786,647	5,444,015	372	29,069	8,857,923
1989	10,300	1,679,272	5,021,322	2,163	79,655	8,060,959
1990	9,868	1,626,468	4,348,195	1,838	100,792	6,682,433
1991	9,596	1,537,473	3,885,020	784	80,246	5,695,658
1992	10,658	1,700,035	3,459,758	1,015	75,236	4,956,934
1993	10,582	1,626,821	3,112,516	578	58,571	4,244,237
1994	13,137	2,014,715	2,805,783	2,469	90,013	3,649,004
1995	10,517	1,816,177	2,711,011	1,146	68,823	3,273,315
1996	10,377	1,882,431	5,945,331	2,163	176,500	3,046,279
1997	9,065	1,560,559	6,100,452	1,760	144,880	2,423,475

Year	Loans to associations					Economic opportunity individual loans	Economic emergency loans
	Indian tribe land acquisition			Grazing association	Irrigation, drainage, and soil conservation	Outstanding Jan. 1	Outstanding Jan. 1
	New borrowers	Loans made	Outstanding Jan. 1	Outstanding Jan. 1	Outstanding Jan. 1		
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1988	0	2,000	88,854	54,714	16,278	429	3,581,693
1989	1	461	85,867	52,833	14,837	284	3,237,134
1990	0	120	85,059	47,559	13,869	137	2,665,810
1991	1	267	80,473	42,462	13,394	78	2,271,532
1992	1	1,080	79,345	39,627	12,409	52	1,955,246
1993	1	1,367	78,385	34,427	11,492	37	1,634,898
1994	1	137	75,575	31,267	10,428	28	1,375,611
1995	1	550	74,171	28,929	10,183	25	1,185,261
1996	0	641	73,479	28,613	6,657	14	1,082,954
1997	0	224	62,603	23,878	6,229	14	874,601

[1] 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.

FSA, Loan Making Division, (202) 690–4006.

Table 10-14.—Rural Development: Loans made to individuals and organizations for housing purposes and loans outstanding, United States and Territories, 1988–97 [1]

Year	Rural housing loans			Farm labor housing loans		
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*
1988	30,170	1,347,109	18,558,816	54	12,438	135,792
1989	26,938	1,236,058	18,588,745	52	10,583	133,877
1990	23,882	1,269,316	18,669,914	53	11,708	136,192
1991	26,569	1,454,780	18,948,369	48	22,826	145,114
1992	33,734	1,814,631	19,072,870	55	32,264	157,206
1993	35,883	2,014,025	18,921,426	34	29,779	164,847
1994	46,242	2,508,434	18,556,694	27	11,746	167,817
1995	38,693	2,050,783	18,790,649	10	13,848	173,168
1996	45,864	2,689,868	18,234,081	29	16,857	187,177
1997	45,263	2,705,184	.....	16	15,426	.....

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
	Number	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*
1988	567	558,503	7,922,513	0	0	995
1989	576	570,677	8,427,460	2	928	783
1990	520	536,674	9,030,731	3	1,071	1,364
1991	557	583,870	9,625,135	1	143	464
1992	590	569,869	10,119,133	1	371	249
1993	571	584,813	10,526,675	0	0	822
1994	403	462,977	10,920,761	1	140	814
1995	167	179,306	11,334,285	1	120	383
1996	143	153,888	11,582,216	5	613	180
1997	41	57,391	.....	1	100	.....

[1] 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.

RD, Management Systems Development, (703) 235-5520.

Table 10-15.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1987–96

Year [1]	Cooperatives [2]				Estimated memberships [4]				Estimated service receipts [5]
	Marketing	Farm supply	Related service [3]	Total	Marketing	Farm supply	Related service [3]	Total	
	Number	*Number*	*Number*	*Number*	*1,000 members*	*1,000 members*	*1,000 members*	*1,000 members*	*Million dollars*
1987	3,054	1,941	114	5,109	2,026	2,282	132	4,440	1,891
1988	2,988	1,836	113	4,937	1,912	2,142	141	4,195	1,939
1989 [6]	2,550	1,803	([7]) 446	4,799	1,856	2,035	243	4,134	1,974
1990	2,519	1,717	427	4,663	1,882	2,006	232	4,119	2,347
1991	2,384	1,689	421	4,494	1,842	2,025	191	4,059	2,517
1992	2,218	1,618	479	4,315	1,839	2,020	212	4,072	2,575
1993	2,214	1,547	483	4,244	1,830	1,977	216	4,023	2,724
1994	2,173	1,496	505	4,174	1,805	1,936	245	3,986	2,986
1995	2,074	1,458	474	4,006	1,712	1,846	210	3,767	3,284
1996 [8]	2,012	1,403	469	3,884	1,682	1,795	187	3,664	3,100

Year [1]	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business [9]	Estimated net business [10]	Estimated gross business [9]	Estimated net business [10]	Estimated gross business [9]	Estimated net business [10]
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
1987	50,315	44,156	22,536	14,271	74,742	60,318
1988	56,204	49,067	23,993	15,424	82,137	66,430
1989 [6]	60,258	53,247	25,845	16,907	88,077	72,129
1990	64,062	57,831	26,258	17,088	92,667	77,266
1991	61,425	56,203	26,816	17,916	90,759	76,636
1992	63,790	58,196	27,046	18,513	93,411	79,284
1993	66,839	60,930	28,180	19,218	97,744	82,872
1994	72,148	65,545	30,405	20,779	105,539	89,309
1995	77,946	69,321	30,965	21,213	112,195	93,818
1996 [8]	90,270	79,429	34,728	23,653	128,098	106,182

[1] 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. [2] Includes independent local cooperatives, centralized cooperatives, federations of cooperatives and cooperatives with mixed organizational structures. 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. [3] Includes cooperatives whose major activity is providing services related to marketing and farm supply activities. [4] 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.) [5] Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities. [6] Revised. [7] Increased number due to a reclassification of cotton ginning cooperatives from marketing to related services. [8] Preliminary. [9] 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. [10] 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.

RBS, Statistics and Technical Services Staff, (202) 720–2480. Based on records from cooperatives reporting to the Service.

Table 10-16.—Farmers' cooperatives: Business volume, number of marketing, farm supply, and related service cooperatives and business volume, United States, 1995 and 1996 (preliminary)

Item	Gross business		Net business [1]	
	1995	1996	1995	1996
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Products marketed:				
Beans and peas (dry edible)	211,221	179,008	208,455	179,008
Cotton and cotton products	2,902,885	2,734,903	2,799,083	2,658,646
Dairy products	23,668,484	25,969,534	21,783,809	22,934,533
Fruits and vegetables	9,947,892	9,914,328	9,271,953	9,391,996
Grain and oilseeds excluding cottonseeds	25,197,639	33,889,356	19,864,429	27,656,865
Livestock and livestock produc	6,532,089	6,745,622	6,473,743	6,725,220
Nuts	865,600	951,636	865,600	951,636
Poultry products	1,875,287	2,122,741	1,591,530	1,754,141
Rice	900,832	901,074	899,542	899,763
Sugar products	1,966,818	2,015,788	1,868,603	1,933,287
Tobacco	1,160,917	1,411,959	1,160,917	1,411,959
Wool and mohair	22,404	13,327	15,421	7,938
Miscellaneous [2]	2,694,070	3,420,451	2,517,761	2,923,573
Total farm products	77,946,138	90,269,727	69,320,846	79,428,565
Supplies purchased:				
Farm chemicals	3,612,107	3,929,142	2,627,685	2,829,166
Feed	6,639,436	7,367,330	5,017,012	5,387,996
Fertilizer	7,911,716	8,727,192	4,692,116	5,200,566
Petroleum products	8,133,935	9,752,747	5,210,892	6,295,164
Seed	790,984	878,982	582,702	658,490
Other supplies [3]	3,876,369	4,072,897	3,082,977	3,281,256
Total farm supplies	30,964,547	34,728,290	21,213,384	23,652,638
Receipts for services: [4]				
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	3,284,017	3,100,442	3,284,017	3,100,442
Total business	112,194,702	128,098,459	93,818,247	106,181,645

[1] Represents value at the first level at which cooperatives transact business for farmers. [2] Includes coffee, fish, forest products, hay, hops, seed marketed for growers, nursery stock, other farm products not separately classified, and sales of farm products not received directly from member-patrons. Also includes manufactured food products and resale items marketed by cooperatives. [3] Includes automotive supplies, building materials, chicks, containers, farm machinery and equipment, hardware, meats and groceries, and other supplies not separately classified. [4] Charges for services related to marketing or purchasing but not included in the volume reported for those activities, plus other income.

RBS, Statistics and Technical Services Staff, (202) 720–2480. Based on records from cooperatives reporting to the Service.

Table 10-17.—Farmers' cooperatives: Types, numbers, and memberships, United States, 1996

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply, and related service: [1]			
Marketing	1996	2,012	1,682,408
Farm supply	1996	1,403	1,794,671
Related services [2]	1996	469	186,505
Service:			
Federal land bank associations [3]	Dec. 31, 1996	60	NA
Production credit associations [3]	Dec. 31, 1996	65	NA
Rural credit unions [4]	Dec. 31, 1996	690	4,240
Rural electric cooperatives [5]	Dec. 31, 1996	804	11,084
Rural telephone cooperatives [5]	Dec. 31, 1996	236	1,457
Production:			
Dairy herd improvement associations [6]	Dec. 31, 1996	NA	41,277

[1] Agricultural Cooperative Service, U.S. Department of Agriculture. [2] Includes trucking, storage, grinding, locker plant, and other services. [3] Farm Credit Administration. [4] Credit Union National Association, Inc. [5] Rural Electrification Administration, U.S. Department of Agriculture. [6] Agriculture Research Service, U.S. Department of Agriculture. NA = not available.

RBS, Statistics and Technical Services Staff, (202) 720–2480.

Table 10-18.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1995 and 1996 (preliminary)

State	Cooperatives headquartered in State		Memberships in State [1]		Net business [1]	
	1995	1996	1995 [2]	1996	1995 [2]	1996
	Number	*Number*	*Number*	*Number*	*1,000 dollars*	*1,000 dollars*
AL	64	64	55,938	.....	1,380,403	.....
AK	13	10	6,246	.....	41,846	.....
AZ	10	10	10,017	.....	721,816	.....
AR	64	62	63,032	.....	1,732,551	.....
CA	192	184	59,551	.....	8,890,968	.....
CO	55	54	33,865	.....	924,076	.....
CT	4	4	3,310	.....	126,710	.....
DE	3	3	29,072	.....	86,123	.....
FL	53	50	28,382	.....	2,498,745	.....
GA	25	21	40,156	.....	1,282,038	.....
HI	40	33	14,928	.....	118,743	.....
ID	43	42	26,441	.....	1,032,266	.....
IL	210	206	235,239	.....	5,021,399	.....
IN	61	62	111,952	.....	2,492,001	.....
IA	257	235	241,348	.....	7,995,126	.....
KS	159	153	151,532	.....	3,607,457	.....
KY	45	44	203,061	.....	1,125,812	.....
LA	55	53	15,086	.....	623,311	.....
ME	22	23	9,527	.....	226,460	.....
MD	20	21	53,464	.....	396,489	.....
MA	15	14	5,343	.....	997,220	.....
MI	87	81	70,521	.....	2,578,034	.....
MN	389	378	329,241	.....	7,422,439	.....
MS	89	86	112,303	.....	1,156,226	.....
MO	74	72	180,235	.....	3,091,663	.....
MT	83	81	35,107	.....	721,629	.....
NE	139	134	121,266	.....	4,355,176	.....
NV	(3)	(3)	(3)	.....	(3)	.....
NH	(3)	(3)	(3)	.....	(3)	.....
NJ	19	19	8,220	.....	373,128	.....
NM	9	9	3,330	.....	178,066	.....
NY	95	92	61,930	.....	2,255,214	.....
NC	28	28	113,082	.....	760,505	.....
ND	294	288	143,844	.....	3,171,612	.....
OH	99	97	90,447	.....	2,674,366	.....
OK	108	107	77,651	.....	1,185,081	.....
OR	41	39	30,877	.....	1,493,302	.....
PA	63	62	62,073	.....	1,769,454	.....
RI	(3)	(3)	(3)	.....	(3)	.....
SC	7	6	19,612	.....	270,859	.....
SD	151	149	116,128	.....	2,274,768	.....
TN	79	79	148,933	.....	926,899	.....
TX	282	277	130,729	.....	3,507,682	.....
UT	22	21	13,268	.....	579,378	.....
VT	7	6	7,454	.....	486,653	.....
VA	67	66	167,890	.....	684,145	.....
WA	92	92	36,681	.....	2,884,094	.....
WV	28	27	63,748	.....	135,003	.....
WI	225	222	214,519	.....	6,800,475	.....
WY	14	13	4,619	.....	147,178	.....
US	4,006	3,884	3,764,135	.....	93,315,433	.....
Foreign [4]	.....	.....	3,160	.....	502,814	.....
Total	4,006	3,884	3,767,295	3,663,584	93,818,247	106,181,645

[1] Represents value at the first level at which cooperatives transact business for farmers. Totals may not add due to rounding. [2] These statistics for 1996 are presented on a national basis only. [3] Dollar volume or membership is not shown to avoid disclosing operations of individual cooperatives. [4] Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

RBS, Statistics & Technical Services Staff, (202) 720–2480.

Table 10-19.—Rural Utilities Service: Long-term financing approved by purpose, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1997 [1]

State and Territory	Borrowers	Total financing			Financing to cooperative associations [3]		Financing by purpose			Miles of line provided for by financing [6]	Consumers provided for by financing [6]
		RUS loans	Non-RUS financing				Distribution	Generation and transmission [2]	Consumer facilities [5]		
			With RUS guarantee	Without RUS guarantee [2]	Borrowers	Amount [2 4]					
	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*
AL	27	606,565	605,337	256,479	24	1,454,401	594,845	872,178	1,359	59,852	502,096
AK	16	775,780	260,620	102,896	14	1,084,272	501,750	636,457	1,089	10,023	173,388
AZ	14	259,763	348,495	99,283	8	662,905	249,901	457,151	490	17,620	155,265
AR	20	790,557	853,295	385,054	19	2,028,383	752,709	1,271,725	4,471	65,416	431,252
CA	10	80,357	0	6,803	7	62,674	73,298	13,805	56	6,467	76,231
CO	25	1,011,786	1,410,265	544,788	24	2,763,947	816,186	2,150,579	74	64,840	359,117
CT	0	0	0	0	0	0	0	0	0	0	0
DE	1	56,030	0	18,666	1	74,696	73,832	861	3	4,161	47,939
FL	18	897,809	1,105,420	548,023	16	2,551,040	1,136,479	1,412,255	2,519	61,651	748,946
GA	48	1,461,890	4,505,607	1,790,218	46	7,757,452	1,951,948	5,802,809	2,959	136,818	1,352,933
HI	0	0	0	0	0	0	0	0	0	0	0
ID	10	147,461	0	36,612	9	181,058	156,510	26,367	1,197	12,303	57,008
IL	29	526,294	977,509	172,263	28	1,675,985	509,570	1,166,284	212	54,588	243,309
IN	47	430,724	1,912,706	444,867	46	2,787,867	401,995	2,385,58 5	717	54,265	390,865
IA	51	704,178	333,512	131,100	48	1,167,190	495,460	672,933	397	65,181	194,980
KS	35	554,625	689,344	99,395	34	1,343,359	501,359	841,591	415	71,569	208,446
KY	29	1,125,931	1,603,625	587,477	28	3,317,031	949,594	2,366,280	1,159	78,466	689,297
LA	20	563,419	2,784,208	254,970	18	3,594,100	604,779	2,997,640	177	47,013	409,184
ME	4	29,162	0	17,175	4	46,337	27,442	18,851	44	1,990	18,248
MD	2	245,875	18,355	126,406	2	390,636	282,423	108,213	0	12,843	142,305
MA	0	0	0	0	0	0	0	0	0	0	0
MI	14	413,969	824,790	77,949	14	1,316,708	351,846	964,389	473	32,164	242,910
MN	52	1,120,572	1,352,285	416,213	50	2,888,111	1,031,705	1,853,018	4,346	113,818	578,355
MS	29	680,624	685,564	252,837	27	1,616,326	741,525	876,806	694	79,639	602,732
MO	49	1,274,466	874,552	500,266	48	2,649,249	1,034,516	1,613,947	821	113,489	608,956
MT	26	338,483	8,648	46,421	26	393,551	325,826	67,497	229	44,628	117,266
NE	36	464,455	0	36,000	4	72,559	392,999	106,895	562	75,396	171,348
NV	8	75,008	1,241	8,621	3	73,535	63,495	21,127	248	6,265	24,889
NH	1	100,398	146,182	8,696	1	255,276	103,050	152,194	32	4,616	64,601
NJ	2	18,173	0	5,377	2	23,549	22,237	1,308	4	1,000	13,334
NM	18	361,839	387,682	165,615	17	915,001	332,261	579,865	3,010	40,943	181,255
NY	6	31,217	0	8,129	5	37,483	39,087	174	85	4,838	23,988
NC	35	888,674	1,322,071	461,789	30	2,671,639	1,044,984	1,622,915	4,635	80,378	758,831
ND	28	972,333	2,186,157	817,647	26	3,970,537	543,871	3,430,280	1,986	67,423	120,423
OH	28	432,263	72,110	460,105	27	958,235	468,301	495,958	218	43,956	309,407
OK	29	939,482	650,331	232,548	27	1,822,061	917,173	902,512	2,676	96,111	455,968
OR	18	275,314	54,128	83,272	17	394,096	291,119	121,358	237	23,200	127,560
PA	13	298,831	579,633	113,500	13	989,965	366,934	624,791	239	26,186	203,458
RI	0	0	0	0	0	0	0	0	0	0	0
SC	27	953,993	470,441	355,018	25	1,774,947	1,061,069	716,152	2,231	61,600	578,817
SD	33	539,529	13,272	45,548	33	598,349	445,941	151,527	881	63,486	133,436
TN	33	531,219	1,200	178,048	21	645,845	691,060	19,183	223	78,156	856,839
TX	101	2,172,662	1,194,193	717,815	99	4,026,934	2,252,400	1,829,746	2,524	257,095	1,343,647
UT	6	72,455	1,027,311	216,171	6	1,315,937	59,920	1,255,893	124	5,783	23,326
VT	3	55,715	50,726	7,310	3	113,750	43,897	68,950	903	2,870	22,729
VA	18	636,297	243,900	206,368	17	1,086,372	793,649	292,428	488	40,681	351,459
WA	23	204,898	825	39,048	11	181,878	231,126	13,393	252	20,635	102,847
WV	1	9,266	0	1,059	1	10,325	10,320	0	5	771	5,916
WI	29	496,854	265,441	134,813	28	897,017	357,444	537,856	1,809	44,622	212,863
WY	15	244,959	2,585	23,297	14	270,762	208,182	62,557	101	28,359	77,985
US	1,087	24,872,153	29,823,565	11,241,957	971	64,913,330	24,306,018	41,584,283	47,374	2,283,174	14,515,954
PR	1	300,981	0	31,424	0	0	292,851	39,554	0	16,633	624,343
VI	1	430	0	0	0	0	234	197	0	85	912
TOTAL	1,089	25,173,564	29,823,565	11,273,381	971	64,913,330	24,599,103	41,624,034	47,374	2,299,892	15,141,209

[1] State total represents data for borrowers incorporated within the State. [2] Includes loans obtained by RUS borrowers' affiliates specifically organized to facilitate non-RUS financing. [3] Totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, $539,056,281; municipalities and other Government authorities, 36 borrowers, $577,986,834; power companies, 29 borrowers, $240,137,318. [4] Includes $29,619,428,008, RUS guarantee commitments made as of Jan. 1, 1996. [5] Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations. [6] Includes miles energized and consumers served, shown in tables 10-20 and 10-21.

RD, Planning and Policy Branch, (703) 235–5492.

Table 10-20.—Rural Utilities Service: Advances to, and operating statistics of, electric borrowers, 1996, by States and Territories [1]

State and Territory	Total advances as of Jan. 1, 1997 [2 3]	Statistics for borrowers in operation								
		As of Jan. 1, 1997			Calendar year 1996					
		Borrowers	Miles energized [4]	Consumers served [4]	Kw.-hr. generated	Kw.-hr. purchased [5]	Kw.-hr. sales [6]	Total revenue [6]	Average monthly kw.-hr. consumption per consumer: All consumers	Average monthly kw.-hr. consumption per consumer: Residential consumers [7]
	1,000 dollars	*Number*	*Miles*	*Number*	*1,000 kw.-hr.*	*1,000 kw.-hr.*	*1,000 kw.-hr.*	*1,000 dollars*	*Kw.-hr.*	*Kw.-hr.*
AL	543,208	26	64,070	502,357	3,875,089	13,027,037	10,562,902	644,354	1,684	1,160
AK	760,563	16	10,449	164,727	607,989	1,861,885	1,406,937	160,933	1,658	666
AZ	244,600	14	19,410	158,016	1,958,376	6,183,280	4,787,131	286,683	2,284	586
AR	773,836	20	66,621	387,392	9,658,603	15,168,542	11,247,029	531,157	2,011	1,016
CA	76,934	9	5,590	32,423	0	282,515	256,944	20,038	1,483	856
CO	979,272	24	66,303	372,140	7,292,811	10,425,671	9,920,053	563,628	1,680	764
CT	0	0	0	0	0	0	0	0	0	0
DE	56,030	1	4,563	52,790	0	717,678	674,116	59,347	1,076	992
FL	842,881	18	60,910	688,482	9,034,014	11,606,733	11,690,177	822,815	1,320	1,079
GA	1,374,331	46	138,717	1,289,826	17,866,143	25,022,263	25,919,161	1,615,924	1,467	1,106
HI	0	0	0	0	0	0	0	0	0	0
ID	141,100	10	12,262	55,674	0	1,302,919	1,202,544	64,378	2,212	1,101
IL	513,983	29	54,885	231,721	1,093,479	3,047,302	2,905,127	253,314	1,443	996
IN	415,448	44	54,552	404,786	7,767,607	6,337,871	9,207,349	465,846	1,504	1,112
IA	680,550	51	64,992	185,765	3,065,946	4,813,181	4,278,305	286,766	1,592	1,218
KS	521,482	34	70,477	186,452	2,784,031	4,073,157	3,645,905	252,998	1,468	812
KY	1,057,551	28	79,576	613,857	17,409,195	26,533,107	23,645,710	968,570	2,585	1,145
LA	558,894	17	48,019	327,654	0	5,634,667	5,247,388	396,228	1,556	1,239
ME	27,166	4	1,978	15,586	0	117,371	105,622	12,326	643	421
MD	228,714	2	13,055	146,366	0	3,226,056	3,063,419	242,133	1,766	1,203
MA	0	0	0	0	0	0	0	0	0	0
MI	375,542	14	31,967	230,264	322,780	3,395,721	1,920,876	162,960	798	621
MN	1,055,614	52	112,606	561,849	9,410,453	10,783,910	8,999,455	501,820	1,422	1,102
MS	661,638	29	83,979	582,394	3,417,432	14,155,307	9,652,855	610,850	1,815	1,183
MO	1,185,018	47	115,493	552,847	11,431,538	27,503,953	18,216,849	811,180	1,434	1,049
MT	323,197	26	44,808	111,341	0	2,779,635	1,561,925	104,632	1,416	1,030
NE	462,088	36	69,306	163,711	0	4,227,440	3,166,367	148,083	1,839	1,209
NV	75,008	8	9,504	26,761	519	1,388,746	1,348,957	63,107	6,525	1,104
NH	81,213	1	4,867	68,564	214,003	637,316	844,134	94,095	1,032	563
NJ	15,920	2	1,014	13,091	0	118,708	112,736	13,456	903	800
NM	344,916	18	41,501	167,837	1,654,388	4,899,853	3,656,110	243,692	1,794	476
NY	30,867	5	4,424	21,613	0	175,755	159,644	12,836	880	797
NC	808,231	33	82,381	713,586	4,386,641	20,284,222	13,833,802	951,547	1,312	1,039
ND	944,420	27	67,196	113,044	19,424,970	8,494,512	15,305,112	478,481	2,526	1,395
OH	413,040	28	43,626	316,262	5,579,734	5,810,717	5,590,123	344,299	1,556	1,110
OK	899,866	29	96,339	374,397	4,157,520	6,413,812	6,215,412	393,270	1,349	989
OR	259,057	18	24,361	135,350	156,288	3,139,826	3,074,503	161,855	2,131	1,210
PA	280,380	13	26,278	187,616	1,822,370	3,130,963	2,393,048	211,203	885	740
RI	0	0	0	0	0	0	0	0	0	0
SC	834,050	23	60,658	528,281	1,463,698	20,982,257	11,004,135	706,005	1,664	1,220
SD	508,670	33	64,305	120,529	0	4,331,471	2,319,836	158,382	1,606	1,198
TN	471,716	33	79,635	831,521	0	19,756,433	18,605,299	1,089,301	1,907	1,340
TX	2,146,460	82	259,907	1,168,779	6,120,055	22,176,426	15,352,494	979,607	1,386	1,001
UT	72,455	6	5,978	25,880	25,853	90,591	105,241	8,062	1,272	606
VT	54,065	3	1,229	8,776	3,087	60,361	56,976	7,483	546	506
VA	580,414	14	41,159	337,218	1,144	6,972,595	6,654,300	501,783	1,678	1,134
WA	200,981	23	17,965	91,553	0	1,129,825	1,034,157	55,982	2,215	1,258
WV	8,866	1	778	5,403	0	53,294	46,786	4,545	730	644
WI	490,064	29	44,068	202,979	3,353,766	5,072,267	3,955,819	174,639	1,086	933
WY	236,240	15	28,768	77,730	0	2,635,287	2,419,206	126,001	3,403	822
PR	300,981	1	0	0	0	0	0	0	0	0
VI	430	1	97	853	0	0	0	0	0	0
US	23,917,858	1,043	2,300,626	13,556,043	155,359,522	339,982,438	287,371,976	16,766,594	1,632	1,071

[1] State totals represent data for borrowers incorporated within the State. [2] Actual funds advanced out of RUS loans approved, as shown in table 10-19. [3] Cumulative. [4] Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1996, there were 167 such borrowers with 335,447 miles energized and 2,207,491 consumers served. [5] Includes 185,314,227 thousands of Kw-hr. sold by one RUS borrower to another. [6] Excludes energy sales and revenues of power sold by one RUS borrower to another. [7] Includes rural nonfarm and farm consumers.

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Table 10-21.—Rural Utilities Service: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1988–97

Year	Total advances as of Jan. 1 [1]	Statistics for borrowers in operation								
		As of Jan. 1			During year				Average monthly kw.-hr. consumption per consumer	
		Borrowers	Miles energized [2]	Consumers served [2]	Kw.-hr. generated	Kw.-hr. purchased [3]	Kw.-hr. sales [3]	Total revenue [3]	All consumers	Residential consumers [4]
	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.*
1988	18,437,359	1,058	2,142,419	11,628,110	147,851,823	111,686,692	236,468,484	14,481,656	1,419	951
1989	19,007,355	1,057	2,150,389	11,797,981	154,164,812	109,322,913	239,666,253	15,091,916	1,427	952
1990	19,738,972	1,056	2,178,530	12,139,143	156,280,995	117,818,936	252,151,483	15,813,230	1,461	961
1991	20,500,021	1,053	2,197,841	12,382,969	151,131,931	124,246,203	252,568,951	15,630,565	1,483	984
1992	21,029,091	1,053	2,210,896	12,612,389	154,129,086	128,722,179	260,492,023	16,490,493	1,458	958
1993	21,410,549	1,052	2,230,138	12,905,821	157,375,158	144,159,840	277,205,315	17,168,816	1,530	1,021
1994 [5]	21,839,184	1,049	2,247,943	13,170,387	159,463,827	138,222,711	274,658,217	16,827,484	1,528	1,001
1995 [5]	22,535,357	1,050	2,235,156	12,835,552	152,549,534	147,000,468	275,749,181	16,802,281	1,570	1,036
1996 [5]	23,235,820	1,047	2,265,042	13,172,812	155,359,522	154,668,211	287,371,976	16,766,594	1,632	1,071
1997 [6]	23,917,858	1,043	2,300,626	13,556,043	.....	.....	.....	.....	.....	.....

[1] Cumulative from organization, May 11, 1935. [2] Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1997, there were 207 such borrowers with 335,447 miles energized and 2,207,491 consumers served. [3] Excludes energy sales and revenues of power sold by one RUS borrower to another. Includes patronage capital. [4] Includes rural nonfarm and farm consumers. [5] Revised. [6] Actual funds advanced out of RUS loans approved, as shown in table 10-19.

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Table 10-22.—Rural Utilities Service: Annual revenues and expenses reported by electric borrowers, United States, 1987–96

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins	Total utility plant
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	20,500,204	16,060,730	2,668,876	1,408,996	747,826	55,454,335
1988	21,226,292	16,678,223	2,742,793	1,453,262	758,237	54,039,460
1989	22,334,246	17,660,877	2,676,889	1,568,342	763,670	57,288,116
1990	22,585,656	17,861,858	2,815,507	1,636,999	735,104	58,228,240
1991	23,158,838	18,570,475	2,841,968	1,660,453	767,973	58,997,507
1992	23,325,191	18,643,390	2,778,213	1,709,293	710,890	60,669,964
1993	24,872,684	19,907,666	2,667,343	1,767,525	1,034,849	62,654,291
1994	24,861,855	20,138,000	2,501,585	1,824,860	807,741	64,391,203
1995	24,609,188	21,741,162	2,171,170	1,779,568	1,236,050	61,867,838
1996 [1]	24,423,637	21,551,868	2,052,776	1,786,955	1,326,440	61,395,003

[1] Revised.

RD, Planning and Policy Branch, (703) 235–5492.

Table 10-23.—Rural Development: Loans made to organizations and associations for community projects, and loans outstanding, United States and Territories, 1988–97 [1]

Year	Water and waste loans			Recreation loans [2]	Watershed and flood prevention organization loans [3]		
	New borrowers	Loans made	Outstanding Jan. 1	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*
1988	308	335,630	5,247,150	58,436	0	0	71,402
1989	317	312,845	4,070,266	53,978	0	0	74,116
1990	708	566,674	2,927,004	50,393	2	2,649	75,897
1991	908	836,953	3,189,505	46,433	0	0	73,324
1992	1,016	1,070,505	3,429,440	41,663	1	502	63,780
1993	295	566,023	3,663,329	35,040	0	0	53,729
1994	545	807,014	3,940,286	30,414	0	0	50,549
1995	.....	.....	4,189,220	26,788	.....	.....	46,601
1996	.....	.....	4,639,521	23,665	.....	.....	46,560
1997	NA	NA	NA	NA	NA	NA	NA

Year	Resource conservation and development and rural renewal loans [3]			Business and industrial development loans			Community facility loans			Economic opportunity loans to cooperatives
	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	New borrowers	Loans made	Outstanding Jan. 1	Outstanding Jan. 1
	Number	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1988	0	0	13,494	83	104,983	37,382	173	96,756	1,123,011	2,691
1989	0	0	12,357	73	78,883	21,571	197	86,603	1,018,217	2,480
1990	1	72	9,671	95	179,207	19,433	214	113,839	887,595	2,157
1991	0	0	8,664	130	74,101	18,592	215	132,087	960,088	1,480
1992	0	0	7,969	89	127,585	14,095	187	127,585	1,009,110	1,179
1993	0	0	7,847	155	214,002	11,408	166	144,435	1,023,081	918
1994	0	0	7,050	131	218,368	6,718	199	206,707	1,021,363	640
1995	.....	.....	6,173	.....	.....	5,578	.....	.....	1,028,078	526
1996	.....	.....	4,641	.....	.....	4,676	.....	.....	1,075,793	401
1997	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

[1] 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. [2] Recreation association loans are made only to subsequent borrowers who received an initial loan in a prior year. [3] Funding for this program is no longer available. NA-not available.

RD, Management Systems Development, (703) 235-5520.

Table 10-24.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, and agricultural credit banks classified by type of loan, United States, Jan. 1, 1988–97 [1]

Year	Operating capital loans	Facility loans	Year	Operating capital loans	Facility loans
	1,000 dollars	*1,000 dollars*		*1,000 dollars*	*1,000 dollars*
1988	3,326,506	4,387,016	1993	7,478,199	6,474,582
1989	3,202,704	4,217,559	1994	7,393,147	6,143,719
1990	5,508,610	5,627,188	1995	7,003,776	8,200,439
1991	5,887,781	5,755,085	1996	9,119,835	9,128,364
1992	6,292,571	6,536,694	1997	7,332,313	10,657,055

[1] Includes Puerto Rico.

FCA, Accounting and Examination Policy Division, (703) 883–4073.

Table 10-25.—Rural Utilities Service: Annual revenues, expenses, and total plant reported by telecommunications borrowers, United States, 1987–96

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin [1]	Total telecommunications plant [2]
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	920	3,339,427	1,880,660	274,736	694,991	597,680	11,621,095
1988	913	3,598,291	2,004,638	276,539	751,206	690,583	12,071,384
1989	903	3,888,083	2,181,215	281,563	795,408	787,357	12,814,112
1990	897	4,181,185	2,382,942	288,101	834,967	846,903	13,755,550
1991	902	4,449,028	2,566,205	297,523	890,204	866,808	14,534,472
1992	899	4,743,431	2,694,074	300,704	933,275	979,650	15,479,297
1993	883	4,473,969	2,520,979	281,017	881,579	897,041	14,833,159
1994	873	4,536,723	3,438,889	278,339	903,270	974,483	15,325,810
1995	850	4,241,027	3,250,806	274,195	894,599	911,217	14,957,531
1996	833	4,526,886	3,500,478	265,316	999,251	1,007,048	16,250,592

[1] Includes other income and deductions (net) unregulated and extraordinary and delayed items.
[2] Investment in physical plant and related facilities.

RD, Planning and Policy Branch, (703) 235–5492.

Table 10-26.—Rural Utilities Service and Rural Telephone Bank: Advances to, and operating statistics of, telecommunications borrowers, United States, 1988–97

Year	Total advances as of Jan. 1 [1]		Operating statistics as of Jan. 1			Revenues for year ending Dec. 31
	RUS	RTB	Borrowers reporting	Employees	Total subscribers	
	1,000 dollars	*1,000 dollars*	*Number*	*Number*	*Number*	*1,000 dollars*
1988	4,541,547	1,627,263	920	27,975	5,004,558	3,598,291
1989	4,707,800	1,747,637	913	27,454	5,096,867	3,888,083
1990	4,864,684	1,835,519	903	27,617	5,276,450	4,181,185
1991	5,083,536	1,940,799	897	28,199	5,472,216	4,449,028
1992	5,252,444	2,101,684	902	28,207	5,834,602	4,743,431
1993	5,430,706	2,190,372	899	27,422	6,110,615	4,473,969
1994	5,638,920	2,294,834	883	25,072	5,598,764	4,536,723
1995	5,856,865	2,408,491	873	24,889	5,538,207	4,241,027
1996	6,021,357	2,481,501	850	23,163	5,107,097	4,526,886
1997	6,224,541	2,562,619	833	23,132	5,382,398	.....

[1] Cumulative from organization, Oct. 28, 1949. Actual funds advanced out of loans approved, as shown in table 10-27.

RD, Planning and Policy Branch, (703) 235–5492.

Table 10-27.—Rural Utilities Service and Rural Telephone Bank: Advances to, and operating statistics of, telecommunications borrowers, as of Jan. 1, 1997 and revenues for 1996, by States and Territories[1]

State and Territory	Total advances as of Jan. 1, 1997[2 3]		Operating statistics as of Jan. 1, 1997		Revenues for 12 months ending Dec. 31, 1996[4]
	RUS	RTB	Borrowers reporting	Total subscribers	
	1,000 dollars	*1,000 dollars*	*Number*	*Number*	*1,000 dollars*
Alabama	165,281	90,441	21	163,670	138,779
Alaska	147,686	74,834	12	124,755	143,975
Arizona	46,596	80,449	5	91,441	80,916
Arkansas	147,367	93,131	17	187,426	151,635
California	92,436	63,698	13	67,446	107,555
Colorado	59,270	24,058	14	30,255	28,098
Connecticut	0	0	0	0	0
Delaware	0	0	0	0	0
Florida	42,182	40,040	4	97,150	67,164
Georgia	303,822	167,708	24	396,125	342,198
Hawaii	0	0	0	0	0
Idaho	44,045	7,638	10	19,854	22,264
Illinois	80,682	23,676	20	48,520	49,894
Indiana	103,605	23,068	25	101,024	75,617
Iowa	132,807	41,338	70	92,557	82,895
Kansas	206,217	40,441	22	77,847	98,318
Kentucky	262,247	57,890	15	166,319	110,144
Louisiana	139,714	53,382	17	128,950	165,700
Maine	33,533	36,463	12	39,989	34,261
Maryland	2,061	4,080	1	5,812	4,722
Massachusetts	1,835	1,040	1	2,664	2,826
Michigan	100,332	69,548	23	117,818	96,474
Minnesota	290,263	101,143	62	355,076	249,251
Mississippi	101,485	15,272	15	76,760	71,216
Missouri	210,723	54,553	20	117,967	102,582
Montana	193,813	5,050	11	69,557	80,572
Nebraska	110,089	36,437	30	78,435	76,406
Nevada	7,603	10,891	3	10,019	7,377
New Hampshire	18,254	12,108	7	25,466	24,036
New Jersey	14,295	16,554	0	0	0
New Mexico	176,393	3,364	8	41,230	71,127
New York	51,255	47,760	26	141,074	104,123
North Carolina	202,887	124,646	17	348,225	210,519
North Dakota	207,202	13,918	11	60,202	55,356
Ohio	29,296	5,444	14	21,780	19,899
Oklahoma	222,563	153,080	28	147,695	151,746
Oregon	83,777	40,414	23	97,026	86,529
Pennsylvania	72,097	212,751	14	94,710	75,376
Rhode Island	0	0	0	0	0
South Carolina	198,183	188,530	15	307,743	207,265
South Dakota	199,478	18,522	18	60,023	53,326
Tennessee	339,613	71,407	21	301,074	185,457
Texas	503,619	131,254	37	252,073	268,594
Utah	31,738	7,247	6	24,973	26,819
Vermont	4,785	6,955	5	15,656	12,260
Virginia	68,939	27,323	11	64,310	45,507
Washington	43,127	25,966	14	45,703	45,454
West Virginia	61,585	17,896	6	35,140	32,683
Wisconsin	273,041	165,381	74	419,890	278,571
Wyoming	16,971	7,208	5	37,577	33,229
Micronesia	39,960	0	1	8,235	9,453
Guam	106,298	13,648	1	81,072	35,876
Marshall Islands	21,249	0	1	3,377	5,664
Northern Mariana Isl	11,212	34,973	1	19,744	34,306
Palau	19,607	0	1	2,732	5,120
Puerto Rico	115,677	0	0	0	0
Virgin Islands	65,743	0	1	58,232	57,749
United States	6,224,541	2,562,619	833	5,382,398	4,526,886

[1] Preliminary, except total advances. State totals represent data for borrowers incorporated within the State. [2] Actual funds advanced out of loans approved, as shown in table 10-28. [3] Cumulative. [4] Reported 833 borrowers.

RD, Planning and Policy Branch, (703) 235–5492.

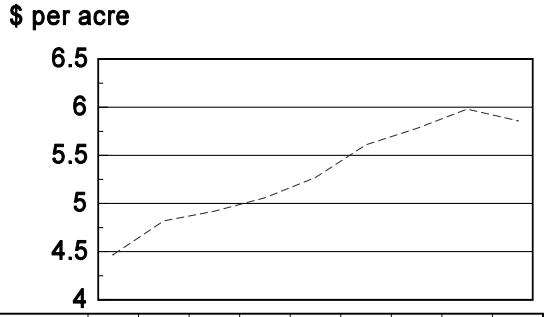
Table 10-28.—Rural Utilities Service and Rural Telephone Bank: Telecommunications financing approved, route miles of line, and number of subscribers, by States, from organization (Oct. 28, 1949) to Jan. 1, 1997 [1]

State	Total financing as of Jan. 1, 1997				Operating statistics for year 1996			
	Borrowers	RUS loans	RTB loans	RUS guarantee commitments	Rt. mi. of line provided for by financing (total)	Subscribers provided for by financing		
						Total	To receive initial service	To receive improved service
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Miles*	*Number*	*Number*	*Number*
Alabama	26	208,188	103,822	11,901	0	0	0	0
Alaska	12	161,885	108,774	34,013	0	0	0	0
Arizona	8	101,370	103,185	33,125	666	12,786	12,786	0
Arkansas	19	185,656	120,580	23,122	0	0	0	0
California	15	101,943	88,013	19,184	0	0	0	0
Colorado	19	69,391	29,071	102	0	0	0	0
Connecticut	0	0	0	0	0	0	0	0
Delaware	0	0	0	0	0	0	0	0
Florida	9	45,978	42,564	76,556	0	0	0	0
Georgia	27	362,466	213,969	88,912	0	0	0	0
Hawaii	0	0	0	0	0	0	0	0
Idaho	12	52,369	13,054	0	0	0	0	0
Illinois	26	85,363	29,221	0	1	51	51	0
Indiana	36	109,126	37,331	1,040	0	0	0	0
Iowa	87	151,917	66,182	8,361	3	23	23	0
Kansas	30	230,694	50,402	16,199	180	92	92	0
Kentucky	17	307,432	107,067	26,400	0	0	0	0
Louisiana	19	209,470	95,146	13,651	0	0	0	0
Maine	14	37,026	47,570	1,875	0	0	0	0
Maryland	1	2,061	4,080	0	0	0	0	0
Massachusetts	1	2,095	3,917	0	0	0	0	0
Michigan	31	114,783	93,255	2,953	76	943	943	0
Minnesota	69	373,316	138,689	22,392	135	631	631	0
Mississippi	17	111,223	18,699	5,200	0	0	0	0
Missouri	27	233,895	65,979	36,528	68	316	316	0
Montana	12	240,232	36,211	0	377	3,985	3,985	0
Nebraska	33	121,315	41,087	4,672	0	0	0	0
Nevada	4	12,598	12,292	0	0	0	0	0
New Hampshire	8	22,686	16,736	180	53	2,511	2,511	0
New Jersey	1	14,295	16,554	3,084	0	0	0	0
New Mexico	8	209,554	6,421	0	118	928	251	677
New York	29	60,557	58,119	18,877	0	0	0	0
North Carolina	21	206,483	155,117	19,512	0	0	0	0
North Dakota	13	239,360	22,690	0	51	36	36	0
Ohio	18	29,393	9,343	0	0	0	0	0
Oklahoma	31	267,181	181,336	38,021	804	3,941	3,042	899
Oregon	29	121,815	67,177	31,248	0	0	0	0
Pennsylvania	25	78,015	217,344	118,247	613	16,797	16,797	0
Rhode Island	0	0	0	0	0	0	0	0
South Carolina	18	215,047	255,829	119,857	48	623	623	0
South Dakota	19	270,997	25,868	0	381	2,214	2,214	0
Tennessee	22	394,362	93,647	23,366	12	6,435	6,435	0
Texas	61	602,561	184,800	63,838	3,787	3,923	1,759	2,164
Utah	7	41,004	7,493	0	0	0	0	0
Vermont	5	4,785	12,461	0	0	0	0	0
Virginia	14	79,823	41,307	3,337	0	0	0	0
Washington	20	44,801	33,226	11,571	0	0	0	0
West Virginia	7	72,244	20,376	5,250	0	0	0	0
Wisconsin	83	367,765	220,816	26,093	402	6,076	6,076	0
Wyoming	7	56,656	15,232	3,497	1,606	5,893	773	5,120
Micronesia	1	39,960	0	0	0	0	0	0
Guam	1	106,298	19,610	24,700	0	0	0	0
Marshall Islands	1	22,799	0	0	0	0	0	0
Northern Mariana Isl	1	11,212	46,833	48,646	0	0	0	0
Palau	1	39,143	0	0	0	0	0	0
Puerto Rico	2	115,677	0	0	0	0	0	0
Virgin Islands	1	88,785	13,167	0	91	4,670	4,670	0
United States	1,025	7,455,053	3,411,664	985,510	9,472	72,874	64,014	8,860

[1] State totals represent data for borrowers incorporated within the State.

RD, Planning and Policy Branch, (703) 235–5492.

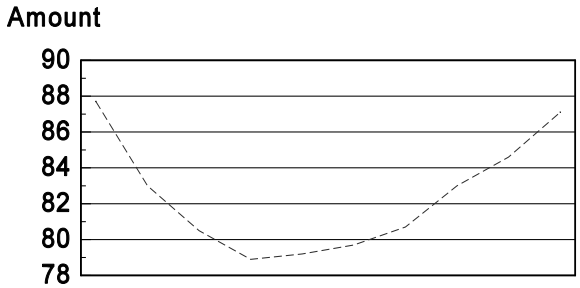
Farm Real Estate Taxes
Per Acre, 1986-94



Year	86	87	88	89	90	91	92	93	94
Taxes Levied--	4.47	4.82	4.92	5.06	5.27	5.61	5.78	5.98	5.86

ERS Table 10-01

Farm Real Estate Debt
Amount Outstanding by Farming Regions
1987-96



Year	87	88	89	90	91	92	93	94	95	96
Amount--	87.7	83.0	80.5	78.9	79.2	79.7	80.7	83.0	84.6	87.1

ERS Table 10-5

CHAPTER XI

STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, (CCC), 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 11-1.—Commodity Credit Corporation: Price support granted on 1995 crop, United States and Territories [1]

Commodity	Unit	Through Sept. 30, 1996 [2]	
		Quantity	Value
		Millions	*Million dollars*
Cotton, upland	Bale	3	876
Cotton, extra-long staple	Bale	*	5
Seed cotton, upland	Pound	5	3
Seed cotton, extra-long staple	Pound	0	0
Wheat	Bushel	114	295
Corn	Bushel	677	1,233
Honey	Pound	54	27
Milk and butterfat:			
Butter	Pound	0	0
Cheese	Pound	0	0
Dried milk	Pound	0	0
Tobacco	Pound	12	25
Rice, rough	Cwt	101	649
Grain sorghum	Bushel	7	13
Peanuts, farmers' stock	Pound	819	256
Oats	Bushel	1	1
Barley	Bushel	18	27
Beans, dry edible	Pound	0	0
Rye	Bushel	*	*
Soybeans and others [3]	Bushel,Cwt	183	900
Sugar:			
Beets	Pound	3,805	795
Cane	Pound	1,000	170
Special purchase programs		0	0
Total		6,799	5,275

[1] Represents loans made. [2] Reflects status of 1995 crop year for the FY 1996 reporting period on 1995 crop. [3] Includes flaxseed (cwt), sunflower seed (cwt), canola seed (cwt), safflower seed (cwt) and mustard seed (cwt). [4] Less than $500,000.

FSA, Financial Management Division, (703) 305–1273.

Table 11-2.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1987–96 [1] (Inventory quantity)

Year	Barley	Butter and butter oil	Cheese	Corn	Cotton upland	Sorghum grain	Nonfat dry milk	Oils and oilseeds
	Million bushels	*Million pounds*	*Million pounds*	*Million bushels*	*1,000 bales*	*Million bushels*	*Million pounds*	
1987	84	230	474	1,843	(6) 33	538	455	0
1988	38	234	123	679	5	454	123	0
1989	38	381	46	676	79	342	32	0
1990	12	380	2	214	16	158	66	0
1991	7	566	28	265	1	43	283	(2)
1992	5	628	15	125	(6) 7	8	(7) 62	(2)
1993	5	564	(3)	54	(6) 146	3	25	(2)
1994	5	111	0	44	(6) 90	1	44	(2)
1995	5	(3)	0	42	(8)	1	25	(2)
1996	(3)	0	0	30	(8)	0	(3)	0

Year	Oats	Rice [4]	Rye	Soybeans	Honey	Wheat	Value of all commodities owned [5]
	Million bushels	*Million cwt.*	*Million bushels*	*Million bushels*	*Million pounds*	*Million bushels*	*Million dollars*
1987	3	8	18	212	0	883	12,331
1988	2	(2)	(2)	(2)	0	305	4,856
1989	1	4	5	1	0	161	4,018
1990	1	(3)	1	0	17	145	2,106
1991	(3)	(3)	0	(3)	9	161	2,375
1992	(3)	1	(2)	0	(3)	165	1,719
1993	(2)	(2)	0	(3)	4	168	833
1994	0	(2)	0	(3)	13	144	715
1995	0	(2)	0	(2)	1	141	654
1996	0	0	0	0	0	96	435

[1] Commodities which were owned by CCC in some years but not shown in this table are as follows: blended foods, cottonseed and products, naval stores, wheat products, corn products, oat products, rice products, vegetable oil, mixed feed, linseed oil, evaporated milk, meat, tallow, egg mix-dry, foundation seeds, peanut products, and sugar. [2] Less than 50,000 units. [3] Less than 500,000 units. [4] Rough basis; includes milled rice in rough equivalent. [5] 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, less reserve for losses on inventory. [6] Includes extra long staple, cotton. [7] Includes infant formula. [8] Less than 500 units.

FSA, Financial Management Division, (703) 305–1273.

Table 11-3.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1990–95 [1]

Commodity	Unit	1990		1991	
		Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		*1,000 dollars*
Barley	1,000 bushels	33,826	38,034	27,391	32,976
Corn	1,000 bushels	1,071,040	1,616,948	26,636	45,609
Cotton	1,000 bales	3,216	757,558	(a)	5,216
Seed cotton upland	1,000 pounds	13,853	6,667	1,528	782
Sugar Cane and Beet	1,000 pounds	5,987,213	1,173,189	12,900	2,644
Flaxseed	1,000 Cwt	0	0	86	777
Honey	1,000 pounds	183,290	97,185	61,821	33,259
Oats	1,000 bushels	1,599	1,196	1,275	977
Peanuts	1,000 Pounds	598,729	86,912	222,935	53,382
Rice	1,000 cwt	143,676	915,554	29,625	195,334
Rye	1,000 bushels	227	278	70	89
Sorghum grain	1,000 bushels	21,567	30,623	2,933	4,756
Soybeans	1,000 bushels	241,480	1,061,049	1,955	9,775
Storage facility and equipment		0	0	0	0
Tobacco	1,000 pounds	74,341	138,330	0	54,218
Wheat	1,000 bushels	405,141	465,664	114,091	227,001
Sunflower Seed	1,000 cwt	0	0	0	104
Canola Seed	1,000 Cwt	0	0	0	0

Commodity	Unit	1992		1993	
		Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		*1,000 dollars*
Barley	1,000 bushels	23,805	31,136	118,328	24,247
Corn	1,000 bushels	15,245	28,947	13,697	26,052
Cotton [3]	1,000 bales	139	35,459	211	53,863
Seed cotton	1,000 pounds	0	0	60	31
Sugar Cane and Beet	1,000 pounds	50,150	9,619	43,000	9,350
Flaxseed	1,000 Cwt	6	51	5	41
Honey	1,000 pounds	67,436	36,281	77,381	41,628
Oats	1,000bushels	1,778	1,508	1,100	951
Peanuts	1,000 Pounds	61,599	12,981	25,547	3,614
Rice	1,000 cwt	29,922	199,534	8,219	53,455
Rye	1,000 bushels	86	119	69	92
Sorghum grain	1,000 bushels	6,933	11,761	4,269	7,417
Soybeans	1,000 bushels	555	2,808	221	1,106
Storage facility and equipment		0	0	0	0
Tobacco	1,000 pounds	133,126	129,041	100,857	171,96
Wheat	1,000 bushels	139,990	300,922	169,914	413,597
Sunflower Seed	1,000 cwt	0	0	973	8,665
Canola Seed	1,000 Cwt	8	73	2	16

Commodity	Unit	1994		1995 [2]	
		Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		*1,000 dollars*
Barley	1,000 bushels	18,122	26,709	17,953	26,697
Corn	1,000 bushels	26,318	53,474	677,115	1,232,669
Cotton [3]	1,000 bales	111	27,149	3,495	880,572
Seed cotton	1,000 pounds	0	0	5,137	2,662
Sugar Cane and Beet	1,000 pounds	95,300	20,475	4,805,154	965,070
Flaxseed	1,000 Cwt	19	168	29	256
Honey	1,000 pounds	39,652	19,827	54,427	27,211
Oats	1,000bushels	1,202	1,126	704	673
Peanuts	1,000 Pounds	111,104	35,579	819,032	255,629
Rice	1,000 cwt	42,118	280,983	100,992	649,003
Rye	1,000 bushels	64	102	102	159
Sorghum grain	1,000 bushels	6,536	12,148	7,248	12,856
Soybeans	1,000 bushels	297	1,589	182,027	889,582
Storage facility and equipment		0	0	0	0
Tobacco	1,000 pounds	90,815	157,360	12,255	24,601
Wheat	1,000 bushels	163,320	419,022	114,182	294,851
Sunflower Seed	1,000 cwt	0	0	1,130	9,717
Canola Seed	1,000 Cwt	17	148	95	880
Safflower Seed	1,000 Cwt			8	57

[1] Includes loans made directly by Commodity Credit Corporation. [2] Loans through Sept. 30, 1996. [3] Includes extra long staple cotton and upland cotton

FSA, Financial Management Division, (703) 305–1273.

Table 11-4.—Commodity Credit Corporation: Loan transactions for fiscal year 1996, by commodities[1]

Commodity	Unit	Loans outstanding Oct. 1, 1995[2]	New loans made	Repayments	Collateral acquired in settlement	Loans written off[3]	Loans outstanding Sept. 30, 1996	
							Value[2]	Quantity collateral remaining pledged
		1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 units*
Basic commodities:								
Corn	Bushel	452,433	1,207,403	1,619,745	0	13,705	26,386	15,447
Cotton	Bale	1,804	911,002	864,915	79	(83)	47,894	193
Seed cotton	Pound	0	2,662	2,662	0	0	0	0
Peanuts	Ton	30,893	229,110	119,826	3	139,289	885	11,291
Rice	Cwt	201,261	519,173	647,066	110	527	72,731	11,026
Tobacco[4]	Pound	1,295,245	27,321	495,367	0	0	827,199	317,826
Wheat	Bushel	216,609	337,082	310,513	0	1,423	241,754	93,549
Total		2,198,245	3,233,753	4,060,094	192	154,861	1,216,849	449,332
Designated nonbasic commodities:								
Barley	Bushel	20,246	26,504	30,187	0	223	16,340	11,144
Sorghum	Bushel	9,930	10,121	19,575	0	124	352	224
Honey	Pound	15,310	11,409	21,975	0	3,155	1,589	3,177
Oats	Bushel	752	850	920	0	28	655	677
Rye	Bushel	130	54	179	0	5	1	0
Sugar, beet	Pound	31,993	784,485	816,479	0	0	0	0
Sugar, cane	Pound	753	169,779	170,532	0	0	0	0
Sunflower seed	Cwt	706	7,763	7,484	0	97	888	133
Flaxseed	Cwt	220	256	380	0	89	7	1
Canola seed	Cwt	94	937	821	0	0	210	23
Safflower seed	Cwt	0	62	57	0	0	5	1
Mustard seed	Cwt	0	0	0	0	0	0	0
Sunflower seed, non oil.	Cwt	386	1,954	2,196	0	0	144	15
Total		80,520	1,014,174	1,070,785	0	3,721	20,191	15,395
Other nonbasic commodities:								
Soybeans	Bushel	89,737	889,481	957,101	1	4,689	17,426	3,859
Total		89,737	889,481	957,101	1	4,689	17,426	3,859
Other loans:								
Storage facility and equipment[5].								
Total		0	0	0	0	0	0	0
Adjustment for lag activity[6].		0	0	0	0	0	0	0
Grand total[7]		2,368,502	5,137,411	6,087,982	193	163,271	1,254,466	468,586

[1] Loans made directly by Commodity Credit Corporation. [2] Book value of outstanding loans; includes face amounts and any charges paid. [3] Includes transfers to accounts receivable. [4] Charge offs represent pre-No Net Cost Tobacco loans - 1981 and prior crop loans. [5] This program was closed out during FY 1993. [6] Represents current year activity not processed during regular operation cycle. [7] Table may not add due to rounding.

FSA, Financial Management Division, (703) 305–1273.

Table 11-5.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1996

Program and commodity	Quantity					
	Unit	Inventory Oct. 1, 1995	Purchases	Collateral acquired from loans	Sales [1]	Inventory Sept. 30, 1996
		Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Feed grains:.						
Barley	Bushel	4,818	0	0	4,722	96
Corn	Bushel	42,493	11,689	0	23,730	30,451
Corn products	Pound	4,304	112,796	0	117,101	0
Grain sorghum	Bushel	721	4,392	0	9,105	(3,993)
Sorghum grits	Pound	0	29,746	0	29,746	0
Oats	Bushel	0	0	0	0	0
Oats, rolled	Pound	0	0	0	0	0
Rye	Bushel	0	0	0	0	0
Total feed grains		xxx	xxx	xxx	xxx	xxx
Wheat (A)	Bushel	141,626	33,130	0	65,280	109,476
Wheat flour	Pound	31,538	341,634	0	373,172	0
Wheat products, other	Pound	8,503	398,191	0	406,694	0
Rice, milled	Cwt	180	1,397	0	1,578	0
Rice, rough	Cwt	10	3	17	29	0
Rice, brown	Pound	0	0	0	0	0
Rice, cereal	Pound	0	0	0	0	0
Cotton, extra long staple	Bale	0	0	0	0	0
Upland Cotton	Bale	0	0	0	0	0
Dairy products:						
Butter	Pound	5,301	0	0	5,262	38
Butter oil	Pound	0	0	0	0	0
Cheese	Pound	0	0	0	0	0
Milk, dried	Pound	34,450	9,935	0	42,270	2,115
Milk UHT	Pound	0	0	0	0	0
Infant formula	Pound	0	764	0	764	0
Evaporated milk	Pound	0	0	0	0	0
Total dairy products		xxx	xxx	xxx	xxx	xxx
Oils and oilseeds:						
Sunflower seed	Cwt.	0	0	0	0	0
Sunflower seed, non-oil	Cwt.	0	0	0	0	0
Sunflower seed oil, processed	Cwt.	0	147	0	147	0
Peanuts, farmers' stock	Pound	0	0	8	8	0
Peanut products	Pound	0	0	0	0	0
Peanut butter	Pound	0	0	0	0	0
Soybeans	Bushel	0	1,099	0	1,100	0
Soybean meal	Pound	0	86,965	0	86,965	0
Flaxseed	Cwt.	5	0	0	5	0
Totals oils and oilseeds		xxx	xxx	xxx	xxx	xxx
Blended foods	Pound	28,478	438,249	0	466,726	0
Grains and seeds:						
Feed for Government facilities	Cwt	0	0	0	0	0
Foundation seeds	Pound	0	0	0	0	0
Total grains and seeds		xxx	xxx	xxx	xxx	xxx
Peas, dry whole	Pound	21,678	162,025	0	183,703	0
Honey	Pound	1,133	0	0	1,133	0
Denatured alcohol	Gallon	0	0	0	0	0
Sugar, cane and beet	Pound	0	0	0	0	0
Vegetable oil products	Pound	2,714	295,564	0	298,279	0
Egg mix, dry	Pound	0	0	0	0	0
Other (B)		42	1,459	0	1,501	0
Total inventory operations		xxx	xxx	xxx	xxx	xxx
Additional Adjustment for lag activity		0	0	0	0	0

See footnotes at end of table.

Table 11-5.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1996—Continued

Program and commodity	Value					
	Unit	Inventory Oct. 1, 1995	Purchases	Collateral acquired from loans	Sales [1]	Inventory Sept. 30, 1996
		1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Feed grains:.						
Barley	Bushel	9,072	0	0	8,900	172
Corn	Bushel	105,214	43,827	0	73,834	75,208
Corn products	Pound	505	14,429	0	14,934	0
Grain sorghum	Bushel	1,642	14,379	0	15,990	31
Sorghum grits	Pound	0	4,096	0	4,096	0
Oats	Bushel	0	0	0	0	0
Oats, rolled	Pound	0	0	0	0	0
Rye	Bushel	0	0	0	0	0
Total feed grains		116,433	76,732	0	117,754	75,411
Wheat (A)	Bushel	528,122	182,623	0	303,236	407,510
Wheat flour	Pound	4,187	47,478	0	51,666	0
Wheat products, other	Pound	939	48,502	0	49,442	0
Rice, milled	Cwt	2,589	21,993	0	24,582	0
Rice, rough	Cwt	56	1	94	151	0
Rice, brown	Pound	0	0	0	0	0
Rice, cereal	Pound	0	0	0	0	0
Cotton, extra long staple	Bale	0	0	3	3	0
Upland Cotton	Bale	52	0	81	72	61
Dairy products:						
Butter	Pound	3,916	0	0	3,885	31
Butter oil	Pound	0	0	0	0	0
Cheese	Pound	0	0	0	0	0
Milk, dried	Pound	34,915	13,546	0	46,186	2,275
Milk UHT	Pound	0	0	0	0	0
Infant formula	Pound	0	1,820	0	1,820	0
Evaporated milk	Pound	0	0	0	0	0
Total dairy products		38,831	15,366	0	51,891	2,306
Oils and oilseeds:						
Sunflower seed	Cwt.	0	0	0	0	0
Sunflower seed, non-oil	Cwt.	0	0	0	0	0
Sunflower seed oil, processed	Cwt.	0	4,122	0	4,122	0
Peanuts, farmers' stock	Pound	0	0	3	3	0
Peanut products	Pound	0	0	0	0	0
Peanut butter	Pound	0	0	0	0	0
Soybeans	Bushel	1	7,424	1	7,426	0
Soybean meal	Pound	0	9,099	0	9,099	0
Flaxseed	Cwt.	47	0	1	48	0
Totals oils and oilseeds		49	20,645	5	20,698	0
Blended foods	Pound	3,915	66,673	0	70,588	0
Grains and seeds:						
Feed for Government facilities	Cwt	0	0	0	0	0
Foundation seeds	Pound	0	0	0	0	0
Total grains and seeds		0	0	0	0	0
Peas, dry whole	Pound	3,669	26,509	0	30,178	0
Honey	Pound	642	0	4	646	0
Denatured alcohol	Gallon	0	0	0	0	0
Sugar, cane and beet	Pound	0	0	0	0	0
Vegetable oil products	Pound	1,018	111,556	0	112,574	0
Egg mix, dry	Pound	0	0	0	0	0
Other (B)		1,020	17,745	0	18,765	0
Total inventory operations		701,523	635,823	186	852,244	485,288
Additional Adjustment for lag activity		0	0	0	0	0
		701,523	635,823	186	852,244	485,288

[1] Sales reflect commodity donations, transfers to other government agencies and inventory adjustment.
(A) Excludes wheat set aside for Food Security Wheat Reserve (FSWR).
(B) Includes beans, dry edible and baby food, glass jar, nutritional powder beverage.
Table may not add due to rounding.

FSA, Financial Management Division, (703) 305–1273.

Table 11-6.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1996 [1]

(In Thousands)

Commodity	Domestic				
	Dollar sales	Government transfers to other agencies	Donations [1]	Inventory adjustments and other recoveries (domestic)	Total domestic
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Feed grains:					
Barley	8,826	0	58	0	8,884
Corn	28,705	361	0	4	29,070
Corn products	0	0	(1)	32	31
Grain sorghum	1,610	0	0	1	1,611
Sorghum grits	0	0	0	7	7
Oats	0	0	0	0	0
Oats, rolled	0	0	0	0	0
Wheat	120,048	0	0	8	120,056
Wheat flour	0	0	0	3	3
Wheat products, other	0	0	0	8	8
Rice, milled	0	0	0	3	3
Rice, rough	151	0	0	0	151
Rice, brown and textured soy	0	0	0	0	0
Cotton, extra long staple and upland	71	0	3	0	74
Rye	0	0	0	0	0
Dairy products:					
Butter oil	151	0	(16)	0	135
Butter	215	10	3,949	4	4,178
Cheese	0	0	0	0	0
Milk evaporated infant formula	0	0	0	0	0
Milk, dried	9,238	14,685	5,998	263	30,184
Oils and oilseeds:.					
Peanut products	0	0	0	0	0
Peanut butter	0	0	0	0	0
Peanuts, farmer's stock	3	0	0	0	3
Soya flour	0	0	0	0	0
Flaxseed	48	0	0	0	48
Sunflower Seed (oil & non-oil)	0	0	0	0	0
Soybeans	21	0	0	0	21
Nutritional Powdered Beverage	0	0	0	0	0
Blended foods	26	0	0	126	152
Dry Vegetable Burger	0	0	0	0	0
Grains and seeds:.					
Feed for Govenment facilities	0	0	0	0	0
Foundation seeds	0	0	0	0	0
Peas dried whole	0	0	0	4	4
Dry edible beans	0	0	0	2	2
Honey	373	0	271	1	645
Sugar	0	0	0	0	0
Vegetable oil products	0	0	0	14	14
Meat	0	0	0	0	0
Poultry, frozen chicken	0	0	0	0	0
Baby food, glass jar	0	0	0	0	0
Lumber	0	0	0	0	0
Adjustments for lag activity [4]	0	0	0	0	0
Other (Rice Cereal, Egg Mix, Other	0	0	0	0	0
Total [2]	169,486	15,056	10,262	480	195,284

See footnotes at end of table.

Table 11-6.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1996 [1]—Continued

(In Thousands)

Commodity	Export		Total export and domestic
	Public law 480 Title II/III	Total export [3]	
	1,000 dollars	*1,000 dollars*	*1,000 dollars*
Barley	0	0	8,884
Corn	40,617	45,817	74,887
Corn products	14,624	14,902	14,933
Grain sorghum	14,777	14,777	16,388
Sorghum grits	4,089	4,089	4,096
Oats	0	0	0
Oats, rolled	0	0	0
Wheat	131,760	184,097	304,153
Wheat flour	42,838	51,663	51,666
Wheat products, other	49,314	49,434	49,442
Rice, milled	17,776	24,579	24,582
Rice, rough	0	0	151
Rice, brown and textured soy	0	0	0
Cotton, extra long staple and upland	0	0	74
Rye	0	0	0
Dairy products:			
Butter oil	0	(135)	0
Butter	0	0	4,178
Cheese	0	0	0
Milk evaporated infant formula	0	1,820	1,820
Milk, dried	0	18,603	48,787
Oils and oilseeds:.			
Peanut products	0	0	0
Peanut butter	0	0	0
Peanuts, farmer's stock	0	0	3
Soya flour	0	0	0
Flaxseed	0	0	48
Sunflower Seed (oil & non-oil)	4,122	4,122	4,122
Soybeans	1,145	16,504	16,525
Nutritional Powdered Beverage	0	582	582
Blended foods	70,437	70,437	70,589
Dry Vegetable Burger	0	0	0
Grains and seeds:.			
Feed for Govenment facilities	0	0	0
Foundation seeds	0	0	0
Peas dried whole	29,565	30,175	30,179
Dry edible beans	13,815	18,181	18,183
Honey	0	0	645
Sugar	0	0	0
Vegetable oil products	91,706	112,560	112,574
Meat	0	0	0
Poultry, frozen chicken	0	0	0
Baby food, glass jar	0	(1)	(1)
Lumber	0	0	0
Adjustments for lag activity [4]	0	0	0
Other (Rice Cereal, Egg Mix, Other	0	0	0
Total [2]	526,585	662,206	857,490

[1] Includes donations under section 202,407,416, Section 210, P.L. 85-540 and miscellaneous donations under various other authorizations. [2] Totals may not add due to rounding. [3] Includes Sales, PL 480 Titles I, II and III, Transfers to Other Agencies and Donations. [4] Represents current year activity not processed during regular operation cycle.

FSA, Financial Management Division, (703) 305–1273.

Table 11-7.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1986–95[1] (Loans quantity)

Year[2]	Barley	Corn	Cotton[3]	Sorghum grain	Oats	Honey
	Million bushels	*Million bushels*	*1,000 bales*	*Million bushels*	*Million bushels*	
1986	(4)	(4)	(4)	(4)	(4)	0
1987	(4)	(4)	(4)	(4)	(4)	(4)
1988	(4)	(4)	(4)	(4)	(4)	0
1989	(4)	(4)	(4)	(4)	(4)	(4)
1990	(4)	5	(4)	(4)	(4)	(4)
1991	26	678	37	12	1	63
1992	30	1,021	14,316	30	2	76
1993	.....					
1994	.....					
1995	.....					

Year[2]	Sunflower Seed	Canola Seed	Safflower Seed	Mustard Seed	Sugar Beet and Cane	Sunflower Seed Non-Oil
1986	0	0	0	0	0	0
1987	0	0	0	0	0	0
1988	0	0	0	0	0	0
1989	0	0	0	0	0	0
1990	0	0	0	0	0	0
1991	1	(4)	(4)	(4)	1,583	1
1992	1	(4)	(4)	(4)	2,261	(4)
1993	.....					
1994	.....					
1995	.....					

Year[2]	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding[5]
	Million pounds	*Million cwt.*	*Million bushels*	*Million bushels*	*Million pounds*	*Million bushels*	*Million dollars*
1986	0	0	0	0	21	(4)	21
1987	0	0	0	(4)	27	(4)	27
1988	0	0	0	(4)	10	(4)	10
1989	0	0	(4)	(4)	11	(4)	11
1990	0	0	0	(4)	26	124	155
1991	955	79	(4)	124	4	84	3,648
1992	377	99	(4)	153	242	201	6,285
1993	.....						
1994	.....						
1995	.....						

[1] 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. [2] Not necessarily from the crop of the year shown; may include quantities under reseal from crop of previous years. [3] Includes extra-long staple. [4] Less than 500,000 units. [5] Value of all commodities outstanding under loan, including those not shown.

FSA, Financial Management Division, (703) 305–1273.

Table 11-8.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1987–96 [1]

Date	Inventory after revaluation	Loans held CCC	Total loans outstanding	Total investment
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
1987:				
March	14,674.2	21,513.3	21,513.3	36,187.5
June	(2)	(2)	(2)	(2)
September	11,734.9	15,108.4	15,108.4	26,843.3
December	12,331.5	17,269.6	17,269.6	29,601.1
1988:				
March	10,499.5	16,463.1	16,463.1	26,962.7
June	8,174.5	12,185.4	12,185.4	20,359.9
1989:				
March	4,531.5	10,708.9	10,708.9	15,240.4
June	4,349.8	8,287.5	8,287.5	12,637.3
1990:				
March	3,223.4	6,205.9	6,205.9	9,429.3
June	2,558.3	4,157.6	4,157.6	6,715.9
1991:				
March	2,375.1	4,930.5	4,930.5	7,305.6
June	3,168.2	3,267.1	3,267.1	6,435.3
1992:				
March	2,167.0	5,045.0	5,045.0	7,212.0
June	2,047.0	2,944.2	2,944.2	4,991.2
1993:				
March	1,688.2	6,104.7	6,104.7	7,792.9
June	1,606.1	4,564	4,564	6,170.1
1994:				
March	1,281.3	4,263.2	4,263.2	5,544.5
June	1,211.6	3,048.1	3,048.1	4,259.6
1995:				
March	774.2	7,624.1	7,624.1	8,398.3
June	705.1	4,969.6	4,969.6	5,674.7
1996:				
March	649.6	3,715.1	3,715.1	4,364.7
June	574.6	2,177.9	2,177.9	2,752.5

[1] Reflects total CCC loans and inventories. [2] No data available.

FSA, Financial Management Division, (703) 305–1273.

Table 11-9.—Farm Service Agency programs: Payments to producers, by program and commodity, United States, calendar years 1992–96

Program and commodity	1992	1993	1994	1995	1996
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Production flexibility	0	0	0	0	5,973,002
Feed grains deficiency/diversion	2,499,273	4,844,009	1,446,939	3,023,945	(384,393)
Wheat definciency	1,402,688	1,904,791	1,155,840	587,194	(473,223)
Rice definciency	512,300	707,573	337,077	784,459	174,795
Cotton (upland and ELS) deficiency	751,177	1,225,618	826,377	29,688	(104,884)
Wool and mohair	188,082	173,249	201,947	98,255	55,689
Loan deficiency	287,716	519,670	91,348	5,475	(11)
Dairy indemnity	206	222	181	38	235
Milk diversion	0	0	(1)	0	0
Dairy termination	168	0	(12)	(6)	0
Milk Marketing Fee	23,150	0	80,242	72,989	82,057
Disaster	1,248,435	1,522,699	1,574,966	596,181	3,926
Emergency feed/livestock assistance	79,853	67,351	94,447	63,479	84,508
Disaster reserve assist.prgm (livestock)	0	0	0	0	8,094
Producer storage	10,842	11,895	9,095	20,503	24
Conservation reserve	1,696,465	1,755,126	1,738,607	1,728,597	1,667,984
Agricultural conservation	174,999	172,855	189,866	130,889	93,435
Rural clean water program	792	301	205	212	62
Colorado river salinity	5,926	9,131	7,332	993	0
Forestry incentive	11,554	12,286	11,956	7,535	0
Emergency conservation	14,324	25,088	32,379	24,932	24,924
Waterbank	9,911	10,739	10,893	10,625	0
Environ. quality incentives prgm. (EQIP)	0	0	0	0	18,153
Options pilot program	0	10,895	15,827	12,129	143
Potato diversion program	0	6,132	0	0	0
Market Gains	239,018	408,537	34,506	43,458	(158)
Noninsured assistance program (NAP)	0	0	0	0	41,786
Karnal bunt fungus	0	0	0	0	9,628
Other [1]	908	7,328	3,170	1,669	(1,120)
Grand Total	9,157,787	13,395,495	7,863,186	7,243,241	7,274,656

[1] Includes Wetlands Reserve Program, Arkansas Beaver Lake Program, animal waste, naval stores, clean lakes, interest penalty, pik storage, and interest on CCC-6s.

FSA Budget/Corporate Programs Branch, (202) 720–5148.

Table 11-10.—Farm Service Agency programs: Payments received, by States, 1995 and 1996

1995					
State	Payments	State	Payments	State	Payments
AL	53,432	MD	15,142	RI	317
AK	1,735	MA	2,457	SC	33,770
AZ	9,456	MI	150,997	SD	244,044
AR	383,198	MN	467,601	TN	47,330
CA	237,670	MS	129,159	TX	639,219
CO	165,935	MO	255,971	UT	24,495
CT	2,382	MT	188,834	VT	4,326
DE	3,109	NE	506,219	VA	25,390
FL	55,045	NV	4,264	WA	115,831
GA	66,393	NH	1,183	WV	5,235
HI	947	NJ	5,491	WI	183,832
ID	89,449	NM	54,326	WY	30,484
IL	543,703	NY	43,481	PR	2,084
IN	245,968	NC	40,151	VI	63
IA	784,662	MD	295,420	GU	19
KS	420,664	OH	167,236	MI	41
KY	67,358	OK	163,682	AS	0
LA	157,128	OR	51,774		
ME	14,081	PA	41,055	Total [1]	7,243,241

1996					
State	Payments	State	Payments	State	Payments
AL	75,476	MD	17,638	RI	156
AK	1,258	MA	1,547	SC	42,865
AZ	57,283	MI	109,571	SD	228,911
AR	361,872	MN	348,706	TN	79,793
CA	293,741	MS	184,901	TX	763,043
CO	174,987	MO	289,227	UT	20,986
CT	1,792	MT	240,145	VT	4,012
DE	4,889	NE	388,162	VA	30,377
FL	22,648	NV	2,605	WA	155,304
GA	114,452	NH	1,094	WV	4,537
HI	580	NJ	3,250	WI	156,789
ID	115,773	NM	58,515	WY	23,820
IL	386,693	NY	43,277	PR	413
IN	213,633	NC	75,628	VI	433
IA	501,668	MD	352,930	GU	0
KS	554,079	OH	163,079	MI	8
KY	74,666	OK	236,069	AS	0
LA	176,435	OR	73,202		
ME	4,638	PA	37,100	Total [1]	7,274,656

[1] Total may not add due to rounding.

FSA, Budget, Corporate Programs Branch, (202) 720–5148.

Table 11-11.—Commodity Credit Corporation: Loans made in fiscal year 1996 for crop year 1995, by States and Territories [1]

State or Territory	Barley	Corn	Cotton	Sorghum	Peanuts	Tobacco	Wheat	Honey
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollar s*	*1,000 dollars*	*1,000 dollars*
AL	0	541	11,145	7	48	0	233	203
AK	48	0	0	0	0	0	0	0
AZ	0	1,910	38,255	0	0	0	0	505
AR	0	710	98,485	241	0	0	5,751	819
CA	607	591	132,732	0	0	0	73	4,364
CO	565	12,104	0	46	0	0	11,433	297
CT	0	232	0	0	0	0	0	0
DE	0	572	0	0	0	0	0	0
FL	0	132	0	0	894	0	0	2,276
GA	14	2,376	3,783	21	147,919	0	235	297
HI	0	0	0	0	0	0	0	0
ID	4,374	184	0	0	0	0	19,402	3,663
IL	0	141,713	0	130	0	0	2,220	12
IN	0	97,564	0	210	0	0	482	2
IA	0	275,300	0	17	0	0	0	2,328
KS	0	9,128	33	2,414	0	0	13,819	232
KY	0	14,482	0	45	0	0	719	0
LA	0	29	124,780	0	0	0	0	187
ME	0	0	0	0	0	0	0	17
MD	57	5,773	0	0	0	0	406	0
MA	0	109	0	0	0	0	0	0
MI	27	40,436	0	0	0	0	932	613
MN	4,980	271,403	0	555	0	0	31,317	685
MS	0	604	200,037	5	0	0	65	189
MO	0	11,826	10,686	1,660	0	0	1,565	27
MT	5,371	0	0	0	0	0	50,443	1,362
NE	14	134,624	0	2,165	0	0	8,893	667
NV	0	0	0	0	0	0	0	7
NH	0	0	0	0	0	0	.....	0
NJ	0	1,565	0	0	0	0	0	10
NM	0	573	4,594	38	967	0	99	20
NY	39	19,440	0	0	0	0	3,871	544
NC	64	7,744	4,965	0	1	0	623	11
ND	9,040	7,088	0	0	0	0	67,727	2,303
OH	2	46,098	0	10	0	0	774	21
OK	0	323	4,150	321	0	0	7,797	7
OR	173	21	0	0	0	0	5,489	571
PA	26	7,424	0	7	0	0	360	108
RI	0	0	0	0	0	0	0	0
SC	4	2,163	575	24	0	0	391	0
SD	378	32,769	0	119	0	0	25,172	1,871
TN	0	7,189	90,339	27	0	0	445	5
TX	0	24,583	155,400	4,768	53,754	0	3,004	1,611
UT	240	121	0	0	0	0	2,321	121
VT	0	125	0	0	0	0	0	8
VA	163	3,897	610	24	52,046	0	515	16
WA	502	410	0	0	0	0	26,966	701
WV	0	991	0	0	0	0	0	0
WI	11	47,604	0	0	0	0	346	512
WY	0	195	0	0	0	0	960	22
Total	26,697	1,232,669	880,572	12,856	255,629	0	294,851	27,211

See footnotes at end of table.

Table 11-11.—Commodity Credit Corporation: Loans made in fiscal year 1996 for crop year 1995, by States and Territories [1]—Continued

State or Territory	Soybeans	Rice	Sugar	Seed Cotton	Oats	Rye	Seeds	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*
AL	735	0	0	0	2	19	0	12,933
AK	0	0	0	0	0	0	0	48
AZ	0	0	0	0	0	0	0	40,671
AR	28,699	318,432	0	0	0	0	0	453,136
CA	0	175,065	62,242	0	0	0	0	375,675
CO	42	0	164,640	0	0	0	82	189,209
CT	0	0	0	0	0	0	0	232
DE	239	0	0	0	0	0	0	811
FL	26	0	104,738	0	2	0	0	108,069
GA	919	0	0	2,207	2	0	4	157,777
HI	0	0	0	0	0	0	0	0
ID	0	0	0	0	34	0	32	27,689
IL	129,806	0	0	0	0	0	1	273,882
IN	77,290	0	0	0	0	0	0	175,548
IA	190,191	0	0	0	5	0	0	467,842
KS	8,712	0	0	0	0	0	87	34,425
KY	13,630	0	0	.....	0	0	0	28,876
LA	325	36,173	55,250	0	0	0	0	216,746
ME	0	0	0	0	32	1	0	50
MD	2,633	0	0	0	0	0	0	8,869
MA	0	0	.....	0	0	0	0	109
MI	15,406	0	64,596	0	12	0	0	122,022
MN	214,779	0	146,080	0	117	19	1,608	671,542
MS	7,438	53,878	0	0	3	0	0	262,220
MO	37,377	7,371	0	0	0	0	7	70,519
MT	0	0	0	0	11	0	313	57,501
NE	27,070	0	0	0	6	0	73	173,513
NV	0	0	0	0	0	0	0	7
NH	0	0	0	0	0	0	0	0
NJ	840	0	0	0	0	0	0	2,415
NM	0	0	0	0	0	0	0	6,291
NY	3,689	0	0	0	92	0	0	27,674
NC	6,669	0	0	152	0	0	0	20,230
ND	7,761	0	19,662	0	69	29	5,164	118,842
OH	48,682	0	0	0	4	0	0	95,591
OK	655	0	0	0	0	1	0	13,254
OR	0	0	0	0	4	0	0	6,257
PA	2,120	0	0	0	82	0	0	10,128
RI	0	0	0	0	0	0	0	0
SC	2,783	0	0	44	0	0	0	5,985
SD	36,902	0	0	0	169	91	3,310	100,780
TN	6,347	39	.....	0	.....	0	0	104,391
TX	478	58,045	113,449	216	4	0	3	415,316
UT	0	0	234,415	0	0	0	0	237,218
VT	0	0	0	0	0	0	0	133
VA	3,380	0	0	44	0	0	0	60,696
WA	0	0	0	0	0	0	0	28,579
WV	120	0	0	0	0	0	0	1,112
WI	13,838	0	0	0	23	0	0	62,334
WY	0	0	0	0	0	0	0	1,177
Total	889,582	649,003	965,073	2,662	673	159	10,684	5,248,322

[1] 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.

FSA, Financial Management Division, (703) 305–1273.

Table 11-12.—Fruit, vegetable, and tree nut marketing agreement and order programs, 1995–96

Program	Estimated number of commercial producers	Farm value
	Number	*1,000 dollars*
Citrus fruits (1995-96 season):		
Florida oranges, grapefruit, tangerines, and tangelos	9,000	288,493
Florida limes	92	3,744
Texas oranges and grapefruit	750	25,656
Deciduous fruits (1996 season):		
California Bartlett pears and freestone peaches	1,800	144,830
California nectarines	1,800	115,029
California olives	1,200	102,529
California desert grapes	80	119,146
California kiwifruit (implemented 10-2-84)	450	13,102
Florida avocados	137	12,408
Georgia peaches	150	3,380
Washington apricots	337	4,728
Washington sweet cherries	1,777	105,350
Washington, Oregon, and California winter pears	1,800	158,495
Washington and Oregon Bartlett pears	1,800	31,396
Washington and Oregon prunes	75	4,632
Cranberries	1,000	292,078
Hawaiian papayas	340	16,934
Dried fruits (1996 season):		
California dates	150	18,460
California dried prunes	1,400	198,000
California raisins	4,500	302,500
Vegetables (1995-96 season):		
Florida tomatoes	90	369,647
Idaho and eastern Oregon onions	450	77,450
South Texas melons	30	59,476
South Texas onions	89	39,010
Georgia onions (Vidalia)	240	48,373
Texas tomatoes	15	7,722
Walla Walla onions	60	3,646
Potatoes (1995-96 season):		
Colorado	489	159,485
Idaho and eastern Oregon	1,500	323,374
Oregon and Northern California	500	58,013
Southeastern States (Virginia-North Carolina)	150	16,774
Washington	455	84,697
Nuts (1996 season):		
California almonds	8,000	1,008,576
California walnuts	850	322,400
Oregon and Washington filberts	821	16,329
Peanuts [1]	24,000	970,225
Spearmint oil (1996 season) [2]	250	22,564
(Total 37 programs) [3]	.....	5,548,651

[1] 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. [2] Marketing order regulating the handling of spearmint oil produced in the states of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. Farm value represents a three State value for Idaho, Oregon and Washington. [3] Total number of producers not shown.

AMS, Fruit and Vegetable Division, (202) 720–3928.

CHAPTER XII

AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various natural resources, particularly soil, water, timber, wetlands, wildlife, and improvement of water quality. 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.

Conservation Practices on Active Contracts

Practice code	Practice	Acres
CP 1	Establishment of permanent introduced grasses and legumes	18,899,212
CP 2	Establishment of permanent native grasses	7,811,239
CP 3	Tree planting	2,192,580
CP 4	Permanent wildlife habitat	1,544,244
CP 5	Field windbreak establishment	8,243
CP 6	Diversions	157,746
CP 7	Erosion control structure	47,732
CP 8	Grass waterways	13,843
CP 9	Shallow water areas for wildlife	17,307
CP10	Vegetative cover - grass- already established	2,207,721
CP11	Vegetative cover - trees- already established	81,535
CP12	Wildlife food plot	29,325
CP13	Vegetative filter strips *	81,250
CP14	Bottomland timber establishment on wetlands	75,790
CP15	Establishment of permanent vegetative cover (contour grass strips)	519
CP16	Shelterbelt establishment	507
CP17	Living snow fences	28
CP18	Establishment of permanent vegetation to reduce salinity	4,883
CP19	Alley cropping	74
CP20	Alternative perennials	62
CP21	Filter strips *	0
CP22	Riparian buffer	0
CP23	Wetland restoration **	0

Contract Expiration Schedule

Program year	1997	1998	1999	2000	2001	2002	2005	2006	Total
1986	1,687,883	...	...	...	...	...	...	...	...
1987	11,568,733	...	...	...	...	...	...	...	...
1988	8,245,398	...	...	...	...	...	...	...	...
1989	...	4,845,693	...	...	...	...	...	...	...
1990	...	...	3,556,352	...	...	...	...	...	...
1991	...	...	...	458,781	...	...	...	...	...
1992	...	...	...	...	973,350	...	...	...	...
1993	...	...	...	...	...	1,003,810	...	...	...
1996	...	...	...	...	...	...	446,792	...	...
1997	...	...	...	...	...	...	...	169,684	...
Total	...	...	...	...	...	...	...	...	32,956,476

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-1.—Conservation Reserve Program (CRP): Enrollment Summary, March 1986–January 1997 [1]

State	Number of contracts	Acres enrolled		Rental rate (dollars per acre per year, weighted average)	Erosion reduction [2] (tons per acre per year, weighted average)
		Total	Average per contract		
Alabama	9,868	527,044	53.4	42.75	17
Alaska	50	24,404	488.1	35.94	7
Arizona	1	33	33.0	40.00	0
Arkansas	3,250	231,319	71.2	48.64	13
California	507	176,112	347.4	48.22	13
Colorado	6,506	1,893,915	291.1	40.98	24
Connecticut	0	0	0.0	0.00	0
Delaware	26	767	29.5	70.59	5
Florida	2,494	121,001	48.5	42.05	15
Georgia	14,585	600,154	41.1	42.95	13
Hawaii	1	592	592.0	80.00	5
Idaho	3,910	790,991	202.3	45.63	16
Illinois	20,537	732,345	35.7	77.90	18
Indiana	11,136	382,863	34.4	75.31	15
Iowa	34,831	1,749,602	50.2	83.66	18
Kansas	32,071	2,856,130	89.1	52.64	16
Kentucky	71,192	337,263	4.7	59.57	28
Louisiana	1,759	141,151	80.2	44.10	11
Maine	892	29,831	33.4	49.55	7
Maryland	734	19,309	26.3	73.20	8
Massachusetts	6	54	9.0	113.61	0
Michigan	8,728	325,201	37.3	58.68	9
Minnesota	26,103	1,566,764	60.0	54.33	17
Mississippi	14,040	804,435	57.3	42.89	19
Missouri	24,313	1,627,851	67.0	63.63	18
Montana	8,493	2,743,750	323.1	37.05	13
Nebraska	14,276	1,255,684	88.0	55.37	21
Nevada	1	2,353	2,353.0	40.00	16
New Hampshire	10	11	1.1	48.00	0
New Jersey	23	550	23.9	53.62	11
New Mexico	1,623	467,739	288.2	37.58	39
New York	1,643	54,576	33.2	53.37	11
North Carolina	6,187	132,742	21.5	45.80	16
North Dakota	18,834	2,829,585	150.2	38.18	15
Ohio	8,308	328,147	39.5	72.22	10
Oklahoma	8,659	1,141,865	131.9	42.26	22
Oregon	1,993	486,240	244.0	48.97	11
Pennsylvania	2,472	89,157	36.1	62.42	14
Puerto Rico	8	394	49.3	56.46	33
South Carolina	6,920	263,322	38.1	42.20	13
South Dakota	11,954	1,693,555	141.7	40.90	11
Tennessee	9,626	381,394	39.6	51.92	21
Texas	19,704	3,921,987	199.0	39.47	30
Utah	1,008	218,485	216.8	39.78	17
Vermont	5	114	22.8	50.00	18
Virginia	3,028	70,431	23.3	52.26	15
Washington	4,668	1,020,196	218.6	50.37	14
West Virginia	27	439	16.3	49.10	11
Wisconsin	21,960	666,844	30.4	66.50	12
Wyoming	828	249,791	301.7	38.45	14
United States, total	439,798	32,958,482	74.9	51.98	14

[1] CRP is a voluntary long-term cropland retirement program established in Title XII of the Food Security Act of 1985 (P.L. 99–198). USDA pays CRP participants an annual per-acre rent and half the cost of establishing a permanent land cover in exchange for retiring highly erodible cropland for 10 years. [2] Erosion reduction equals erosion rate before implementation of conservation practice minus erosion rate after implementation.

Note: Total acres enrolled may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-2.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992

(CP 1 and CP 2)

State	CP 1 Establishment of permanent introduced grasses and legumes				CP 2 Establishment of permanent native grasses			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
Alabama	3,765	205,300	10,198,488	50	2	11	699	65
Alaska	39	24,588	2,463,540	100	...	...	...	...
Arizona	...	...	...	...	...	...	...	...
Arkansas	1,439	84,994	3,347,775	39	2	100	1,706	17
California	324	118,210	2,441,164	21	4	137	6,389	46
Colorado	2,267	556,663	27,324,852	49	3,950	1,342,677	65,246,839	49
Connecticut	...	...	...	...	...	...	...	...
Delaware	5	157	5,624	36	...	...	...	...
Florida	209	6,405	296,223	46	2	408	11,826	29
Georgia	1,441	46,598	2,565,209	55	8	703	22,994	33
Hawaii	...	...	...	...	...	...	...	...
Idaho	3,441	734,834	29,206,320	40	5	1,701	46,961	28
Illinois	16,914	703,790	30,545,102	43	525	10,484	627,201	60
Indiana	9,489	395,135	23,931,448	61	50	1,162	65,298	56
Iowa	29,997	1,809,828	74,808,636	41	3,068	107,611	6,048,896	56
Kansas	4,555	248,252	10,131,715	41	26,063	2,648,833	111,610,636	42
Kentucky	6,571	344,908	15,386,968	45	19	535	27,466	51
Louisiana	488	28,302	771,552	27	9	500	6,021	12
Maine	537	22,114	2,674,201	121	...	...	...	...
Maryland	381	11,346	1,184,389	104	...	...	...	...
Massachusetts	1	16	1,870	117	...	...	...	...
Michigan	5,685	226,208	7,233,308	32	180	4,180	122,085	29
Minnesota	21,932	1,576,334	55,064,135	35	2,513	107,263	4,394,470	41
Mississippi	4,089	218,693	7,607,914	35	6	634	13,898	22
Missouri	18,582	1,385,600	56,992,638	41	1,389	66,624	3,425,786	51
Montana	7,057	2,493,903	53,274,683	21	839	295,453	7,213,464	24
Nebraska	5,808	609,310	18,772,733	31	5,910	519,523	17,839,941	34
Nevada	9	3,070	73,214	24	...	...	...	...
New Hampshire	...	...	...	...	...	...	...	...
New Jersey	25	565	52,036	92	1	3	100	33
New Mexico	104	30,715	2,357,082	77	1,392	445,774	22,413,046	50
New York	1,064	38,853	2,764,933	71	36	690	50,033	73
North Carolina	2,298	56,298	3,732,933	66	11	248	17,254	70
North Dakota	15,706	2,657,010	86,442,873	33	165	13,459	503,167	37
Ohio	7,072	324,745	15,123,815	47	133	2,254	123,121	55
Oklahoma	5,692	702,239	23,227,950	33	3,064	464,739	12,748,031	27
Oregon	1,837	507,373	19,112,745	38	2	49	1,334	28
Pennsylvania	1,666	49,148	3,762,629	77	12	176	14,567	83
Puerto Rico	1	10	1,900	190	3	77	6,360	83
Rhode Island	...	...	...	...	...	...	...	...
South Carolina	1,283	39,954	2,349,562	59	...	12	266	22
South Dakota	8,080	1,320,945	37,143,617	28	932	132,925	4,910,674	37
Tennessee	8,661	367,189	19,324,592	53	8	134	4,741	35
Texas	8,788	1,674,857	87,975,233	53	9,943	2,263,404	120,886,052	53
Utah	883	213,786	5,055,301	24	...	...	...	...
Vermont	9	115	13,539	118	...	...	...	...
Virginia	1,615	37,189	1,915,047	51	10	212	10,229	48
Washington	4,221	1,006,335	40,379,151	40	13	4,852	217,177	45
West Virginia	19	255	11,881	47	1	7	200	31
Wisconsin	11,095	292,851	12,032,812	41	972	21,447	1,010,815	47
Wyoming	644	210,824	5,635,592	27	3	404	15,725	39
United States, total	225,788	21,385,816	804,718,924	38	61,246	8,459,403	379,665,468	45

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-3.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992

(CP 3 and CP 4)

State	CP 3 Tree planting				CP 4 Permanent wildlife habitat			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
Alabama	6,253	292,607	13,088,258	45	233	4,610	264,707	57
Alaska	...	...	...	...	1	710	142,000	200
Arizona	...	...	...	...	...	...	...	...
Arkansas	1,773	140,775	6,703,793	48	147	11,311	547,962	48
California	11	736	127,570	173	48	3,213	211,860	66
Colorado	30	637	419,450	658	311	70,544	4,699,538	67
Connecticut	1	10	3,500	350	...	...	...	...
Delaware	6	153	6,034	40	10	402	38,836	97
Florida	2,179	116,451	3,231,483	28	42	3,928	223,514	57
Georgia	13,138	625,373	22,835,428	37	180	8,423	472,198	56
Hawaii	...	...	...	...	...	...	...	...
Idaho	42	1,253	114,869	92	270	113,737	4,352,537	38
Illinois	1,597	29,059	2,253,607	78	569	15,321	1,016,987	66
Indiana	974	16,943	2,348,668	139	390	11,603	879,768	76
Iowa	1,199	14,589	2,229,765	153	471	8,600	1,037,662	121
Kansas	134	2,502	158,059	63	361	18,435	883,024	48
Kentucky	149	3,288	253,159	77	223	13,261	637,830	48
Louisiana	716	51,469	2,350,389	46	86	3,890	235,806	61
Maine	141	2,326	253,048	109	12	575	85,114	148
Maryland	117	1,598	142,992	89	115	3,495	244,440	70
Massachusetts	1	10	3,000	300	...	...	...	...
Michigan	1,116	17,089	1,198,684	70	251	5,895	237,962	40
Minnesota	2,275	50,625	4,008,524	79	1,207	13,689	1,132,925	83
Mississippi	8,568	479,255	17,145,131	36	691	25,561	940,489	37
Missouri	549	19,124	2,426,206	127	1,417	73,296	2,996,536	41
Montana	17	190	9,240	49	102	23,611	504,693	21
Nebraska	359	3,377	290,461	86	3,281	270,697	10,651,721	39
Nevada	...	...	...	...	...	...	...	...
New Hampshire	...	...	...	...	...	...	...	...
New Jersey	1	22	1,680	75	...	...	...	...
New Mexico	...	...	...	...	2	1,400	74,570	53
New York	213	3,533	366,263	104	27	640	45,024	70
North Carolina	4,100	84,503	2,626,830	31	75	737	52,314	71
North Dakota	112	1,041	116,693	112	2,553	412,305	13,464,014	33
Ohio	856	11,686	858,189	73	334	10,328	459,251	44
Oklahoma	45	1,569	95,228	61	52	1,721	48,485	28
Oregon	31	609	60,197	99	25	2,049	94,216	46
Pennsylvania	91	1,266	102,356	81	78	3,013	304,555	101
Puerto Rico	2	30	5,285	176	...	...	...	...
Rhode Island	...	...	...	...	...	...	...	...
South Carolina	5,127	207,827	5,289,364	25	393	8,733	426,498	49
South Dakota	67	600	60,144	100	3,424	562,752	16,363,687	29
Tennessee	821	24,930	961,925	39	665	16,118	623,033	39
Texas	161	18,824	841,602	45	1,289	153,403	7,554,992	49
Utah	...	...	...	...	129	18,936	486,704	26
Vermont	...	...	...	...	...	...	...	...
Virginia	1,398	28,473	944,214	33	229	3,610	184,432	51
Washington	39	1,493	210,680	141	191	16,429	1,569,169	96
West Virginia	3	21	1,108	53	3	39	2,080	53
Wisconsin	4,022	65,342	5,660,644	87	843	13,172	600,836	46
Wyoming	1	8	400	50	137	42,370	1,113,291	26
United States, total	58,435	2,321,219	99,804,120	43	20,867	1,972,563	75,905,260	38

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-4.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992

(CP 5, CP 6 and CP 7)

State	CP 5 Establishment of field windbreaks				CP 6 Diversions I				CP 7 Erosion control structures			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	1	5	214	42	8	8	5,856	732	11	21	33,127	1,577
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	...	...	...	...	6	226	5,849	26	10	402	14,812	37
CA	2	16	12,800	805	1	4	29,120	7,280	8	16	55,225	3,452
CO	26	427	211,550	495	22	1,376	25,733	19	20	12,972	46,604	4
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...	...	...	...
GA	1	5	132	26	...	...	...	...	1	3	3,025	1,008
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	6	22	10,984	493	4	37	2,971	79	3	991	10,500	11
IL	9	14	2,101	147	79	6,912	105,861	15	174	682	380,806	559
IN	21	628	18,550	30	2	62	1,483	24	17	101	28,083	279
IA	28	95	23,983	252	7	127	9,258	73	9	10	22,664	2,200
KS	42	169	21,728	129	109	22,672	104,136	5	22	6,366	67,534	11
KY	...	...	...	...	23	20	25,305	1,247	134	746	296,782	398
LA	...	...	...	...	3	145	3,984	27	11	308	8,377	27
ME	...	...	...	...	...	...	...	...	1	55	700	13
MD	...	...	...	...	4	37	3,306	89	5	116	24,263	209
MA	...	...	...	...	...	...	...	...	...	...	...	...
MI	42	75	6,518	86	4	26	1,122	44	22	221	13,249	60
MN	785	1,473	265,440	180	13	36	22,501	629	68	149	304,967	2,0500
MS	...	...	...	...	5	7	3,665	524	18	64	48,208	757
MO	5	7	397	53	18	69	19,012	275	8	30	7,648	252
MT	64	1,041	104,063	100	1	1	187	187	1	13	2,795	210
NE	405	1,242	178,353	144	19	232	13,379	58	8	176	9,625	55
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...	...	...	...
NJ	...	...	...	...	...	...	...	...	...	...	...	...
NM	3	18	11,981	666	...	...	...	...	...	...	...	...
NY	...	...	...	...	3	14	975	72	1	1	1,393	1,393
NC	...	...	...	...	...	...	...	...	...	...	...	...
ND	346	1,244	160,053	129	4	46	3,892	85	1	3	1,416	472
OH	10	31	4,485	144	1	1	1,000	1,000	19	157	28,725	183
OK	12	116	3,005	26	119	29,648	105,126	4	37	3,081	69,032	22
OR	...	...	...	...	2	13	4,875	375	5	865	16,850	19
PA	2	1	670	515	10	39	8,347	211	6	5	2,450	480
PR	...	...	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	9	10	602	63	2	4	1,066	273	...	...	...	...
SD	133	723	77,947	108	...	...	...	...	2	77	3,042	39
TN	...	...	...	...	69	4,793	51,941	11	66	347	91,595	264
TX	6	16	17,674	1,091	51	10,417	97,976	9	23	4,704	135,317	29
UT	1	10	100	10	39	5,655	159,189	28	41	5,072	126,600	25
VT	...	...	...	...	...	...	...	...	...	...	...	...
VA	...	...	...	...	1	([1])	83	830	1	1	641	641
WA	...	...	...	...	8	819	9,972	12	5	13	13,758	1,058
WV	...	...	...	...	...	...	...	...	...	...	...	...
WI	23	87	3,740	43	16	28	4,975	175	54	321	111,500	34 7
WY	4	22	4,973	230	1	41	680	16	...	...	...	...
US	1,986	7,500	1,142,043	152	654	83,516	832,825	10	812	38,089	1,981,313	52

[1] Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-5.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992

(CP 8, CP 9 and CP 10)

State	CP 8 Grass waterways				CP 9 Shallow water areas for wildlife				CP 10 Vegetative-cover-grass-already established			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	113	389	100,365	258	5	18	9,585	530	695	50,889	8,598	(1)
AK	.....	.....	.....	.....	.....	.....	.....	.....	1	50	.....	.....
AZ	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
AR	1	46	1,396	30	28	684	19,761	29	251	11,219	.....	.....
CA	13	132	14,930	113	17	1,567	186,288	119	213	62,270	.....	.....
CO	4	53	5,560	106	6	24	135,855	5,781	91	7,422	.....	.....
CT	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
DE	1	(1)	959	2,398	.....	.....	.....	.....	.....	.....	.....	.....
FL	1	3	1,732	541	.....	.....	.....	.....	33	957	.....	.....
GA	1	2	1,100	500	1	10	2,000	200	305	2,620	.....	.....
HI	.....	.....	.....	.....	.....	.....	.....	.....	1	85	.....	.....
ID	5	21	21,801	1,014	8	7	16,420	2,346	417	23,541	.....	.....
IL	259	475	300,785	633	75	437	118,476	271	1,780	41,272	290	(1)
IN	45	303	55,448	183	30	270	30,839	114	1,387	32,352	.....	.....
IA	136	455	270,916	596	30	129	23,789	185	9,112	277,294	6,784	(1)
KS	76	266	59,925	225	13	432	9,977	23	629	16,933	1,287	(1)
KY	278	1,595	332,693	209	11	44	127,350	2,868	2,504	86,988	10,186	(1)
LA	13	621	8,890	14	46	4,920	71,923	15	502	29,409	.....	.....
ME	2	88	3,430	39	.....	.....	.....	.....	475	13,212	.....	.....
MD	19	245	54,957	224	5	7	17,213	2,459	65	1,178	.....	.....
MA	.....	.....	.....	.....	.....	.....	.....	.....	2	6	.....	.....
MI	73	321	26,989	84	48	52	72,519	1,392	2,736	76,863	2,037	(1)
MN	371	654	359,835	550	141	1,185	129,507	109	6,259	173,301	1,000	(1)
MS	.....	.....	.....	.....	32	821	22,200	27	1,388	76,425	.....	.....
MO	25	76	17,619	232	12	374	16,017	43	5,164	176,335	2,416	(1)
MT	68	319	34,939	110	4	15	11,331	755	311	35,454	200	(1)
NE	136	397	69,922	176	17	270	11,844	44	560	19,270	2,105	(1)
NV	.....	.....	.....	.....	.....	.....	.....	.....	1	54	.....	.....
NH	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
NJ	1	1	50	45	.....	.....	.....	.....	5	127	.....	.....
NM	.....	.....	.....	.....	.....	.....	.....	.....	59	5,283	1,156	(1)
NY	4	33	1,880	58	1	34	1,685	50	774	20,565	700	(1)
NC	7	5	4,186	790	.....	.....	.....	.....	362	5,044	.....	.....
ND	86	479	111,237	232	36	1,234	44,807	36	1,675	92,139	446	(1)
OH	95	5,237	123,534	24	67	269	169,308	630	1,049	25,073	244	(1)
OK	62	1,222	33,551	27	.....	.....	.....	.....	352	20,461	.....	.....
OR	15	128	21,710	170	3	307	8,267	27	178	14,345	6,224	(1)
PA	19	23	18,347	808	6	12	21,400	1,845	1,508	46,243	.....	.....
PR	.....	.....	.....	.....	.....	.....	.....	.....	6	334	.....	.....
RI	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
SC	4	8	6,511	775	.....	.....	.....	.....	209	4,604	.....	.....
SD	13	28	13,504	477	15	32	11,812	366	1,696	97,449	3,260	(1)
TN	62	162	20,978	129	8	319	35,180	110	1,963	48,361	9,266	(1)
TX	105	1,281	95,399	74	12	33	17,663	540	395	35,941	12,713	(1)
UT	1	310	1,875	6	.....	.....	.....	.....	5	1,260	.....	.....
VT	.....	.....	.....	.....	.....	.....	.....	.....	3	65	.....	.....
VA	10	8	3,932	517	2	3	3,200	1,103	394	7,853	.....	.....
WA	13	123	66,528	539	4	35	19,999	568	350	17,746	.....	.....
WV	.....	.....	.....	.....	.....	.....	.....	.....	18	285	.....	.....
WI	72	195	51,991	266	135	470	60,722	129	13,575	348,689	673	(1)
WY	2	10	1,191	119	2	13	2,654	204	27	3,597	.....	.....
US	2,211	15,720	2,320,595	148	820	14,026	1,429,591	102	59,485	2,010,868	69,585	(1)

[1] Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-6.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992

(CP 11, CP 12 and CP 13)

State	CP 11 Vegetative-cover-trees-already established				CP 12 Wildlife food plots				CP 13 Filter strips			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	381	11,952	...	...	111	511	...	...	58	571	27,183	48
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	24	490	...	...	6	63	...	...	39	691	34,011	49
CA	2	836	...	...	4	315	...	...	...	...	...	...
CO	1	5	...	...	...	...	...	...	2	20	1,010	50
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	1	20	...	...	...	...	...	...	13	263	18,251	69
FL	231	6,516	...	...	20	188	...	...	1	1	26	29
GA	697	18,652	...	...	44	465	...	...	63	1,548	72,163	47
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	2	309	...	...	5	314	...	...	4	21	2,301	109
IL	25	241	...	...	133	548	579	1	640	4,203	194,148	46
IN	26	298	...	...	18	126	...	...	381	3,138	183,073	58
IA	24	762	...	...	236	842	28	(1)	457	3,269	154,942	47
KS	6	106	...	...	45	243	...	...	158	1,049	58,940	56
KY	34	384	2,844	7	18	68	...	...	123	1,319	53,307	40
LA	53	1,817	...	...	25	132	...	...	9	87	5,020	58
ME	23	242	...	...	...	...	...	...	3	20	2,020	103
MD	5	196	...	...	36	163	...	...	190	2,324	237,978	102
MA	...	...	...	...	...	...	...	...	1	1	265	265
MI	17	159	...	...	224	1,150	...	...	130	1,069	32,192	30
MN	94	614	...	...	234	750	...	...	302	2,400	93,966	39
MS	750	20,541	...	...	151	1,767	...	...	213	3,063	111,288	36
MO	33	895	2,885	3	191	551	...	...	309	2,563	101,018	39
MT	10	1,048	...	...	2	5	...	...	1	13	322	26
NE	24	535	...	...	54	379	1,329	4	65	368	10,693	29
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...	...	...	...
NJ	...	...	...	...	...	...	...	...	...	...	...	...
NM	...	...	...	...	...	...	...	...	...	...	...	...
NY	5	23	...	...	3	29	...	...	9	64	4,949	77
NC	197	2,363	...	...	6	43	...	...	17	104	4,356	42
ND	38	199	...	...	95	901	...	...	32	460	14,865	32
OH	35	522	...	...	39	136	125	1	267	1,494	68,095	46
OK	5	288	...	...	20	154	...	...	13	87	4,694	54
OR	14	652	...	...	14	1,301	...	...	5	28	2,371	85
PA	26	908	...	...	9	70	...	...	8	87	7,596	87
PR	1	4	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	249	8,070	1,206	(1)	93	735	...	...	335	6,473	241,028	37
SD	61	653	...	...	276	3,223	...	...	52	743	22,636	30
TN	45	764	...	...	33	592	...	...	937	12,499	634,963	51
TX	20	2,012	32,323	16	81	1,164	...	...	2	34	644	19
UT	...	...	...	...	...	...	...	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...	...	...	...
VA	84	1,140	...	...	25	264	...	...	63	679	40,260	59
WA	1	3	...	...	...	...	...	...	8	62	8,534	138
WV	2	11	...	...	...	...	...	...	...	...	...	...
WI	67	561	...	...	344	1,254	675	1	328	2,111	64,958	31
WY	...	...	...	...	...	...	...	...	...	...	...	...
US	3,313	84,793	39,258	(1)	2,595	18,449	2,736	(1)	5,238	52,928	2,514,066	48

[1] Value less than 0.5.

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-7.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992

(CP 14, CP 15 and CP 16)

State	CP 14 Wetland trees				CP 15 Contour grass strips				CP 16 Shelter belts			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	67	6,572	615,938	94	...	...	...	...	...	...	...	...
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	100	9,597	492,485	51	...	...	...	...	...	...	...	...
CA	...	...	...	...	...	...	...	...	...	...	...	...
CO	...	...	...	...	...	...	...	...	...	...	...	...
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...	...	...	...
GA	61	1,906	87,887	46	...	...	...	...	...	...	...	...
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	5	1,307	21,277	16	...	...	...	...	...	...	...	...
IL	237	6,280	382,904	61	5	18	2,782	155	4	9	1,145	130
IN	57	824	71,176	86	1	5	250	50	...	...	...	...
IA	16	605	36,760	61	30	436	18,021	41	20	31	7,863	250
KS	20	459	24,018	52	2	26	813	31	1	2	109	57
KY	5	206	15,272	74	...	...	...	...	...	...	...	...
LA	198	25,958	1,389,670	54	...	...	...	...	...	...	...	...
ME	...	...	...	...	...	...	...	...	...	...	...	...
MD	6	59	4,247	72	1	2	3,500	1,522	...	...	...	...
MA	...	...	...	...	...	...	...	...	...	...	...	...
MI	12	95	4,931	52	1	5	500	100	...	...	...	...
MN	26	735	45,078	61	1	2	100	45	11	36	5,654	155
MS	127	15,002	815,456	54	...	...	...	...	...	...	...	...
MO	46	848	56,574	67	4	100	4,443	44	...	...	...	...
MT	...	...	...	...	...	...	...	...	1	4	157	41
NE	6	269	3,694	14	2	9	310	34	22	98	14,388	147
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...	...	...	...
NJ	1	5	2,000	400	...	...	...	...	...	...	...	...
NM	...	...	...	...	...	...	...	...	...	...	...	...
NY	8	70	4,726	67	...	...	...	...	...	...	...	...
NC	30	1,636	51,049	31	...	...	...	...	...	...	...	...
ND	1	72	2,304	32	...	...	...	...	2	24	2,837	116
OH	36	242	23,273	96	...	...	...	...	...	...	...	...
OK	...	...	...	...	...	...	...	...	...	...	...	...
OR	9	1,954	193,208	99	...	...	...	...	...	...	...	...
PA	3	67	6,239	92	1	26	2,560	100	...	...	...	...
PR	...	...	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	57	1,640	43,798	27	...	...	...	...	...	...	...	...
SD	...	...	...	...	...	...	...	...	19	102	18,004	177
TN	85	4,581	331,957	72	...	...	...	...	...	...	...	...
TX	1	238	13,095	55	...	...	...	...	...	...	...	...
UT	...	...	...	...	...	...	...	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...	...	...	...
VA	4	100	2,887	29	...	...	...	...	...	...	...	...
WA	...	...	...	...	1	6	187	34	...	...	...	...
WV	...	...	...	...	...	...	...	...	...	...	...	...
WI	32	375	27,346	73	...	...	...	...	...	...	...	...
WY	...	...	...	...	...	...	...	...	...	...	...	...
US	1,256	81,702	4,769,249	58	49	636	33,466	53	80	307	50,157	164

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-8.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–June 1992
(CP 17, CP 18 and CP 19)

State	CP 17 Living snow fences				CP 18 Salt tolerant grasses				CP 19 Alley cropping			
	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated	No. of contracts	Total acres treated	Total cost share	Cost share per acre treated
AL	...	...	...	...	...	...	...	...	...	...	...	...
AK	...	...	...	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...	...	...	...
AR	...	...	...	...	...	...	...	...	...	...	...	...
CA	...	...	...	...	...	...	...	...	...	...	...	...
CO	...	...	...	...	...	...	...	...	...	...	...	...
CT	...	...	...	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...	...	...	...
GA	...	...	...	...	...	...	...	...	...	...	...	...
HI	...	...	...	...	...	...	...	...	...	...	...	...
ID	...	...	...	...	...	...	...	...	...	...	...	...
IL	...	...	...	...	...	...	...	...	...	...	...	...
IN	...	...	...	...	...	...	...	...	...	...	...	...
IA	2	2	357	210	...	...	...	...	...	...	...	...
KS	...	...	...	...	4	332	11,963	36	...	...	...	...
KY	...	...	...	...	...	...	...	...	...	...	...	...
LA	...	...	...	...	...	...	...	...	...	...	...	...
ME	...	...	...	...	...	...	...	...	...	...	...	...
MD	...	...	...	...	...	...	...	...	...	...	...	...
MA	...	...	...	...	...	...	...	...	...	...	...	...
MI	...	...	...	...	...	...	...	...	...	...	...	...
MN	4	17	1,705	99	3	94	4,581	49	...	...	...	...
MS	...	...	...	...	...	...	...	...	...	...	...	...
MO	...	...	...	...	...	...	...	...	1	54	6,947	130
MT	...	...	...	...	13	3,488	50,281	14	...	...	...	...
NE	1	7	760	107	...	...	...	...	...	...	...	...
NV	...	...	...	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...	...	...	...
NJ	...	...	...	...	...	...	...	...	...	...	...	...
NM	...	...	...	...	...	...	...	...	...	...	...	...
NY	...	...	...	...	...	...	...	...	...	...	...	...
NC	...	...	...	...	...	...	...	...	...	...	...	...
ND	...	...	...	...	8	424	8,258	19	...	...	...	...
OH	...	...	...	...	...	...	...	...	...	...	...	...
OK	...	...	...	...	15	1,061	28,599	27	...	...	...	...
OR	...	...	...	...	...	...	...	...	...	...	...	...
PA	...	...	...	...	...	...	...	...	...	...	...	...
PR	...	...	...	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...	...	...	...
SC	...	...	...	...	...	...	...	...	...	...	...	...
SD	...	...	...	...	2	37	870	24	...	...	...	...
TN	...	...	...	...	...	...	...	...	...	...	...	...
TX	...	...	...	...	3	257	14,108	55	...	...	...	...
UT	...	...	...	...	...	...	...	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...	...	...	...
VA	...	...	...	...	...	...	...	...	...	...	...	...
WA	...	...	...	...	1	38	1,668	44	...	...	...	...
WV	...	...	...	...	...	...	...	...	...	...	...	...
WI	...	...	...	...	...	...	...	...	...	...	...	...
WY	...	...	...	...	...	...	...	...	...	...	...	...
US	7	26	2,822	108	49	5,730	120,328	21	1	54	6,947	130

Note: Total acres treated may not add due to rounding.
FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-9.—Agricultural Conservation Program and Emergency Conservation Program: Assistance to farmers for carrying out conservation and pollution abatement practices, United States and Caribbean area, fiscal years 1987–96 [1]

Year	Agricultural Conservation Program	Emergency Conservation Program
	1,000 dollars	*1,000 dollars*
1987	137,297	3,900
1988	198,665	4,378
1989	179,244	7,226
1990	183,966	12,469
1991	191,407	12,579
1992	191,049	9,532
1993	179,967	23,709
1994	202,992	35,825
1995	137,467	27,348
1996	101,669	26,867

[1] Totals are from unrounded data.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-10.—Agricultural Conservation Program and Emergency Conservation Program: Participation and assistance, by States and Caribbean area, 1996 fiscal year[1]

State or Territory	Agricultural conservation program					Emergency conservation program		
	Participating farms	Area served	Assistance			Participating farms	Area served	Assistance
			Regular	Long term	Total assistance			
	Number	*1,000 acres*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Number*	*1,000 acres*	*1,000 dollars*
AL	1,602	91	1,976	1,284	3,260	1,293	214	2,231
AK	49	3	72	104	176	...	...	...
AZ	220	431	698	681	1,379	1	*	37
AR	2,091	143	1,682	1,002	2,684	7	1	12
CA	680	70	1,605	594	2,199	650	449	7,742
CO	941	218	1,469	517	1,986	56	9	115
CT	112	2	106	183	289	...	...	...
DE	210	146	82	236	318	...	...	...
FL	920	32	1,616	442	2,058	331	20	1,330
GA	2,037	417	2,340	1,122	3,462	154	34	582
GU	1	*	**	**	0	...	...	...
HI	100	6	185	170	355	1	*	25
ID	760	100	1,404	702	2,106	30	2	79
IL	1,607	87	2,233	928	3,161	185	9	640
IN	953	46	1,036	386	1,422	21	*	98
IA	1,986	71	2,638	950	3,588	169	4	298
KS	2,111	129	2,372	642	3,014	1	*	2
KY	1,126	59	1,124	897	2,021	123	46	382
LA	1,944	104	1,549	644	2,193	...	...	...
ME	702	34	678	940	1,618	71	4	170
MD	524	42	323	533	856	4	*	3
MA	436	14	227	132	359	...	...	...
MI	1,930	152	1,151	1,978	3,129	...	...	...
MN	2,601	76	2,917	1,116	4,033	127	7	210
MS	1,654	154	1,746	466	2,212	20	*	43
MO	1,707	53	2,614	995	3,609	676	96	5,572
MT	861	413	1,585	718	2,303	14	32	136
NE	2,083	251	1,801	1,160	2,961	67	4	76
NV	133	34	342	216	558	3	*	24
NH	212	14	236	135	371	...	...	...
NJ	190	17	219	159	378	...	...	...
NM	527	272	958	164	1,122	...	...	...
NY	1,208	53	1,080	885	1,965	235	30	674
NC	4,265	94	1,606	340	1,946	144	4	151
ND	1,956	167	1,353	517	1,870	1	*	**
OH	1,561	75	1,495	1,065	2,560	16	*	264
OK	1,449	170	1,478	466	1,944	145	13	636
OR	1,082	139	1,738	664	2,402	167	111	95
PA	1,640	65	1,307	1,023	2,330	83	1	65
PR	190	4	205	17	222	84	3	...
RI	16	*	10	72	82	...	...	...
SC	901	43	795	666	1,461	...	...	...
SD	1,822	185	1,164	432	1,596	405	170	543
TN	1,556	32	1,268	547	1,815	7	*	20
TX	4,209	640	6,353	1,365	7,718	136	26	264
UT	482	96	757	480	1,237	23	2	13
VT	287	19	202	787	989	147	6	305
VA	1,747	60	1,153	376	1,529	423	30	1,808
VI	2	*	4	0	4	42	3	135
WA	918	85	1,610	672	2,282	108	9	554
WV	1,068	46	515	408	923	379	15	636
WI	1,845	98	1,910	1,285	3,195	6	*	7
WY	251	75	394	450	844	...	...	...
CNMI	...	...	...	...	...	...	...	...
Total	61,465	5,827	65,381	32,713	98,094	6,555	1,354	25,977

[1] Totals are net totals and may not add. * Less than 500 acres served. ** Less than $500.

FSA, Conservation and Environmental Protection Division, (202) 720–4053. Totals are the sum of rounded data.

Table 12-11.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1996 fiscal year

State or Territory	Regular and long-term agreements						
	Diversions (area served)	Conservation tillage	Perma-nent 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*
AL	121	...	...	58	534	...	...
AK	110	...	...	1	3	130	1
AZ	...	...	...	...	...	...	16,740
AR	...	...	...	330	...	...	34,442
CA	169	45	47	88	...	10	23,166
CO	144	...	3	6	109	2,208	51,328
CT	5	...	...	...	...	...	21
DE	...	...	9	10	5	...	...
FL	19	...	...	55	84	...	4,090
GA	14	631	72	6	1,258	...	512
GU	...	...	...	...	...	3	...
HI	35	...	...	2	57	97	108
ID	...	1,699	1	177	6	331	27,491
IL	828	...	25	958	20,922	56	...
IN	76	...	51	511	4,539	12	...
IA	104	...	70	439	9,224	655	...
KS	3,915	...	12	66	7,230	728	18,758
KY	194	...	5	205	3,663	...	...
LA	...	1,925	...	1,766	310	...	16,909
ME	292	83	...	48	345	...	764
MD	28	...	...	18	665	...	2
MA	...	80	...	5	40	...	288
MI	721	...	1,311	251	2,556	1,611	...
MN	561	...	929	385	14,415	8,153	...
MS	253	...	...	496	22	...	4,358
MO	248	...	13	179	645	...	3,388
MT	1,888	...	90	2	3,339	2,126	22,433
NE	1,046	...	134	76	2,300	4,896	14,940
NV	...	...	...	4	...	...	8,505
NH	8	9	96	17	91	...	...
NJ	71	...	...	13	40	...	366
NM	1,715	...	...	53	...	...	11,304
NY	3,052	113	...	9	737	258	226
NC	115	...	178	54	1,063	...	...
ND	387	...	3,932	1	3,577	37,815	313
OH	187	69	37	687	13,706	2,679	...
OK	3,566	...	24	727	6,996	15	2,428
OR	254	...	1	455	98	30	13,192
PA	1,176	203	4	101	1,867	...	...
PR	...	8	...	1	...	...	42
RI	...	...	...	2	...	...	114
SC	115	57	...	2	1,229	...	243
SD	15	...	2,017	3	637	21,808	721
TN	239	...	13	150	230	...	...
TX	6,204	...	...	271	14,274	18	76,538
UT	...	...	...	14	51	...	17,866
VT	14	29	155	5	673	...	...
VA	8	...	...	5	...	...	...
VI	...	...	15	...	87	...	...
WA	10	3,271	...	74	...	38	9,615
WV	23	...	373	...	...	...	...
WI	424	572	...	...	5,083	290	...
WY	...	...	...	132	...	49	12,053
CNMI	...	...	...	...	...	...	...
Total	28,354	8,794	9,617	8,918	122,710	84,016	393,265

See end of table.

Table 12-11.—Agricultural Conservation Program: Selected conservation and pollution abatement practices performed, by States and Caribbean area, 1996 fiscal year—Continued

State or Territory	Regular and 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*
AL	7,608	538	12,149	3,161	11	4	4,895
AK	738	389	...	...	...	...	...
AZ	...	9,952	...	...	...	...	...
AR	7,072	14,962	468	57	104	...	...
CA	1,532	8,043	87	97	3	...	...
CO	3,744	23,883	...	...	1	349	15,566
CT	824	4	4	57	...	7	...
DE	124	...	16	...	...	...	...
FL	9,369	25	12,812	89	2	20	319
GA	6,828	2,863	17,455	1,319	30	12	45,556
GU	...	...	...	...	...	...	...
HI	180	1,051	7	55	...	...	3
ID	2,374	15,384	190	47	...	981	7,448
IL	851	238	35	2,535	19	199	6,342
IN	1,431	482	150	31	16	1,549	402
IA	5,924	649	84	...	43	...	11,056
KS	2,942	120	...	1	35	...	55,185
KY	2,415	...	6	...	29	...	362
LA	10,663	11,304	1,535	1,341	22	...	155
ME	445	245	484	113	...	2	...
MD	212	35	465	...	2	...	...
MA	436	146	...	501	...	...	...
MI	3,863	532	2,252	578	...	31	...
MN	4,260	303	3,021	53	6	980	4,534
MS	10,027	894	3,324	200	...	...	151
MO	12,272	2,079	132	133	92	...	5,904
MT	7,361	123,655	15	...	5	3,562	...
NE	1,494	12,659	...	71	16	...	24,375
NV	40	15,745	...	8	...	...	...
NH	173	162	22	1	1	...	...
NJ	648	...	...	180	1	43	15
NM	920	8,602	...	150	20	...	329
NY	8,587	540	108	...	...	1,793	62
NC	6,235	50,345	804	852	5	302	230
ND	8,180	2,111	60	4,869	1	175	996
OH	2,531	4,416	203	...	4	230	...
OK	114,160	587	...	117	67	...	11,835
OR	1,537	19,373	4,198	...	...	...	5,074
PA	2,024	2,102	71	5	2	5,371	844
PR	190	2,331	...	905	1	...	186
RI	11	...	...	5	...	...	...
SC	3,465	561	6,030	16	7	65	441
SD	9,394	13,457	...	...	4	347	2,513
TN	13,357	2,798	991	...	5	...	1,276
TX	43,122	131,071	555	101	334	...	32,849
UT	870	17,784	...	339	1	...	613
VT	110	11	...	...	...	37	...
VA	3,377	11,591	1,392	4,518	...	351	27
VI	...	39	...	...	...	...	3
WA	1,190	4,594	2,674	1,196	2	7,093	5,115
WV	926	9,421	5	...	10	4	...
WI	3,012	148	3,894	...	3	1,744	179
WY	566	19,962	...	...	...	...	...
CNMI	...	...	...	...	...	...	...
Total	329,614	548,186	75,698	23,701	904	25,251	244,840

FSA, Conservation and Environmental Protection Division, (202) 720–4053

Table 12-12.—Summary of all active contracts: United States, 1987–96

State	Total no. of contracts	Total CRP	Cropped wetland	SCOUR erosion	Tree practice	Average soil erosion	Total annual erosion reduction	Average rental rate	Total rental rate
	Number	*Acres*	*Acres*	*Acres*	*Acres*	*Tons/ Ac/Yr*	*Tons year*	*Dollars*	*1,000 dollars*
AL	9,868	527,044	4,989	3,423	293,090	17	8,920,000	42.75	22,531,131
AK	50	24,404	0	0	9	7	159,000	35.94	877,080
AZ	1	33	0	0	0	0	0	40.00	1,320
AR	3,250	231,319	10,932	11,935	142,886	13	3,115,000	48.64	11,251,356
CA	507	176,112	0	0	915	13	2,320,000	48.22	8,492,121
CO	6,506	1,893,915	85	0	229	24	46,099,000	40.98	77,612,637
CT	0	0	0	0	0	0	0	0.00	0
DE	26	767	0	0	122	5	4,000	70.59	54,143
FL	2,494	121,001	45	225	109,520	15	1,826,000	42.05	5,088,092
GA	14,585	600,154	2,132	290	547,954	13	7,716,000	42.95	25,776,614
HI	1	592	0	0	0	5	3,000	80.00	47,360
ID	3,910	790,991	2,246	643	1,129	16	12,747,000	45.63	36,092,919
IL	20,537	732,345	13,364	2,167	39,950	18	13,524,000	77.90	57,049,676
IN	11,136	382,863	2,469	373	19,642	15	5,723,000	75.31	28,833,413
IA	34,831	1,749,602	13,694	34,828	19,171	18	31,110,000	83.66	146,371,703
KS	32,071	2,856,130	1,107	3,110	1,600	16	45,369,000	52.64	150,346,683
KY	7,192	337,263	258	544	3,876	28	9,583,000	59.57	20,090,757
LA	1,759	141,151	30,844	480	83,560	11	1,534,000	44.10	6,224,759
ME	892	29,831	122	742	1,958	7	201,000	49.55	1,478,126
MD	734	19,309	1,716	0	1,516	8	154,000	73.20	1,413,419
MA	6	54	0	0	0	0	0	113.61	6,135
MI	8,728	325,201	1,264	80	18,298	9	3,034,000	58.68	19,082,795
MN	26,103	1,566,764	4,448	1,053	51,073	17	26,476,000	54.33	85,122,288
MS	14,040	804,435	15,148	44,263	520,994	19	15,426,000	42.89	34,502,217
MO	24,313	1,627,851	3,205	4,773	24,803	18	29,428,000	63.63	103,580,159
MT	8,493	2,743,750	1,128	0	905	13	35,449,000	37.05	101,655,938
NE	14,276	1,255,684	2,416	523	3,416	21	26,420,000	55.37	69,527,223
NV	1	2,353	0	0	0	16	38,000	40.00	94,120
NH	10	11	0	0	0	0	0	48.00	528
NJ	23	550	36	0	27	11	6,000	53.62	29,491
NM	1,623	467,739	0	0	102	39	18,240,000	37.58	17,577,632
NY	1,643	54,576	326	38	2,912	11	583,000	53.37	2,912,721
NC	6,187	132,742	2,813	145	82,916	16	2,119,000	45.80	6,079,584
ND	18,834	2,829,585	134,101	2,902	1,270	15	41,765,000	38.18	108,033,555
OH	8,308	328,147	3,992	1,002	11,481	10	3,286,000	72.22	23,698,776
OK	8,659	1,141,865	476	7,307	1,778	22	25,543,000	42.26	48,255,215
OR	1,993	486,240	683	961	1,089	11	5,381,000	48.97	23,811,173
PA	2,472	89,157	182	0	1,714	14	1,277,000	62.42	5,565,180
PR	8	394	0	0	97	33	13,000	56.46	22,245
SC	6,920	263,322	1,493	2,836	207,784	13	3,313,000	42.20	11,112,188
SD	11,954	1,693,555	114,452	3,713	1,012	11	18,208,000	40.90	69,266,400
TN	9,626	381,394	4,846	800	30,614	21	7,999,000	51.92	19,801,976
TX	19,704	3,921,987	486	3,382	16,540	30	118,859,000	39.47	154,800,827
UT	1,008	218,485	0	42	0	17	3,688,000	39.78	8,691,333
VT	5	114	0	0	10	18	2,000	50.00	5,700
VA	3,028	70,431	183	207	28,272	15	1,060,000	52.26	3,680,724
WA	4,668	1,020,196	514	74	1,594	14	13,789,000	50.37	51,387,273
WV	27	439	0	8	38	11	5,000	49.10	21,555
WI	21,960	666,844	29,173	1,960	74,109	12	8,083,000	66.50	44,345,126
WY	828	247,791	0	0	7	14	3,417,000	38.45	9,527,564
Total	375,798	32,956,482	405,368	134,829	2,349,979	18	603,015,000	49.21	1,621,788,479

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-13.—Agricultural Conservation Program: Selected conservation and pollution abatement measures performed, United States and Caribbean area, annual 1988–96 and total 1936–96 [1]

Practice	Unit	1988	1989	1990	1991	1992	1993	1994	1995	1996	Total 1936–95
Terrace systems [2]	1,000 acres.	964	841	535	632	682	544	678	600	245	50,183
Sod waterways [2] ..	.....do ...	224	167	175	261	196	157	262	157	123	19,971
Conservation tillage systems.	.....do ...	445	330	430	411	556	602	527	19	9	13,463
Stripcropping systems.	.....do ...	139	123	151	124	105	81	70	50	25	117,755
Establishing permanent vegetative cover.	.....do ...	646	615	576	609	587	528	712	77	330	83,081
Cropland protective cover.	.....do ...	750	636	581	606	652	477	406	19	***	516,960
Improving permanent vegetative cover.	.....do ...	1,373	1,170	964	1,004	998	1,122	1,251	881	548	179,746
Planting trees or shrubs.	.....do ...	156	132	125	135	119	131	134	199	76	8,753
Timber stand improvement.	.....do ...	38	40	43	45	47	37	37	33	24	6,030
Permanent wildlife habitat [2].	.....do ...	24	21	21	23	29	21	25	15	10	5,685
Water impoundment reservoirs.	Number	8,480	6,520	5,724	5,429	4,445	3,598	3,901	2,775	904	2,545,136
Grazing land protection.	.....do ...	12,502	13,764	12,498	11,430	11,422	10,173	9,907	7,696	7,266	721,616
Contour farming ...	1,000 acres.	20	23	27	22	16	15	18	6	***	140,407
Diversions [2]	.....do ...	102	85	83	67	72	71	117	45	28	8,264
Sediment retention, erosion, or water control structures.	Number	16,007	12,281	13,427	13,289	12,522	12,656	13,738	11,796	8,918	3,658,172

[1] In 1974, the data includes the Regular, Long-Term Agreement, and Forestry Incentives Programs. From 1975, the data includes the Regular and Long-Term Agreement Programs. [2] In area served.

FSA, Conservation and Environmental Protection Division, (202) 720–4053. Totals are from unrounded data.

Table 12-14.—Water Bank Program: Status of agreements carried out, 1986 through Sept. 30, 1997, by States

State	Number of agreements	Designated acres			Annual payment
		Total	Wetlands	Adjacent	
	Number	*Acres*	*Acres*	*Acres*	*Dollars*
AR	504	81,179.0	73,061.0	8,118.0	1,140,392
CA	89	21,982.3	17,500.0	4,482.3	679,538
KY	21	1,021.9	619.3	402.6	31,684
LA	429	60,678.0	35,698.0	24,980.0	1,294,172
MN	1,063	63,800.0	19,140.0	44,660.0	2,990,218
MS	478	95,988.0	71,031.1	24,956.9	1,373,368
MT	97	11,782.0	3,299.0	8,483.0	319,042
NE	133	7,375.0	2,950.0	4,425.0	321,818
ND	1,154	183,583.0	63,342.0	120,241.0	3,983,358
OH	123	5,500.0	4,341.0	1,159.0	206,812
SD	600	67,995.8	22,665.2	45,330.6	2,372,654
WI	262	13,762.7	4,587.5	9,175.2	878,687
Total	4,953	614,648	318,234	296,414	15,591,743

NRCS, Conservation Ecosystems Assistance Division, (202) 720-1845

Table 12-15.—Forestry Incentives Program: Practices performed, by States and Caribbean area, 1996 fiscal year and cumulative 1975–96 [1]

State	1996				Cumulative 1975–96			
	Planting trees	Improving a stand of forest trees	Site prep for natural regenera-tion	Special forestry practices	Planting trees	Improving a stand of forest trees	Site prep for natural regenera-tion	Special forestry practices
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
AL	5,420	...	27	0	337,143	34,149	1,449	...
AK	...	...	16	0	1	15	8,692	...
AZ	...	...	...	0	13	1,807	0	...
AR	5,761	822	349	0	227,401	110,337	349	...
CA	122	362	...	0	9,966	11,106	0	...
CO	10	...	...	0	297	101	10	...
CT	...	12	...	0	12	7,842	0	...
DE	324	513	...	0	9,784	3,989	0	...
FL	10,029	...	...	0	311,404	349	233	...
GA	16,247	498	302	0	338,287	23,240	1,481	...
HI	...	...	...	0	250	0	0	...
ID	169	45	...	0	2,383	3,907	32	...
IL	15	767	...	0	53	36,660	203	...
IN	12	1,955	...	0	4,115	84,033	960	...
IA	107	83	...	0	3,295	9,311	31	...
KS	...	35	...	0	451	4,889	0	...
KY	...	343	...	0	4,552	56,799	1,613	...
LA	8,562	40	240	0	214,611	45,516	3,301	...
ME	20	383	...	0	6,833	20,267	10	...
MD	1,312	360	...	0	30,889	16,806	121	...
MA	...	210	...	0	638	37,405	101	...
MI	444	...	...	0	29,190	37,591	25	...
MN	167	180	199	0	16,857	13,430	1,213	...
MS	9,035	2,222	...	0	352,797	31,732	245	...
MO	11	161	...	0	12,078	84,104	154	...
MT	10	65	...	0	242	4,922	117	...
NE	...	...	...	0	553	8	0	...
NV	...	...	...	0	526	50	0	...
NH	5	356	10	0	236	30,298	1,007	...
NJ	...	5	...	0	10	12,275	20	...
NM	...	...	...	0	65	7,341	0	...
NY	...	601	...	0	71	66,596	120	...
NC	7,916	679	35	0	355,254	25,004	1,067	...
ND	...	...	...	0	207	141	0	...
OH	24	915	85	0	13,499	87,570	1,960	...
OK	110	370	...	0	21,155	35,066	522	...
OR	2,294	688	...	0	58,973	29,135	0	...
PA	25	461	10	0	5,602	38,576	261	...
PR	51	...	...	0	1,461	10	0	...
RI	...	...	...	0	1,153	2,653	10	...
SC	10,917	1,795	50	0	292,581	17,342	390	...
SD	...	70	...	0	29	5,302	0	...
TN	411	...	...	0	33,254	15,210	425	...
TX	11,117	164	...	0	218,851	54,239	0	...
UT	...	...	...	0	0	12	0	...
VT	...	123	...	0	451	22,309	240	...
VA	12,990	2,474	...	0	379,575	59,084	409	...
WA	1,491	80	...	0	48,191	12,320	20	...
WV	...	431	...	0	6,916	96,238	10	...
WI	522	298	128	0	35,172	35,356	4,747	...
WY	...	837	...	0	4	17,629	0	...
Total	105,650	19,403	1,451	0	3,387,331	1,354,071	31,548	...

[1] In 1974, the program was part of the Rural Environmental Conservation Program (now called the Agricultural Conservation Program). Data for the program year were published in the 1974 Rural Environmental Conservation Program Summary. In 1975 it became a separately funded program.

NRCS, Conservation Operations Division (202) 720–1845.

Table 12-16.—Forestry Incentives Program: Participation and assistance, by States and Caribbean area, 1996 fiscal year

State	Participants	Area served	Assistance		
			Regular	Long term	Total assistance
	Number	*Acres*	*Dollars*	*Dollars*	*Dollars*
AL	123	5,447	362,562	...	362,562
AK	1	16	2,800	...	2,800
AZ	...	...	...	...	...
AR	162	6,932	398,504	...	398,504
CA	28	484	76,618	...	76,618
CO	1	10	2,300	1,999	4,299
CT	1	12	774	2,015	2,789
DE	19	837	42,685	12,695	55,380
FL	162	10,029	713,909	...	713,909
GA	388	17,047	1,039,917	...	1,039,917
HI	...	...	...	...	...
ID	8	214	20,700	...	20,700
IL	24	782	25,449	3,240	28,689
IN	42	1,967	48,755	...	48,755
IA	7	190	24,721	...	24,721
KS	2	35	1,498	...	1,498
KY	4	343	13,600	3,265	16,865
LA	193	8,842	257,372	...	257,372
ME	23	403	40,638	11,030	51,668
MD	40	1,672	67,199	3,818	71,017
MA	19	210	10,756	868	11,624
MI	39	444	56,446	20,911	77,357
MN	16	546	28,547	760	29,307
MS	257	11,257	333,603	...	333,603
MO	8	172	4,946	...	4,946
MT	5	75	9,726	...	9,726
NE	...	...	...	...	...
NV	...	...	...	...	...
NH	21	371	24,107	1,888	25,995
NJ	1	5	175	...	175
NM	...	...	...	...	...
NY	45	601	41,659	6,843	48,502
NC	196	8,630	338,457	...	338,457
ND	...	...	...	...	...
OH	36	1,024	37,817	...	37,817
OK	5	480	20,631	...	20,631
OR	80	2,982	287,433	...	287,433
PA	21	496	20,469	...	20,469
PR	4	51	9,792	...	9,792
RI	...	...	...	2,688	2,688
SC	450	12,762	850,843	...	850,843
SD	6	70	4,559	3,431	7,990
TN	7	411	35,048	...	35,048
TX	233	11,281	527,763	...	527,763
UT	...	...	...	...	...
VT	12	123	7,164	1,008	8,172
VA	286	15,464	446,806	...	446,806
WA	49	1,571	176,676	...	176,676
WV	22	431	15,825	2,016	17,841
WI	58	948	82,736	6,765	89,501
WY	20	837	43,938	...	43,938
Total	3,124	126,504	6,555,923	85,240	6,641,163

NRCS,Conservation Operations Division (202)720–1845.

Table 12-17.—Soil conservation districts: Funds appropriated by State and local governments for conservation programs, fiscal year ending Sept. 30, 1998

State or Territory	Actual appropriations	State or Territory	Actual appropriations
	1,000 dollars		*1,000 dollars*
AK	240	NE	57,122
AL	6,033	NH	806
AR	11,426	NJ	26,936
AZ	1,879	NM	5,111
CA	136,865	NV	2,951
CO	3,907	NY	27,178
CT	6,001	OH	24,457
DE	11,803	OK	13,012
FL	68,882	OR	5,968
GA	8,803	PA	50,913
HI	1,145	Pacific Basin [1]	273
IA	16,838	Caribbean [2]	3,521
ID	7,780	RI	1,036
IL	24,025	SC	3,730
IN	10,542	SD	2,913
KS	24,696	TN	5,472
KY	19,845	TX	15,708
LA	3,447	UT	29,809
MA	1,369	VA	16,675
MD	28,361	VT	3,477
ME	1,388	WA	16,856
MI	15,582	WI	38,132
MN	67,731	WV	12,523
MO	35,801	WY	3,227
MS	6,459		
MT	8,302		
NC	25,647		
ND	140,134	Total	1,062,737

[1] Pacific Basin includes Guam and Northern Marianas.
[2] Caribbean includes Puerto Rico and Virgin Islands.

NRCS, Watersheds and Wetlands Division, (202) 720–9479.

Table 12-18.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories, 1986–95

Year [1]	Number districts organized [2]		Total area in districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total
	Number	*Number*	*1,000 acres*	*1,000 acres*
1986	7	2,947	—24,839	2,194,315
1987	—6	2,941	3,219	2,197,534
1988	15	2,956	—13,837	2,183,697
1989		2,956		2,183,697
1990	—1	2,955	—3,227	2,180,470
1991	0	2,955	29,692	2,210,162
1992	0	2,955	—64,101	2,146,061
1993	—2	2,953	37,627	2,183,688
1994	0	2,953	0	2,183,688
1995	0	2,953	0	2,183,688

[1] Fiscal year Oct. 1 through Sept. 30. [2] Totals at the end of each year are net, including corrections and adjustments made during the year.

NRCS, Community Assistance and Rural Development Division, (202) 720–4072.

Table 12-19.—Soil conservation districts: Number of districts organized, approximate total area and number of farms, cumulative through Sept. 30, 1995

State or Territory	Districts organized [1]	Approximate area and number of farms within organized districts	
		Total area	Farms (and ranches)
	Number	*1,000 acres*	*Thousands*
Alabama	67	32,454	116
Alaska	10	358,267	1
Arizona	38	73,090	6
Arkansas	75	33,074	52
California	117	64,351	55
Colorado	79	58,774	31
Connecticut	8	398	4
Delaware	3	1,309	8
District of Columbia	1	44	0
Florida	63	32,686	60
Georgia	40	37,261	78
Hawaii	16	4,035	6
Idaho	51	52,416	32
Illinois	98	28,502	89
Indiana	92	23,165	76
Iowa	100	36,016	107
Kansas	105	52,286	134
Kentucky	121	25,396	170
Louisiana	43	26,414	28
Maine	16	18,735	17
Maryland	24	6,636	33
Massachusetts	16	5,065	6
Michigan	83	36,034	59
Minnesota	90	50,762	124
Mississippi	82	29,816	126
Missouri	113	41,446	146
Montana	59	91,141	30
Nebraska	23	47,795	60
Nevada	29	70,759	3
New Hampshire	10	5,955	3
New Jersey	16	4,983	9
New Mexico	47	74,453	27
New York	57	30,488	49
North Carolina	100	33,709	154
North Dakota	60	42,958	63
Ohio	88	26,260	101
Oklahoma	89	44,000	128
Oregon	45	58,730	31
Pennsylvania	66	28,906	52
Rhode Island	3	675	1
South Carolina	46	19,912	26
South Dakota	69	49,353	42
Tennessee	95	25,353	163
Texas	212	165,607	285
Utah	39	52,410	15
Vermont	14	6,186	7
Virginia	45	25,346	52
Washington	47	38,239	42
West Virginia	14	14,439	17
Wisconsin	72	35,938	83
Wyoming	32	59,326	10
US	2,928	2,181,353	3,017
Caribbean	18	2,311	31
Pacific Basin [2]	7	23	6
Totals	2,953	2,183,687	3,054

[1] For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district's laws. [2] Guam, Northern Mariana Island, American Samoa, and Federated States of Micronesia.

NRCS, Community Assistance and Rural Development Division, (202) 720–4072.

Table 12-20.—Soil surveys: Total area mapped for resource planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1996, and cumulative through Sept. 30, 1996

State or Territory	Progressive Soil Survey Program [1]			State or Territory	Progressive Soil Survey Program [1]		
	Work during year ending Sept. 30, 1996		Total to date		Work during year ending Sept. 30, 1996		Total to date
	Acres mapped	*Acres updated*	*Acres*		*Acres mapped*	*Acres updated*	*Acres*
AL	176,926	0	29,637,205	NH	30,922	58,510	5,323,611
AK	331,451	25,000	42,149,245	NJ	0	74,225	4,861,100
AZ	388,098	0	47,939,617	NM	12,000	185,258	69,394,680
AR	153,197	30,206	33,441,537	NY	275,757	77,014	28,940,566
CA	914,354	0	75,189,266	NC	284,410	141,646	30,630,637
CO	348,224	62,180	63,553,433	ND	196,880	300,013	44,708,737
CT	0	342,200	3,211,700	OH	0	307,182	26,414,944
DE	0	33,304	1,308,500	OK	0	232,377	44,771,700
FL	8,710	0	34,638,795	OR	319,341	22,640	38,251,327
GA	150,702	153,689	34,960,193	PA	0	116,546	28,997,200
HI	0	139,075	4,042,820	PB [2]	0	0	545,032
ID	431,091	128,669	35,745,129	PR [3]	0	45,155	2,333,800
IL	0	1,080,821	36,060,840	RI	0	0	775,900
IN	0	9,913	23,158,600	SC	0	251,551	19,912,100
IA	0	274,560	36,016,200	SD	0	152,555	49,354,542
KS	0	233,663	52,657,500	TN	111,251	231,926	25,810,888
KY	102,467	207,940	25,815,272	TX	278,841	1,977,774	162,810,908
LA	0	537,922	30,561,000	UT	16,820	7,500	47,380,853
ME	285,892	17,090	16,784,831	VT	38,004	43,962	5,089,725
MD	0	129,757	6,695,000	VA	342,787	0	23,035,417
MA	0	41,870	5,301,800	WA	215,377	144,607	38,196,019
MI	513,325	0	34,007,647	WV	116,011	141,426	14,411,166
MN	458,939	477,846	44,490,685	WI	208,339	476,354	32,490,718
MS	182,406	5,500	28,373,138	WY	1,873,101	38,200	44,782,324
MO	789,419	98,001	39,986,946				
MT	1,151,924	905	79,283,353				
NE	0	338,527	49,915,061				
NV	103,000	100,000	59,713,480	Total	10,809,966	9,495,059	1,763,862,687

[1] The National Cooperative Soil Survey of the Natural Resources Conservation Service and cooperating agencies is designed to locate, 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. [2] Pacific Basin (PB) is a new addition. It includes the American Trust Territories of American Samoa, Islands of Aunuu, Ofu, Olosega, Tau, and Tutuila; Federated States of Micronesia Islands of Kosrae, Ponape, Truk and Yap; Territory of Guam; Islands of Airik, Arno, Majuro, Mili, and Taroa, Republic of the Marshall Islands; Islands of Aguijan, Rota, Saipan and Tinian, Commonwealth of the Northern Mariana Islands; and Islands of Palau, Republic of Palau. [3] Puerto Rico (PR) includes acreages for Virgin Islands. This was previously designated as Caribbean.

NRCS, Soil Survey Division, (202) 720–1820.

Table 12-21.—Land protected from erosion by soil conservation practices: Newly applied in soil conservation districts with Natural Resources Conservation Service (NRCS) assistance, fiscal years 1991–95

Land protected from erosion	Unit	1991	1992	1993	1994	1995
Cropland	Acres	23,301,183	27,221,042	29,011,585	22,707,109	16,211,566
Pasture and hayland	.....do	4,387,931	4,547,619	4,321,933	5,027,169	3,757,583
Range and native pasture	.....do	28,413,329	24,831,891	25,472,427	29,943,787	16,945,213
Woodland	.....do	1,481,606	1,387,574	2,564,233	4,919,308	3,186,124
Wildlife	.....do	2,142,766	1,858,827	1,922,912	2,288,598	1,293,068
Recreation	.....do	81,489	127,621	49,530	63,612	34,536
All others	.....do	304,115	283,633	246,933	303,440	262,929
Total land protected	Acres	60,112,419	60,258,207	63,589,553	65,253,023	41,691,019

NRCS, Operations Management and Oversight Division, (202) 720–3906.

Table 12-22.—Land protected from erosion by soil conservation practices: Applied through farmer-district cooperation and cooperation with other agencies, with Natural Resources Conservation Service (NRCS) assistance, by States and Territories, year ending Sept. 30, 1995

State or Territory	Cropland	Pasture and hayland	Range native pasture	Woodland	Wildlife	Recre-ation	Other land	Total land protected
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
AL	16,813	11,368	11,418	97	119	2	0	39,817
AK	5,674	2,175	0	21	240	0	27,687	35,797
AZ	1,268	157	1,157,896	0	0	0	0	1,159,321
AR	171,086	183,690	4,838	36,221	19,282	7	300	415,424
CA	350,443	5,790	242,707	7,018	29,055	217	4,572	639,802
CO	617,111	58,664	460,378	937	12,405	5	5,461	1,154,961
CT	2,735	5	0	0	0	0	0	2,740
DE	12,688	438	0	25	0	0	1	13,152
FL	317,341	337,925	274,838	26,287	4,219	482	1,953	963,045
GA	134,345	17,901	0	18,721	369	0	3,486	174,822
HI	62,436	5,208	58,984	41	0	0	33	126,702
ID	284,170	11,273	17,848	560	30	72	0	313,953
IL	1,622,002	38,204	0	1,901	3,586	5	1,893	1,667,591
IN	405,628	1,197	2,494	957	299	2	5,297	415,874
IA	1,133,191	12,754	117	1,869	15,296	71	4,537	1,167,835
KS	809,085	33,396	199,418	58	1,164	0	524	1,043,645
KY	0	0	0	0	0	0	0	0
LA	275,325	73,096	14,112	97,380	132,344	287	1,915	594,459
ME	770	2,134	0	47	0	0	2	2,953
MD	33,066	894	0	0	0	0	5	33,965
MA	6,073	134	33	0	16	0	2	6,258
MI	170,678	17,095	269	9,536	6,162	326	43,726	247,792
MN	316,831	6,091	611	1,629	7,613	111	3,798	336,684
MS	325,793	125,133	0	79,118	33,731	261	3,305	567,341
MO	214,859	40,405	35	10,556	9,594	1	11,741	287,191
MT	844,064	106,881	899,675	1,005	23,461	370	195	1,875,651
NE	201,450	17,666	406,764	147	1,206	0	738	627,971
NV	491	51,881	397,963	0	166,398	2	44,435	661,170
NH	5,450	6,440	0	4,621	312	499	514	17,836
NJ	13,592	458	0	0	37	0	121	14,208
NM	188,165	13,786	2,574,056	8,973	194,874	45	151	2,980,050
NY	127,621	6,284	33	0	0	0	142	134,080
NC	311,862	12,588	4	1,867	128	13	1,668	328,130
ND	420,526	52,730	238,702	948	22,668	15	14,011	749,600
OH	118,346	8,608	28	3,073	289	0	635	130,979
OK	126,928	78,662	47,065	4,037	4,348	7	0	261,047
OR	424,395	31,200	176,443	2,147	7,801	0	236	642,222
PA	0	0	0	0	0	0	0	0
RI	119	27	0	0	0	4	0	150
SC	82,929	32,786	0	38,685	18,718	119	4,145	177,382
SD	844,468	125,808	1,105,167	263	21,745	200	9,940	2,107,591
TN	285,600	14,149	0	564	0	0	201	300,514
TX	4,343,415	2,050,347	8,088,141	2,816,961	537,553	31,358	62,393	17,930,168
UT	18,415	11,615	194,402	0	9,731	3	176	234,342
VT	6,207	39	0	0	0	0	3	6,249
VA	124,559	84,893	24	3,184	1,538	0	153	214,351
WA	3,991	16,787	0	3,652	378	23	2,706	27,537
WV	648	5,928	0	74	700	17	52	7,419
WI	371,277	4,251	45	2,519	2,761	0	0	380,853
WY	40,824	27,274	359,287	328	2,779	10	76	430,578
PR [1]	16,813	11,368	11,418	97	119	2	0	39,817
Total	16,211,566	3,757,583	16,945,213	3,186,124	1,293,068	34,536	262,929	41,691,019

[1] Puerto Rico and Virgin Islands.

NRCS, Operations Management and Oversight Division, (202) 720–3906.

Table 12-23.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and area covered in soil conservation districts with Natural Resources Conservation Service assistance, by States and Territories, year ending Sept. 30, 1995

State or Territory	Progress, year ending Sept. 30, 1995		
	New SCD cooperators		New conservation plans [1]
	Number	*Acres*	*Acres*
Alabama	136	6,030	16,368
Alaska	6	1,685	21,842
Arizona	74	356,016	652,834
Arkansas	444	82,519	375,299
California	359	158,942	108,749
Colorado	379	294,077	546,157
Connecticut	64	10,109	1,131
Delaware	7,154	1,106,007	373,240
Florida	328	164,471	217,744
Georgia	2	1,445	56,816
Hawaii	221	128,614	34,505
Idaho	122	27,332	206,980
Illinois	501	91,295	463,250
Indiana	71,745	4,735,275	307,759
Iowa	2,873	417,687	230,577
Kansas	157	21,823	125,463
Kentucky	595	60,476	140,788
Louisana	583	127,008	241,713
Maine	47	5,204	20,790
Maryland	87	8,990	52,279
Massachusetts	20	1,369	10,785
Michigan	39	4,126	167,356
Minnesota	2,965	83,320	1,676,000
Mississippi	640	56,286	177,414
Missouri	1,113	275,978	145,533
Montana	7	10,328	419,498
Nebraska	204	245,352	147,087
Nevada	172	62,523	41,659
New Hampshire	28	4,424	9,122
New Jersey	65	11,381	21,583
New Mexico	118	167,568	1,978,963
New York	18	973	8,041
North Carolina	877	60,847	152,688
North Dakota	19	17,626	562,714
Ohio	256	35,132	91,943
Oklahoma	1,511	1,314,339	2,638,733
Oregon	101	52,530	370,144
Pennsylvania	164	14,494	52,738
Rhode Island	8	1,116	1,157
South Carolina	877	150,082	130,763
South Dakota	319	42,075	191,338
Tennessee	1,507	135,189	2,490
Texas	2,486	1,172,265	1,336,056
Utah	123	179,604	472,126
Vermont	12	2,281	10,517
Virginia	278	15,158	137,572
Washington	9	934	50,312
West Virginia	73	17,162	32,488
Wisconsin	45	5,755	116,870
Wyoming	203	11,796	505,028
Puerto Rico [2]	136	6,030	16,368
Total	100,270	11,963,048	15,869,370

[1] Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years. [2] Puerto Rico and Virgin Islands.

NRCS, Operations Management and Oversight Division, (202) 720–3906.

Table 12-24.—Interim EQIP/GPCP [1]: Status of cost-share contracts, by States, year ending Sept. 30, 1996 [2]

State	Designated counties	Active land treatment contracts in operation	
		1996	1996
	Number	*Number*	*1,000 acres*
CO	38	115	339.6
KS	62	131	98.5
MT	46	35	379.2
NE	65	21	74.0
NM	27	25	634.8
ND	48	110	193.3
OK	44	110	63.1
SD	51	44	162.6
TX	156	220	668.5
WY	19	47	403.8
Total	556	858	3,017.4

[1] EQIP -- Environmental Quality Incentives Program; GPCP -- Great Plains Conservation Program. [2] As authorized by the Act of Congress April 4, 1996 (Public Law 127, 104th Congress).

NRCS, Conservation Operations Division, (202) 720–1845.

Table 12-25.—Great Plains Conservation Program: Status of cost-share contracts, by States, year ending Sept. 30, 1996 [1]

State	Designated counties	Active land treatment contracts in operation	
		1996	1996
	Number	*Number*	*1,000 acres*
CO	38	455	866.2
KS	62	1,135	609.5
MT	46	351	2,253.3
NE	65	534	1,262.9
NM	27	194	2,948.8
ND	48	610	1,270.2
OK	44	480	339.5
SD	51	493	1,776.4
TX	156	966	2,139.8
WY	19	273	2,576.3
Total	556	5,491	16,042.9

[1] As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

NRCS, Conservation Operations Division, (202) 720–1845.

Table 12-26.—Watershed protection and flood prevention projects: Works of improvement installed with the assistance of the Natural Resources Conservation Service with watershed protection and flood prevention funds for year ending Sept. 30, 1995 [1] [2]

Item	Unit	Watershed and flood prevention projects
Flood prevention subwatersheds in operation during year	Number	318
Watershed projects in operation during year	do	1,591
Land protected from erosion:		
Cropland	Acres	291,118
Pasture and hayland	do	158,665
Range and native pasture	do	340,303
Woodland	do	15,597
Wildlife	do	30,226
Recreation	do	3,973
Other	do	13,843
Total land [3]	do	855,634

[1] 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. No update available. [2] All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. [3] Land protected data included in Table 12-22 ''Land Protected From Erosion by Soil Conservation Practices.''

NRCS, Watershed and Wetlands Division, (202) 720–3527.

Table 12-27.—Small watershed protection and flood prevention projects: Accomplishments for years ending Sept. 30, 1992–96

Item	Unit of measure	1992	1993	1994	1995	1996
Small watershed protection: [1]						
Land treatment: [2]						
Forest land	Acres	15,480	38,322	16,806	1,905	2,193
Cropland	do	947	501	626	0	1,160
Pastureland	do	174	170	28	7,284	45
Total land treatment	do	16,601	38,993	17,460	9,189	3,398
Land owners assisted	Number	1,371	3,534	1,483	1,465	1,348
Flood prevention: [3]						
Land treatment: [2]						
Forest land	Acres	5,680	2,196	6,335	63,028	8,682
Cropland	do	.....	.....	.....	575	1,668
Pastureland	do	.....	.....	40	83	92
Total land treatment	do	5,680	2,196	6,375	63,686	10,442
Land owners assisted	Number	1,853	1,452	1,528	2,461	2,265

[1] As authorized by the Watershed Protection and Flood Prevention Act of 1954 (Public Law 83–566), as amended. Accomplishments are limited to activities accomplished solely by small watershed protection program funds. [2] Reported in land use categories consistent with those reported by the National Resources Conservation Service. [3] As authorized by the Navigation and Flood Control Act of 1944 (Public Law 78–534), as amended. Accomplishments are limited to activities accomplished solely by small watershed protection program funds.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-28.—Tree planting: Acres seeded and acres of tree planting, in States and Territories, fiscal year 1996

State or other area	Total	Federal lands			Non-federal public [1] lands	Private [2] lands
		Total	National Forest System	Other [3]		
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
AL	245,402	2,483	2,357	126	598	242,321
AK	5,477	823	823	0	4,074	580
AZ	1,505	1,307	886	421	.....	198
AR	119,040	2,113	1,658	455	820	116,107
CA	30,106	30,106	29,597	509	.....	.....
CO	7,541	1,327	1,160	167	264	5,950
CT	169	0	0	0	1	168
DE	1,282	0	0	0	10	1,272
FL	192,136	7,302	4,076	3,226	5,945	178,889
GA	367,026	1,591	1,526	65	1,021	364,414
HI	215	0	0	0	28	187
ID	45,723	27,117	26,194	923	4,441	14,165
IL	8,170	360	50	310	.....	7,810
IN	5,312	20	0	20	400	4,892
IA	6,094	133	0	133	461	5,500
KS	2,064	33	0	33	10	2,021
KY	12,249	737	728	9	.....	11,512
LA	129,443	1,542	1,342	200	1,456	126,445
ME	1,102	0	0	0	.....	1,102
MD	7,314	295	0	295	330	6,689
MA	401	1	0	1	.....	400
MI	27,266	3,309	3,309	0	9,800	14,157
MN	25,841	2,497	1,677	820	11,100	12,244
MS	275,494	7,891	6,608	1,283	44,602	223,001
MO	1,863	654	565	89	1,000	209
MT	29,847	19,588	14,211	5,377	1,533	8,726
NE	4,274	4	0	4	248	4,022
NV	221	175	25	150	10	36
NH	142	0	0	0	.....	142
NJ	751	12	0	12	99	640
NM	2,813	2,423	779	1,644	.....	390
NY	739	0	0	0	20	719
NC	130,773	1,702	1,288	414	506	128,565
ND	9,527	51	0	51	16	9,460
OH	4,198	115	99	16	.....	4,083
OK	15,645	525	0	525	110	15,010
OR	127,269	59,541	52,736	6,805	1,191	66,537
PA	13,554	147	143	4	578	12,829
RI	35	10	0	10	10	15
SC	149,880	1,638	1,618	20	1,547	146,695
SD	4,451	847	805	42	105	3,499
TN	863	863	624	239	.....	.....
TX	107,965	798	358	440	.....	107,167
UT	4,091	4,075	1,953	2,122	0	16
VT	84	84	84	0	.....	.....
VA	93,546	785	270	515	608	92,153
WA	146,508	17,484	14,574	2,910	14,400	114,624
WV	5,166	58	52	6	.....	5,108
WI	34,153	2,212	897	1,315	5,214	26,727
WY	1,471	1,461	1,287	174	.....	10
State totals	2,406,201	206,239	174,359	31,880	112,556	2,087,406
PR	254	0	0	0	86	168
Other [4]	245	0	0	0	8	237
Total	2,406,700	206,239	174,359	31,880	112,650	2,087,811

[1] State forest, other State, and other public agencies lands. [2] Forest industry, other industry, and nonindustrial lands. [3] U.S. Department of Interior and Indian Reservations, and other federal lands. [4] Guam and the Trust Territories of the Pacific Islands.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231-9376.

Table 12-29.—Forest land: Total forest land and area and ownership of timberland, by regions, Jan. 1, 1993 [1]

Region	Total forest land [2]	Timberland [3]							
		All ownerships	Federal			State, county, and municipal	Private		
			Total	National forest	Other		Total	Forest industry	Farmer and other private [4]
	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*
Northeast	85,380	79,449	2,511	2,179	333	6,165	70,772	11,858	58,914
North Central	83,108	78,350	8,312	7,366	946	13,318	56,720	4,340	52,380
North	168,488	157,799	10,823	9,545	1,279	19,483	127,492	16,198	111,294
Southeast	88,078	84,794	7,032	4,847	2,185	2,124	75,639	16,252	59,387
South Central	123,760	114,515	8,978	6,707	2,271	2,368	103,168	22,774	80,395
South	211,838	199,309	16,010	11,554	4,456	4,492	178,807	39,026	139,782
Great Plains	4,232	3,529	993	943	49	149	2,388	24	2,363
Intermountain	135,499	59,099	38,749	35,459	3,291	2,498	17,852	2,894	14,959
Rocky Mountains	139,731	62,628	39,742	36,402	3,340	2,647	20,240	2,918	17,322
Alaska	129,131	15,068	4,241	3,780	460	4,642	6,185	.....	6,185
Pacific Northwest	48,481	37,851	17,160	15,010	2,150	3,131	17,561	9,034	8,527
Pacific Southwest [5]	39,011	16,900	8,679	8,370	309	445	7,776	3,280	4,497
Pacific Coast	216,623	69,819	30,080	27,160	2,919	8,218	31,522	12,314	19,209
All regions	736,680	489,555	96,655	84,661	11,994	34,840	358,061	70,456	287,607

[1] Data may not add to totals because of rounding. [2] 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 nonforested 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 clearings in forest areas are classified as forest if less than 120 feet in width. [3] Timberland is forest land that is producing or is capable of producing crops of industrial wood and that is not withdrawn from timber utilization by statute or administrative regulation. Areas qualifying as timberland have the capability of producing more than 20 cubic feet per acre per year of industrial wood in natural stands. Currently inaccessible and inoperable areas are included. [4] Includes Indian lands. [5] Includes Hawaii.

No update available until 1999.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-30.—Timber volume: Net volume of growing stock and sawtimber on timberland, by softwoods and hardwoods, and regions, Jan. 1, 1993 [1]

Region	Growing stock [2]			Sawtimber [3]		
	All species	Softwoods	Hardwoods	All species	Softwoods	Hardwoods
	Million cubic feet	*Million cubic feet*	*Million cubic feet*	*Million board feet*	*Million board feet*	*Million board feet*
Northeast	121,800	33,580	88,220	302,608	87,051	215,557
North Central	85,319	17,397	67,923	236,918	49,896	187,022
North	207,119	50,977	156,143	539,526	136,947	402,579
Southeast	120,872	51,931	68,941	380,400	174,692	205,708
South Central	129,722	50,996	78,726	461,231	214,052	247,179
South	250,594	102,927	147,667	841,631	388,744	452,887
Great Plains	3,656	1,935	1,722	12,515	6,945	5,570
Intermountain	106,582	99,552	7,030	402,087	389,629	12,458
Rocky Mountains	110,238	101,487	8,752	414,602	396,574	18,028
Alaska	35,382	31,144	4,238	153,524	145,616	7,909
Pacific Northwest	124,642	113,227	11,415	711,972	670,357	41,614
Pacific Southwest [4]	57,643	50,134	7,509	330,288	308,312	21,977
Pacific Coast	217,667	194,505	23,162	1,195,784	1,124,285	71,500
All regions	785,618	449,896	335,724	2,991,543	2,046,550	944,994

[1] Data may not add to totals because of rounding. [2] Live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. [3] Live trees of commercial species containing at least one 12-foot sawlog or two noncontiguous 8-foot logs, and meeting regional specifications for freedom from defect. Softwood trees must be at least 9.0-inches diameter and hardwood trees must be at least 11.0-inches diameter at 4½ feet above ground. [4] Includes Hawaii.

No update available until 1999.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-31.—Timber removals: Roundwood product output, logging residues and other removals from growing stock and other sources, by softwoods and hardwoods, 1991 [1]

Roundwood products, logging residues, and other removals	All sources			Growing stock [2]			Other sources [3]		
	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods
	Million cubic feet	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*
Roundwood products:									
Sawlogs	7,351	5,435	1,916	6,911	5,173	1,738	440	262	178
Pulpwood	5,049	3,067	1,982	4,110	2,474	1,636	939	594	346
Veneer logs	1,364	1,242	123	1,290	1,174	116	75	68	6
Other products [4]	938	831	107	883	798	84	56	33	23
Fuelwood	3,187	606	2,581	848	230	618	2,339	376	1,963
Total	17,889	11,181	6,709	14,042	9,849	4,192	3,849	1,333	2,516
Logging residues [5]	3,457	1,850	1,607	1,345	773	572	2,112	1,077	1,035
Other removals [7]	1,516	428	1,088	922	335	587	594	93	501
Total	4,973	2,278	2,695	2,267	1,108	1,159	2,706	1,170	1,536

[1] Data may not add to totals because of rounding. [2] Includes live trees of commercial species meeting specified standards of quality or vigor. Cull trees are excluded. Includes only trees 5.0-inches diameter or larger at 4½ feet above ground. [3] Includes salvable dead trees, rough and rotten trees, trees of noncommercial species, trees less than 5.0-inches diameter at 4½ feet above ground, tops, and roundwood harvested from nonforest land (for example, fence rows). [4] Includes such items as cooperage, pilings, poles, posts, shakes, shingles, board mills, charcoal and export logs. [5] Downed and dead wood volume left on the ground after trees have been cut on timberland. [6] Net of wet rot or advanced dry rot, and excludes old punky logs; consists of material sound enough to chip; excludes stumps and limbs. [7] Unutilized wood volume from cut or otherwise killed growing stock, from nongrowing stock sources on timberland (for example, precommercial thinnings), or from timberland clearing. Does not include volume removed from inventory through reclassification of timberland to reserved timberland.

No update availabe until 1999.
FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-32.—Timber growth, removals and mortality: Net annual growth, removals, and mortality of growing stock on timberland by softwoods and hardwoods and regions, 1991 [1]

Region	Growth [2]			Removals [3]			Mortality [4]		
	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods	All species	Soft-woods	Hard-woods
	Million cubic feet	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*	*Million cubic feet*
Northeast	3,093	714	2,379	1,319	500	820	782	281	501
North Central	2,269	500	1,769	1,468	242	1,226	786	166	621
North	5,362	1,214	4,148	2,787	742	2,046	1,568	447	1,122
Southeast	4,323	2,378	1,945	4,171	2,761	1,410	1,180	639	541
South Central	5,509	2,722	2,786	4,781	3,057	1,724	1,028	428	600
South	9,832	5,100	4,731	8,952	5,818	3,134	2,208	1,067	1,141
Great Plains	98	47	51	51	35	16	27	8	19
Intermountain	2,074	1,938	136	776	762	14	661	597	64
Rocky Mountains	2,172	1,985	187	827	797	30	688	605	83
Alaska	270	173	97	240	235	5	206	196	10
Pacific Northwest	2,904	2,566	338	2,594	2,477	116	605	493	111
Pacific Southwest [5]	1,087	935	151	908	886	22	205	184	21
Pacific Coast	4,261	3,674	586	3,742	3,598	143	1,016	873	142
All regions	21,627	11,973	9,652	16,308	10,955	5,353	5,480	2,992	2,488

[1] Data may not add to totals because of rounding. [2] The net increase in the volume of trees during a specified year. Components include the increment in net volume of trees at the beginning of the specific year surviving to its end, plus the net volume of trees reaching the minimum size class during the year, minus the volume of trees that died during the year, and minus the net volume of trees that became cull trees during the year. [3] The net volume of trees removed from the inventory during a specified year by harvesting, cultural operations such as timber stand improvement, or land clearing. [4] The volume of sound wood in trees that died from natural causes during a specified year. [5] Includes Hawaii.

No update until 1999.
FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-33.—Timber volume: Net volume of sawtimber on timberland in the West, by regions and species, Jan. 1, 1992 [1]

Species	Total West	Intermountain	Alaska	Pacific Northwest	Pacific Southwest [2]
	Million board feet	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*
Softwoods:					
Douglas-fir	528,557	94,599	.....	348,073	85,886
Ponderosa and Jeffrey pines	199,516	77,099	.....	62,463	59,953
True fir	211,657	57,029	10	68,232	86,386
Western hemlock	169,373	4,528	53,668	110,979	198
Sugar pine	25,539	22	.....	3,377	22,141
Western white pine	13,599	6,740	.....	4,418	2,442
Redwood	30,210	.....	.....	606	29,605
Sitka spruce	58,792	.....	47,812	10,786	194
Engelmann and other spruces	92,159	62,576	22,848	6,623	111
Western larch	28,931	17,209	.....	11,721	.....
Incense cedar	14,621	27	.....	1,185	13,408
Lodgepole pine	74,763	54,937	157	14,124	5,544
Other	66,197	14,861	21,121	27,770	2,444
Total	1,513,914	389,629	145,616	670,357	308,312
Hardwoods:					
Cottonwood and aspen	20,713	12,430	4,769	3,460	54
Red alder	27,170	.....	81	26,709	381
Oak	12,247	.....	.....	1,068	11,180
Other	23,827	29	3,059	10,377	10,362
Total	83,958	12,458	7,909	41,614	21,977
All species	1,597,871	402,087	153,524	711,972	330,288

[1] International ¼-inch rule. Data may not add to totals because of rounding. [2] Includes Hawaii.

No update available until 1999.
FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-34.—Timber volume: Net volume of sawtimber on timberland in the East, by regions and species, Jan. 1, 1992 [1]

Species	Total East	North			South			Great Plains
		Total	Northeast	North Central	Total	Southeast	South Central	
	Million board feet	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*
Softwoods:								
Longleaf and slash pines	54,206	.....	.....	.....	54,206	35,169	19,037	.....
Loblolly and shortleaf pines	271,424	4,463	1,990	2,473	266,961	94,215	172,746	.....
Other yellow pines	33,123	4,486	3,607	879	28,637	19,384	9,253	.....
White and red pines	55,581	46,988	29,192	17,796	8,593	7,312	1,281	.....
Jack pine	4,542	4,534	.....	4,534	.....	.....	.....	8
Spruce and balsam fir	37,969	37,651	28,056	9,595	80	80	.....	238
Eastern hemlock	25,673	22,995	18,916	4,079	2,678	1,852	826	.....
Cypress	25,346	133	16	117	25,213	15,683	9,530	.....
Other	24,773	15,698	5,275	10,423	2,375	997	1,378	6,700
Total	532,636	136,947	87,051	49,896	388,744	174,692	214,052	6,945
Hardwoods:								
Select white oaks	88,875	38,135	13,335	24,800	49,986	21,308	28,678	754
Select red oaks	76,870	47,751	28,886	18,865	28,844	11,610	17,234	275
Other white oaks	54,297	15,462	10,933	4,529	38,774	17,088	21,686	61
Other red oaks	127,046	34,871	16,408	18,463	92,037	36,665	55,372	138
Hickory	47,992	15,703	6,555	9,148	32,141	10,339	21,802	148
Yellow birch	11,795	11,560	9,534	2,026	235	223	12	.....
Hard maple	55,746	50,973	32,499	18,474	4,765	1,210	3,555	8
Soft maple	65,345	48,944	34,938	14,006	16,228	11,864	4,364	173
Beech	29,479	20,134	16,477	3,657	9,345	3,023	6,322	.....
Sweetgum	46,249	1,903	1,389	514	44,346	19,948	24,398	.....
Tupelo and black gum	33,578	1,518	1,150	368	32,060	21,143	10,917	.....
Ash	27,986	15,184	5,090	10,094	12,294	4,947	7,347	508
Basswood	12,644	10,545	2,809	7,736	1,999	1,072	927	100
Yellow-poplar	75,788	22,826	17,004	5,822	52,962	33,398	19,564	.....
Cottonwood and aspen	33,060	27,878	1,239	26,639	3,646	418	3,228	1,536
Black walnut	4,525	2,902	659	2,243	1,297	481	816	326
Black cherry	13,713	12,526	9,556	2,970	1,183	412	771	4
Other	56,052	23,764	7,098	16,666	30,746	10,558	20,188	1,542
Total	861,036	402,579	215,557	187,022	452,887	205,708	247,179	5,570
All species	1,393,672	539,526	302,608	236,918	841,631	380,400	461,231	12,515

[1] International ¼-inch rule. Data may not add to totals because of rounding.

No update available until 1998.
FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-35.—National Forest System: National Forest System lands and other lands in States and Territories, Sept. 30, 1996

State or other area	Gross acreage	National Forest System acreage [1]	Other acreage [2]	State or other area	Gross acreage	National Forest System acreage [1]	Other acreage [2]
	1,000 acres	*1,000 acres*	*1,000 acres*		*1,000 acres*	*1,000 acres*	*1,000 acres*
AL	1,289	663	626	NH	826	724	102
AK	24,236	22,005	2,231	NM	10,371	9,327	1,044
AZ	11,891	11,251	640	NY	15	15	0
AR	3,508	2,553	955	NC	3,168	1,242	1,926
CA	24,408	20,628	3,780	ND	1,106	1,106	.....
CO	16,072	14,502	1,570	OH	838	222	616
CT	0	0	0	OK	466	302	164
FL	1,266	1,147	119	OR	17,511	15,664	1,847
GA	1,847	865	982	PA	743	513	230
HI	0	0	0	SC	1,377	612	765
ID	21,673	20,443	1,230	SD	2,366	2,014	352
IL	842	273	569	TN	1,217	633	584
IN	647	194	453	TX	1,995	755	1,240
KS	116	108	8	UT	9,203	8,112	1,091
KY	2,107	688	1,419	VT	820	355	465
LA	1,027	604	423	VA	3,229	1,655	1,574
ME	93	53	40	WA	10,071	9,175	896
MI	4,898	2,855	2,043	WV	1,869	1,032	837
MN	5,479	2,832	2,647	WI	2,024	1,520	504
MS	2,312	1,156	1,156	WY	9,703	9,258	445
MO	3,065	1,492	1,573	PR	56	28	28
MT	19,130	16,873	2,257	VI	0	0	0
NE	442	352	90				
NV	6,285	5,816	469	Total	231,605	191,615	39,990

[1] *National Forest System acreage.*—A nationally significant system of Federally owned units of forest, range, and related land consisting of national forests, purchase units, national grasslands, land utilization project areas, experimental forest areas, experimental range areas, designated experimental areas, other land areas; water areas, and interests in lands that are administered by USDA Forest Service or designated for administration through the Forest Service.

National forests.—Units formally established and permanently set aside and reserved for national forest purposes.

Purchase units.—Units designated by the Secretary of Agriculture or previously approved by the National Forest Reservation Commission for purposes of Weeks Law Acquisition.

National grasslands.—Units designated 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.—Units designated by the Secretary of Agriculture for conservation and utilization under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Units reserved and dedicated by the Secretary of Agriculture for forest or range research and experimentation.

Other areas.—Units administered by the Forest Service that are not included in the above groups. [2] *Other acreage.*—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. [3] Less than 500 acres.

No update available until 1998.

FS, Timber, Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-36.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1987–96

Year [1]	Timber cut [2]		Value of miscellaneous forest products [4]	Total value including free-use timber
	Volume	Value [3]		
	Million bd. ft.	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	12,712	1,015,995	1,905	1,018,977
1988	12,649	1,239,788	2,031	1,242,988
1989	11,951	1,309,732	2,239	1,313,186
1990	10,500	1,187,618	2,580	1,191,209
1991	8,475	1,008,586	2,747	1,012,342
1992	7,290	934,504	2,655	937,991
1993	5,917	914,646	2,791	918,225
1994	4,815	783,038	3,138	796,926
1995	3,866	616,117	2,935	619,732
1996	3,725	544,349	3,262	619,732

[1] Fiscal years Oct. 1–Sept. 30. [2] Commercial and cost sales and land exchanges. [3] Includes collections for forest restoration or improvement under the Knutson-Vandenberg Act, 1930. [4] Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-37.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1987–96

Year [1]	From the use of timber [2]	From the use of grazing	From special land uses, water power, etc.	Total [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	807,941	8,104	82,348	898,393
1988	888,374	8,738	83,050	980,162
1989	909,517	10,950	130,349	1,050,816
1990	849,468	10,419	111,500	971,387
1991	667,073	11,457	93,114	771,644
1992	520,003	10,780	83,505	614,288
1993	425,105	10,518	67,955	503,578
1994	431,615	11,056	72,196	514,867
1995	303,046	8,756	74,943	386,745
1996	195,000	7,352	71,183	273,535

[1] Fiscal years Oct. 1–Sept. 30. [2] Includes receipts from Oregon and California Railroad Grant Lands.

FS, Timber Demand and Technology Assessment, RUW-4851, (608) 231–9376.

Table 12-38.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years 1994–96 [1] [2]

State or other areas	1994	1995	1996	State or other areas	1994	1995	1996
	1,000 dollars	*1,000 dollars*	*1,000 dollars*		*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,271	1,468	2,050	NM	1,459	1,103	653
AK	8,782	7,601	5,906	NY	8	6	6
AZ	3,949	3,182	1,632	NC	679	942	692
AR	4,535	4,938	6,648	ND	(3)	(3)	(3)
CA	50,981	43,046	36,158	OH	30	16	11
CO	6,319	5,584	5,956	OK	595	644	883
FL	1,068	1,334	1,066	OR	119,791	109,647	95,239
GA	892	759	908	PA	5,302	5,362	6,207
ID	25,228	15,031	17,458	SC	1,586	1,359	960
IL	38	33	28	SD	2,631	2,840	2,350
IN	18	14	7	TN	385	442	319
KY	447	311	494	TX	3,599	2,893	4,337
LA	2,577	2,175	2,736	UT	2,373	1,553	1,831
ME	33	33	35	VT	167	178	257
MI	1,964	2,505	2,384	VA	820	997	822
MN	2,819	2,977	3,179	WA	31,914	30,089	29,429
MS	5,928	7,224	8,276	WV	761	1,404	1,861
MO	1,236	1,170	1,232	WI	1,206	1,328	1,621
MT	14,482	10,556	9,383	WY	2,192	1,881	1,844
NE	68	37	31	PR	26	15	21
NV	520	322	299				
NH	481	485	510	Total	178,518	273,483	255,720

[1] Fiscal years Oct. 1–Sept. 30. [2] 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. [3] Less than $500.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-39.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1987–96

Year	Number grazed [1]		Receipts from grazing [2]
	Cattle, horses, and burros	Sheep and goats	
	Thousands	*Thousands*	*1,000 dollars*
1987	1,410	1,134	8,104
1988	1,313	1,067	8,738
1989	1,526	972	10,950
1990	1,236	958	10,419
1991	1,265	1,029	11,457
1992	1,408	1,183	10,780
1993	1,318	1,111	10,518
1994	1,229	941	11,056
1995	1,227	940	8,756
1996	1,174	868	7,352

[1] Calendar year data for number actually grazed. [2] Fiscal years Oct. 1–Sept. 30.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-40.—Livestock on National Forest System lands: Number grazed and grazing receipts for the year ending Sept. 30, 1992, by States

State or other area	Number grazed [1]		Receipts from grazing
	Cattle, horses, and burros	Sheep and goats	
	Number	*Number*	*Dollars*
AL	284	.....	618.80
AZ	115,929	22,364	1,647,141.56
AR	1,196	46	39,044.80
CA	83,710	54,878	592,633.14
CO	165,078	205,280	1,310,956.54
FL	1,543	.....	18,885.00
GA	381	.....	8,080.13
ID	124,775	213,803	977,513.91
IL	814	.....	166.63
KS	6,849	.....	25,700.98
KY	43	.....	319.19
LA	999	.....	25,718.78
MI	279	.....	1,557.46
MN	62	.....	136.41
MS	12	.....	3,426.08
MO	4,181	.....	27,154.21
MT	114,619	25,324	820,928.80
NE	20,519	.....	158,367.34
NV	55,509	66,568	402,126.96
NM	83,217	17,802	1,235,863.58
NY	1,499	.....	56.79
ND	43,811	445	443,840.30
OH	202	.....	961.38
OK	3,319	.....	28,620.18
OR [2]	83,934	30,897	618,786.04
SD	70,091	5,425	547,594.81
TX	7,885	.....	97,788.34
UT	83,669	223,541	836,937.32
VT	47	.....	0
VA	1,120	.....	10,694.21
WA	21,559	13,532	169,044.36
WV	1,116	126	18,585.00
WY	117,779	136,534	709,486.02
National forests	1,049,243	990,720	9,464,412.41
National grasslands and land utilization project land	166,787	25,845	1,314,322.64
Total	1,216,030	1,016,565	10,778,735.05

No update available until 1999.

[1] Calendar year 1991 data for number actually grazed. [2] Figure does not include $2,285.44 receipts from Oregon & CA Railroad Grant.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-41.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1987–96

Year	Douglas-fir [1]	Southern pine [2]	Ponderosa pine [3]	Western hemlock [4]	All eastern hardwoods [5]	Oak, white, red, and black [5]	Maple, sugar [6]
	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.*
1987	190.20	135.70	209.30	105.40	88.10	146.80	80.50
1988	256.00	141.90	182.10	162.90	151.30	146.30	108.40
1989	389.80	131.40	292.00	223.30	135.80	178.90	128.60
1990	466.40	126.70	252.20	203.00	146.10	188.30	135.30
1991	395.00	166.10	237.60	164.10	160.10	163.60	120.70
1992	477.20	198.40	292.30	164.60	166.60	211.20	144.60
1993	317.75	217.21	535.17	363.66	264.06	194.57	219.52
1994	652.36	265.85	291.35	334.80	352.07	317.40	313.37
1995	453.54	248.49	149.94	297.09	313.92	296.59	285.57
1996	453.04	251.05	269.97	289.30	312.57	264.44	213.20

[1] Western Washington and western Oregon. [2] Southern region. [3] Pacific Southwest region. Includes Jeffrey pine. [4] Pacific Northwest region. [5] Eastern and Southern regions. [6] Eastern region.

Forest Service National Forest prices in this table are for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International ¼-inch log rule is used. Prices include KV payments; exclude timber sold by land exchanges and from land utilization project lands. Data for 1983 are statistical high bid prices; beginning in 1984, data are high bid prices which include specified road costs.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-42.—National Forest System lands: Number of visitor-days, 1986–96, by activity, States, and Puerto Rico, 1996 [1]

Year and activity	Visitor-days	Percent	1996			
			State or other area	Visitor-days	State or other area	Visitor-days
	Thousands			*Thousands*		*Thousands*
			AL	689	NH	3,354
1986	226,533		AK	6,962	NM	9,326
1987	238,458		AZ	35,000	NY	39
1988	242,316		AR	2,210	NC	6,979
1989	252,495		CA	71,165	ND	133
1990	263,051		CO	30,971	OH	524
1991	278,849		FL	2,960	OK	393
1992	287,690		GA	2,925	OR	37,029
1993	295,473		ID	15,365	PA	3,268
1994	330,348		IL	1,188	SC	1,011
1995	345,083		IN	684	SD	3,571
1996	341,200		KS	86	TN	3,309
1996 activity:			KY	2,326	TX	2,302
Mechanized travel and viewing scenery	122,141	35.8	LA	599	UT	19,378
Camping, picnicking and swimming	87,082	25.5	ME	158	VT	1,395
Hiking, horseback riding and water travel	33,099	9.7	MI	4,866	VA	4,927
Winter sports	19,708	5.8	MN	5,982	WA	24,797
Hunting	19,384	5.7	MS	1,828	WV	1,499
Resorts, cabins and organization camps	17,702	5.2	MO	2,518	WI	2,527
Fishing	18,160	5.3	MT	13,495	WY	9,114
Nature studies	3,299	1.0	NE	320	PR	171
Other [2]	20,627	6.0	NV	3,857		
Total [3]	341,200	100.0			Total [3]	341,200

[1] Recreational use of national forest land and water that aggregates 12 visitor-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. Fiscal years Oct. 1–Sept. 30. [2] Includes team sports, gathering forest products, attending talks and programs, and other uses. [3] Data may not add to total because of rounding.

FS, Timber Demand and Technology Assessment, RWU -4851 (608) 231–9376.

Table 12-43.—Timber products: Production, imports, exports, and consumption, United States, 1986–95 [1]

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Production	Imports	Exports	Consumption	Production	Imports	Exports	Consumption	Production	Imports [2]	Exports [2]	Consumption
	Million cu. ft.³	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*
1986	6,545	2,285	385	8,445	1,505	185	65	1,625	4,545	1,895	1,080	5,360
1987	6,990	2,380	510	8,860	1,650	190	80	1,760	4,670	1,985	1,195	5,465
1988	6,920	2,225	720	8,425	1,630	165	100	1,695	4,885	2,045	1,345	5,585
1989	7,206	2,206	628	8,785	1,406	115	98	1,423	4,875	1,017	639	5,253
1990	6,892	1,890	564	8,219	1,368	96	110	1,354	4,645	949	648	4,967
1991	6,444	1,695	593	7,546	1,216	83	95	1,204	4,844	929	741	5,032
1992	6,793	1,944	537	8,200	1,265	100	107	1,168	4,980	930	802	5,108
1993	6,636	2,223	506	8,353	1,257	101	101	1,257	4,899	995	736	5,157
1994	7,323	2,420	482	9,261	1,310	94	87	1,317	5,418	1,151	782	5,787
1995	7,034	2,556	461	9,129	1,297	108	91	1,314	5,536	1,232	897	5,870

Year	Industrial roundwood used for—Continued								Fuelwood production and consumption	Production, all products	Consumption, all products
	Other industrial products,[4] production and consumption	Logs		Pulpwood chip exports	Total						
		Imports	Exports		Production	Imports	Exports	Consumption			
	Million cu. ft.³	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*	*Million cu. ft.³*
1986	475	15	620	150	13,845	4,375	2,300	15,920	3,115	16,960	19,030
1987	495	15	705	160	14,670	4,575	2,650	16,595	3,150	17,820	19,745
1988	510	15	825	215	14,985	4,445	3,200	16,230	3,360	18,345	19,590
1989	510	6	753	123	14,664	3,455	2,244	16,694	3,041	18,580	19,735
1990	516	4	674	123	14,124	3,054	2,103	15,825	3,019	17,941	18,844
1991	512	2	601	179	13,741	2,807	2,218	15,064	3,029	17,550	18,092
1992	526	7	525	220	14,384	3,095	2,196	15,987	3,043	18,171	19,031
1993	525	15	460	195	14,189	3,470	2,005	16,268	3,083	17,928	19,352
1994	556	18	429	212	14,607	3,710	1,992	16,922	3,134	18,381	20,056
1995	567	13	451	249	14,434	3,965	2,149	16,881	3,194	18,327	20,074

[1] Data may not add to totals because of rounding. [2] Includes both pulpwood and the pulpwood equivalent of woodpulp, paper, and board. [3] Roundwood equivalent. [4] Includes cooperage logs, poles and piling, fence posts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.

No update availabe until 1999.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-44.—Lumber: Production, United States, 1987–96

Year	Total	Softwoods	Hardwoods
	Million bd. ft.	*Million bd. ft.*	*Million bd. ft.*
1987	49,395	38,235	11,160
1988	49,576	38,130	11,446
1989	48,533	37,545	10,988
1990	46,495	35,791	10,704
1991	43,374	33,161	10,213
1992	45,736	34,526	11,210
1993	45,117	33,346	11,771
1994	43,743	32,725	11,018
1995	44,400	31,966	12,434
1996	33,932	33,932	12,846

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. From data published by the American Forest and Paper Association.

Table 12-45.—Timber products: Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1987–96 [1]

Year	Pulpwood consumption [2]	Woodpulp production [3]	Paper and board [4]		
			Production	Consumption or new supply [5]	Per capita consumption
	1,000 cords [6]	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Pounds*
1987	93,051	62,392	75,951	83,764	687
1988	94,495	63,798	78,299	85,718	700
1989	98,287	62,598	78,573	(7) 85,373	690
1990	98,154	63,649	80,445	(7) 86,796	695
1991	97,605	64,237	81,234	(7) 85,071	673
1992	102,939	65,943	84,701	88,273	691
1993	105,356	63,505	86,693	91,538	709
1994	105,995	65,095	91,109	95,930	736
1995	95,000	65,789	91,369	96,079	731
1996	90,439	64,191	92,054	94,350	711

[1] Revised to match data from American Forest and Paper Association and American Pulpwood Association. [2] Includes changes in stocks. [3] Excludes defibrated and exploded woodpulp used for hard pressed board. [4] Excludes hardboard. [5] Production plus imports and minus exports (excludes products); changes in inventories not taken into account. [6] One cord equals 128 cubic feet. [7] Imports and exports 1989–1991 exclude insulating board.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. Compiled from U.S. Department of Commerce and American Forest and Paper Association.

Table 12-46.—Timber products: Producer price indexes, selected products, United States, 1987–96

[1982=100]

Year	Lumber	Softwood plywood	Woodpulp	Paper	Paperboard
1987	93.2	74.7	93.1	90.6	87.9
1988	92.5	74.2	114.1	100.1	99.1
1989	90.8	84.5	131.4	105.3	104.2
1990	86.8	81.4	126.3	104.6	101.0
1991	86.9	82.2	99.5	103.1	96.9
1992	100.0	100.0	100.0	100.0	100.0
1993	125.0	115.4	87.0	100.6	96.7
1994	127.0	120.3	97.2	102.2	104.3
1995	112.6	128.0	152.9	129.2	136.2
1996	114.2	118.3	111.7	121.4	116.1

FS. Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. Compiled from reports of the U.S. Department of Labor, Bureau of Labor Statistics.

Table 12-47.—Timber products: Structual panels, LVL, and lumber production, United States, 1987–96

Year	Laminated veneer lumber [1]	Oriented strand board	Plywood	Medium-density fiberboard	Lumber	
					Hardwood	Softwood [2]
	Million cubic meters	*Million cubic meters*	*Million cubic meters*	*Million cubic meters*	*Million cubic meters*	*Million cubic meters*
1987	0.25	3.61	20.63	1.64	17.7	64.9
1988	0.31	4.07	20.42	1.72	18.2	64.8
1989	0.34	4.52	18.94	1.72	17.7	63.8
1990	0.45	4.79	18.32	1.68	17.0	60.9
1991	0.51	4.97	16.55	1.70	16.0	56.4
1992	0.57	5.89	17.11	1.89	16.8	58.7
1993	0.71	6.20	17.09	2.05	25.0	55.9
1994	0.79	6.67	16.87	2.21	26.0	58.0
1995	0.98	6.99	17.14	1.96	29.3	54.7
1996	1.12	8.24	16.98	2.17	30.2	57.6

[1] Prior to 1994, data are estimates from various articles and reports. [2] Revised due to softwood conversion factor of 1.7 (2.36 was previously used).

FS. Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

CHAPTER XIII

CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities of food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income.

Table 13-1.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1988–97

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	Millions	*Millions*		*Millions*	*Millions*
1988	241.7	242.8	1993	255.0	256.3
1989	244.0	245.1	1994	257.7	258.9
1990	246.5	247.8	1995	260.3	261.4
1991	249.2	250.5	1996	262.7	263.9
1992	252.0	253.4	1997	265.2	266.3

ERS, Population, Labor, and Income Branch (202) 694–5436. Compiled from reports of the U.S. Department of Commerce.

Table 13-2.—Macronutrients: Quantities available for consumption per capita per day, United States, 1970–94 [1]

Year	Food energy	Protein	Fat				Cholesterol	Carbohydrate
			Total fat	Saturated	Monounsaturated	Polyunsaturated		
	Kilocalories	*Grams*	*Grams*	*Grams*	*Grams*	*Grams*	*Milligrams*	*Grams*
1970	3,300	386	95	154	54	63	26	470
1971	3,300	387	96	154	55	63	26	470
1972	3,300	386	95	155	54	63	27	460
1973	3,200	390	94	150	52	61	27	440
1974	3,200	383	94	151	52	62	27	440
1975	3,200	385	93	146	50	59	27	430
1976	3,300	399	97	152	51	60	29	430
1977	3,300	398	96	149	51	59	28	430
1978	3,200	392	95	150	51	59	29	430
1979	3,300	400	96	151	51	60	30	430
1980	3,300	406	96	153	52	60	30	430
1981	3,300	394	96	153	51	61	30	430
1982	3,300	396	96	152	51	60	30	420
1983	3,300	400	97	157	53	62	31	430
1984	3,400	404	98	155	53	62	29	430
1985	3,500	420	101	163	55	65	32	430
1986	3,500	425	102	162	54	65	32	420
1987	3,500	436	103	160	53	64	32	420
1988	3,600	443	105	161	53	64	33	420
1989	3,500	445	104	156	51	63	32	410
1990	3,600	458	105	156	51	63	32	400
1991	3,600	464	107	155	50	63	32	400
1992	3,700	473	108	158	52	64	32	410
1993	3,700	482	108	161	52	66	32	410
1994	3,800	491	110	159	52	65	31	410

See footnote at end of table.

Table 13-2.—Vitamins: Quantities available for consumption per capita per day, United States, 1970–94 [1]—Continued

Year	Vitamins									
	Vitamin A	Carotenes	Vitamin E	Vitamin C	Thiamin	Riboflavin	Niacin	Vitamin B_6	Folate	Vitamin B_{12}
	Micrograms retinol equivalent	*Micrograms retinol equivalent*	*Milligrams alpha-tocopherol*	*Milligrams*	*Milligrams*	*Milligrams*	*Milligrams*	*Milligrams*	*Micrograms*	*Micrograms*
1970	1,500	510	13.7	107	2.0	2.3	22	2.0	279	9.5
1971	1,510	520	13.5	108	2.0	2.3	22	2.0	280	9.5
1972	1,530	550	13.9	108	2.0	2.3	22	2.0	279	9.4
1973	1,520	580	14.4	106	2.0	2.3	22	1.9	284	8.9
1974	1,560	600	14.2	108	2.1	2.3	23	2.0	276	9.2
1975	1,550	620	14.4	112	2.2	2.3	24	1.9	298	8.8
1976	1,580	620	14.7	113	2.3	2.5	26	2.0	303	9.1
1977	1,530	580	14.2	112	2.3	2.4	25	2.0	302	9.0
1978	1,510	580	14.5	108	2.2	2.4	25	1.9	291	8.7
1979	1,530	610	14.6	109	2.3	2.4	25	2.0	299	8.5
1980	1,520	600	14.6	112	2.3	2.4	25	2.0	292	8.4
1981	1,510	600	14.7	109	2.3	2.4	26	2.0	292	8.5
1982	1,510	620	15.0	110	2.3	2.4	25	2.0	298	8.2
1983	1,500	600	15.4	115	2.3	2.4	26	2.0	301	8.4
1984	1,530	640	14.9	112	2.3	2.5	26	2.0	295	8.5
1985	1,520	630	16.2	114	2.4	2.5	27	2.1	310	8.5
1986	1,500	610	16.3	118	2.4	2.5	27	2.1	313	8.4
1987	1,530	640	16.4	115	2.5	2.5	27	2.1	304	8.5
1988	1,470	610	16.9	116	2.5	2.5	28	2.1	316	8.3
1989	1,500	640	16.5	115	2.6	2.5	28	2.2	308	8.2
1990	1,530	670	16.6	111	2.6	2.5	28	2.2	311	8.2
1991	1,500	640	17.0	115	2.6	2.5	28	2.2	321	8.2
1992	1,540	670	17.1	117	2.7	2.6	29	2.3	326	8.3
1993	1,530	670	17.6	122	2.7	2.6	29	2.3	329	8.0
1994	1,520	660	16.9	124	2.7	2.6	29	2.3	331	8.1

Year	Minerals						
	Calcium	Phosphorus	Magnesium	Iron	Zinc	Copper	Potassium
	Milligrams	*Milligrams*	*Milligrams*	*Milligrams*	*Milligrams*	*Milligrams*	*Milligrams*
1970	890	1,460	320	15.4	12.2	1.6	3,510
1971	890	1,470	320	15.6	12.3	1.6	3,500
1972	890	1,470	330	15.6	12.2	1.6	3,490
1973	880	1,440	330	15.8	11.8	1.6	3,460
1974	850	1,430	320	18.1	12.0	1.6	3,410
1975	840	1,430	320	19.8	11.8	1.7	3,440
1976	890	1,480	330	23.8	12.3	1.7	3,530
1977	880	1,470	320	23.3	12.2	1.7	3,460
1978	880	1,460	320	23.0	12.0	1.6	3,410
1979	890	1,480	330	16.1	11.9	1.7	3,480
1980	870	1,460	320	16.0	11.8	1.7	3,440
1981	860	1,460	320	16.2	11.9	1.7	3,400
1982	870	1,460	330	16.4	11.9	1.7	3,430
1983	890	1,490	330	17.4	12.1	1.7	3,490
1984	900	1,500	330	18.4	12.1	1.7	3,500
1985	920	1,540	350	19.1	12.5	1.8	3,590
1986	930	1,570	350	19.2	12.6	1.8	3,650
1987	930	1,580	350	19.3	12.5	1.8	3,590
1988	930	1,600	360	19.8	12.7	1.8	3,630
1989	920	1,600	360	19.8	12.6	1.8	3,630
1990	940	1,620	370	20.2	12.7	1.8	3,650
1991	940	1,630	380	20.5	12.8	1.9	3,690
1992	950	1,660	380	20.8	13.0	1.9	3,750
1993	950	1,650	380	20.9	13.0	1.9	3,750
1994	960	1,680	380	21.2	13.2	1.9	3,780

[1] Computed by Center for Nutrition Policy and Promotion (CNPP), USDA. Based on Economic Research Service estimates of per capita quantities of food available for consumption (retail weight) and on CNPP estimates of quantities of produce from home gardens and certain other foods. No deduction is made in food supply estimates for loss of food or nutrients in further processing, in marketing, or in the home. Data include iron, thiamin, riboflavin, niacin, vitamin A, vitamin B_6, vitamin B_{12} and ascorbic acid added by enrichment and fortification.

Center for Nutrition Policy and Promotion (CNPP), (202) 606–4839.

Table 13-3.—Food nutrients: Percentage of total contributed by major food groups, 1970 [1]

Nutrient	Meat, poultry, fish	Dairy [3] products	Eggs	Fats,[4] oils	Fruits		
					Citrus	Non- citrus	Total [6]
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Food energy	19.8	10.6	2.0	17.8	0.9	2.1	2.9
Carbohydrate	0.1	6.4	0.1	0.0	1.8	4.3	6.1
Protein	40.3	21.2	5.7	0.1	0.5	0.7	1.2
Total fat	34.6	12.6	2.8	42.7	0.1	0.3	0.4
Saturated fat	37.2	22.3	2.5	32.7	([2])	0.2	0.2
Monounsaturated fat	37.4	8.8	2.6	45.0	([2])	0.3	0.3
Polyunsaturated fat	20.2	2.6	2.3	62.9	0.1	0.4	0.5
Cholesterol	39.8	15.2	39.3	5.7	0.0	0.0	0.0
Vitamin A (retinol equivalents)	29.3	17.0	5.5	13.0	0.5	2.6	3.1
Carotene (retinol equivalents)	0.0	3.2	0.0	3.5	1.6	7.6	9.1
Vitamin E	6.3	3.8	3.3	63.6	0.9	3.1	4.0
Vitamin C	2.4	4.0	0.0	0.0	24.9	14.3	39.2
Thiamin	25.2	9.6	1.4	([2])	2.5	2.2	4.7
Riboflavin	21.8	36.4	9.6	0.1	0.7	1.9	2.6
Niacin	44.5	2.1	0.2	([2])	0.7	2.0	2.7
Vitamin B^6	38.9	11.7	3.0	([2])	1.6	7.4	9.1
Folate	10.5	9.4	7.3	0.0	6.9	2.9	9.8
Vitamin B^{12}	74.8	19.0	4.5	0.1	0.0	0.0	0.0
Calcium	3.1	75.2	2.4	0.2	1.3	1.2	2.5
Phosphorus	27.3	36.1	5.3	0.1	0.6	1.0	1.7
Magnesium	13.5	20.4	1.3	([2])	2.0	4.0	6.0
Iron	23.3	2.4	4.0	0.1	0.6	2.5	3.1
Zinc	47.6	18.6	3.9	0.1	0.3	1.0	1.3
Copper	19.3	3.4	0.4	0.1	1.9	5.1	6.9
Potassium	17.3	22.0	1.5	0.1	3.3	6.0	9.3

Nutrient	Vegetables				Legumes, nuts, soy	Grain products	Sugars, sweeteners	Miscellaneous [5]	Total [6]
	White potatoes	Dark green, deep yellow	Other	Total [6]					
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Food energy	2.8	0.4	2.1	5.2	2.9	19.6	18.1	0.9	100
Carbohydrate	5.4	0.8	3.9	10.1	2.2	34.7	39.4	0.9	100
Protein	2.5	0.4	3.0	5.8	5.4	19.1	([2])	1.2	100
Total fat	0.1	([2])	0.2	0.5	3.4	1.5	0.0	1.7	100
Saturated fat	0.1	([2])	0.1	0.2	1.9	0.7	0.0	2.5	100
Monounsaturated fat	0.0	([2])	0.1	0.1	3.7	0.5	0.0	1.5	100
Polyunsaturated fat	0.2	0.1	0.9	1.2	5.9	3.6	0.0	0.9	100
Cholesterol	0.0	0.0	0.0	0.0	0.0	([2])	0.0	0.0	100
Vitamin A (retinol equivalents)	0.0	20.3	6.7	27.0	([2])	0.3	0.0	4.8	100
Carotene (retinol equivalents)	0.0	60.2	19.8	80.1	0.1	0.8	0.0	3.3	100
Vitamin E	0.5	1.1	6.5	8.1	5.9	4.5	0.0	0.7	100
Vitamin C	18.2	6.4	25.4	49.9	0.1	([2])	([2])	4.5	100
Thiamin	5.7	0.9	6.0	12.6	5.4	40.4	0.2	0.6	100
Riboflavin	1.4	1.0	4.1	6.4	1.5	19.3	1.2	1.1	100
Niacin	7.4	0.8	5.5	13.6	4.8	27.8	(2)	4.4	100
Vitamin B^6	12.9	2.2	8.4	23.4	3.4	9.3	0.3	0.9	100
Folate	4.9	2.9	20.1	27.9	20.2	12.9	([2])	2.0	100
Vitamin B^{12}	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	100
Calcium	0.9	1.0	4.6	6.5	3.8	3.5	0.7	2.2	100
Phosphorus	3.2	0.6	4.3	8.1	5.3	13.6	0.4	2.3	100
Magnesium	6.4	1.4	9.0	16.7	12.3	17.8	0.8	11.1	100
Iron	5.0	1.3	8.1	14.3	9.4	36.6	1.3	5.5	100
Zinc	3.1	0.5	3.9	7.6	6.0	12.1	0.5	2.4	100
Copper	12.6	1.5	9.9	24.0	16.2	16.9	4.3	8.6	100
Potassium	14.5	1.8	11.4	27.7	7.7	6.2	0.5	7.8	100

[1] Percentages for food groups are based on aggregate nutrient data for table 669. [2] Less than 0.05 percent but more than 0. [3] Excludes butter. [4] Includes butter. [5] Coffee, tea, spices, chocolate liquor equivalent of cocoa beans, and fortification not assigned to a specific group. [6] Components may not add to total due to rounding.

Center for Nutrition Policy and Promotion, (202) 606–4839.

Table 13-4.—Food nutrients: Percentage of total contributed by major food groups, 1995 [1]

Nutrient	Meat, poultry, fish	Dairy products [3]	Eggs	Fats, oils [4]	Fruits		
					Citrus	Non-citrus	Total [6]
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Food energy	14.3	9.3	1.3	19.5	1.0	2.4	3.4
Carbohydrate	.01	4.7	0.1	0.0	1.9	4.5	6.4
Protein	39.3	19.3	3.8	0.1	0.6	0.8	1.3
Total fat	24.5	12.3	2.1	52.2	0.1	0.4	0.5
Saturated fat	26.4	23.6	2.0	40.9	(2)	0.3	0.3
Monounsaturated fat	25.7	8.6	2.0	56.3	(2)	0.4	0.4
Polyunsaturated fat	14.9	2.1	1.5	68.9	0.1	0.5	0.5
Cholesterol	43.8	16.1	34.4	5.6	0.0	0.0	0.0
Vitamin A (retinol equivalents)	21.4	17.4	4.2	11.7	0.6	2.8	3.3
Carotene (retinol equivalents)	0.0	2.3	0.0	2.4	1.3	6.3	7.6
Vitamin E	4.8	2.8	2.1	67.8	1.0	2.8	3.8
Vitamin C	2.0	2.7	0.0	0.0	27.8	15.8	43.5
Thiamin	18.7	6.2	0.8	(2)	2.3	2.1	4.4
Riboflavin	18.7	30.7	6.5	0.1	0.7	2.3	3.0
Niacin	38.2	1.4	.01	(2)	0.6	1.7	2.4
Vitamin B [6]	36.4	9.7	2.0	(2)	1.8	9.2	11.0
Folate	7.4	7.3	4.8	0.1	9.1	3.3	12.4
Vitamin B [12]	72.9	21.0	4.1	0.1	0.0	0.0	0.0
Calcium	3.3	72.8	1.7	0.2	1.3	1.4	2.7
Phosphorus	24.8	32.8	3.6	0.1	0.8	1.1	1.9
Magnesium	12.8	16.4	0.9	(2)	2.2	4.4	6.6
Iron	16.3	2.1	2.3	0.1	0.5	2.3	2.8
Zinc	41.5	18.9	2.8	0.1	0.4	1.1	1.4
Copper	14.0	2.8	0.3	0.1	2.0	5.2	7.2
Potassium	16.7	18.5	1.1	(2)	4.0	7.5	11.6

Nutrient	Vegetables				Legumes, nuts, soy	Grain products	Sugars, sweeteners	Miscellaneous [5]	Total [6]
	White potatoes	Dark-green, deep-yellow	Other	Total [6]					
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Food energy	2.6	0.4	1.8	4.7	2.9	25.1	18.3	1.2	100
Carbohydrate	4.5	0.6	3.1	8.2	2.0	40.5	37.3	0.9	100
Protein	2.3	0.4	2.6	5.3	6.0	23.7	0.0	1.2	100
Total fat	0.1	0.1	0.3	0.5	3.6	2.2	0.0	2.3	100
Saturated fat	0.1	(2)	0.2	0.3	2.1	1.1	0.0	3.4	100
Monounsaturated fat	0.0	(2)	0.1	0.1	4.1	1.0	0.0	1.9	100
Polyunsaturated fat	0.2	0.1	0.7	1.0	5.5	4.5	0.0	1.1	100
Cholesterol	0.0	0.0	0.0	0.0	0.0	(2)	0.0	0.0	100
Vitamin A (retinol equivalents)	0.0	28.4	6.9	35.3	(2)	0.7	0.0	6.1	100
Carotene (retinol equivalents)	0.0	64.9	15.8	80.7	0.1	1.4	0.0	5.7	100
Vitamin E	1.1	0.4	5.7	7.3	5.5	5.1	0.0	0.9	100
Vitamin C	15.8	9.4	22.0	47.2	0.1	(2)	(2)	4.5	100
Thiamin	4.9	0.8	4.3	10.0	4.7	54.5	0.2	0.7	100
Riboflavin	1.3	0.9	3.9	6.1	1.7	31.0	1.4	1.4	100
Niacin	6.0	0.7	4.4	11.1	4.0	40.1	(2)	2.7	100
Vitamin B [6]	11.8	2.4	8.4	22.5	3.8	12.8	0.2	1.5	100
Folate	4.4	3.1	16.5	24.0	20.1	21.8	(2)	2.2	100
Vitamin B [12]	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	100
Calcium	0.9	1.0	4.5	6.4	4.4	4.9	0.8	2.9	100
Phosphorus	2.8	0.7	3.9	7.3	5.9	20.8	0.3	2.5	100
Magnesium	5.3	1.4	7.5	14.1	13.2	25.5	0.9	9.6	100
Iron	4.0	1.0	6.0	11.0	8.3	50.5	1.1	5.7	100
Zinc	2.9	0.6	3.7	7.2	6.3	18.4	0.5	3.0	100
Copper	9.5	1.2	9.1	19.8	20.1	23.3	4.2	8.4	100
Potassium	13.2	2.0	11.2	26.5	9.2	9.7	0.6	6.1	100

[1] Percentages for food groups are based on aggregate nutrient data for table 669. [2] Less than 0.05 percent but more than 0. [3] Excludes butter. [4] Includes butter. [5] Coffee, tea, spices, chocolate liquor equivalent of cocoa beans, and fortification not assigned to a specific food group. [6] Components may not add to total due to rounding.

Center for Nutrition Policy and Promotion, (202) 606–4839.

Table 13-5.—Consumption: Per capita consumption of major food commodities, United States, 1988–96 [1]

Commodity	1988	1989	1990	1991	1992	1993	1994	1995	1996 [2]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Red meats [3 4 5]	119.5	115.9	112.3	111.9	114.1	112.1	114.7	114.7	112.0
Beef	68.6	65.4	64.0	63.1	62.8	61.5	63.6	64.0	64.2
Veal	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.8	1.0
Lamb and mutton	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.8
Pork	48.8	48.4	46.4	46.9	49.5	48.9	49.5	49.0	46.0
Fish [3]	15.1	15.6	15.0	14.8	14.7	14.9	15.1	14.9	14.7
Canned	4.9	5.1	5.1	4.9	4.6	4.5	4.5	4.7	4.5
Fresh and frozen	10.0	10.2	9.6	9.7	9.8	10.1	10.3	9.9	9.9
Cured	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
Poultry [3 4 5]	51.9	53.9	56.3	58.3	60.8	62.5	63.3	62.9	64.3
Chicken	39.6	40.9	42.5	44.3	46.7	48.5	49.3	48.8	49.8
Turkey	12.4	13.1	13.8	14.1	14.1	14.0	14.1	14.1	14.6
Eggs [4]	31.8	30.5	30.2	30.1	30.3	30.4	30.6	30.2	30.4
Dairy products:									
Total dairy products (milk-equivalent, milkfat basis)	582.5	563.8	568.5	565.7	565.9	574.0	585.8	584.1	575.6
Fluid milk and cream (product weight) [6]	234.4	236.2	233.4	233.1	230.5	225.7	226.3	223.2	223.5
Plain and flavored whole milk [6]	105.7	97.5	90.4	87.3	84.0	80.1	78.8	75.3	74.8
Plain reduced fat and light milk (2%, 1%, and 0.5%)	89.9	96.3	98.3	99.7	99.2	96.6	95.9	92.4	91.1
Plain fat free milk (skim)	16.1	20.2	22.9	23.9	25.0	26.7	28.7	31.9	33.7
Flavored lower fat fat free milk	6.6	6.5	6.6	6.8	6.9	6.9	7.1	7.3	7.7
Buttermilk	4.1	3.7	3.5	3.4	3.2	3.0	2.9	2.8	2.7
Eggnog	0.5	0.5	0.5	0.4	0.5	0.4	0.4	0.4	0.4
Yogurt (excl. frozen)	4.7	4.2	4.0	4.2	4.2	4.3	4.7	5.1	4.8
Heavy cream, light cream and half and half	4.6	4.8	4.6	4.6	4.8	4.9	4.9	5.1	5.4
Sour cream and dip	2.5	2.5	2.5	2.6	2.7	2.7	2.8	2.9	2.9
Cheese (excluding cottage) [5 7]	23.7	23.8	24.6	25.0	26.0	26.2	26.8	27.3	27.7
American	11.5	11.0	11.1	11.1	11.3	11.4	11.5	11.8	12.0
Cheddar	9.5	9.2	9.0	9.1	9.2	9.1	9.1	9.1	9.2
Italian	8.1	8.5	9.0	9.4	10.0	9.8	10.3	10.4	10.8
Mozzarella	6.0	6.4	6.9	7.2	7.7	7.6	7.9	8.1	8.5
Cottage cheese	3.9	3.6	3.4	3.3	3.1	2.9	2.8	2.7	2.6
Condensed and evaporated milk	7.8	7.8	7.9	8.2	8.5	8.2	8.1	6.9	6.4
Whole milk	3.5	3.1	3.2	3.2	3.2	3.0	2.6	2.3	2.3
Skim milk	4.3	4.7	4.8	5.0	5.2	5.2	5.5	4.5	4.1
Ice cream	17.3	16.1	15.8	16.3	16.3	16.1	16.1	15.7	15.9
Fats and oils--Total fat content	63.5	60.8	62.8	65.4	67.4	70.2	68.5	66.8	64.9
Butter (actual weight)	4.5	4.4	4.4	4.4	4.4	4.7	4.8	4.5	4.3
Margarine (actual weight)	10.3	10.2	10.9	10.6	11.0	11.1	9.9	9.2	9.1
Shortening	21.5	21.5	22.2	22.4	22.4	25.1	24.1	22.5	22.2
Lard (direct use)	1.8	1.8	1.9	1.7	1.7	1.7	2.3	2.2	2.3
Edible tallow (direct use)	0.8	0.3	0.6	1.4	2.4	2.2	2.4	2.7	2.2
Salad and cooking oils	26.3	24.4	24.8	26.7	27.2	26.8	26.2	26.8	26.0
Fruits and vegetables [5 8]	629.8	649.4	653.3	650.2	655.7	681.1	682.4	684.3	695.6
Fruits	266.6	271.1	266.8	260.4	261.0	279.3	277.8	279.7	283.2
Fresh Fruits	120.9	122.9	116.3	113.0	123.5	124.9	126.4	124.5	129.2
Citrus	25.4	23.6	21.4	19.1	24.4	26.0	25.0	24.1	24.8
Noncitrus	95.5	99.3	95.0	93.9	99.1	98.9	101.4	100.4	104.3
Processing fruits	145.7	148.3	150.5	147.4	137.5	154.4	151.4	155.1	154.0
Citrus	82.9	88.1	87.1	86.0	74.4	89.9	87.8	94.3	93.9
Noncitrus	62.8	60.1	63.3	61.4	63.1	64.6	63.6	60.8	60.1
Vegetables	363.2	378.3	386.5	389.8	394.7	401.9	404.6	404.4	412.4
Fresh vegetables	167.4	172.2	166.2	163.3	171.3	172.3	175.6	176.3	178.7
Processing vegetables	195.8	206.1	220.3	226.6	223.5	229.6	229.0	228.3	233.7
Total flour and cereal products [5]	175.5	174.5	182.0	183.6	186.2	191.0	194.1	192.4	197.7
Wheat flour [9]	131.7	129.6	136.0	136.9	138.8	143.3	144.5	141.7	148.1
Rice (milled basis)	14.3	15.2	16.3	16.8	17.5	17.6	19.3	20.1	18.8
Corn products	21.7	21.8	21.9	22.0	22.1	22.3	22.5	22.7	22.9
Oat products	6.4	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.6

See footnotes at end of table.

Table 13-5.—Per capita consumption of major food commodities, United States, 1987–96 [1]—Continued

Commodity	1988	1989	1990	1991	1992	1993	1994	1995	1996 [2]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Barley and rye products	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.2	1.2
Caloric sweeteners (dry weight basis) [5]	132.7	133.1	137.0	138.0	141.2	144.4	147.3	149.8	152.0
Sugar (refined)	62.1	62.8	64.4	63.8	64.6	64.3	65.0	65.5	66.2
Corn sweeteners (dry weight) [10]	69.3	69.0	71.1	72.8	75.2	78.7	81.0	83.0	84.0
Honey and edible syrups	1.3	1.4	1.5	1.4	1.4	1.4	1.4	1.3	1.3
Other:.									
Coffee (green bean equivalent)	9.8	10.1	10.3	10.3	10.0	9.1	8.2	8.0	9.0
Cocoa (chocolate liquor equivalent) [11]	3.8	4.0	4.3	4.6	4.6	4.3	3.9	3.6	NA
Peanuts (shelled)	6.9	7.0	6.0	6.5	6.2	6.0	5.8	5.7	5.7
Tree nuts (shelled)	2.3	2.2	2.4	2.2	2.2	2.2	2.3	1.9	2.1

[1] Quantity in pounds, retail weight unless otherwise shown. [2] Preliminary. [3] Boneless, trimmed weight, or edible weight. [4] Excludes shipments to U.S. territories. [5] Total may not add due to rounding. [6] Fluid milk figures are aggregates of commercial sales and milk produced and consumed on farms. [7] Natural equivalent of cheese and cheese products. [8] Farm weight. [9] White, whole wheat, semolina, and durum flour. [10] High fructose, glucose, and dextrose. [11] Chocolate liquor is what remains after cocoa beans have been roasted and hulled; it is sometimes called ground or bitter chocolate. NA-not Available.

ERS, Food and Rural Economics Division, (202) 694-5400. Historical consumption and supply-utilization data for food may be found in Food Consumption, Prices, and Expenditures, 1970-95, ERS, USDA, August 1997.

Table 13-6.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States, for one week, June 1997 [1]

Region and sex-age groups	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
FAMILIES	*Dollars*	*Dollars*	*Dollars*	*Dollars*
United States:				
Family of 2: [2]				
20–50 years	56.40	71.30	88.00	109.50
51 years and over	53.10	68.50	84.70	101.50
Family of 4:				
Children, 1–2 and 3–5 years	82.00	102.60	125.50	154.30
Children, 6–8 and 9–11 years	94.30	120.80	150.80	181.70
INDIVIDUALS [3]				
United States:				
Child:				
1–2 years	14.70	18.00	21.10	25.50
3–5 years	16.00	19.80	24.40	29.30
6–8 years	19.70	26.20	32.70	38.10
9–11 years	23.30	29.80	38.10	44.10
Male:				
12–14 years	24.20	33.70	41.80	49.20
15–19 years	25.00	34.70	43.20	50.00
20–50 years	27.00	34.50	43.20	52.30
51 years and over	24.40	33.00	40.60	48.70
Female:				
12–19 years	24.20	29.00	35.20	42.50
20–50 years	24.30	30.30	36.80	47.20
51 years and over	23.90	29.30	36.40	43.60

[1] Assumes that food for all meals and snacks is purchased at the store and prepared at home. Estimates for the thrifty food plan were computed from quantities of foods published in *Family Economics Review* (1984 No. 1). Estimates for the other plans were computed from quantities of foods published in *Family Economics Review* (1983 No. 2). The costs of the food plans are estimated by updating prices paid by households surveyed in 1977–78 in USDA's Nationwide Food Consumption Survey. These prices were adjusted to current levels by using food price information released periodically by the Bureau of Labor Statistics. [2] Ten percent added for family size adjustment. (See footnote 3.) [3] 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-persons—add 10 percent; 3-persons—add 5 percent; 5- or 6-persons—subtract 5 percent; 7-or-more-persons—subtract 10 percent.

Center for Nutrition Policy and Promotion, (202) 418–2312.

Table 13-7.—Food Stamp Program: Participation and Federal costs, fiscal years 1987–96

Fiscal year [1]	Average monthly participation	Recipient benefits [2]	Total cost [3]	Average benefit per person
	1,000	*1,000 dollars*	*1,000 dollars*	*Dollars*
1987	19,113	10,500,344	11,643,599	45.78
1988	18,645	11,149,051	12,356,346	49.83
1989	18,806	11,700,525	12,932,334	51.85
1990	20,067	14,186,825	15,491,078	58.91
1991	22,625	17,338,697	18,769,080	63.86
1992	25,406	20,905,655	22,462,352	68.57
1993	26,982	22,006,031	23,652,972	67.96
1994	27,468	22,748,559	24,492,689	69.01
1995 rev.	26,619	22,765,478	24,620,954	71.27
1996 [4]	25,540	22,440,298	24,333,079	73.21

[1] October 1 to September 30. [2] Most benefits are in the form of food stamps; however, non-coupon issuance (e.g., Electronic Benefit Transfer) is becoming an important component of benefit costs. [3] Total cost includes matching funds for state administrative expenses (e.g., certification of households, quality control, anti-fraud activities;employment and training); other Federal costs (e.g., printing and processing of stamps, the bank monitoring system, computer support systems), and transfers to other Federal agencies to offset their expenses in auditing or investigating the program (1987-1988 only). [4] Preliminary.

FCS, Program Information Division, (703) 305–2163

Table 13-8.—Food and Consumer Service Programs: Federal costs of the National School Lunch, School Breakfast, Child Care Food, Summer Food Service, WIC, Special Milk, and Food Distribution Programs, fiscal years 1987–96 [1]

Fiscal year [2]	Child Nutrition					WIC [7]	Special Milk	Food Distribution Programs [8]
	Cash payments [3]				Cost of food distributed [6]			
	School Lunch	School Breakfast [4]	Child & Adult Care [5]	Summer Food				
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
1987	2,796,893	446,848	518,217	121,840	918,780	1,679,846	15,356	1,313,000
1988	2,916,193	473,597	583,757	132,044	852,812	1,797,509	18,724	1,073,100
1989	3,005,580	513,153	670,429	143,773	790,932	1,910,898	18,493	730,501
1990	3,213,960	596,222	788,104	162,025	644,319	2,122,219	19,167	732,024
1991	3,524,717	685,010	919,332	179,020	727,511	2,301,071	19,789	696,844
1992	3,586,460	786,653	1,065,077	201,519	738,819	2,596,655	19,537	709,762
1993 rev.	4,081,343	868,794	1,179,922	217,459	703,945	2,825,499	18,738	693,906
1994 rev.	4,290,810	959,044	1,303,403	227,742	764,414	3,169,571	17,751	698,698
1995 rev.	4,466,811	1,048,266	1,411,230	235,451	732,886	3,430,574	16,984	516,325
1996 [9]	4,661,755	1,118,769	1,479,661	248,546	721,135	3,684,573	16,754	407,578

[1] The Food and Consumer Service was originally called the Food and Nutrition Service. See table 655 for Food Stamp Program costs. [2] October 1–September 30. [3] Includes sponsor administrative costs for the Child and Adult Care Food and the Summer Food Service Programs, and State administrative and health clinic expenses for the Summer Food Service Program. Excludes Child and Adult care audit costs. [4] Excludes startup costs. [5] The Adult Care component was initiated in fiscal year 1989. [6] Includes entitlement commodities, bonus commodities, and cash-in-lieu for the National School Lunch, School Breakfast, Child and Adult Care Food, and Summer Food Service Programs. [7] Includes food costs, administrative costs, program evaluation funds, and Farmers Market projects for the Special Supplemental Food Program for Women, Infants and Children. [8] Includes entitlement and bonus commodities, cash-in-lieu of commodities, and administrative costs of the following programs: Indian Reservations (Needy Family), Nutrition for the Elderly, Commodity Supplemental Food, Charitable Institutions, Summer Camps, Emergency Food Assistance Program (TEFAP), Disaster Feeding, and Soup Kitchens/Food Banks. Excludes Child Nutrition commodities. [9] Preliminary.

FCS, Program Information Division, (703) 305–2163

Table 13-9.—Food and Consumer Service program benefits: Cash payments made under the National School Lunch, School Breakfast, Child and Adult Care, Summer Food and Special Milk Programs and the value of food benefits provided under the Food Stamp, WIC, Commodity Distribution and the Emergency Feeding Food Programs, fiscal year 1996 [1]

State/Territory	Child Nutrition Program (cash payments only) [2]					Special Supplemental Food (WIC) [4]	Commodity distribution [5]	Food Stamp Program [6]	TEFAP [7]	Total [6]
	Child and Adult Care Food	Summer Food	Special Milk	National School Lunch	Breakfast [3]					
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Alabama	24,274	4,626	38	94,899	20,653	43,607	18,326	439,505	666	646,595
Alaska	4,749	8	5	13,585	1,960	10,405	1,853	53,916	18	86,500
Am. Samoa	0	0	0	0	0	1,997	0	0	0	1,997
Arizona	28,652	4,108	176	83,133	21,846	54,226	27,617	371,506	0	591,263
Arkansas	13,980	1,896	22	54,996	16,918	31,579	12,051	223,708	323	355,476
California	162,404	18,691	832	627,459	162,313	437,833	93,985	2,554,862	4,165	4,062,544
Colorado	23,007	1,528	134	45,295	7,451	25,458	15,375	210,444	333	329,025
Connecticut	9,843	2,120	501	36,568	8,197	25,486	8,297	175,272	0	266,285
Delaware	7,141	685	45	9,849	2,556	5,731	2,524	47,293	0	75,824
District of Col.	2,407	1,582	13	14,129	3,176	6,679	4,584	94,953	53	127,577
Florida	44,762	18,786	137	264,157	66,013	129,397	40,433	1,295,526	1,306	1,860,517
Georgia	31,230	8,469	41	166,807	51,131	73,248	30,329	702,846	902	1,065,003
Guam	235	0	0	2,817	859	3,324	688	26,824	10	34,757
Hawaii	3,870	265	8	21,872	4,780	16,668	4,087	196,040	99	247,689
Idaho	3,826	684	217	20,286	3,185	10,048	4,419	61,246	0	103,911
Illinois	52,839	11,370	2,645	183,513	27,080	106,216	38,814	1,034,043	0	1,456,522
Indiana	20,100	1,529	319	72,062	14,866	46,260	19,352	329,873	0	504,361
Iowa	14,032	730	176	41,455	6,735	23,833	14,970	141,111	0	243,042
Kansas	28,259	774	140	41,052	9,242	19,868	12,102	135,345	198	246,982
Kentucky	14,686	2,825	113	82,475	25,802	43,101	18,587	413,095	0	600,685
Louisiana	38,406	6,072	58	127,680	38,052	58,413	37,045	597,387	564	903,677
Maine	9,634	705	126	16,215	3,022	9,118	3,888	113,121	0	155,830
Maryland	27,034	2,539	386	62,206	12,586	34,212	13,445	361,556	254	514,217
Massachusetts	32,868	3,459	504	71,070	16,136	39,493	19,098	295,092	0	477,719
Michigan	47,318	4,367	951	117,776	26,280	80,397	46,394	773,360	887	1,097,730
Minnesota	58,254	2,367	1,054	59,575	10,369	32,978	21,634	219,995	0	406,226
Mississippi	17,762	3,207	10	88,604	27,617	34,856	14,797	375,931	0	562,784
Missouri	27,607	3,545	447	83,643	21,638	48,517	20,315	479,649	824	686,184
Montana	6,947	364	46	13,099	2,342	6,804	6,311	58,388	0	94,301
Nebraska	21,485	585	222	24,486	3,545	14,027	11,229	77,508	0	153,087
Nevada	2,844	1,009	131	18,169	4,726	11,744	4,314	91,215	184	134,335
New Hampshire	2,629	292	230	10,259	1,912	6,083	5,325	41,645	83	68,457
New Jersey	22,614	5,688	936	95,998	13,063	50,974	20,998	507,791	0	718,062
New Mexico	25,034	5,001	6	41,995	11,394	21,416	13,146	199,137	231	317,361
New York	83,067	36,474	1,159	343,584	77,716	193,552	76,916	2,053,944	0	2,866,413
North Carolina	37,620	3,198	135	127,476	37,224	63,014	28,320	546,795	976	844,758
North Dakota	9,607	318	66	9,725	1,400	7,241	6,368	32,267	0	66,992
Ohio	40,630	3,973	946	139,097	28,626	82,688	32,586	934,277	0	1,262,823
Oklahoma	23,363	1,993	80	65,372	18,244	38,765	30,616	307,753	0	486,187
Oregon	24,400	1,423	213	40,372	10,501	29,908	9,759	259,394	373	376,343
Pennsylvania	30,744	12,812	826	149,744	27,077	98,125	35,360	981,089	649	1,336,426
Puerto Rico [6]	15,048	4,157	0	108,376	25,201	112,362	12,638	0	1,165	278,947
Rhode Island	2,865	1,203	128	13,198	1,715	8,094	2,846	77,966	10	108,026
South Carolina	17,127	6,942	33	82,816	25,916	41,875	14,515	299,357	502	489,083
South Dakota	6,238	845	46	14,609	2,614	8,322	9,823	40,757	36	83,289

See footnotes at end of table.

Table 13-9.—Food and Consumer Service program benefits: Cash payments made under the National School Lunch, School Breakfast, Child and Adult Care, Summer Food and Special Milk Programs and the value of food benefits provided under the Food Stamp, WIC, Commodity Distribution and the Emergency Feeding Food Programs, fiscal year 1996 [1]—Continued

State/Territory	Child Nutrition Program (cash payments only) [2]					Special Supplemental Food (WIC) [4]	Commodity distribution [5]	Food Stamp Program [6]	TEFAP [7]	Total [6]
	Child and Adult Care Food	Summer Food	Special Milk	National School Lunch	Breakfast [3]					
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Tennessee	23,388	4,211	39	93,047	25,357	57,097	22,834	541,573	541	768,089
Texas	101,132	16,289	105	454,035	126,367	195,198	78,008	2,140,168	0	3,111,302
Utah	24,607	1,758	74	32,549	4,117	20,678	8,633	86,932	0	179,348
Vermont	3,899	229	103	6,915	1,613	6,308	1,955	43,804	45	64,872
Virginia	21,462	2,969	240	89,191	21,587	48,952	17,851	449,577	490	652,317
Virgin Islands	525	219	3	3,555	204	4,138	418	41,835	0	50,898
Washington	30,383	2,450	266	73,513	16,871	50,212	17,191	425,901	0	616,788
West Virginia	7,497	1,266	45	33,174	11,502	19,876	6,777	251,845	0	331,983
Wisconsin	21,819	1,923	1,566	62,144	6,242	40,343	21,060	197,722	0	352,820
Wyoming	4,250	58	12	7,322	1,228	4,037	3,129	28,156	26	48,218
Outlying Areas[6]	0	0	0	0	0	0	73	0	0	73
Dpt. of Defense	0	0	0	4,759	0	0	908	0	0	5,667
United States	1,360,407	224,589	16,754	4,661,755	1,118,769	2,694,782	1,044,916	22,440,298	15,911	33,578,182

[1] Preliminary. Excludes all administrative and program evaluation costs. [2] Excludes $8.7 million for the Nutrition Education and Training Program. [3] Excludes $2.2 million for School Breakfast startup costs. [4] Excludes $6.9 million for the Farmer's Market Coupon Program. [5] Includes distribution of entitlement and bonus commodities to the National School Lunch, Child and Adult Care, Summer Food Service, Charitable Institutions, Soup Kitchens and Food Banks, Summer Camps, Indian Reservations, Nutrition for the Elderly, Commodity Supplemental Food, and Disaster Feeding programs. Also includes cash-in-lieu of commoditiesfor the National School Lunch, Child and Adult Care, and Nutrition for the Elderly programs. [6] Excludes Nutrition Assistance grants of $1,143 million for Puerto Rico and $5.1 million for the Northern Marianas. [7] Outlying Areas include the Northern Marianas and the former Trust Territories.

FCS, Program Information Division, (703) 305–2163.

Table 13-10.—Food and Consumer Service Programs: Persons participating, fiscal years 1987–96 [1]

Fiscal year	National School Lunch Program	School Breakfast Program [1]	Child and Adult Care Program [2]	WIC Program [3]
	Thousands	*Thousands*	*Thousands*	*Thousands*
1987	23,939	3,610	1,186	3,429
1988	24,210	3,681	1,256	3,593
1989	24,258	3,813	1,367	4,118
1990	24,133	4,069	1,490	4,517
1991	24,158	4,437	1,642	4,893
1992	24,606	4,918	1,872	5,403
1993	24,855	5,358	1,977	5,921
1994	25,281	5,835	2,187	6,477
1995	25,685	6,318	2,355	6,894
1996 [4]	25,944	6,583	2,415	7,188

[1] Average monthly participation (excluding summer months). Note: Data in previous editions were for peak month. [2] Average daily participation (data reported quarterly). [3] WIC is an abbreviation for the Special Supplemental Food Program for Women, Infants and Children. Data are average monthly participation. [4] Preliminary.

FCS, Program Information Division, (703) 305–2163.

Table 13-11.—Consumers' prices: Index number of prices paid for goods and services, United States, 1988–97 [1]

[1982–84=100]

Year	Food	Nonfood items					All items
		Apparel and upkeep	Housing		Transportation	Medical care	
			Total	Rent			
1988 [1]	118.2	115.4	118.5	133.6	108.7	138.6	118.3
1989	125.1	118.6	123.0	138.9	114.1	149.3	124.0
1990	132.4	124.1	128.5	146.7	120.5	162.8	130.7
1991	136.3	128.7	133.6	155.6	123.8	177.0	136.2
1992	137.9	131.9	137.5	160.9	126.5	190.1	140.3
1993	140.9	133.7	141.2	165.0	130.4	201.4	144.5
1994	144.3	133.4	144.8	169.4	134.3	211.0	148.2
1995	148.4	132.0	148.5	174.3	139.1	220.5	152.4
1996	153.3	131.7	152.8	180.2	143.0	228.2	156.9
1997	157.3	132.9	156.8	186.4	144.3	234.6	160.5

[1] 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. [2] Data prior to 1986 available from U.S. Department of Labor.

ERS, Food Markets Branch, (202) 694–5373. Compiled from data of the U.S. Department of Labor.

Table 13-12.—Food service: Sales by industry segment, 1990–96 [1]

Industry segment	1990 [2]	1991 [2]	1992 [2]	1993 [2]	1994 [2]	1995 [2]	1996 [2]
	Million dollars						
Commercial:							
Separate eating places—							
Restaurants and lunchrooms	70,256	71,732	72,275	76,922	82,169	84,753	85,661
Fast-food outlets	74,361	75,845	80,015	86,400	88,958	93,533	93,553
Cafeterias	3,542	3,617	3,644	3,878	4,143	4,273	4,319
Social caterers	1,484	1,372	1,222	1,313	1,386	1,645	2,351
Total	149,643	152,566	157,156	168,513	176,656	183,168	185,864
Lodging places	10,449	10,373	10,979	11,401	12,151	12,867	13,947
Retail hosts	9,696	10,656	11,399	12,300	13,262	14,556	15,706
Recreation and entertainment	6,246	6,750	7,503	8,144	8,667	9,628	10,097
Separate drinking places	1,563	1,587	1,639	1,584	1,501	1,567	1,633
Commercial feeding total	177,597	181,932	188,676	201,942	212,237	221,786	227,247
Noncommercial:							
Elementary and secondary	7,896	8,545	9,040	9,658	10,120	10,523	10,982
Colleges and universities	8,229	8,752	9,247	9,728	10,385	11,528	13,127
Total	16,125	17,297	18,287	19,386	20,505	22,051	24,109
Military services—							
Troop feeding	1,052	1,048	1,016	492	456	646	822
Clubs and exchanges	832	834	830	839	844	850	852
Total	1,884	1,882	1,846	1,331	1,300	1,496	1,674
Plants and office buildings	5,342	5,497	5,623	5,884	6,230	6,446	6,527
Hospitals	3,876	3,790	3,672	3,634	3,490	3,384	3,350
Extended care facilities	6,350	6,368	6,120	6,030	5,870	5,758	5,802
Vending	5,614	5,288	5,086	4,647	4,773	4,454	4,135
Transportation	4,821	4,780	5,154	4,423	4,394	4,661	4,633
Associations	1,170	1,192	1,247	1,315	1,354	1,438	1,505
Correctional facilities	2,150	2,278	2,532	2,470	2,682	2,936	3,068
Child daycare centers	1,024	1,088	1,278	1,394	1,525	1,689	1,787
Elderly feeding programs	143	153	165	154	177	172	169
Other	1,552	1,934	1,982	2,212	2,234	2,312	2,390
Noncommercial feeding total	50,051	51,547	52,992	52,880	54,534	56,797	59,149
Total	227,648	233,479	241,668	254,882	266,771	278,583	286,396

[1] Excludes sales tax and tips. [2] Revised based on new data.

Source: ERS, Food Markets Branch, (202) 694–5384. *Food Marketing Review,* selected issues.

CHAPTER XIV

STATISTICS OF FERTILIZERS AND PESTICIDES

This chapter contains statistics on percentages of crop acres treated by various types of fertilizers and pesticides. Nitrogen, phosphate, and potash are the most common fertilizers; herbicides, insecticides, fungicides, and other chemicals are the main categories of pesticides. Other chemicals include soil fumigants, vine killers, and dessicants. The tables show data for field crops for 1994–96, fruits for 1995, and vegetables for 1996. NASS collects data for field crops on an annual basis and data for fruits and vegetables on a bi-yearly alternating basis. The surveyed States are generally the major producing States for each crop shown in the tables and represent 65–95 percent of the U.S. planted acres, depending on the selected crop. Quantities and rates of active chemical ingredients applied to each crop at State levels are available in the NASS series of ''Agricultural Chemical Usage'' reports.

Table 14-1.—Field crops: Fertilizer, total acreage, and percent of area receiving applications, all States surveyed, 1994–96 [1]

Crop	Area Planted [2]	Nitrogen	Phosphate	Potash
	1,000 Acres	*Percent*	*Percent*	*Percent*
1994:				
Corn	62,500	97	83	72
Cotton, Upland	10,023	86	54	37
Potatoes, Fall	1,139.6	100	98	91
Soybeans	43,975	13	20	25
Wheat, Winter [3]	34,590	86	49	15
Wheat, Durum	2,450	85	69	4
Wheat, Other Spring	17,250	88	77	23
1995:				
Corn	64,105	97	81	70
Cotton, Upland	11,650	87	56	40
Potatoes, Fall	1,147.0	99	98	89
Soybeans	51,840	17	22	25
Wheat, Winter [3]	34,265	86	54	16
Wheat, Durum	2,950	92	78	10
Wheat, Other Spring	15,750	87	78	23
1996:				
Corn	70,250	98	85	73
Cotton, Upland	11,915	77	55	43
Potatoes, Fall	797	99	97	90
Soybeans	50,050	15	25	27
Wheat, Winter [3]	28,520	86	51	4
Wheat, Durum	3,000	93	73	8
Wheat, Other Spring	16,350	89	79	24

[1] Refers to acres receiving one or more applications of a specific fertilizer ingredient. See tables 14-2 through 14-7 for surveyed States. [2] Acres are the estimates as of the survey period and may not reflect subsequent revisions to the published estimates for a given crop. [3] Area harvested for winter wheat.

NASS, Crops Branch, (202) 720–2127.

Table 14-2.—Corn: Pesticide usage, 1994–96 [1]

State and Year	Acres treated and amount applied			
	Herbicide [2]		Insecticide [3]	
	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*
DE:.				
1995	139	427	62	26
GA:.				
1995	356	712	76	88
IL:.				
1994	11,484	37,870	3,596	3,009
1995	9,996	30,811	2,856	2,118
1996	10,890	34,223	2,970	2,143
IN:.				
1994	5,917	19,601	1,464	1,191
1995	5,238	16,842	1,080	759
1996	5,488	18,856	1,960	1,466
IA:.				
1994	12,870	38,199	3,510	2,947
1995	11,583	32,957	3,276	2,821
1996	12,573	36,109	2,159	1,779
KS:.				
1995	1,978	4,397	839	645
1996	2,350	5,784	1,000	515
KY:.				
1995	1,203	3,537	192	56
1996	1,287	4,159	312	43
MI:.				
1994	2,474	6,987	612	575
1995	2,450	6,791	441	370
1996	2,597	7,250	557	318
MN:.				
1994	6,860	15,218	560	491
1995	6,566	15,822	402	400
1996	7,275	17,819	975	614
MO:.				
1994	2,304	6,749	384	170
1995	1,551	4,443	495	242
1996	2,695	7,547	743	492
NE:.				
1994	8,342	18,735	4,558	3,468
1995	7,600	18,804	4,320	3,104
1996	8,330	19,817	4,335	3,068
NC:.				
1995	784	1,679	232	286
1996	970	2,565	370	376
OH:.				
1994	3,626	11,382	703	537
1995	3,234	10,233	561	419
1996	2,900	10,029	812	591
PA:.				
1995	1,283	4,169	400	295
1996	1,421	4,371	783	419
SC:.				
1996	392	1,017	104	84
SD:.				
1994	3,534	7,022	266	402
1995	2,576	4,691	196	153
1996	3,640	7,091	1,000	422
TX:.				
1995	1,911	2,840	1,218	843
1996	1,911	2,770	1,554	712
WI:.				
1994	3,638	8,456	938	906
1995	3,504	8,487	913	830
1996	3,627	7,570	1,443	1,176

[1] Data not available for all States for all years. [2] Insufficient number of reports to publish data for fungicides and other chemicals. [3] Amount applied excludes Bt (bacillus thurengiensis).

NASS, Crops Branch, (202) 720–2127.

Table 14-3.—Corn: Fertilizer usage, 1994–96 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
DE:.						
1995	131	13.2	126	8.7	113	11.8
GA:.						
1995	400	54.1	384	30.4	384	33.7
IL:.						
1994	11,368	1,742.7	9,976	756.4	10,092	1,036.0
1995	10,098	1,543.1	8,466	635.3	8,568	902.9
1996	11,000	1,823.9	8,690	737.5	9,130	1,056.0
IN:.						
1994	5,917	879.5	5,612	416.3	5,002	559.3
1995	5,238	691.6	4,806	324.4	4,428	476.1
1996	5,600	774.7	5,432	346.1	4,928	542.4
IA:.						
1994	12,740	1,547.8	9,750	564.3	9,620	677.9
1995	11,349	1,364.6	9,009	534.5	8,892	643.0
1996	12,446	1,631.7	10,541	627.7	10,287	786.1
KS:.						
1995	2,129	306.1	1,505	59.1	516	18.4
1996	2,450	416.5	2,075	79.5	725	26.1
KY:.						
1995	1,254	196.5	973	72.2	909	74.0
1996	1,274	186.9	1,118	87.2	1,157	94.1
MI:.						
1994	2,499	288.3	2,270	112.4	2,244	200.3
1995	2,426	306.8	2,083	104.8	2,083	215.1
1996	2,650	307.9	2,385	112.7	2,253	226.5
MN:.						
1994	6,720	729.5	6,160	313.9	5,810	382.2
1995	6,432	755.6	5,829	294.1	5,695	367.5
1996	7,275	784.4	7,050	375.6	6,450	420.9
MO:.						
1994	2,400	340.5	2,040	114.9	1,968	137.7
1995	1,617	234.3	1,205	63.6	1,122	84.4
1996	2,688	398.5	2,420	132.7	2,393	163.5
NE:.						
1994	8,428	1,168.7	6,192	203.2	2,064	31.4
1995	7,920	1,097.2	5,440	167.4	2,320	39.3
1996	8,330	1,174.0	6,715	227.6	3,315	75.0
NC:.						
1994	784	169.2	744	61.6	736	62.5
1995	990	113.1	910	53.6	890	88.7
OH:.						
1994	3,663	546.0	3,515	246.2	3,367	334.6
1995	3,300	539.5	2,970	208.4	2,904	284.9
1996	2,900	425.4	2,813	245.8	2,494	244.0
PA:.						
1995	12,834	97.5	1,201	58.8	1,173	49.2
1996	1,407	112.2	1,146	67.0	1,088	43.6
SC:.						
1996	400	46.0	388	21.8	400	42.3
SD:.						
1994	3,496	312.4	2,888	113.3	1,216	34.0
1995	2,520	195.5	2,016	71.7	812	15.7
1996	3,520	312.3	3,080	105.7	1,560	31.8
TX:.						
1995	2,079	284.8	1,638	74.9	714	18.0
1996	2,079	284.5	1,659	61.6	903	25.4
WI:.						
1994	3,638	300.7	3,488	151.2	3,450	209.4
1995	3,541	283.0	3,431	149.1	3,358	209.3
1996	3,666	297.0	3,471	134.6	3,432	209.7

[1] Data not available for all States for all years.

NASS, Crops Branch, (202) 720–2127.

Table 14-4.—Upland Cotton: Pesticide usage, 1994–96 [1]

State and Year	Acres treated and amount applied							
	Herbicide		Insecticide [2]		Fungicide		Other Chemicals	
	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AZ:.								
1994	235	358	260	1,123	*	*	232	1,098
1995	325	484	354	1,709	*	*	336	1,726
1996	236	357	280	1,029	*	*	224	1,703
AR:.								
1994	951	4,057	921	1,584	216	162	843	1,251
1995	1,147	4,208	983	1,527	234	201	644	781
1996	990	2,750	930	1,303	280	157	910	1,206
CA:.								
1994	924	1,613	1,034	1,787	*	*	1,056	4,645
1995	1,030	1,861	1,123	2,835	*	*	1,123	6,713
1996	900	1,856	970	2,031	*	*	950	5,180
GA:.								
1996	1,350	4,079	986	633	**	**	648	1,234
LA:.								
1994	783	2,996	900	3,737	189	84	693	724
1995	1,063	2,400	1,063	3,176	184	71	760	752
1996	721	1,957	863	1,486	151	89	614	546
MS:.								
1994	1,280	5,385	1,280	5,217	461	452	1,190	1,819
1995	1,431	6,234	1,358	5,691	438	350	1,329	1,951
1996	1,109	3,981	1,064	2,417	78	45	1,109	2,541
TN:.								
1996	540	1,889	481	505	178	97	470	732
TX:.								
1994	5,232	6,460	2,725	3,998	55	34	2,616	1,872
1995	6,272	7,430	3,904	5,729	*	*	2,304	1,654
1996	5,130	5,692	3,876	5,832	*	*	2,223	2,064

[1] Data not available for all States for all years. [2] Amount applied excludes Bt (bacillus thurengiensis). * Insufficient number of reports to publish data. ** No reports received for this pesticide class.

NASS, Crops Branch, (202) 720–2127.

Table 14-5.—Upland Cotton: Fertilizer usage, 1994–96 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AZ:.						
1994	310	68.6	141	7.4	69	0.7
1995 [2]	347	66.9	124	8.1	*	*
1996	309	45.8	135	6.6	35	1.6
AR:.						
1994	911	100.5	686	30.0	794	58.0
1995	1,135	114.6	866	39.4	995	75.1
1996	970	94.0	660	25.2	710	49.3
CA:.						
1994	1,056	198.5	385	23.1	264	10.6
1995	1,158	193.3	468	29.5	246	17.8
1996	960	168.1	370	30.6	160	9.5
GA:.						
1996	1,337	139.3	1,337	76.7	1,310	139.1
LA:.						
1994	828	130.1	360	16.2	360	21.2
1995	955	111.9	456	21.4	521	38.1
1996	810	60.1	570	25.7	596	39.5
MS:.						
1994	1,280	156.0	576	31.3	845	85.1
1995	1,460	163.2	584	31.5	876	74.7
1996	1,098	110.4	302	14.0	627	63.4
TN:.						
1996	540	47.8	173	32.0	535	47.1
TX:.						
1994	4,251	302.9	3,270	123.3	1,363	27.4
1995	5,056	312.4	4,032	151.8	2,048	31.1
1996	3,135	252.2	2,679	105.2	1,140	23.6

[1] Data not available for all States for all years. [2] Insufficient reports to publish data for one or more of the fertilizer ingredients.

NASS, Crops Branch, (202) 720–2127.

Table 14-6.—Fall potatoes: Pesticide usage, 1994–96 [1]

State and Year	Acres treated and amount applied							
	Herbicide		Insecticide [2]		Fungicide		Other Chemicals	
	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
CO:.								
1994	59.2	246	51.8	52	70.3	174	24.4	1,269
1995	68.5	223	50.1	21	72.4	140	20.0	2,192
ID:.								
1994	373.1	1,058	307.5	897	217.3	411	168.1	35,245
1995	372.0	1,125	304.0	771	252.0	681	164.0	29,233
1996	369.0	1,131	299.3	649	348.5	1,089	159.9	30,529
ME:.								
1994	73.3	54	72.5	219	78.0	945	77.2	601
1995	74.9	43	78.0	66	78.0	629	72.5	358
1996	76.4	49	70.2	46	78.0	737	76.4	580
MI:.								
1994	42.2	63	44.0	361	44.0	484	34.3	215
1995	46.8	117	55.0	90	52.8	602	34.1	436
MN:.								
1994	38.5	105	74.0	66	69.6	220	59.9	30
1995	54.8	94	74.7	95	83.0	567	58.9	669
NY:.								
1994	20.1	43	28.8	385	23.3	195	14.8	8
1995	24.9	52	27.0	68	26.4	211	18.9	16
ND:.								
1994	77.1	109	131.7	179	133.0	660	70.5	266
1995	75.0	128	125.0	263	125.0	759	51.3	1,671
OR:.								
1994	48.7	168	46.0	253	41.2	177	31.6	4,263
1995	47.8	134	47.8	233	46.8	323	33.3	5,652
PA:.								
1994	12.2	36	19.0	179	18.4	176	8.0	75
1995	16.4	53	17.1	38	17.1	175	9.7	12
WA:.								
1994	136.8	339	150.5	843	139.8	807	124.6	20,137
1995	136.7	305	144.1	694	135.2	1,458	113.2	16,981
1996	151.6	322	153.2	485	138.6	986	117.4	12,064
WI:.								
1994	66.4	81	73.0	143	72.3	854	66.4	1,963
1995	78.0	100	80.5	214	83.0	1,000	73.9	2,654

[1] Data not available for all States for all years. [2] Amount applied excludes Bt (bacillus thurengiensis).
NASS, Crops Branch, (202) 720–2127.

Table 14-7.—Fall potatoes: Fertilizer usage, 1994–96 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
CO:.						
1994	74.0	18.4	74.0	16.9	70.3	6.4
1995	77.0	19.9	76.2	15.3	66.2	5.9
ID:.						
1994	410.0	107.2	405.9	78.0	356.7	45.2
1995	400.0	98.6	400.0	73.7	336.0	42.5
1996	410.0	84.4	405.9	80.6	348.5	40.7
ME:.						
1994	78.0	13.7	77.2	13.7	77.2	13.9
1995	77.2	13.7	77.2	13.9	77.2	14.3
1996	78.0	13.0	77.2	13.4	78.0	13.6
MI:.						
1994	44.0	11.1	42.2	4.7	44.0	12.7
1995	55.0	10.3	53.9	6.7	55.0	13.3
MN:.						
1994	74.0	5.1	73.3	5.0	73.3	7.0
1995	77.2	9.6	82.2	8.1	72.2	9.8
NY:.						
1994	28.8	4.3	28.5	6.2	28.5	5.4
1995	29.0	3.8	29.0	5.6	29.0	5.3
ND:.						
1994	133.0	17.1	126.4	9.9	113.1	11.2
1995	125.0	20.1	117.5	10.2	111.3	13.4
OR:.						
1994	53.5	24.3	50.8	9.0	40.7	7.9
1995	51.0	12.2	49.9	9.2	45.2	7.5
PA:.						
1994	19.0	3.1	19.0	2.3	19.0	3.1
1995	17.6	2.4	17.1	2.0	17.1	2.5
WA:.						
1994	152.0	53.7	145.9	40.9	142.9	38.8
1995	147.0	44.1	145.5	36.3	133.8	32.4
1996	154.9	44.3	150.0	29.4	148.3	30.2
WI:.						
1994	73.0	17.2	73.0	10.6	73.0	25.0
1995	83.0	16.4	81.3	11.9	83.0	27.5

[1] Data not available for all states for all years.

NASS, Crops Branch, (202) 720–2127.

Table 14-8.—Soybeans: Pesticide usage, 1994–96 [1]

State and Year	Acres treated and amount applied [2]			
	Herbicide		Insecticide [3]	
	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*
AR:.				
1994	3,381	4,469	69	64
1995	3,140	3,564	**	**
1996	3,266	4,491	*	*
DE:.				
1994	196	359	*	*
GA:.				
1995	278	245	109	69
IL:.				
1994	9,504	11,622	*	*
1995	9,555	10,181	**	**
1996	9,603	10,670	**	**
IN:.				
1994	4,653	6,292	*	*
1995	4,950	6,019	*	*
1996	5,238	5,845	*	*
IA:.				
1994	8,712	7,643	**	**
1995	9,300	8,936	**	**
1996	9,405	10,821	*	*
KY:.				
1995	1,147	1,377	**	**
LA:.				
1995	1,017	1,394	407	241
1996	1,034	1,645	352	161
MN:.				
1994	5,643	5,275	*	*
1995	5,841	5,471	**	**
1996	5,831	7,826	**	**
MS:.				
1995	1,832	2,587	*	*
1996	1,782	2,287	*	*
MO:.				
1994	4,278	4,454	*	*
1995	4,324	4,918	*	*
1996	4,018	5,373	*	*
NE:.				
1994	2,813	2,916	*	*
1995	2,976	3,001	*	*
1996	3,020	3,459	*	*
NC:.				
1995	1,047	1,228	115	17
OH:.				
1994	3,960	6,357	*	*
1995	3,969	5,923	*	*
1996	4,410	5,692	*	*
TN:.				
1995	1,130	1,595	*	*
1996	1,200	1,770	*	*
WI:.				
1996	911	750	*	*

[1] Data not available for all States for all years. [2] Insufficient number of reports to publish data for fungicides and other chemicals. [3] Amount applied excludes Bt (bacillus thurengiensis). * Insufficient number of reports to publish data. ** No reports received for this pesticide class.

NASS, Crops Branch, (202) 720–2127.

Table 14-9.—Soybeans: Fertilizer usage, 1994–96 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AR:.						
1994	517	17.2	1,070	52.5	1,104	71.1
1995	552	25.5	966	47.9	1,035	66.5
1996	320	8.2	1,598	76.4	1,527	90.5
DE:.						
1994	138	4.5	95	3.3	122	9.9
GA:.						
1995	195	6.0	214	10.8	211	13.0
IL:.						
1994	960	32.6	1,920	117.3	2,976	290.6
1995	1,658	39.4	2,535	184.9	3,023	337.5
1996	1,485	32.4	2,277	128.3	3,366	329.6
IN:.						
1994	799	15.5	1,316	49.8	1,786	149.3
1995	800	16.7	1,050	46.1	1,700	181.6
1996	1,242	37.9	1,782	79.1	2,376	240.7
IA:.						
1994	616	17.6	1,056	43.5	1,056	60.5
1995	930	26.4	1,023	44.0	1,116	74.0
1996	760	19.5	1,140	55.2	1,330	99.3
KY:.						
1995	480	15.0	538	32.6	538	40.1
LA:.						
1995	54	1.7	171	7.2	171	9.9
1996	44	0.7	396	17.1	374	26.0
MN:.						
1994	684	12.2	741	29.4	798	53.8
1995	885	61.8	885	44.8	1,003	77.0
1996	595	9.2	833	38.4	595	42.9
MS:.						
1995	111	1.5	296	13.8	407	24.6
1996	198	2.5	324	14.0	306	19.4
MO:.						
1994	506	15.6	828	36.4	1,058	74.2
1995	598	34.3	920	50.8	920	74.4
1996	943	20.5	1,025	54.9	1,148	81.3
NE:.						
1994	725	15.2	725	26.2	348	7.5
1995	620	25.4	496	18.4	341	4.6
1996	854	10.2	1,525	64.4	336	5.3
NC:.						
1995	506	21.1	483	21.7	529	45.8
OH:.						
1994	800	13.9	1,280	60.3	1,920	196.6
1995	932	13.1	1,175	58.8	1,499	126.6
1996	900	30.4	1,080	50.1	1,620	164.8
TN:.						
1995	215	6.8	407	21.9	407	26.1
1996	324	12.8	516	27.5	636	51.5

[1] Data not available for all States for all years.

NASS, Crops Branch, (202) 720–2127.

Table 14-10.—Wheat: Pesticide usage, 1994–96 [1]

State and Year	Acres treated and amount applied [2]			
	Herbicide		Insecticide [3]	
	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*
Winter.				
CO:.				
1994	867	251	459	275
1995	1,377	422	*	*
1996	1,342	756	242	139
ID:.				
1994	656	547	**	**
1995	693	446	**	**
1996	688	433	**	**
IL:.				
1994	270	23	**	**
1995	361	16	**	**
KS:.				
1994	5,472	1,216	*	*
1995	6,710	1,095	*	*
1996	4,136	1,304	616	212
MO:.				
1994	88	14	*	*
1995	74	14	**	**
MT:.				
1994	1,758	1,175	130	14
1995	1,356	685	*	*
1996	1,841	1,385	*	*
NE:.				
1994	1,197	361	**	**
1995	1,113	235	**	**
1996	1,281	332	*	*
OH:.				
1994	260	74	**	**
1995	194	51	*	*
OK:.				
1994	1,431	172	2,173	827
1995	2,600	278	884	255
1996	1,715	655	1,323	391
OR:.				
1994	853	556	*	*
1995	809	513	*	*
1996	842	503	*	*
SD:.				
1994	1,134	338	**	**
1995	958	368	**	**
1996	1,027	390	*	*
TX:.				
1994	783	214	870	387
1995	896	218	644	253
1996	783	319	1,102	447
WA:.				
1994	2,047	1,134	*	*
1995	2,000	1,067	**	**
1996	2,256	1,304	**	**
Durum.				
ND:.				
1994	2,328	1,378	**	**
1995	2,832	1,821	**	**
1996	2,940	2,087	*	*
Other Spring.				
MN:.				
1994	2,548	1,745	*	*
1995	2,183	1,410	*	*
1996	2,448	1,547	*	*
MT:.				
1994	3,243	1,394	**	**
1995	3,555	2,118	**	**
1996	3,192	2,122	**	**
ND:.				
1994	8,736	4,758	**	**
1995	7,802	4,165	**	**
1996	8,832	6,170	*	*
SD:.				
1994	1,743	633	**	**
1995	1,213	431	**	**

[1] Data not available for all States for all years. [2] Insufficient number of reports to publish data for fungicides and other chemicals. [3] Amount applied excludes Bt (bacillus thurengiensis). * Insufficient number of reports to publish data. ** No reports received for this pesticide class.

NASS, Crops Branch, (202) 720–2127.

Table 14-11.—Wheat: Fertilizer usage, 1994–96 [1]

State and Year	Acres treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Acres treated	Pounds applied	Acres treated	Pounds applied	Acres treated	Pounds applied
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Winter.						
CO:.						
1994	1,709	71.4	612	12.8	*	*
1995	1,674	81.0	621	16.7	*	*
1996	1,694	70.2	836	18.0	*	*
ID:.						
1994	719	68.9	450	15.8	55	2.2
1995	724	81.8	531	21.7	62	1.1
1996	834	96.2	413	22.1	129	5.0
IL:.						
1994	873	91.8	774	62.0	711	67.8
1995	1,321	121.7	1,168	89.2	987	89.9
KS:.						
1994	10,146	593.0	5,586	177.9	684	22.2
1995	9,900	560.7	6,710	215.8	770	25.0
1996	8,272	461.6	5,720	162.3	*	*
MO:.						
1994	1,078	93.4	847	38.8	891	53.6
1995	1,082	109.2	800	42.5	824	57.1
MT:.						
1994	1,536	90.8	1,462	44.2	3,145	3.4
1995	1,219	69.7	1,123	31.3	397	4.7
1996	1,624	84.7	1,584	46.9	238	4.3
NE:.						
1994	1,680	72.8	987	29.5	*	*
1995	1,680	80.0	882	27.3	*	*
1996	1,806	78.6	1071	34.8	*	*
OH:.						
1994	1,168	95.3	1,074	69.4	1,133	85.9
1995	1,210	102.6	1,125	72.3	113	79.1
OK:.						
1994	5,035	347.2	3,127	113.1	530	18.9
1995	4,992	356.3	3,016	96.3	624	10.3
1996	3,675	199.2	2,205	70.8	539	26.1
OR:.						
1994	861	54.5	96	3.2	*	*
1995	809	55.9	140	4.5	83	2.1
1996	850	65.0	85	2.5	43	1.1
SD:.						
1994	716	36.7	419	9.1	*	*
1995	806	30.3	654	20.6	*	*
1996	1,232	60.8	1,027	29.2	*	*
TX:.						
1994	2,059	182.4	1,015	41.4	232	4.1
1995	2,044	172.6	1,008	38.3	252	3.9
1996	2,262	183.6	899	39.4	*	*
WA:.						
1994	2,277	160.2	667	15.2	*	*
1995	2,064	158.1	645	12.9	215	6.4
1996	2,350	194.9	588	12.2	235	5.4
Durum.						
ND:.						
1994	2,083	145.8	1,691	44.7	98	0.9
1995	2,714	177.8	2,301	54.8	295	4.6
1996	2,790	168.6	2,190	50.9	240	4.9
Other Spring.						
MN:.						
1994	2,548	240.4	2,340	88.6	1,560	42.5
1995	2,138	177.7	2,025	74.7	1,620	43.2
1996	2,499	227.0	2,219	82.1	1,224	33.8
MT:.						
1994	2,657	103.5	2,174	47.6	587	5.4
1995	3,081	118.2	2,844	64.8	672	10.8
1996	3,486	173.5	3,276	89.6	378	3.6
ND:.						
1994	8,281	626.8	7,462	283.7	1,547	31.1
1995	7,304	458.8	6,640	198.0	1,162	16.0
1996	8,640	582.9	7,488	227.4	2,304	46.0
SD:.						
1994	1,659	87.2	1,386	31.9	210	3.1
1995	1,188	57.8	850	22.2	150	2.2

[1] Data not available for all States for all years. * Insufficient number of reports to publish data.
NASS, Crops Branch, (202) 720–2127.

Table 14-12.—Fruits: Percent of acres receiving applications, for surveyed States, 1995 [1]

Crop	Nitrogen	Phosphate	Potash	Herbicide	Insecticide	Fungicide
	Percent					
Apples	77	37	44	63	98	93
Apricots	67	30	30	34	83	92
Avocados	96	41	50	29	15	9
Blackberries	97	94	95	91	90	85
Blueberries	93	63	80	73	86	87
Cherries, Sweet	84	34	37	61	92	93
Cherries, Tart	86	23	50	67	94	98
Dates	75	22	*	29	12	54
Figs	65	20	27	54	*	**
Grapefruit	97	72	87	92	89	86
Grapes	84	28	40	74	67	90
Kiwifruit	84	11	19	65	13	**
Lemons	94	11	26	83	73	64
Limes	92	61	92	*	99	99
Nectarines	92	51	52	82	97	96
Olives	78	6	7	54	14	30
Oranges	99	48	75	97	94	69
Peaches	90	39	56	66	97	97
Pears	88	31	29	65	96	90
Plums	75	21	23	48	75	71
Prunes	88	21	44	46	73	84
Raspberries	98	97	97	92	83	90
Tangelos	99	69	99	99	96	82
Tangerines	97	60	73	83	90	73
Temples	100	48	95	99	98	97

[1] Refers to acres receiving one or more applications of a specific agricultural chemical.
* Insufficient reports to publish data. Blank entries indicate none reported for sample.
** No reports received for this pesticide class.
NASS, Crops Branch, (202) 720–2127.

Table 14-13.—Vegetables: Percent of acres receiving applications, for surveyed States, 1996 [1]

Crop	Herbicide	Insecticide	Fungicide
	Percent		
Asparagus	88	56	33
Beans, Lima, Fresh	93	47	34
Beans, Lima, Processing	49	60	18
Beans, Snap, Fresh	49	75	73
Beans, Snap, Processing	90	72	49
Broccoli	64	96	37
Cabbage, Fresh	62	94	57
Cabbage, Processing	95	89	11
Carrots	89	40	78
Cauliflower	31	97	18
Celery	68	97	86
Corn, Sweet, Fresh	79	89	42
Corn, Sweet, Processing	90	74	11
Cucumbers, Fresh	60	68	77
Cucumbers, Processing	76	36	34
Eggplant	33	89	84
Lettuce, Head	52	98	76
Lettuce, Other	52	86	73
Melons, Other	36	85	47
Melons, Watermelon	43	41	65
Onions, Bulb	88	83	89
Peas, Green, Processing	89	35	2
Peppers, Bell	67	88	75
Spinach, Fresh	56	72	49
Spinach, Processing	61	63	50
Strawberries	37	85	86
Tomatoes, Fresh	54	93	90
Tomatoes, Processing	78	71	90

[1] Refers to acres receiving one or more applications of a specific agricultural chemical.

NASS, Crops Branch, (202) 720–2127.

CHAPTER XV

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; 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 fibers, raw hides and skins, fats and oils, beer, 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 15-1.—Foreign trade: Value of total agricultural exports and imports, United States, fiscal years 1987–96

Year ending Sept. 30 [1]	Total domestic exports	Agricultural exports [2]		Total imports for consumption	Agricultural imports (for consumption) [3]					Excess of domestic agricultural exports over competitive imports
		Domestic	Percentage (domestic) of total exports		Total	Competitive	Noncompetitive	Competitive		
								Percentage of total agricultural exports	Percentage of total agricultural imports	
	Million dollars	*Million dollars*	*Percent*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Percent*	*Percent*	*Million dollars*
1987	230,787	27,876	12	388,024	20,650	13,864	6,786	50	67	14,012
1988	293,972	35,316	12	430,152	21,014	14,541	6,473	41	69	20,775
1989	340,859	29,471	9	462,551	16,423	11,632	4,791	39	71	17,839
1990	366,279	40,365	11	480,661	22,700	17,088	5,611	42	75	23,277
1991	394,291	37,780	10	486,308	22,722	17,275	5,447	46	76	20,505
1992	425,947	42,625	10	512,879	24,479	18,684	5,795	44	76	23,941
1993	433,373	42,879	10	562,038	24,624	19,080	5,544	44	77	23,799
1994	469,272	43,960	9	631,162	26,590	20,379	6,211	46	77	23,581
1995	534,248	54,725	10	728,886	29,852	21,389	8,463	39	72	33,336
1996 [4]	572,890	59,891	10	771,008	32,565	24,390	8,175	41	75	35,501

[1] Fiscal years Oct. 1–Sept. 30. [2] Includes food exported for relief or charity by individuals and private agencies. [3] Competitive 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. Noncompetitive 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. [4] Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5272.

Table 15-2.—Agricultural exports: Quantity Indexes, United States, fiscal years 1987–96

[Calendar year 1987=100]

Year ending Sept. 30 [1]	Total agricultural exports [2]	Animals and animal products	Meat and meat products [3]	Animal fats [3]	Dairy products [3]	Poultry and poultry products [3]	Cotton and linters	Tobacco unmanufactured	Grains and feeds	Vegetable oils and oilseeds	Fruits and vegetables
1987	99	103	102	100	93	98	99	115	95	100	99
1988	110	106	118	112	87	104	106	117	115	103	114
1989	106	127	162	113	63	109	111	100	110	75	119
1990	113	124	163	104	46	148	127	112	114	83	142
1991	108	126	175	96	19	165	119	123	98	76	155
1992	121	148	207	115	62	204	114	126	105	100	175
1993	121	151	217	112	81	251	87	118	108	101	176
1994	117	173	246	110	75	345	122	101	92	84	184
1995	148	214	305	144	69	475	154	101	122	121	194
1996 [4]	145	236	349	115	63	581	127	112	113	106	194

[1] Fiscal years, Oct. 1–Sept. 30. [2] Excludes quantities not in metric tons; accounts for 86 percent of total value of U.S. agricultural exports in 1987. [3] Included in ''Animals and animal products.'' [4] Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5272.

Table 15-3.—Agricultural imports: Quantity indexes, United States, fiscal years 1987–96

[Calendar year 1987=100]

Year ending Sept. 30 [1]	Total agricultural imports [2]	Noncompetitive imports [3]	Competitive imports [3]	Animals and animal products	Dairy products [4]	Hides and skins [4]	Meat and meat products [4]	Wool excluding free in bond [4]	Grains and feeds	Vegetable oils and oilseeds	Sugar cane or beet	Tobacco unmanufactured
1987	99	91	104	105	116	101	103	99	98	100	126	100
1988	96	87	98	97	99	82	102	113	114	114	91	97
1989	98	101	96	84	99	80	87	93	126	111	140	76
1990	107	113	104	93	118	61	91	67	132	120	149	86
1991	106	104	107	104	110	51	95	84	139	119	150	96
1992	113	122	107	92	108	62	91	84	161	122	137	162
1993	115	117	113	98	115	62	90	93	163	136	132	172
1994	117	110	122	98	131	62	93	87	251	170	136	142
1995	114	108	117	96	124	62	84	86	223	163	130	96
1996 [5]	122	117	124	88	124	62	82	73	215	164	230	115

[1] Fiscal years Oct. 1–Sept. 30. [2] Excludes quantities not in metric tons; accounts for 86 percent of total value of U.S. agricultural imports in 1987. [3] Competitive 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. Non-competitive 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. [4] Included in ''animals and animal products.'' [5] Preliminary.

ERS, Market and Trade Economics Divison, (202) 694–5272.

Table 15-4.—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, 1995 [1]

Commodity	Public Law 480				Food for progress [4]	Foreign Donations sec. 416(b) [5]	Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Long-term credit sales [2]	Title II donations		Title III [3]				Under specified Government programs	Outside specified Government programs [6]	All
		Government to government and World Food Program	Voluntary agencies							
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Butter	.....	.....	.....	.....	.....	20.1	.....	20.1	48.6	68.7
Butteroil	.....	.....	.....	.....	.....	10.6	.....	10.6	6.0	16.6
Nonfat dry milk	.....	.....	.....	.....	.....	0.8	.....	0.8	138.1	138.9
Whole dry milk	.....	.....	.....	.....	11.8	2.6	.....	14.4	56.5	70.9
Corn	6.8	32.2	14.3	9.9	0.4	.....	.....	63.6	6,555.8	6,619.4
Grain sorghums	.....	12.0	6.2	.....	.....	.....	.....	18.2	607.4	625.6
Cornmeal	.....	7.1	5.2	.....	0.1	.....	.....	12.4	22.4	34.8
Rice	25.4	4.1	7.2	12.8	4.4	.....	.....	53.9	994.4	1,048.3
Wheat	87.8	25.0	42.3	82.2	75.5	.....	.....	312.8	4,639.9	4,952.7
Wheat flour	4.1	31.9	18.1	9.7	7.7	.....	.....	71.5	174.6	246.1
Bulgur wheat	.....	9.8	20.3	.....	0.1	.....	.....	30.2	-27.5	2.7
Wheat-soy-blend	.....	5.2	13.9	.....	.....	.....	.....	19.1	-11.9	7.2
Other blended foods	.....	15.1	55.7	.....	.....	.....	.....	70.8	-6.4	64.4
Beans, dried	.....	24.2	13.1	.....	6.3	.....	.....	43.6	168.1	211.7
Peas, dried	.....	6.3	8.2	.....	.....	.....	.....	14.5	25.4	39.9
Lentil, dried	.....	6.2	5.5	.....	0.4	.....	.....	12.1	15.9	28.0
Soybeans	.....	.....	.....	.....	20.0	.....	.....	20.0	5,254.4	5,274.4
Soybean meal	40.6	.....	5.7	1.5	3.0	.....	.....	50.8	940.6	991.4
Soybean oil	.....	.....	2.5	.....	.....	.....	.....	2.5	806.0	808.5
Sunflowerseed oil	.....	.....	.....	.....	4.5	.....	.....	4.5	277.2	281.7
Vegetable oils, nec	.....	46.9	68.1	.....	7.2	.....	.....	122.2	198.7	320.9
Shortening	5.3	.....	.....	.....	.....	.....	.....	5.3	37.7	43.0
Tallow, edible	.....	.....	.....	4.6	.....	.....	.....	4.6	55.6	60.2
Tallow, inedible	.....	.....	.....	3.6	.....	.....	.....	3.6	585.0	588.6
Cotton	5.9	.....	.....	.....	.....	.....	.....	5.9	3,459.8	3,465.7
Other	.....	0.3	1.9	.....	1.0	.....	.....	3.2	28,711.6	28,714.8
Total [7]	175.9	226.3	288.2	124.3	142.4	34.1	NA	991.2	53,733.9	54,725.1

See footnotes at end of table 15-5.

Table 15-5.—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, 1996 [1]

Commodity	Public Law 480				Food for progress [4]	Foreign Donations sec. 416(b) [5]	Foreign Assistance Act of 1961, as amended (AID)	Total agricultural exports		
	Long-term credit sales [2]	Title II donations		Title III [3]				Under specified Government programs	Outside specified Government programs [6]	All
		Government to government and World Food Program	Voluntary agencies							
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Nonfat dry milk	.....	.....	.....	.....	.....	0.4	.....	0.4	56.5	56.9
Whole dry milk	.....	.....	.....	.....	19.3	3.9	.....	23.2	6.1	29.3
Corn	.....	24.5	5.9	1.3	5.2	.....	.....	36.9	8,332.4	8,369.3
Grain sorghums	.....	.....	0.3	8.5	.....	.....	.....	8.8	726.5	735.3
Cornmeal	.....	6.4	2.6	.....	0.3	.....	.....	9.3	33.7	43.0
Rice	.....	8.1	6.0	.....	6.8	.....	.....	20.9	980.5	1,001.4
Wheat	.....	48.2	26.5	38.9	43.5	.....	.....	157.1	6,722.0	6,879.1
Wheat flour	.....	9.7	12.0	7.4	5.9	.....	.....	35.0	111.6	146.6
Bulgur wheat	.....	13.9	21.9	.....	0.1	.....	.....	35.9	-34.3	1.6
Wheat-soy-blend	.....	4.1	11.0	.....	.....	.....	.....	15.1	-7.9	7.2
Other blended foods	.....	17.3	42.4	.....	0.1	.....	.....	59.8	8.0	67.8
Sorghum grits	.....	0.4	3.6	.....	.....	.....	.....	4.0	50.2	54.2
Beans, dried	.....	8.3	3.8	.....	3.4	.....	.....	15.5	181.7	197.2
Peas, dried	.....	12.4	5.2	.....	.....	.....	.....	17.6	25.0	42.6
Lentil, dried	.....	3.7	5.3	.....	0.8	.....	.....	9.8	14.7	24.5
Soybean meal	.....	.....	0.7	.....	8.0	.....	.....	8.7	1,222.8	1,231.5
Soybean oil	.....	.....	17.2	.....	.....	.....	.....	17.2	254.6	271.8
Sunflowerseed oil	.....	.....	.....	.....	4.1	.....	.....	4.1	172.1	176.2
Vegetable oils, nec	.....	18.3	45.0	.....	20.3	.....	.....	83.6	318.9	402.5
Other	.....	.....	.....	.....	2.6	.....	.....	2.6	40,149.9	40,152.5
Total [7]	0	175.3	209.4	56.1	120.4	4.3	NA	565.6	59,324.9	59,890.5

[1] Preliminary. [2] Includes long-term dollar and convertible foreign currency credit sales. [3] Shipment under this title represents grants to least-developed countries. Prior to fiscal year 1991, shipments under Titles I and III were reported together. [4] This program is used to support countries that have made commitments to introduce or expand free enterprise elements in their agricultural economy. [5] Section 416(b) of the Agricultural Act of 1949, as amended. [6] "Agricultural exports outside specified 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 through the Commodity Credit Corporation. Negative quantity due to adjustments for prior periods, reporting lags or classification differences. [7] Totals may not add due to rounding. NA-Not Available.

ERS, Market and Trade Economics Division, (202) 694–5266.

Table 15-6.—U.S. agricultural exports under the concessional program: Estimated market value of agricultural shipments under Title I of Public Law 480 for fiscal years 1996 and 1997 [1]

Country	Cotton	Feed Grains	Rice	Oilseeds/ Meal	Tallow	Vegetable Oils	Wheat and Flour	Total
	1996 (year ending Sept. 30, 1996)							
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Angola	.....	.....	.....	.....	.....	4,400	3,200	7,600
Armenia	.....	.....	.....	.....	.....	.....	11,400	11,400
Belarus	.....	.....	.....	9,000	.....	.....	.....	9,000
Bolivia	.....	.....	.....	.....	.....	.....	8,600	8,600
Congo	.....	.....	3,000	.....	.....	5,000	.....	8,000
Cote D'Ivoire	.....	.....	10,000	.....	.....	.....	.....	10,000
El Salvador	.....	.....	.....	3,600	6,000	2,500	.....	12,100
Guyana	.....	.....	.....	.....	.....	.....	9,000	9,000
Jamaica	.....	.....	15,000	.....	.....	.....	.....	15,000
Jordan	.....	.....	8,000	.....	.....	.....	13,000	21,000
Lithuania	.....	.....	.....	10,000	.....	.....	.....	10,000
Moldova	.....	.....	5,700	.....	.....	.....	6,500	12,200
Pakistan	.....	.....	.....	10,000	.....	.....	.....	10,000
Philippines	.....	.....	15,000	.....	.....	.....	.....	15,000
Sri Lanka	.....	.....	.....	.....	.....	.....	9,600	9,600
Suriname	.....	.....	.....	.....	.....	.....	1,900	1,900
Turkmenistan	.....	.....	.....	.....	.....	.....	8,700	8,700
Ukraine	.....	.....	.....	18,400	.....	.....	.....	18,400
Total	.....	.....	56,700	51,000	6,000	11,900	71,900	197,500
	1997 (year ending Sept 30, 1997)							
Armenia	.....	.....	.....	.....	.....	.....	11,300	11,300
Bolivia	.....	.....	.....	.....	.....	.....	10,000	10,000
Cote D'Ivoire	.....	.....	10,000	.....	.....	.....	.....	10,000
El Salvador	.....	.....	.....	3,100	1,200	4,900	.....	9,200
Georgia	.....	.....	.....	.....	.....	.....	17,200	17,200
Guyana	.....	.....	.....	.....	.....	.....	7,800	7,800
Jamaica	.....	.....	5,300	.....	.....	.....	.....	5,300
Jordan	.....	.....	.....	.....	.....	.....	20,900	20,900
Lithuania	.....	.....	.....	7,600	.....	.....	.....	7,600
Pakistan	.....	.....	.....	10,000	.....	.....	25,000	35,000
Sri Lanka	.....	.....	.....	.....	.....	.....	10,000	10,000
Ukraine	8,300	.....	.....	.....	.....	.....	.....	8,300
Total	8,300	.....	15,300	20,700	1,200	4,900	102,200	152,600

Reflects value of agreements signed under Title I. The totals do not include Food for Progress programs using Title I funds.

FAS—CCC Program Support Division, (202) 720–9843.

Table 15-7.—U.S. agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance, and total, fiscal years 1991–96 [1]

Type of export	1991	1992	1993	1994	1995 [2]	1996 [2]
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Public Law 480:.						
Local currency sales	11	(3)	(3)	(3)	(3)	(3)
Long-term dollar and convertible foreign currency credit sales	384	275	352	694	176	.....
Government-to-government and World Food Program donations	298	152	219	324	226	175
Donations through voluntary agencies	208	225	284	331	288	209
Title III [4]	.....	169	157	199	124	56
Food for progress [5]	.....	77	361	246	142	120
Foreign donations, section 416(b) [6]	208	176	440	258	34	4
Foreign Assistance Act of 1961, as amended (AID)	69	3	204	11	NA	NA
Total agricultural exports under specified Government programs [7]	1,178	1,077	2,016	2,063	991	566
	Billion dollars	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*
Commercial exports (sales for dollars):						
Without assistance	32.4	35.9	36.8	39.1	51.1	56.1
With assistance	4.0	5.5	3.8	2.8	2.6	3.2
Total commercial exports [7]	36.4	41.4	40.6	41.9	53.7	59.3
Total exports [8]	37.6	42.4	42.6	44.0	54.7	59.9

[1] Fiscal years Oct. 1–Sept. 30. [2] Preliminary. [3] No data reported. [4] Shipment under this title represents grants to least-developed countries. Prior to fiscal year 1991, shipments under Title I and III were reported together. [5] This program is used to support countries that have made commitments to introduced or expand free enterprise elements in their agricultural economy. [6] Section 416(b) of the Agricultural Act of 1949, as amended. [7] Totals may not add due to rounding. [8] Shipments under export credit guarantee programs (GSM–102 and GSM–103). NA-not available.

ERS, Market and Trade Economics Division, (202) 694–5266.

Table 15-8.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1992–96 [1]

Product	1992	1993	1994	1995	1996 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
All commodities	425,946,700	433,372,800	469,271,500	534,248,200	572,890,300
Nonagricultural commodities	383,321,608	390,493,618	425,311,634	479,523,051	512,999,766
Agricultural commodities	42,625,092	42,879,182	43,959,866	54,725,149	59,890,534
Animals and animal products [3]	7,848,560	8,005,129	8,774,010	10,730,186	11,402,719
Animals, live excluding poultry	567,302	357,544	468,926	396,703	439,593
Cattle	217,434	114,877	167,333	114,835	108,352
Other	349,869	242,666	301,593	281,869	331,241
Dairy products	730,983	885,839	828,164	806,409	735,830
Butter and anhydrous milkfat	80,023	141,738	118,749	85,331	33,209
Cheese and curd	46,215	54,609	65,341	86,540	100,831
Milk, condensed, or evaporated	4,047	13,620	15,387	8,806	35,435
Milk, nonfat dry	158,264	153,050	112,849	138,919	56,883
Other	442,434	522,823	515,838	486,814	509,472
Fats, oils and greases	497,622	518,852	514,931	841,529	674,301
Lard and other rendered pig fat	31,117	29,952	29,020	43,040	35,060
Tallow, inedible	321,658	351,895	335,375	588,636	456,025
Other	144,847	137,006	150,536	209,853	183,215
Meats and meat preparations	3,235,835	3,349,466	3,502,820	4,362,478	4,746,638
Beef and veal, except offals	1,975,163	2,032,495	2,156,363	2,567,600	2,606,582
Pork, except offals	419,979	462,906	524,703	812,117	992,548
Offals, edible, variety meats	570,583	581,042	538,196	688,492	778,284
Others	270,111	273,024	283,558	294,269	369,224
Poultry and poultry products	1,192,807	1,313,100	1,717,796	2,208,254	2,727,232
Poultry, live:					
Breeding chicks	89,625	97,764	96,610	98,014	94,300
Baby chicks, excluding breeding	6,332	7,196	8,884	7,834	3,570
Other	21,991	19,673	14,052	15,443	10,399
Poultry meat; fresh, frozen:					
Chickens	683,783	732,829	1,111,752	1,557,807	2,000,319
Turkeys	107,776	140,366	154,764	157,139	197,037
Other	15,306	16,370	13,560	18,700	13,142
Eggs	136,745	141,590	157,457	165,595	208,328
Other	131,248	157,312	160,716	187,721	200,137
Hides and skins, including furskins	1,337,262	1,287,709	1,438,786	1,738,410	1,677,193
Cattle hides, whole	1,106,635	1,062,353	1,128,046	1,405,999	1,175,798
Furskins	91,543	96,865	127,093	125,318	173,802
Other	139,084	128,491	183,647	207,092	327,593
Other animal products	286,749	292,619	302,587	376,403	401,932
Hair, animal, excluding wool or fine hair	2,130	1,871	2,622	2,486	2,965
Sausage casings	37,217	38,604	41,591	39,136	46,466
Wool, unmanufactured, including fine hair	21,204	11,635	25,764	42,177	23,435
Other	226,198	240,509	232,610	292,604	329,066
Non-animal products [2]	34,776,532	34,874,053	35,185,856	43,994,963	48,487,815
Cotton, unmanufactured	2,194,588	1,537,660	2,306,374	3,496,438	3,028,083
Cotton, raw	2,183,195	1,525,944	2,286,576	3,465,653	2,999,683
Linters	11,394	11,716	19,798	30,785	28,400
Fruits and preparations	2,817,940	2,741,609	3,041,261	3,255,642	3,313,239
Canned	132,536	131,205	121,852	133,998	138,494
Dried	353,747	361,382	364,254	383,415	380,156
Fresh	1,737,141	1,657,383	1,901,064	1,960,860	1,982,133
Fruit juices	458,860	452,031	502,469	614,566	646,265
Other	135,656	139,608	151,622	162,803	166,191
Nuts and preparations	1,154,748	1,119,225	1,288,124	1,349,321	1,582,410
Grains and feeds	13,924,319	14,194,437	13,234,432	17,432,008	21,399,057
Feed grains and products	5,792,542	5,259,378	4,743,979	7,594,627	9,552,055
Feed grain	5,659,056	5,093,583	4,568,545	7,411,379	9,337,941
Barley	219,580	168,975	148,231	164,014	227,975
Corn	4,593,346	4,250,915	3,816,766	6,619,419	8,369,276
Grain sorghum	839,437	660,505	600,160	625,558	735,303
Oats	6,603	13,147	3,322	2,296	5,255
Rye	89	42	65	92	133
Other	133,486	165,795	175,434	183,248	214,114
Rice	756,709	766,408	888,994	1,048,300	1,001,389
Wheat and products	4,520,056	4,994,310	4,273,668	5,250,586	7,081,646
Wheat	4,317,735	4,737,015	4,023,536	4,952,666	6,879,133
Wheat flour	164,798	217,047	203,116	246,124	146,621
Other wheat products	37,523	40,248	47,016	51,796	55,892
Blended food products	63,069	90,484	86,328	71,608	74,955
Other	772,588	937,070	1,010,570	968,559	1,055,906
Feeds and fodders, excluding oilcake and meal	2,019,355	2,146,787	2,230,893	2,498,328	2,633,106
Corn byproducts	870,132	884,662	841,735	864,111	950,330
Alfalfa meal and cubes	84,720	94,616	66,514	36,011	49,433
Other	1,064,502	1,167,509	1,322,644	1,598,206	1,633,343

See footnotes at end of table.

Table 15-8.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1992–96 [1]—Continued

Product	1992	1993	1994	1995	1996 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Non-animal products--Continued					
Oilseeds and products	7,155,921	7,206,151	6,851,559	8,932,888	9,537,789
Oilcake and meal	1,431,251	1,260,594	1,084,047	1,152,905	1,353,442
Soybean oilseed cake and meal	1,285,881	1,084,392	965,327	991,423	1,231,511
Other	145,370	176,202	118,720	161,482	121,931
Oilseeds	4,742,868	4,977,903	4,554,955	5,856,913	6,841,711
Soybeans	4,311,430	4,606,097	4,160,933	5,274,426	6,312,093
Other	219,757	206,188	191,336	288,650	240,293
Protein substances	211,681	165,618	202,686	293,836	289,325
Vegetable oils and waxes	981,803	967,654	1,212,557	1,923,070	1,342,636
Soybean oil	356,225	327,381	432,830	808,532	271,785
Other	625,578	640,273	779,727	1,114,538	1,070,851
Tobacco, unmanufactured	1,568,483	1,442,763	1,260,182	1,329,050	1,392,705
Flue-cured	905,403	875,495	755,871	810,682	803,017
Other	663,080	567,268	504,311	518,368	589,687
Vegetable and preparations	2,598,576	2,974,846	3,229,209	3,875,819	3,733,272
Canned	230,047	271,516	267,179	304,722	318,952
Pulses	218,263	206,322	255,306	276,600	264,333
Fresh	826,217	957,842	918,666	1,078,196	932,533
Hops, including extract	101,069	113,276	96,929	127,237	107,512
Other	1,222,979	1,425,890	1,691,129	2,089,063	2,109,941
Essential oils	347,253	412,138	435,206	538,661	572,694
Seeds, except oilseeds	659,056	653,032	604,843	665,803	713,854
Other vegetable products	2,355,648	2,592,192	2,934,666	3,119,333	3,214,712

[1] Fiscal years, Oct. 1–Sept. 30. [2] Preliminary. [3] Totals may not add due to rounding.

ERS, Market and Trade Economics Division, (202) 694–5272. Compiled from reports of the U.S. Department of Commerce.

Table 15-9.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1992–96 [1]

Product	1992	1993	1994	1995	1996 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
All commodities	512,878,500	562,037,900	631,161,600	728,885,500	771,007,700
Nonagricultural commodities	488,399,027	537,414,095	604,571,328	699,033,121	738,442,832
Agricultural commodities	24,479,473	24,623,805	26,590,272	29,852,379	32,564,868
Competitive [3]	18,684,076	19,079,880	20,378,787	21,388,978	24,389,616
Animals and animal products	5,530,545	5,929,807	5,820,162	5,961,745	5,955,048
Animals, live, excluding poultry	1,275,160	1,569,242	1,359,582	1,655,260	1,550,624
Cattle, live	1,133,392	1,407,268	1,196,135	1,403,579	1,176,273
Meats and meat products	2,683,592	2,725,926	2,721,153	2,332,054	2,251,046
Meats, P.L. 88-482	1,715,898	1,697,794	1,583,354	1,307,598	1,118,575
Meats, fresh, frozen	2,165,227	2,199,776	2,152,893	1,834,025	1,731,474
Beef and veal	1,702,404	1,688,065	1,571,442	1,293,026	1,101,016
Pork	373,843	401,158	457,402	407,489	448,574
Mutton, goat, and lamb	46,956	57,175	59,731	77,461	113,335
Meats, prepared, preserved	481,340	492,790	537,190	468,096	486,300
Beef and veal	230,626	230,634	251,042	214,644	224,322
Pork	250,714	262,156	286,148	253,452	261,979
Mutton, goat, and lamb	0	0	0	0	0
Poultry and products	132,113	137,136	133,196	160,632	177,697
Dairy products	832,826	879,005	976,852	1,072,337	1,209,123
Milk and cream, fresh or dried	7,976	9,172	8,507	8,916	16,618
Cheese	420,443	455,360	492,882	521,838	557,288
Casein and mixtures	353,361	338,929	366,894	410,836	481,941
Fats, oils and greases	30,588	36,141	33,194	37,779	44,800
Hides and skins	184,560	181,270	194,892	210,159	191,918
Sheep and lamb skins	22,106	20,257	18,946	29,501	12,749
Furskins	59,218	57,743	76,996	60,344	68,746
Wool, unmanufactured excluding free	133,313	129,057	111,745	153,657	124,588
Sauage casings	59,466	59,250	62,008	61,313	63,769
Other animal products	198,927	212,780	227,540	278,554	341,483
Non-animal products	13,153,531	13,150,073	14,558,625	15,427,233	18,434,568
Grains and feeds	1,545,179	1,606,018	2,289,673	2,244,036	2,516,805
Wheat, excluding seed, edible	165,787	169,377	311,591	241,644	199,499
Barley	50,090	18,032	184,126	117,895	126,300
Biscuits, wafers	390,940	431,461	491,837	545,995	607,068
Feeds and fodders	275,215	278,129	338,900	372,835	484,039

See footnotes at end of table.

Table 15-9.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1992–96 [1]—Continued

Product	1992	1993	1994	1995	1996 [2]
Competitive [3]—Continued	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*
Non-animal products—Continued	*dollars*	*dollars*	*dollars*	*dollars*	*dollars*
Fruits and preparations	2,274,660	2,030,855	2,131,949	2,223,593	2,629,365
Fresh or frozen	877,877	894,106	951,724	1,108,347	1,232,610
Strawberries	34,928	43,430	54,805	72,502	72,190
Prepared or preserved	525,780	496,792	493,804	484,711	577,310
Pineapples	227,485	215,606	179,843	152,384	197,040
Fruit juices	871,003	639,958	686,421	630,535	819,445
Nuts and preparations	432,363	508,020	476,693	495,520	530,148
Vegetables and preparation	2,179,350	2,500,135	2,718,559	3,113,725	3,420,579
Fresh or frozen	1,005,697	1,327,769	1,419,366	1,689,934	1,967,038
Tomatoes	143,179	307,454	328,155	406,067	679,977
Prepared or preserved	1,173,653	1,172,366	1,299,193	1,423,791	1,453,542
Olives	156,853	154,182	152,633	165,148	180,158
Mushrooms, canned	117,506	100,977	132,677	167,113	115,561
Hops and extract	39,352	23,171	37,356	37,871	41,678
Sugar and related products	1,169,097	1,123,379	1,185,280	1,298,848	1,807,649
Sugar, cane of beet	633,203	591,427	615,760	663,868	1,049,572
Molasses, inedible	66,359	59,082	89,418	73,850	98,549
Confectionery products	328,459	325,289	334,171	434,459	460,717
Spices	54,277	42,647	31,852	35,751	46,760
Tobacco, unmanufactured	1,299,030	1,101,227	912,069	571,636	769,768
Tobacco, filter	1,260,580	1,039,657	881,045	546,726	727,901
Tobacco, scrap	25,664	51,354	16,532	13,918	24,251
Beverages, excluding fruit juices	2,058,086	1,991,015	2,184,293	2,320,408	2,803,894
Wine	1,078,982	963,354	1,020,960	1,093,002	1,355,337
Malt beverages	849,402	914,863	1,035,964	1,113,927	1,302,759
Oilseeds and products	1,119,022	1,192,122	1,465,362	1,745,202	2,059,471
Oilseeds and oilnuts	135,063	130,431	273,168	261,843	324,010
Flaxseed	23,291	23,256	29,446	38,924	45,262
sesame seed	44,241	36,607	41,576	48,195	67,881
Oils and waxes--vegetables	899,584	972,243	1,084,079	1,379,130	1,564,670
Castor oil	20,153	23,152	27,921	30,942	34,893
Coconut oil	205,365	226,756	207,053	301,254	279,040
Olive oil	246,895	242,484	233,483	328,302	451,572
Palm oil	34,777	45,469	61,798	53,070	54,605
Palm kernel oil	79,911	76,818	72,222	90,669	90,762
Cotton, excluding linters	670	334	4,193	12,325	269,550
Cotton linters	9,221	11,121	13,140	18,114	16,881
Seeds, field and garden	206,452	202,087	233,571	231,962	300,595
Nursery stock	591,652	640,663	696,628	823,424	948.847
Other vegetable products	214,472	200,450	215,363	292,689	314,256
Noncompetitive [3]	5,795,396	5,543,925	6,211,485	8,463,401	8,175,252
Bananas, fresh	1,008,483	1,004,787	983,322	1,052,675	1,093,212
Plaintains, fresh	49,527	48,259	50,585	51,808	58,683
Coffee, green	1,664,917	1,361,445	1,844,099	3,082,694	2,559,089
Coffee, roasted	45,843	46,132	72,065	96,341	110,544
Coffee soluble, extracts	87,365	92,938	102,778	183,599	189,679
Cocoa bean	424,505	365,691	407,962	338,544	565,238
Cocoa butter	278,476	205,032	167,807	210,043	239,092
Cocoa, cake, powder, etc	94,349	105,322	123,675	118,980	106,199
Chocolate preparation	286,216	321,299	356,678	394,515	422,201
Tea, crude or prepared	173,113	186,886	185,728	193,689	200,994
Spices	267,441	259,113	307,881	337,018	352,846
Pepper, unground, black	43,267	39,428	56,215	83,111	89,099
Vanilla beans	71,676	60,177	66,337	59,178	43,954
Other	152,498	159,508	185,329	194,729	219,793
Rubber, crude, natural:					
Rubber-latex	73,754	76,596	83,295	116,802	120,119
Rubber-dry form	677,492	760,034	798,097	1,471,525	1,320,070
Silk, raw	5,751	4,795	4,834	3,537	4,150
Wool, unmanufactured, duty-free	27,539	29,247	30,443	41,819	40,209
Fibers, excluding cotton, jute	40,942	42,589	55,556	53,692	49,645
Essential oils	228,228	244,977	276,672	352,709	328,206
Drugs, crude natural	307,418	342,558	332,313	336,294	388,618
Other	54,037	46,225	27,695	27,117	26,458

[1] Fiscal years, Oct. 1–Sept. 30. [2] Preliminary. [3] Competitive agricultural import products consist of all products similar to agriculural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such U.S. commodities. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers.

ERS, Market and Trade Economics Division, (202) 694–5272. Compiled from reports of the U.S. Department of Commerce.

Table 15-10.—Agricultural exports: Value of U.S. exports to the European Union, by commodity, fiscal years 1994/95 and 1995/96 [1]

Commodity	Value 1994/95	Value 1995/96 [2]
	1,000 dollars	*1,000 dollars*
Total agricultural exports	8,312,923	8,932,193
Variable-levy commodities.		
Beef and veal	23,767	28,455
Pork	3,986	6,292
Other meats—fresh or prepared	4,150	4,659
Poultry—live	9,175	8,154
Baby chicks	8,883	7,917
Poultry meats	54,966	44,622
Chickens—fresh or frozen	40,407	34,494
Turkeys—fresh or frozen	10,721	7,698
Other poultry—fresh or frozen	1,594	490
Poultry meats—prepared or preserved	2,244	1,941
Eggs	15,224	17,662
Dairy products	26,607	31,039
Lard	1,973	554
Wheat, unmilled	92,177	129,306
Wheat, flour	945	1,519
Other wheat products	1,333	1,335
Rice-paddy, milled	126,232	133,212
Feed grains and products	419,892	539,158
Feed grains	406,097	526,184
Barley	4,256	5,921
Corn	354,986	381,513
Grain sorghums	46,779	138,600
Oats	72	31
Rye	5	118
Blended food products	416	255
Other grain products	75,454	47,409
Sugar	1,265	5,632
Related sugar products	36,987	47,740
Chocolate and prep	11,261	25,051
Nonvariable-levy commodities.		
Animals live—excluding poultry	102,026	111,010
Horses, mules, burros—live	95,360	104,285
Horsemeat—fr. chill, froz	51,370	52,035
Variety meats, edible offals	24,883	23,454
Feathers and downs, crude	2,123	2,593
Tallow—inedible	108,280	94,523
Other animal fats and oils	42,533	21,556
Hides and skins, incl. furs	114,770	152,137
Cattle hides, whole	48,685	56,522
Furskins	13,048	20,334
Wool and mohair	26,470	10,278
Sausage casings	1,979	5,081
Bull semen	29,999	26,358
Misc. animal products—other	99,069	118,753
Corn by-products	686,612	701,670
Alfalfa meal and cubes	20	0
Beet pulp	46,725	37,278
Citrus pulp pellets	78,225	87,775
Other feeds and fodders	270,104	300,400
Fruits and prep, excluding juice	361,151	410,939
Fruits, fresh	133,934	169,010
Fruits, fresh, citrus	54,292	67,740
Grapefruit, fresh	51,230	61,266
Lemons and limes, fresh	1,189	3,294
Oranges and tangerines, fresh	1,796	2,811
Other citrus, fresh	77	369
Nonvariable levy commodities—Continued		
Fruits, fresh, noncitrus	79,642	101,270
Apples, fresh	25,523	21,777
Grapes, fresh	11,608	15,979
Other noncitrus, fresh	42,511	63,514
Fruits, dried	182,982	186,932
Raisins, dried	89,127	92,269
Prunes, dried	80,817	80,568
Other dried fruits	13,038	14,095
Fruits—canned excl. juice	16,996	20,953
Fruits—froz. excl. juice	10,651	13,975
Other fruits—prep. or pres	16,588	20,068
Fruit juices incl. frozen	124,177	106,083
Orange juice	87,478	71,333
Other fruit juices	36,699	34,750
Wine	79,217	140,508
Nuts and preparations	719,309	866,531
Almonds (shelled basis)	471,702	613,783
Peanuts, shelled or prep- arations	122,846	77,413
Walnuts, shelled/unshelled	83,122	115,746
Vegetables and preparations	445,457	423,832
Vegetables—fresh	18,034	23,882
Vegetables—frozen	37,481	8,287
Vegetables—canned	43,259	43,645
Pulses	91,463	80,718
Dried beans	77,569	71,116
Dried peas	4,985	2,551
Dried lentils	8,909	7,051
Hops, including hop extract	42,378	35,366
Other veg.—prep. or pres	212,842	231,934
Oilseeds and products	2,652,224	2,593,093
Oilcake and meal	230,711	156,672
Soybean meal	89,330	61,135
Other oilcake and meal	141,381	95,537
Oilseeds	2,309,726	2,277,647
Soybeans	2,087,564	2,084,662
Sunflowerseeds	91,419	82,332
Peanuts and oilstock	43,992	27,521
Other oilseeds	21,197	7,422
Protein substances	65,554	75,711
Vegetable oils	111,788	158,773
Soybean oil	4,994	4,218
Cottonseed oil	1,869	4,563
Sunflower oil	22,877	21,192
Other vegetable oils and waxes	82,048	128,800
Tobacco—unmfg	533,523	674,685
Cotton, excl. linters	135,725	161,628
Cotton linters	5,828	4,616
Essential oils	139,676	147,665
Seeds—field and garden	241,662	216,463
Coffee	13,736	3,905
Cocoa	4,005	1,201
Tea and mate	12,297	18,064
Spices	7,517	9,968
Flavoring sirups and extract	0	0
Rubber—crude natural	4,610	4,009
Fibers excl. cotton	920	653
Nursery and greenhouse products	60,985	69,683
Beverages excl. juices	59,164	84,510
Other miscellaneous vegetable products	96,964	154,339

[1] Fiscal years Oct. 1–Sept. 30. [2] Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5272.

Table 15-11.—U.S. agricultural exports: Value by country of destination, total and specified Government programs, fiscal years 1994–96 [1]

Country	1994			1995			1996		
	Total agricultural exports	Under specified Government financed programs [2]	Outside specified Government financed programs [3]	Total agricultural exports	Under specified Government financed programs [2 4]	Outside specified Government financed programs [3]	Total agricultural exports	Under specified Government financed programs [2 3 4]	Outside specified Government financed programs [3]
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Japan	9,336.9	0	9,336.9	10,673.9	0	10,673.9	11,881.8	0	11,881.8
Canada	5,321.2	0	5,321.2	5,911.3	0	5,905.9	6,000.8	0	6,000.8
Mexico	4,199.3	19.8	4,179.5	3,735.2	5.4	3,729.8	5,023.0	0	5,023.0
Rep. of Korea	2,063.8	0	2,063.8	3,584.9	0	3,584.9	3,712.8	0	3,712.8
Taiwan	2,107.3	0	2,107.3	2,557.4	0	2,557.4	2,927.4	0	2,927.4
Netherlands	1,587.0	0	1,587.0	2,098.5	0	2,098.5	2,084.8	0	2,084.8
China	880.0	0	880.0	2,415.7	0	2,415.7	1,816.9	0	1,816.9
Hong Kong	1,112.1	0	1,112.1	1,439.7	0	1,439.7	1,533.8	0	1,533.8
Germany	1,035.9	0	1,035.9	1,180.8	0	1,180.8	1,427.9	0	1,427.9
Egypt	598.9	9.6	589.3	1.295.2	0	1,295.2	1,418.6	0.4	1,418.2
Russia	1,103.5	289.8	813.7	912.8	86.9	825.9	1,235,3	23.0	1,212.3
United Kingdom	929.8	0	929.8	1,035.8	0	1,035.8	1,176.8	0	1,176.8
Spain inc Canary Is	778.9	0	778.9	1,169.3	0	1,169.3	1,045.8	0	1,045.8
Indonesia	410.0	5.4	404.6	710.2	2.8	707.4	909.1	0	909.1
Philippines	563.3	31.5	532.1	687.0	25.6	661.4	908.7	2.6	906.1
Italy	564.8	0	564.8	664.6	0	664.6	797.4	0	797.4
Belgium-Luxembourg	503.4	0	503.4	585.1	0	585.1	694.4	0	694.4
Malaysia	201.0	0	201.0	377.4	0	377.4	628.0	0	628.0
Israel, inc Gaza	347.1	1.0	346.1	452.7	0	452.7	625.6	0	625.6
Colombia	264.0	0	264.0	431.3	0	431.3	601.0	0	601.0
Thailand	363.7	0	363.7	517.6	0	517.6	599.7	0	599.7
Turkey	234.0	0	234.0	510.1	0	510.1	591.3	0	591.3
Saudi Arabia	472.5	0.7	471.8	479.9	0	479.9	580.5	0	580.5
Brazil	231.2	0.1	231.1	673.6	0	673.6	579.8	0	579.8
France	470.7	0	470.7	526.2	0	526.2	499.1	0	499.1
Venezuela	404.0	0	404.0	496.5	0	496.5.1	445.9	0	445.9
Pakistan	212.6	46.0	166.6	389.3	5.8	3833.5	394.1	0	394.1
Dominican Republic	269.0	4.0	265.0	343.9	2.7	341.2	384.6	3.0	381.6
Peru	206.1	99.0	107.1	268.8	49.6	219.2	353.9	35.1	318.8
Portugal	224.0	0	224.0	253.2	0	253.2	317.4	0	317.4
Algeria	592.3	0	592.3	439.7	0	439.7	312.8	0	312.8
Australia	361.8	0	361.8	409.8	0	409.8	309.6	0	309.6
Rep of South Afrida	115.2	0	115.2	258.2	0	258.2	300.8	0	300.8
Singapore	253.3	0	253.3	286.3	0	286.3	298.4	0	298.4
Denmark	143.9	0	143.9	184.9	0	184.9	244.1	0	244.1
Guatemala	183.0	0	183.0	222.3	17.3	205.0	243.1	8.3	234.8
Morocco	165.3	17.8	147.5	131.8	0	131.8	239.4	0	239.4
Ireland	214.9	0	214.9	234.3	0	234.3	232.1	0	232.1
Costa Rica	165.8	0.6	165.2	167.6	0.9	166.7	217.2	0	217.0
Jamaica	126.8	21.3	105.5	148.1	7.5	140.6	197.9	3.6	194.3
Poland	111.5	0	111.5	78.7	0	78.7	197.4	0	197.4
El Salvador	129.3	11.3	118.0	154.3	0.1	154.2	196.9	0	193.8
Nigeria	73.1	0	73.1	110.0	0	110.0	186.9	0	186.9
Haiti	70.4	29.7	40.7	231.9	36.4	195.5	186.2	23.8	162.4
Switzerland	157.1	0	157.1	227.8	0	227.8	179.0	0	179.0
Jordan	142.8	34.1	108.7	138.3	0	138.3	165.3	0	165.3
Eduador	69.0	2.2	66.8	141.5	0.2	141.3	158.4	0	157.9
Lebanon	50.4	0	50.4	94.7	0	94.7	151.6	0	151.6
Argentina	104.6	0	104.6	134.8	0	134.8	151.5	0	151.5
United Arab Emirates	102.8	0	102.8	134.0	0	134.0	149.1	0	149.1
Other countries	3,603.3	1,438.8	2,191.5	4,438.2	750.0	3,693.6	4,376.6	462.0	3,914.6
Total	43,959.9	2,062.7	41,897.2	54,725.1	991.2	53,733.9	59,890.5	565.6	59,324.9

[1] Fiscal years, Oct. 1–Sept. 30. [2] Includes Title I local currency sales and 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 agencies, under P.L. 83–480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes shipments under the Foreign Assistance Act of 1961, as amended and beginning 1984, section 416(b) of the Agricultural Act of 1949, as amended. [3] "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 of relatively short periods through the Commodity Credit Corporation. [4] Preliminary. AID is not included in this data.

ERS,Market and Trade Economics Division, (202) 694-5266.

Table 15-12.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1994–96 [1]

Country	1994			1995			1996		
	Total	Non-competitive [2]	Competitive [2]	Total	Non-competitive [2]	Competitive [2]	Total	Non-competitive [2]	Competitive [2]
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
Canada	5,274.8	282.2	4,992.6	5,428.4	358.7	5,069.7	6,485.0	376.2	6,108.7
Mexico	2,832.8	420.2	2,412.6	3,770.1	696.6	3,073.6	3,729.2	675.3	3,053.9
Indonesia	925.1	803.5	121.6	1,378.1	1,248.4	129.7	1,521.4	1,343.6	177.8
Italy	879.2	46.3	832.9	1,034.6	62.2	972.4	1,250.2	79.5	1,170.7
Brazil	1,402.5	548.0	854.6	1,329.6	736.4	593.2	1,250.0	432.1	817.9
Netherlands	977.7	106.5	871.2	1,082.6	112.6	970.0	1,173.6	111.7	1,061.9
Colombia	940.2	591.1	349.1	1,148.6	734.4	414.2	1,146.2	665.5	480.7
France	823.9	89.1	734.7	921.8	105.7	816.1	1,049.6	87.5	961.9
Thailand	704.2	235.8	468.4	916.7	474.3	442.3	857.0	352.5	504.5
Australia	986.4	11.3	975.0	871.0	15.7	855.2	855.1	9.9	845.2
Germany	614.4	143.9	470.5	693.3	182.0	511.3	748.4	178.0	570.4
New Zealand	746.7	23.4	723.2	764.2	28.8	735.4	736.9	29.3	707.7
Argentina	411.8	45.1	366.7	451.9	40.0	411.9	707.2	39.4	667.9
Chile	515.1	4.4	510.7	538.0	7.6	530.3	696.9	15.7	681.3
Costa Rica	533.9	303.9	230.1	623.2	393.8	229.4	673.8	416.7	257.1
Guatemala	501.4	301.5	199.9	665.6	484.9	180.7	660.5	404.2	256.4
Philippines	449.7	24.7	425.0	542.5	18.4	524.1	556.7	18.1	538.5
India	429.6	137.7	291.9	447.2	179.5	267.7	546.8	192.9	354.0
China	455.6	119.6	335.9	496.3	135.6	360.6	546.1	144.0	402.1
Ecuador	466.8	417.5	49.3	552.9	478.7	74.2	536.1	430.2	105.8
Spain [3]	419.8	18.9	400.9	459.1	24.3	434.7	502.7	28.1	474.6
Malaysia	328.6	161.3	167.4	468.8	259.8	209.0	429.9	227.5	202.4
Denmark	542.3	85.5	456.7	446.7	71.2	375.6	422.1	42.7	379.4
United Kingdom	286.1	61.6	224.4	373.1	70.6	302.5	404.4	67.9	336.6
Dominican Republic	253.7	73.0	180.7	320.6	115.6	205.0	375.4	102.0	273.3
Ivory Coast	161.3	151.0	10.3	154.7	146.9	7.7	314.1	312.4	1.7
Turkey	292.9	24.1	268.7	222.4	25.1	197.3	299.9	25.6	274.2
Japan	275.7	40.0	235.8	311.4	50.6	260.8	291.7	54.3	237.4
Honduras	237.2	154.0	83.2	260.0	187.6	72.4	286.3	220.9	65.4
Ireland	211.3	13.6	197.8	264.4	39.7	224.7	283.1	46.4	236.7
Peru	97.7	41.0	56.6	162.0	97.7	64.3	181.6	100.1	81.4
Vietnam	27.5	21.3	6.2	112.1	110.5	1.6	160.1	145.5	14.7
Taiwan	114.3	6.2	108.1	137.0	5.8	131.2	157.7	8.8	148.9
Belgium/Luxembourg	131.5	43.5	88.0	145.1	45.1	100.0	147.3	41.6	105.7
Switzerland	116.8	43.7	73.1	141.4	51.5	89.9	144.5	54.4	90.2
Greece	160.9	2.4	158.4	146.2	1.8	144.4	139.5	2.2	137.3
Panama	59.8	47.9	12.0	92.2	58.8	33.4	118.4	83.0	35.4
El Salvador	88.6	54.3	34.3	86.2	48.0	38.2	102.1	57.8	44.2
Venezuela	83.4	56.4	27.0	44.2	25.6	18.6	99.6	67.8	31.8
Hong Kong	112.3	7.5	104.8	96.3	8.3	88.0	97.9	13.8	84.1
Israel, incl Gaza	76.2	12.4	63.8	79.8	11.9	67.8	93.1	18.3	74.8
Rep. S. Africa	56.8	3.5	53.3	79.6	5.6	74.1	89.8	8.4	81.4
Nicaragua	85.3	2.6	82.8	68.1	3.4	64.7	84.2	10.8	73.5
Korea, Rep. of	69.3	6.0	63.3	73.8	8.1	65.7	78.2	7.0	71.2
Poland	84.5	1.6	82.9	65.3	2.4	62.9	72.9	3.1	69.8
Sweden	102.2	27.1	75.1	89.2	44.7	44.6	72.2	41.1	31.1
Malawi	59.0	5.5	53.6	32.7	3.8	28.9	67.0	4.6	62.4
Finland	82.9	10.9	72.0	70.5	12.3	58.2	59.6	17.8	41.8
Portugal	44.7	0.3	44.5	46.7	0.6	46.1	54.7	0.5	54.2
Singapore	53.8	31.9	21.9	65.2	41.4	23.8	53.8	32.0	21.8
Other	1,002.1	346.8	655.3	1,081.0	390.4	690.9	1,154.4	326.6	827.8
Total [4]	26,590.3	6,211.5	20,378.8	29,852.4	8,463.4	21,389.0	32,564.9	8,175.3	24,389.6

[1] Fiscal years Oct. 1–Sept. 30. [2] Competitive 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. Noncompetitive agricultural products include all others, about 90 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, spices, and vegetable fibers. [3] Beginning January 1, 1984 includes Canary Islands. [4] Totals may not add due to rounding.

ERS, Market and Trade Economics Division, (202) 694–5272. Compiled from reports of the U.S. Department of Commerce.

Table 15-13.—European Community: Value of agricultural imports by origin, 1986–95 [1]

Year [2]	United States	EC countries	Other countries	Total
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
1986	7,072	62,689	35,791	105,552
1987	7,963	76,347	38,435	122,745
1988	8,232	84,372	42,658	135,262
1989	7,510	85,284	41,964	134,758
1990	8,183	101,050	44,941	154,174
1991	7,894	108,785	45,686	162,365
1992	8,810	119,124	47,092	175,026
1993	8,125	99,265	42,655	150,045
1994	8,405	109,913	51,108	169,426
1995	8,567	122,003	54,104	184,674

[1] EC-12. Based on bilateral import data from the United Nations. [2] Data on calendar year basis.

ERS, Market and Trade Economics Division, (202) 694–5273.

Table 15-14.—Fisheries: Landings and value of principal species: 1990–96 [1]

[Preliminary]

Species	Landings						
	1990	1991	1992	1993	1994	1995	1996
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Fish:							
Cod, Atlantic	96	93	62	51	39	30	31
Flounder	255	405	646	599	427	423	460
Haddock	5	4	5	2	1	1	1
Halibut	70	66	67	63	58	45	49
Herring, sea	221	230	282	216	214	265	318
Jack mackerel	9	4	3	4	6	4	5
Menhaden	1,962	1,977	1,644	1,983	2,324	1,847	1,755
Ocean perch, Atlantic	1	1	2	2	1	1	1
Pollock	3,129	2,873	2,952	3,258	3,133	2,853	2,630
Salmon, Pacific	733	783	716	888	901	1,137	877
Tuna	62	36	57	55	72	14	85
Whiting	44	37	36	36	36	34	35
Shellfish:							
Clams (meats)	139	134	142	148	131	134	123
Crabs	499	650	624	604	447	364	392
Lobsters, American	61	63	56	57	66	66	71
Oysters (meats)	29	32	36	34	38	40	38
Scallops (meats)	42	40	34	19	25	20	18
Shrimp	346	320	338	293	283	307	317
	Value						
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Fish:							
Cod, Atlantic	61	74	52	45	36	28	27
Flounder	113	145	144	136	127	150	154
Haddock	6	5	6	3	1	1	1
Halibut	97	100	54	62	85	67	83
Herring, sea	38	37	43	25	31	59	81
Jack mackerel	1	(2)	(2)	(2)	(2)	(2)	(2)
Menhaden	94	78	83	103	128	99	94
Ocean perch, Atlantic	1	1	1	1	1	5	(2)
Pollock	279	251	335	358	383	266	243
Salmon, Pacific	612	360	583	424	456	527	369
Tuna	105	75	91	91	108	103	110
Whiting	11	11	11	13	14	15	13
Shellfish:							
Clams (meats)	130	125	127	138	122	140	128
Crabs	484	415	471	510	533	512	427
Lobsters, American	155	165	161	152	196	215	242
Oysters (meats)	94	98	115	87	133	102	115
Scallops (meats)	158	162	164	109	124	95	102
Shrimp	491	513	480	413	564	570	509

[1] Data exclude landings by U.S. flag vessels at Puerto Rico and other ports outside the 50 States, and production of artificially cultivated fish and shellfish. [2] Less than $500.000.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division. (301) 713–2328.

Table 15-15.—Fresh and frozen fishery products: Production and value, 1990–96 [1]

[1996 is preliminary]

Product	Production						
	1990	1991	1992	1993	1994	1995	1996
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Fish fillets and steaks [2]	441	473	449	420	425	385	398
Cod	65	71	65	50	58	65	67
Flounder	54	48	46	35	35	35	29
Haddock	7	8	5	4	3	3	4
Ocean perch, Atlantic	1	1	1	1	(3)	(3)	(3)
Rockfish	33	22	19	18	23	25	20
Pollock, Atlantic	12	8	9	8	7	4	2
Pollock, Alaska	164	152	165	161	141	135	136
Other	105	163	139	143	158	118	140
	Value						
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol*	*Mil. dol.*
Fish fillets and steaks [2]	843	1,021	912	847	836	841	886
Cod	132	180	158	121	135	152	163
Flounder	154	147	120	100	89	86	79
Haddock	24	30	19	16	12	11	14
Ocean perch, Atlantic	1	1	3	2	1	1	1
Rockfish	53	36	30	30	33	38	42
Pollock, Atlantic	21	18	19	17	16	10	5
Pollock, Alaska	174	206	205	185	141	184	159
Other	284	403	358	376	406	359	423

[1] Excludes Alaska and Hawaii, except frozen products includes Alaska and Hawaii. [2] Fresh and frozen. [3] Less than 500,000 lb.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-16.—Canned fishery products: Production and value, 1988–96 [1]

[1995 is preliminary]

Product	Production								
	1988	1989	1990	1991	1992	1993	1994	1995	1996
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Total [2]	1,131	1,455	1,178	1,386	1,544	1,709	1,768	1,927	2,282
Tuna	598	686	581	593	609	619	610	667	676
Salmon	88	197	196	196	150	198	207	249	197
Clam products	127	135	110	129	129	117	122	129	129
Jack mackerel [3]	18	18	23	9	5	n.a.	n.a.	n.a.	n.a.
Sardines, Maine	19	13	13	14	17	14	16	14	18
Shrimp	4	3	1	1	1	1	(5)	(5)	(5)
Crabs	(5)	1	1	(5)	(5)	(5)	(5)	(5)	(5)
Oysters [4]	3	4	1	1	n.a.	(5)	(5)	(5)	(5)
	Value								
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Total [2]	1,481	1,992	1,562	1,644	1,577	1,688	1,796	1,887	1,934
Tuna	960	1,058	902	877	888	904	963	939	957
Salmon	219	514	366	413	294	307	329	419	284
Clam products	98	91	76	84	88	92	106	111	117
Jack mackerel [3]	9	7	11	3	2	NA	NA	NA	NA
Sardines, Maine	24	1	17	19	25	25	28	24	30
Shrimp	25	9	3	4	4	4	4	7	6
Crabs	2	3	4	(5)	1	1	(5)	(5)	(5)
Oysters [4]	2	1	1	2	NA	(5)	(5)	(5)	(5)

[1] Natural pack only. [2] Includes other products not shown separately. [3] Includes small amount of Pacific mackerel. [4] Includes oyster specialties. [5] Less than 500,000 pounds or $500,000. NA-not available.

U.S. Dept. of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-17.—Fisheries: Fishermen and craft, 1977, and catch, 1991–96, by area

[1991–96 are preliminary]

Area	1977 [1]			1991		1992	
	Fishermen	Fishing vessels	Fishing boats [2]	Total catch	Value	Total catch	Value
	1,000	*Number*	*1,000*	*Mil. lb.*	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*
United States	182.1	17,545	89.2	9,404	3,522	9,484	3,308
New England States	31.7	929	15.4	649	543	646	594
Middle Atlantic States	17.3	573	11.3	207	150	234	154
Chesapeake Bay States	27.9	2,086	19.0	867	160	770	142
South Atlantic States	11.6	1,463	6.7	262	169	293	469
Gulf States	29.3	5,328	11.0	1,625	640	1,679	641
Pacific Coast States	54.0	7,643	15.4	5,723	1,775	5,795	1,529
Great Lakes States	1.2	217	0.5	45	20	39	21
Hawaii	2.7	101	1.3	26	65	28	58

	1993		1994		1995		1996	
	Total catch	Value	Total catch	Value	Total catch	Value	Total catch	Value
	Mil. lb.	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*
United States	10,467	3,471	10,401	3,807	9,787	3,736	9,565	3,487
New England States	605	552	558	583	593	581	642	564
Middle Atlantic States	258	155	253	149	240	180	242	182
Chesapeake Bay States	813	162	648	162	846	174	729	159
South Atlantic States	250	161	287	215	277	238	269	210
Gulf States	1,715	631	2,153	806	1,465	725	1,497	680
Pacific Coast States	6,760	1,722	6,506	1,810	6,307	1,757	6,129	1,611
Great Lakes States	32	19	29	19	29	21	25	17
Hawaii	34	69	27	62	30	60	32	64

[1] Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total. Mississippi River and other areas. [2] Refers to craft having capacity of less than 5 net tons.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-18.—Fisheries: Quantity and value of domestic catch, 1987–96

[1987–96 are preliminary]

Year	Quantity [1]			Ex-vessel value	Average price per lb.
	Total	For human food	For industrial products [2]		
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. dol.*	*Cents*
1987	6,896	3,946	2,950	3,115	45.2
1988	7,192	4,588	2,604	3,520	48.9
1989	8,463	6,204	2,259	3,238	38.3
1990	9,404	7,041	2,363	3,522	37.4
1991	9,484	7,031	2,453	3,308	34.9
1992	9,637	7,618	2,019	3,678	38.2
1993	10,467	8,214	2,253	3,471	33.2
1994	10,461	7,936	2,525	3,807	36.8
1995	9,788	7,667	2,121	3,770	38.5
1996	9,565	7,475	2,090	3,487	36.5

[1] Live weight. [2] Meals, oil, fish solubles, homogenized condensed fish, shell products, bait, and animal food.

U.S. Department of Commerce, NOAA, NMFS Fisheries Statistics and Economics Division (301) 723–2328.

Table 15-19.—Fishery products: Supply, 1987–96 [1]

[1987–96 are preliminary]

Item	1987	1988	1989	1990	1991
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Total	15,744	14,628	15,485	16,349	16,364
For human food	10,561	10,505	12,268	12,662	13,020
Finfish	7,919	7,786	9,735	10,120	10,186
Shellfish [2]	2,642	2,719	2,533	2,542	2,834
For industrial use	5,183	4,123	3,217	3,687	3,344
Domestic catch	6,896	7,192	8,463	9,404	9,484
Percent of total	43.8	49.2	54.7	57.5	58.0
For human food	3,946	4,588	6,204	7,041	7,031
Finfish	2,769	3,306	4,897	5,747	5,564
Shellfish [2]	1,177	1,282	1,307	1,294	1,467
For industrial use	2,950	2,604	2,259	2,363	2,453
Imports [3]	8,848	7,436	7,022	6,945	6,879
Percent of total	56.2	50.8	45.3	42.5	42.0
For human food	6,615	5,917	6,064	5,621	5,989
Finfish	5,150	4,480	4,838	4,373	4,622
Shellfish [2]	1,465	1,437	1,226	1,248	1,367
For industrial use [4]	2,233	1,519	958	1,324	890

Item	1992	1993	1994	1995	1996
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Total	16,106	20,334	19,309	16,484	16,474
For human food	13,242	13,821	13,714	13,584	13,626
Finfish	10,297	10,796	10,719	10,692	10,699
Shellfish [2]	2,945	3,025	2,995	2,891	2,927
For industrial use	2,864	6,513	5,595	2,900	2,848
Domestic catch	9,637	10,467	10,461	9,788	9,565
Percent of total	59.8	51.5	54.2	59.4	58.1
For human food	7,618	8,214	7,936	7,667	7,476
Finfish	6,182	6,770	6,612	6,414	6,205
Shellfish [2]	1,436	1,444	1,324	1,252	1,271
For industrial use	2,019	2,253	2,525	2,121	2,089
Imports [3]	6,469	9,867	8,848	6,696	6,909
Percent of total	40.2	48.5	45.8	40.6	41.9
For human food	5,624	5,607	5,778	5,917	6,150
Finfish	4,115	4,026	4,107	4,278	4,494
Shellfish [2]	1,509	1,581	1,671	1,639	1,656
For industrial use [4]	845	4,260	3,070	779	759

[1] Live weight, except percent. [2] For univalve and bivalves mollusks (conchs, clams, oysters, scallops, etc.), the weight of meats, excluding the shell is reported. [3] Excluding imports of edible fishery products consumed in Puerto Rico; includes landings of tuna caught by foreign vessels in American Samoa. [4] Fish meal and sea herring.

U.S. Department of Commerce, NOAA, NMFS Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-20.—Fisheries: Disposition of domestic catch, 1987–96 [1]

[1986–95 are preliminary]

Disposition	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Fresh and frozen	3,157	3,813	5,585	6,501	6,541	7,288	7,744	7,475	7,099	7,054
Canned	1,009	1,017	798	751	674	543	649	622	769	678
Cured	89	86	128	126	119	110	115	95	90	93
Reduced to meal, oil, etc	2,641	2,276	1,952	2,026	2,150	1,696	1,959	2,269	1,830	1,740
Total	6,896	7,192	8,463	9,404	9,484	9,637	10,467	10,461	9,788	9565

[1] Live weight catch. In addition to whole fish, a large portion of waste (400–500 mil. lb.) derived from canning, filleting, and dressing fish and shellfish is utilized in production of fish meal and oil in each year shown.

U.S. Department of Commerce, NOAA, NMFS Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-21.—Processed fishery products: Production and value, 1989–96 [1]

Item	Production							
	1989	1990	1991	1992	1993	1994	1995	1996 [3]
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Fresh and frozen	NA	NA	NA	NA	NA	NA	NA	NA
Fillets	345	414	420	400	372	370	355	347
Steaks	26	26	53	49	48	55	30	51
Fish sticks	89	65	63	58	68	58	74	65
Fish portions	280	243	205	194	206	196	251	214
Breaded shrimp	121	111	116	122	111	113	100	108
Canned products [2]	1,455	1,178	1,386	1,544	1,709	1,768	1,927	2,282
Fish and shellfish	1,110	957	981	936	983	986	1,085	1,053
Animal feed	345	221	405	608	726	782	842	1,229
Industrial products	NA	NA	NA	NA	NA	NA	NA	NA
Meal and scrap	618	577	613	644	751	808	667	638
Oil (body and liver)	225	282	267	185	293	291	242	248
Solubles	233	186	170	93	127	147	90	82
Other	NA	NA	NA	NA	NA	NA	NA	NA

Item	Value							
	1988	1989	1990	1991	1992	1993	1994	1995 [3]
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Fresh and frozen	.....	.....	.....	.....	.....	.....	.....	.....
Fillets	656	764	907	825	755	747	767	788
Steaks	86	80	114	87	93	89	73	98
Fish sticks	116	75	78	56	68	51	73	56
Fish portions	400	353	313	296	313	268	357	307
Breaded shrimp	404	353	336	350	317	305	299	342
Canned products [2]	1,992	1,562	1,644	1,577	1,688	1,796	1,887	1,934
Fish and shellfish	1,754	1,415	1,439	1,330	1,375	1,471	1,544	1,429
Animal feed	238	147	205	247	313	325	343	505
Industrial products	206	207	208	203	226	248	247	278
Meal and scrap	115	121	128	122	130	134	122	142
Oil (body and liver)	24	29	30	27	41	37	42	44
Solubles	18	14	12	8	10	15	8	6
Other	50	43	38	43	44	62	75	86

[1] Includes cured fish. [2] Includes salmon eggs for baits. [3] Preliminary. NA-not available.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-22.—Selected fishery products: Imports and exports, 1989–96 [1]

Product	Quantity							
	1989	1990	1991	1992	1993	1994	1995	1996
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Imports								
Edible	3,243	2,885	3,015	2,894	2,917	3,035	3,066	3,170
Fresh or frozen	2,612	2,336	2,419	2,345	2,451	2,528	2,597	2,727
Salmon [2]	99	104	107	103	115	117	126	142
Tuna	650	454	496	437	436	458	496	529
Groundfish fillets, blocks [3]	848	442	420	361	349	347	372	385
Other fillets and steaks	253	257	310	276	254	292	316	326
Scallops (meats)	41	40	30	39	52	57	48	59
Lobster, American and spiny	72	74	66	60	59	63	66	63
Shrimp and prawn	492	492	530	586	593	622	591	579
Canned	533	458	513	469	382	419	378	354
Sardines, in oil	22	19	17	13	14	14	14	13
Sardines and herring, not in oil	40	41	35	25	26	30	28	30
Tuna	348	285	352	323	224	249	215	193
Oysters	20	14	12	13	13	12	11	10
Pickled or salted	50	45	45	42	46	42	39	37
Cod, haddock, hake, pollock, cusk	17	11	11	10	12	7	5	5
Nonedible scrap and metal	171	239	159	151	761	548	139	136
Exports								
Canned salmon	40	49	66	78	85	91	98	96
Fish oil, nonedible	195	222	254	177	184	243	260	187

Product	Value							
	1989	1990	1991	1992	1993	1994	1995	1996
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Imports								
Edible	5,498	5,233	5,672	5,706	5,849	6,645	6,792	6,730
Fresh or frozen	4,695	4,521	4,859	4,946	5,178	5,917	6,072	6,044
Salmon [2]	229	253	243	234	247	253	281	305
Tuna	402	339	341	353	381	426	458	510
Groundfish fillets, blocks [3]	702	693	770	581	508	487	511	498
Other fillets and steaks	490	458	533	476	507	551	632	645
Scallops (meats)	139	130	111	160	219	216	174	198
Lobster, American and spiny	453	440	420	432	377	448	492	446
Shrimp and prawn	1,685	1,639	1,836	2,000	2,153	2,654	2,565	2,448
Canned	642	543	642	580	494	542	503	474
Sardines, in oil	30	27	29	24	26	25	26	23
Sardines and herring, not in oil	33	30	28	23	24	24	23	26
Tuna	376	294	359	309	226	286	234	216
Oysters	37	27	32	37	36	31	31	29
Pickled or salted	54	49	56	60	54	47	47	47
Cod, haddock, hake, pollock, cusk	25	18	22	23	23	14	10	9
Nonedible scrap and metal	32	39	32	35	106	77	25	34
Exports								
Canned salmon	90	104	134	154	161	164	175	154
Fish oil, nonedible	20	24	35	29	28	30	44	36

[1] Includes Puerto Rico. [2] Excludes fillets. [3] Includes cod, cusk, haddock, hake, pollock, ocean perch, and whiting.

U.S. Dept. of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-23.—Fishery products: Imports and exports, 1987–96 [1]

Year	Imports [2]				Exports			
	Total value	Edible products		Non-edible, value	Total value	Edible products		Non-edible, value
		Quantity	Value			Quantity	Value	
	Mil. dol.	*Mil. lb.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. lb.*	*Mil. dol.*	*Mil. dol.*
1987	8,817	3,201	5,711	3,106	1,722	806	1,625	97
1988	8,872	2,971	5,459	3,413	2,275	1,086	2,213	62
1989	9,604	3,243	5,498	4,107	4,707	1,406	2,356	2,351
1990	9,048	2,885	5,233	3,815	5,639	1,947	2,881	2,758
1991	9,435	3,015	5,672	3,763	6,542	2,059	3,156	3,386
1992	9,871	2,894	5,706	4,165	7,120	2,088	3,466	3,654
1993	10,622	2,917	5,849	4,774	6,925	1,986	3,077	3,848
1994	11,987	3,035	6,645	5,342	7,381	1,979	3,126	4,255
1995	12,452	3,066	6,792	5,660	8,268	2,047	3,262	5,006
1996 [3]	13,060	3,170	6,730	6,331	8,653	2,112	3,032	5,621

[1] Includes Puerto Rico. [2] Includes landings of tuna by foreign vessels in American Samoa. [3] Preliminary.

U.S. Department of Commerce, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-24.—Fishing trips: Estimated number of fishing trips taken by marine recreational fishermen by subregion and year, Atlantic and Gulf Coasts, 1993–96, and Pacific Coasts, 1991–92, 1995, and 1996.

Subregion	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
North Atlantic	6,226	6,281	6,537	6,756
Mid-Atlantic	15,290	16,237	15,576	16,502
South Atlantic [2]	16,796	19,928	18,754	16,823
Gulf [2]	17,431	17,504	17,115	16,319
Total [3]	55,743	59,950	57,982	56,400

Subregion	1991	1992	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Southern California	([4])	5,752	4,319	3,519
Northern California	([4])	2,097	2,587	2,186
Oregon	([4])	586	700	497
Washington	([4])	([4])	([4])	1,648
Total [3]	([4])	8,435	7,606	7,850

[1] Atlantic and Gulf Coast data for 1991–1993 have been revised. Data does not include recreational catch in Texas. The 1993 Mid-Atlantic totals were corrected for errors made in 1995. [2] Does not include catch from headboats (party boats). [3] Totals may not add due to rounding. [4] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1993–1995. Pacific estimates do not include salmon data collected by State recreational surveys. 1993–1994 data were revised.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-25.—Fish caught: Estimated number of fish caught by marine recreational fishermen by subregion and year, Atlantic, Gulf Coasts, and Pacific Coasts, 1993–96

Subregion	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
North Atlantic	20,991	25,880	21,983	23,427
Mid-Atlantic	97,574	94,945	88,522	86,419
South Atlantic [2]	50,887	72,173	65,240	51,257
Gulf [2]	147,332	148,856	135,782	118,625
Total [3]	316,784	341,854	311,527	279,728

Subregion	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Southern California	32,916	19,660	18,886	16,604
Northern California	24,890	5,941	7,372	7,883
Oregon	4,037	1,554	1,430	1,381
Washington	([4])	([4])	([4])	8,179
Total [3]	61,843	27,155	27,688	34,047

[1] Atlantic and Gulf Coast data for 1991–1993 were revised in 1995. Data does not include recreational catch in Texas. [2] Does not include catch for headboats (party boats). [3] Totals may not add due to rounding. [4] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1993–1995. Pacific estimates do not include salmon data collected by State recreational surveys. 1993–1994 were revised.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-26.—Fish caught: Estimated number of fish caught by marine recreational fishermen by mode and year, Atlantic, Gulf Coasts, and Pacific Coasts, 1993–96

Mode	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
Shore	89,560	103,334	80,968	73,779
Party/charter [2]	30,262	24,660	32,643	28,046
Private/rental	196,962	213,860	197,916	177,903
Total [3]	316,784	341,854	311,527	279,728

Mode	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Shore	16,208	7,409	8,010	11,660
Party/charter	11,979	7,053	6,633	7,525
Private/rental	33,657	12,693	13,045	14,862
Total [3]	61,844	27,155	27,688	34,047

[1] Atlantic and Gulf Coast data for 1991–1993 were revised in 1995. Data does not include recreational catch in Texas. [2] Does not include catch for headboats (party boats) in the South Atlantic or Gulf of Mexico. [3] Totals may not add due to rounding. [4] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1993–1995. Pacific estimates do not include salmon data collected by State recreational surveys. 1993–1994 were revised.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-27.—Fish caught: Estimated number of fish caught by marine recreational fishermen by species group and year, Atlantic and Gulf coasts, 1993–96 [1]

Species group	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Sharks, other	1,385	2,001	2,016	1,766
Sharks, dogfish	1,031	993	833	810
Skates/rays	1,981	2,939	2,353	2,869
Eels	222	186	152	142
Herrings	34,060	38,007	30,027	29,017
Freshwater catfishes	1,091	1,377	666	1,024
Saltwater catfishes	12,690	14,441	13,859	8,025
Toadfishes	2,676	1,781	1,632	1,050
Atlantic cod	2,693	1,861	1,942	1,080
Pollock	397	862	832	433
Red hake	216	369	184	73
Codfishes/hakes, other	124	130	266	90
Searobins	7,726	4,707	4,793	5,378
Sculpins	698	136	71	78
White perch	5,281	4,648	3,489	4,746
Striped bass	4,799	8,521	10,758	14,101
Temperate basses, other	35	32	23	6
Black sea bass	12,758	11,892	17,723	12,750
Groupers	4,236	4,583	4,923	3,079
Sea basses, other	2,690	2,138	2,068	2,114
Bluefish	10,301	12,405	10,940	10,370
Crevalle jack	2,569	2,978	3,951	3,711
Blue runner	3,800	5,692	2,319	2,126
Greater amberjack	1,141	332	164	258
Florida pompano	641	425	644	296
Jacks, other	3,802	1,878	1,625	1,855
Dolphins	1,926	2,449	2,613	1,905
Gray snapper	5,154	4,845	4,552	4,413
Red snapper	2,546	2,011	1,608	1,733
Lane snapper	1,079	1,088	859	562
Vermilion snapper	1,228	826	1,200	467
Yellowtail snapper	2,061	1,247	1,334	1,041
Snappers, other	861	462	492	345
Pigfish	2,691	4,918	4,199	2,910
White grunt	5,356	5,784	5,678	3,704
Grunts, other	3,521	3,186	3,379	3,361
Scup	7,077	5,662	3,688	4,858
Pinfishes	13,043	16,063	16,855	14,828
Sheepshead	5,593	4,383	5,118	3,542
Red porgy	166	166	230	256
Porgies, other	445	434	484	411
Spotted seatrout	21,538	22,181	24,615	20,563
Weakfish	2,219	4,929	5,739	7,594
Sand seatrout	4,068	5,665	4,355	4,624
Silver perch	1,034	1,729	2,146	1,637
Spot	14,263	18,491	11,567	7,364
Kingfishes	3,304	4,805	4,333	4,408
Atlantic croaker	21,016	26,671	17,753	16,867
Black drum	1,534	1,125	1,595	1,196
Red drum	7,649	7,609	9,236	7,085
Drums, other	1,165	1,622	1,354	1,041
Mullets	4,186	4,386	4,657	3,612
Barracudas	788	906	908	832
Tautog	4,215	2,653	3,816	2,279
Cunner	1,876	1,255	1,375	619
Wrasses, other	240	227	185	116
Little tunny/Atl. bonito	925	982	782	703
Atlantic mackerel	2,307	4,860	4,008	3,650
King mackerel	1,023	1,148	1,252	1,235
Spanish mackerel	3,653	3,850	2,568	2,988
Tunas/mackerels, other	794	1,018	1,029	940
Summer flounder	22,919	17,741	16,238	19,801
Gulf flounder	189	776	163	168
Southern flounder	1,083	1,369	1,446	1,192
Winter flounder	3,582	2,300	2,324	2,913
Flounders, other	2,149	2,173	1,284	1,470
Triggerfishes/filefishes	999	918	897	734
Puffers	1,323	1,141	935	811
Other fishes	14,953	20,488	14,426	11,697
Total [2]	316,784	341,856	311,528	279,722

[1] Altantic and Gulf coast data for 1991–1993 were revised in 1995. Data does not include recreational catch in Texas.
[2] Totals may not add due to rounding.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division (301) 713–2328.

Table 15-28.—Fish caught: Estimated number of fish caught by marine recreational fishermen by species group and year, Pacific coast [1], 1993–96

Species group	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Spiny dogfish	132	35	28	750
Sharks, other	1,328	382	523	376
Skates/Rays	451	150	192	233
Sturgeons	89	35	73	71
Pacific herring	677	172	44	431
Other herrings	690	369	77	283
Northern anchovy	571	87	137	560
Other anchovies	29	28	1	2
Surf smelt	3,263	1,202	1,413	4,807
Smelts, other	67	16	9	151
Pacific cod	0	1	0	11
Pacific tomcod	3	0	3	15
Walleye pollock	0	1	0	0
Pacific hake	0	2	1	8
Other cods and hakes	0	0	0	1
Jacksmelt	2,437	327	775	676
Other Silversides	126	168	253	239
Striped bass	202	115	151	174
Kelpbass	5,219	1,848	1,599	1,556
Spotted sand bass	842	398	423	363
Barred sand bass	3,083	1,487	1,514	1,487
Sea basses, other	626	77	63	98
Yellowtail	240	24	30	64
Other jacks	737	20	51	3
White croaker	4,038	900	1,408	1,958
California corbina	35	26	57	30
Queenfish	342	178	116	175
Croakers, other	370	3,005	242	265
Opaleye	171	76	140	41
Halfmoon	205	73	98	47
Other seachubs	2	0	10	1
Shiner perch	486	107	83	618
Striped seaperch	265	73	98	286
Black perch	110	32	86	94
Walleye surfperch	437	139	171	191
Silver surfperch	220	46	57	60
White seaperch	84	11	44	61
Pile perch	65	31	29	157
Redtail surfperch	138	90	91	110
Barred surfperch	1,355	385	672	542
Surfperches, other	780	269	499	511
Pacific barracuda	2,500	1,765	1,379	514
California sheephead	135	86	60	77
Other wrasses	26	23	10	18
Pacific bonito	1,259	346	100	125
Chub mackerel	9,302	5,313	5,146	5,507
Tunas	129	7	32	2
Other Mackerels	88	23	37	16
Brown rockfish	308	67	80	121
Copper rockfish	312	158	77	229
Widow rockfish	81	12	9	12
Chilipepper rockfish	568	163	140	22
Yellowtail rockfish	92	56	28	83
Quillback rockfish	67	9	5	61
Black rockfish	1,898	693	631	731
Blue rockfish	3,725	539	440	520
Bocaccio	294	178	24	53
Canary rockfish	461	178	201	107
Greenspotted rockfish	172	151	179	78
Olive rockfish	445	134	66	38
Gopher rockfish	599	214	92	121
California scorpionfish	440	368	351	607
Rockfishes, other	3,670	1,930	1,611	2,202
Sablefishes	3	0	0	0
Kelp greenling	418	101	95	240
Lingcod	762	261	243	371
Greenlings, other	163	40	57	135
Cabezon	218	76	85	127
Sculpins, other	592	164	441	479
Sanddabs	1,175	265	179	501
California halibut	693	491	924	712
Rock sole	7	1	1	16
Starry flounder	21	3	6	5
Flatfishes, other	155	149	103	654
Other fishes	1,149	802	3,594	2,057
Total [2]	61,842	27,151	27,687	34,047

[1] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1993–1995. 1993–1994 data were revised. Pacific estimates do not include salmon data collected by State recreational surveys. [2] Totals may not add due to rounding.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division. (301) 713–2328.

Table 15-29.—Fish caught: Estimated number of fish caught by marine recreational fishermen by area of fishing and year, Atlantic and Gulf Coasts and Pacific Coast, 1993–96

Area	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
Ocean 3 miles or less	54,617	62,185	59,142	53,559
Ocean over 3 miles	24,268	24,069	31,137	26,378
Ocean 10 miles or less [2]	37,334	38,505	41,320	27,126
Ocean over 10 miles [2]	12,812	12,959	16,461	11,406
Inland	187,752	204,137	163,467	161,204
Total [3]	316,783	341,855	311,527	279,673

	1993	1994	1995	1996
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Ocean 3 miles or less	40,694	18,269	17,917	17,255
Ocean over 3 miles	10,723	5,394	4,803	3,818
Inland	10,428	3,492	4,968	12,955
Total [3]	61,845	27,155	27,688	34,028

[1] Atlantic and Gulf Coast data for 1991–1993 were revised in 1995. Data does not include recreational catch in Texas. [2] This category refers only to the Florida Gulf Coast where State jurisdiction extends to 3 marine leagues, approximately 10 nautical miles. [3] Totals may not add due to rounding. [4] MRFSS was not conducted on the Pacific Coast from 1990–1992, nor in Washington from 1994–1995. Pacific estimates do not include salmon data collected by State recreational surveys. 1993–1994 data were revised.

U.S. Department of Commerce, NOAA, NMFS, Fisheries Statistics and Economics Division. (301) 713–2328.

Table 15-30.—Farm-raised catfish: Processed, sales, inventory, and imports, 1972–96

Year	Round[1] weight processed	Prices paid to producer	Fresh sales	Frozen sales	Total sales	Inventory end of year	Imports[2]
	(000) pounds	*Cents per pounds*	*(000) pounds*	*(000) pounds*	*(000) pounds*	*(000) pounds*	*(000) pounds*
1972	18,333	33.2	NA	NA	11,075	947	4,806
1973	19,729	44.3	NA	NA	11,944	817	6,613
1974	16,945	45.9	6,285	4,622	10,907	649	8,443
1975	16,140	49.1	6,205	4,112	10,317	359	10,906
1976	18,977	52.7	7,457	4,281	11,738	500	10,212
1977	22,126	58.0	8,165	5,083	13,248	820	17,983
1978	30,177	54.5	11,287	7,227	18,514	816	18,372
1979	40,636	61.4	14,584	9,746	24,330	1,027	16,989
1980	46,464	67.6	15,159	12,602	27,761	1,260	14,922
1981	60,640	63.7	18,377	16,760	35,137	2,288	9,621
1982	99,405	54.9	30,337	27,622	57,959	2,660	5,894
1983	137,250	61.1	39,057	34,406	73,463	4,032	4,274
1984	154,255	69.2	41,138	40,825	81,963	4,670	6,164
1985	191,616	72.6	43,701	55,579	99,280	4,981	7,060
1986	213,756	66.8	56,160	57,734	113,894	4,147	8,166
1987	280,496	61.7	70,896	75,605	146,501	5,290	7,079
1988	295,109	76.4	66,245	83,315	149,560	8,848	5,845
1989	341,900	71.5	83,952	92,341	176,293	8,147	6,824
1990	360,435	75.8	81,269	101,877	183,146	9,384	4,025
1991	390,870	63.1	87,087	112,722	199,809	9,635	5,186
1992	457,367	59.8	99,925	131,411	231,336	11,629	2,927
1993	459,013	71.0	93,758	139,717	233,475	9,502	4,110
1994	439,269	78.4	87,211	129,266	216,477	11,623	3,486
1995	446,886	78.6	89,735	137,237	226,972	10,909	2,426
1996	472,123	77.3	96,722	140,458	237,180	11,894	2,482

[1] Price for fish delivered to Processing Plant door. [2] Data furnished by U.S. Bureau of Census. NA-not available.

NASS, Livestock and Economic Branch, (202) 720–6146.

Table 15-31.—Farm-raised catfish: Prices received by processors, 1989–96

Year	Whole fish fresh[1]	Fillets fresh[2]	Other fresh[3]	Whole fish frozen[1]	Fillets frozen[2]	Other frozen[3]
	Dollars per/lb	*Dollars per/lb*	*Dollars per/lb*	*Dollars per/lb*	*Dollars per/lb*	*Dollars per/lb*
1989	1.51	2.62	1.76	1.66	2.62	1.98
1990	1.62	2.75	1.96	1.72	2.70	2.06
1991	1.45	2.59	1.80	1.59	2.54	1.90
1992	1.32	2.47	1.80	1.55	2.43	1.90
1993	1.50	2.62	1.89	1.73	2.60	1.92
1994	1.70	2.88	1.92	1.98	2.86	1.97
1995	1.68	2.90	1.88	2.00	2.85	2.01
1996	1.68	2.87	1.79	1.99	2.78	1.88

[1] Dressed weight, (head, visera, and skin removed). [2] Includes regular, shank, and strip fillets; excludes any breaded product. [3] Includes nuggets, steaks, and all other products not already reported, includes weight of breading and added ingredients.

NASS, Livestock and Economic Branch, (202) 720–6146.

Table 15-32.—Refrigerated warehouses: Gross refrigerated space by type of plant, United States, biennially, October 1979–97 [1] [2]

Type	1979	1981	1983	1985	1987
	1,000 Cubic Feet				
General:					
Public	908,394	956,153	1,028,300	1,110,394	1,285,860
Private and Semiprivate	529,483	539,992	573,463	589,132	676,369
Total	1,437,877	1,496,145	1,601,763	1,699,526	1,962,229
Apple:					
Public	31,611	26,940	18,871	19,383	19,750
Private and Semiprivate	382,977	401,889	445,996	466,768	494,404
Total	414,588	428,829	464,867	486,151	514,154
Total, all	1,852,464	1,924,973	2,066,631	2,185,677	2,476,384

Type	1989	1991	1993	1995	1997
	1,000 Cubic Feet				
General:					
Public	1,391,901	1,572,879	1,678,461	1,741,585	2,043,908
Private and Semiprivate	603,402	624,005	658,893	674,649	683,372
Total	1,995,303	2,196,884	2,337,354	2,416,234	2,727,280
Apple:					
Public	21,945	27,227	21,645	23,419	23,907
Private and Semiprivate	554,150	584,296	613,093	647,993	675,838
Total	576,095	611,523	634,737	671,412	699,745
Total, all	2,571,397	2,808,407	2,972,092	3,087,646	3,427,025

[1] Warehouse space is defined as all space artificially cooled to temperatures of 50 degrees F. or less, in which food commodities are normally held for 30 days or longer. [2] Totals may not add due to rounding.

NASS, Livestock and Economics Branch, (202) 720–0585.

Table 15-33.—Apple and pear storages: Number of refrigerated warehouses, gross and usable refrigerated space, regular and CA capacity, by State and United States, October 1, 1997 [1] [2]

State	Number of warehouses	Refrigerated space		Apple & pear storage capacity		
		Gross	Usable	Regular	Controlled atmosphere	Total
		1,000 Cubic feet	*1,000 Cubic feet*	*1,000 Bushels*	*1,000 Bushels*	*1,000 Bushels*
CA	35	29,786	23,903	5,590	2,188	7,778
CO	8	2,584	2,115	*	*	849
CT	33	1,651	1,316	397	147	544
ID	11	6,240	5,323	1,687	924	2,611
IL	18	1,457	1,202	*	*	502
IN	33	2,362	1,855	512	235	747
KY	4	139	110	36	.....	36
ME	29	3,362	2,870	469	793	1,261
MD	8	1,529	1,214	*	*	562
MA	56	4,166	3,480	917	585	1,502
MI	189	35,191	31,164	5,153	7,929	13,081
MN	13	796	683	*	*	277
NH	24	2,053	1,792	378	461	838
NJ	25	2,481	2,053	592	183	775
NY	156	34,664	30,332	5,879	6,996	12,875
NC	20	4,895	4,216	1,370	503	1,873
OH	59	3,706	3,060	937	310	1,247
OR	51	48,010	38,299	8,838	2,446	11,284
PA	123	26,711	21,351	4,998	1,981	6,978
RI	7	183	166	33	27	60
SC	5	1,003	850	*	*	340
UT	22	2,638	2,328	594	379	973
VT	12	2,535	2,152	347	607	954
VA	47	16,645	14,178	3,772	1,727	5,499
WA	274	453,234	362,698	60,364	121,008	181,371
WV	18	7,857	6,477	2,123	569	2,692
WI	8	305	269	*	*	175
Oth Sts	16	3,562	2,889	2,424	1,095	819
US	1,304	699,745	568,345	107,410	151,093	258,503

Not published to avoid disclosure of individual operations. Included in ''Other States'' and U.S. totals.
[1] Totals may not add due to rounding. [2] Firms in this table store only apples or pears.

NASS, Livestock and Economics Branch, (202) 720–0585.

Table 15-34.—General storages: Gross and usable cooler and freezer space, by State and United States, October 1, 1997 [1] [2]

State	Cooler		Freezer		Total	
	Gross	Usable	Gross	Usable	Gross	Usable
	1,000 Cubic Feet					
AL	5,738	4,926	22,832	18,648	28,570	23,574
AK	242	234	1,708	1,609	1,950	1,843
AZ	1,372	1,137	3,211	2,604	4,583	3,741
AR	2,994	2,327	79,192	66,307	82,186	68,634
CA	137,192	108,679	232,868	185,016	370,060	293,695
CO	2,137	1,758	12,493	9,255	14,630	11,014
CT	*	*	*	*	2,301	2,032
DE	*	*	*	*	26,425	18,872
FL	61,457	49,762	163,464	134,331	224,921	184,093
GA	58,851	54,453	70,318	61,060	129,169	115,513
HI	1,103	474	3,346	1,767	4,449	2,241
ID	1,182	889	49,186	40,072	50,369	40,961
IL	23,572	17,056	88,286	65,654	111,858	82,710
IN	4,279	3,186	36,176	28,897	40,454	32,083
IA	8,421	6,090	49,209	41,177	57,631	47,268
KS	19,935	14,616	59,698	48,838	79,633	63,454
KY	2,679	1,842	6,705	4,731	9,384	6,573
LA	2,047	1,506	7,667	5,772	9,714	7,277
ME	*	*	*	*	16,757	12,042
MD	1,215	942	22,940	17,035	24,155	17,976
MA	3,643	3,017	39,318	30,748	42,961	33,765
MI	11,173	9,189	58,219	44,671	69,392	53,859
MN	16,907	12,081	45,430	35,030	62,337	47,111
MS	1,892	1,368	21,365	17,294	23,256	18,662
MO	29,874	24,713	60,293	48,376	90,167	73,089
MT	353	281	483	376	835	657
NE	9,590	7,847	25,341	20,137	34,931	27,984
NV	616	612	5,018	4,507	5,634	5,119
NH	*	*	*	*	*	*
NJ	19,046	16,002	47,836	37,901	66,882	53,903
NM	*	*	*	*	935	848
NY	25,776	19,647	58,714	41,342	84,491	60,989
NC	5,947	4,598	52,830	42,696	58,777	47,293
ND	*	*	*	*	*	*
OH	7,247	5,587	49,112	38,911	56,359	44,498
OK	1,645	1,260	7,769	5,175	9,414	6,435
OR	2,955	2,169	96,028	79,033	98,982	81,202
PA	12,071	7,820	90,166	71,431	102,237	79,251
RI	*	*	*	*	*	*
SC	1,133	917	17,801	14,956	18,934	15,873
SD	6,033	2,598	5,912	3,571	11,945	6,169
TN	2,213	1,664	41,440	32,703	43,652	34,368
TX	40,440	29,331	108,236	72,768	148,676	102,099
UT	3,128	2,370	24,611	20,198	27,739	22,568
VT	*	*	*	*	*	*
VA	18,928	15,640	31,639	24,647	50,567	40,287
WA	11,704	8,285	163,761	134,007	175,465	142,292
WV	*	*	*	*	2,061	788
WI	58,423	43,881	82,352	69,282	140,775	113,164
WY	*	*	*	*	*	*
Oth Sts	9,320	7,469	49,834	35,615	10,677	8,502
US	634,473	498,223	2,092,807	1,658,148	2,727,280	2,156,371

[1] Totals may not add due to rounding. [2] Excludes storages used exclusively for storing apples and pears. Includes frozen juice tank storage capacity. * Not published to avoid disclosure of individual operations. Included in "Other States" and U.S. totals.

NASS, Livestock and Economics Branch, (202) 720–0585.

Table 15-35.—Alaska crops: Acreage harvested, volume harvested, and value of production, 1988–97

Year	Oats for grain	Barley for grain	All hay	Grain silage	Grass silage	Potatoes	Other vegetables [1]
	Acreage harvested						
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
1988	600	4,700	15,900	1,900	1,500	800	283
1989	700	4,700	12,700	500	1,900	840	254
1990	600	5,400	15,100	200	1,200	590	264
1991	1,100	5,000	16,700	400	1,300	650	248
1992	200	2,500	15,800	300	900	560	271
1993	900	4,200	19,900	400	700	680	290
1994	1,200	6,400	18,300	400	900	780	271
1995	1,200	7,300	19,200	(3)	(3)	1,040	300
1996	700	6,900	20,200	(3)	(3)	630	332
1997 [2]	1,100	7,000	20,000	(3)	(3)	790	NA

Year	Oats for grain	Barley for grain	All hay	Grain silage	Grass silage	Potatoes	Other vegetables [1]
	Volume harvested						
	Bushels	*Tons*	*Tons*	*Tons*	*Tons*	*Cwt.*	*Cwt.*
1988	36,600	228,000	24,700	6,100	6,700	202,000	29,787
1989	55,700	249,000	16,500	3,400	5,300	196,000	30,960
1990	23,700	138,000	16,200	1,200	5,000	138,000	32,270
1991	59,400	250,000	19,500	3,000	3,700	140,000	29,615
1992	8,800	130,000	16,400	900	3,000	130,000	33,654
1993	46,000	164,000	18,000	1,200	2,600	157,000	40,084
1994	48,000	230,000	20,900	1,200	2,900	134,000	36,575
1995	70,200	372,000	22,800	(3)	(3)	220,000	41,150
1996	31,500	285,000	14,400	(3)	(3)	126,000	39,755
1997 [2]	54,500	164,500	21,900	(3)	(3)	168,000	NA

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables [1]
	Value of production					
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1988	90,000	775,000	3,458,000	576,000	3,373,000	817,000
1989	134,000	847,000	2,475,000	374,000	3,548,000	794,000
1990	56,000	455,000	2,754,000	260,000	2,746,000	880,000
1991	143,000	838,000	3,413,000	320,000	2,450,000	883,000
1992	21,000	436,000	2,870,000	225,000	2,470,000	940,000
1993	115,000	549,000	3,330,000	211,000	2,967,000	1,115,000
1994	120,000	771,000	3,762,000	228,000	2,600,000	1,083,000
1995	179,000	1,228,000	4,104,000	(3)	4,092,000	1,242,000
1996	79,000	898,000	2,736,000	(3)	2,495,000	1,329,000
1997 [2]	136,000	526,000	4,161,000	(3)	3,293,000	NA

[1] Excludes greenhouse-grown vegetables. [2] Preliminary. [3] Data no longer estimated. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 15-36.—Crop ranking: Major field crops, rank by production, major States, 1997

Rank	State	Corn, grain	State	Soybeans	State	All wheat
		1,000 Bushels		*1,000 Bushels*		*1,000 Bushels*
1	IA	1,656,000	IA	483,600	KS	506,000
2	IL	1,425,450	IL	427,850	ND	267,695
3	NE	1,151,700	MN	261,300	MT	185,630
4	MN	857,850	IN	237,600	OK	178,200
5	IN	719,550	OH	197,560	WA	168,080
6	OH	462,300	MO	177,025	TX	118,900
7	WI	402,600	NE	141,450	ID	114,060
8	KS	386,100	SD	120,750	SD	99,213
9	SD	333,200	AR	108,275	CO	94,700
10	MO	332,920	KS	88,800	MN	78,890
	US	9,365,574	US	2,727,254	US	2,526,552

Rank	State	Winter wheat	State	Durum wheat	State	Other spring wheat
		1,000 Bushels		*1,000 Bushels*		*1,000 Bushels*
1	KS	506,000	ND	56,540	ND	210,000
2	OK	178,200	CA	13,680	MT	121,800
3	WA	144,050	AZ	8,010	MN	76,800
4	TX	118,900	MT	7,280	SD	67,200
5	CO	91,200	SD	513	ID	44,460
6	NE	70,300	MN	170	WA	24,030
7	IL	70,150		.....	OR	7,150
8	ID	69,600		.....	CO	3,500
9	OH	68,670		.....	UT	1,334
10	MO	57,200		.....	WY	756
	US	1,882,609	US	86,193	US	557,750

Rank	State	Sorghum, grain	State	Barley	State	Oats
		1,000 bushels		*1,000 bushels*		*1,000 bushels*
1	KS	273,000	ND	101,250	WI	20,790
2	TX	185,850	MT	63,600	ND	18,000
3	NE	61,500	ID	60,040	MN	17,980
4	MO	40,920	WA	37,240	IA	17,885
5	OK	24,500	MN	27,540	SD	17,050
6	IL	14,105	CO	10,080	PA	9,440
7	SD	11,360	CA	9,900	OH	7,800
8	AR	11,100	WY	9,200	NY	7,700
9	NM	10,340	OR	8,280	TX	5,720
10	LA	7,546	UT	8,170	IL	5,550
	US	653,106	US	374,478	US	176,104

Rank	State	All cotton	State	Peanuts	State	Rice
		1,000 bales		*1,000 pounds*		*1,000 cwt.*
1	TX	5,355	GA	1,336,440	AR	77,370
2	CA	2,620	TX	811,200	CA	42,341
3	GA	1,900	AL	364,800	LA	25,364
4	MS	1,810	NC	324,000	TX	14,240
5	AR	1,730	FL	230,160	MS	13,804
6	LA	985	OK	202,800	MO	5,777
7	NC	930	VA	199,800		.....
8	AZ	865	NM	46,710		.....
9	TN	656	SC	30,450		.....
10	MO	580		.....		.....
	US	18,977	US	3,546,360	US	178,896

Rank	State	All hay, baled	State	Alfalfa hay, baled	State	Other hay, baled
		1,000 tons		*1,000 tons*		*1,000 tons*
1	TX	10,790	CA	7,056	TX	10,320
2	CA	8,616	SD	5,290	MO	5,850
3	SD	8,090	WI	4,940	KY	4,600
4	MO	7,194	MN	4,868	OK	3,570
5	KS	6,840	ID	4,488	TN	3,570
6	NE	6,505	NE	4,225	KS	3,240
7	MN	6,488	IA	4,200	SD	2,800
8	WI	5,900	MT	3,960	AR	2,300
9	KY	5,590	KS	3,600	NE	2,280
10	MT	5,480	CO	3,198	VA	1,887
	US	152,120	US	79,242	US	72,878

Rank	State	All tobacco	State	Dry edible beans	State	Potatoes, Irish
		1,000 pounds		*1,000 cwt.*		*1,000 cwt.*
1	NC	714,120	ND	6,890	ID	135,430
2	KY	427,715	MI	5,033	WA	88,060
3	SC	126,360	NE	3,708	CO	28,037
4	VA	111,112	CA	2,970	WI	27,923
5	TN	104,488	MN	2,403	OR	27,161
6	GA	89,320	CO	2,280	ND	21,525
7	FL	19,635	ID	2,215	MN	20,440
8	IN	18,690	WA	850	ME	19,170
9	OH	18,620	WY	790	CA	16,188
10	PA	15,360	NY	617	MI	14,250
	US	1,678,821	US	29,156	US	459,912

NASS, Crops Branch, (202) 720–2127.

Table 15-37.—U.S. crop progress: 1997 crop and 5-year average

[In percent]

Week-ending date	Winter wheat							
	Planted		Emerged		Headed		Harvested	
	1997	Avg	1997	Avg	1997	Avg	1997	Avg
1996: [1]								
Sep 1	2	3	...	...	...	...	...	...
Sep 8	7	8	...	...	...	...	...	...
Sep 15	15	18	...	...	...	...	...	...
Sep 22	25	31	...	...	...	...	...	...
Sep 29	33	46	18	21	...	...	...	...
Oct 6	54	61	28	34	...	...	...	...
Oct 13	73	74	44	46	...	...	...	...
Oct 20	85	83	63	60	...	...	...	...
Oct 27	90	88	74	70	...	...	...	...
Nov 3	93	91	85	77	...	...	...	...
Nov 10	...	...	89	83	...	...	...	...
Nov 17	...	...	93	87	...	...	...	...
1997:								
Apr 13	...	...	...	...	5	4	...	...
Apr 20	...	...	...	...	9	8	...	...
Apr 27	...	...	...	...	16	15	...	...
May 4	...	...	...	...	22	25	...	...
May 11	...	...	...	...	34	38	...	...
May 18	...	...	...	...	49	52	...	...
May 25	...	...	...	...	66	67	...	...
Jun 1	...	...	...	...	78	79	...	...
Jun 8	...	...	...	...	84	86	2	4
Jun 15	...	...	...	...	92	92	5	11
Jun 22	...	...	...	...	97	96	14	22
Jun 29	...	...	...	...	...	...	24	35
Jul 6	...	...	...	...	...	...	46	48
Jul 13	...	...	...	...	...	...	63	60
Jul 20	...	...	...	...	...	...	72	70
Jul 27	...	...	...	...	...	...	79	77
Aug 3	...	...	...	...	...	...	86	84
Aug 10	...	...	...	...	...	...	90	89
Aug 17	...	...	...	...	...	...	94	93

Week-ending date	Spring wheat							
	Planted		Emerged		Headed		Harvested	
	1997	Avg	1997	Avg	1997	Avg	1997	Avg
1997:								
Apr 6	1	3	...	...	...	...	...	...
Apr 13	2	7	...	...	...	...	...	...
Apr 20	3	13	...	...	...	...	...	...
Apr 27	5	23	...	...	...	...	...	...
May 4	13	40	...	...	...	...	...	...
May 11	34	56	6	26	...	...	...	...
May 18	59	70	24	44	...	...	...	...
May 25	83	83	47	63	...	...	...	...
Jun 1	95	92	70	77	...	...	...	...
Jun 8	...	...	89	88	...	...	...	...
Jun 15	...	...	97	96	...	...	...	...
Jun 22	...	...	...	...	6	15	...	...
Jun 29	...	...	...	...	25	31	...	...
Jul 6	...	...	...	...	50	52	...	...
Jul 13	...	...	...	...	73	71	...	...
Jul 20	...	...	...	...	88	85	...	...
Jul 27	...	...	...	...	97	94	...	...
Aug 3	...	...	...	...	...	...	1	4
Aug 10	...	...	...	...	...	...	10	10
Aug 17	...	...	...	...	...	...	22	23
Aug 24	...	...	...	...	...	...	41	39
Aug 31	...	...	...	...	...	...	69	52
Sep 7	...	...	...	...	...	...	84	66
Sep 14	...	...	...	...	...	...	93	78
Sep 21	...	...	...	...	...	...	97	86

See footnote at end of table.

Table 15-37.—U.S. crop progress: 1997 crop and 5-year average—Continued

[In percent]

Week-ending date	Rice								Sorghum									
	Planted		Emerged		Headed		Harvested		Planted		Headed		Coloring		Mature		Harvested	
	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg
1997:																		
Apr 6	12	11	...	...	...	...	...	...	11	15	...	...	...	...	...	...	...	...
Apr 13	16	20	...	...	...	...	...	...	13	17	...	...	...	...	...	...	...	...
Apr 20	25	34	...	...	...	...	...	...	16	19	...	...	...	...	...	...	...	...
Apr 27	45	45	14	24	...	...	...	...	19	22	...	...	...	...	...	...	...	...
May 4	60	57	27	37	...	...	...	...	22	25	...	...	...	...	...	...	...	...
May 11	74	68	41	49	...	...	...	...	28	30	...	...	...	...	...	...	...	...
May 18	91	78	63	60	...	...	...	...	36	36	...	...	...	...	...	...	...	...
May 25	96	88	79	72	...	...	...	...	52	46	...	...	...	...	...	...	...	...
Jun 1	...	...	92	83	...	...	...	...	59	55	...	...	...	...	...	...	...	...
Jun 8	...	...	97	90	...	...	...	...	72	65	...	...	...	...	...	...	...	...
Jun 15	...	...	...	...	...	...	...	...	85	76	...	...	...	...	...	...	...	...
Jun 22	...	...	...	...	1	7	...	...	92	87	...	...	...	...	...	...	...	...
Jun 29	...	...	...	...	3	8	...	...	97	94	...	...	...	...	...	...	...	...
Jul 6	...	...	...	...	7	12	...	...	...	...	...	...	...	...	...	...	...	...
Jul 13	...	...	...	...	13	19	...	...	...	...	26	26	...	...	...	...	...	...
Jul 20	...	...	...	...	21	28	...	...	...	...	29	31	...	...	...	...	...	...
Jul 27	...	...	...	...	30	39	...	...	...	...	37	38	18	37	...	...	...	...
Aug 3	...	...	...	...	46	52	...	...	...	...	55	49	21	24	...	...	...	...
Aug 10	...	...	...	...	65	67	4	9	...	...	70	61	26	28	...	...	...	...
Aug 17	...	...	...	...	82	82	9	12	...	...	84	74	30	33	...	...	...	...
Aug 24	...	...	...	...	92	92	13	18	...	...	92	85	42	40	...	...	...	...
Aug 31	...	...	...	...	...	...	19	23	...	...	...	...	58	51	23	27	...	...
Sep 7	...	...	...	...	...	...	26	29	...	...	...	...	70	64	26	32	19	22
Sep 14	...	...	...	...	...	...	39	41	...	...	...	...	80	75	34	38	22	25
Sep 21	...	...	...	...	...	...	53	54	...	...	...	...	91	84	47	46	25	28
Sep 28	...	...	...	...	...	...	69	66	...	...	...	...	96	91	63	57	28	31
Oct 5	...	...	...	...	...	...	82	77	...	...	...	...	...	...	78	69	36	37
Oct 12	...	...	...	...	...	...	91	86	...	...	...	...	...	...	89	80	46	44
Oct 19	...	...	...	...	...	...	95	92	...	...	...	...	...	...	94	89	58	55
Oct 26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97	95	72	65
Nov 2	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	76	76
Nov 9	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	82	84
Nov 16	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	89	90
Nov 23	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	92	94
Nov 30	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97	95

Week-ending date	Corn											
	Planted		Silked		Dough		Dent		Mature		Harvested	
	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg
1997:												
Apr 6	3	2	...	...	...	...	...	...	...	...	...	...
Apr 13	4	4	...	...	...	...	...	...	...	...	...	...
Apr 20	7	7	...	...	...	...	...	...	...	...	...	...
Apr 27	18	15	...	...	...	...	...	...	...	...	...	...
May 4	50	30	...	...	...	...	...	...	...	...	...	...
May 11	71	50	...	...	...	...	...	...	...	...	...	...
May 18	88	67	...	...	...	...	...	...	...	...	...	...
May 25	95	81	...	...	...	...	...	...	...	...	...	...
Jun 1	98	89	...	...	...	...	...	...	...	...	...	...
Jun 22	...	...	2	3	...	...	...	...	...	...	...	...
Jun 29	...	...	3	4	...	...	...	...	...	...	...	...
Jul 6	...	...	5	7	...	...	...	...	...	...	...	...
Jul 13	...	...	7	15	...	...	...	...	...	...	...	...
Jul 20	...	...	21	32	...	...	...	...	...	...	...	...
Jul 27	...	...	60	55	...	...	...	...	...	...	...	...
Aug 3	...	...	85	75	...	...	...	...	...	...	...	...
Aug 10	...	...	96	88	28	29	...	...	...	...	...	...
Aug 17	...	...	...	...	47	44	...	...	...	...	...	...
Aug 24	...	...	...	...	68	61	21	25	...	...	...	...
Aug 31	...	...	...	...	84	76	42	40	7	8	...	...
Sep 7	...	...	...	...	91	88	60	58	10	15	2	3
Sep 14	...	...	...	...	96	94	78	74	20	27	4	5
Sep 21	...	...	...	...	...	...	90	87	38	44	6	7
Sep 28	...	...	...	...	...	...	96	94	59	63	9	11
Oct 5	...	...	...	...	...	...	...	...	82	79	15	16
Oct 12	...	...	...	...	...	...	...	...	91	89	27	24
Oct 19	...	...	...	...	...	...	...	...	96	94	48	35
Oct 26	...	...	...	...	...	...	...	...	...	...	66	49
Nov 2	...	...	...	...	...	...	...	...	...	...	75	64
Nov 9	...	...	...	...	...	...	...	...	...	...	84	77
Nov 16	...	...	...	...	...	...	...	...	...	...	91	85
Nov 23	...	...	...	...	...	...	...	...	...	...	95	90
Nov 30	...	...	...	...	...	...	...	...	...	...	97	93

See footnote at end of table.

Table 15-37.—U.S. crop progress: 1997 crop and 5-year average—Continued

[In percent]

Week-ending date	Soybeans									
	Planted		Blooming		Pods set		Leaf drop		Harvested	
	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg
1997:										
May 4	9	4	...	...	...	...	...	...	...	...
May 11	20	12	...	...	...	...	...	...	...	...
May 18	46	26	...	...	...	...	...	...	...	...
May 25	70	45	...	...	...	...	...	...	...	...
Jun 1	77	59	...	...	...	...	...	...	...	...
Jun 8	84	70	...	...	...	...	...	...	...	...
Jun 15	89	80	...	...	...	...	...	...	...	...
Jun 22	92	89	...	...	...	...	...	...	...	...
Jun 29	95	94	3	4	...	...	...	...	...	...
Jul 6	...	...	9	11	...	...	...	...	...	...
Jul 13	...	...	23	23	...	...	...	...	...	...
Jul 20	...	...	45	41	...	...	...	...	...	...
Jul 27	...	...	68	58	18	18	...	...	...	...
Aug 3	...	...	81	73	38	33	...	...	...	...
Aug 10	...	...	89	84	62	52	...	...	...	...
Aug 17	...	...	95	91	79	68	...	...	...	...
Aug 24	...	...	...	...	90	82	1	1	...	...
Aug 31	...	...	...	...	96	92	2	3	...	...
Sep 7	...	...	...	...	...	...	7	9	...	...
Sep 14	...	...	...	...	...	...	20	22	1	1
Sep 21	...	...	...	...	...	...	51	42	3	4
Sep 28	...	...	...	...	...	...	72	64	9	10
Oct 5	...	...	...	...	...	...	86	80	37	23
Oct 12	...	...	...	...	...	...	93	89	64	45
Oct 19	...	...	...	...	...	...	96	95	76	65
Oct 26	...	...	...	...	...	...	...	...	85	77
Nov 2	...	...	...	...	...	...	...	...	89	85
Nov 9	...	...	...	...	...	...	...	...	91	90
Nov 16	...	...	...	...	...	...	...	...	93	93
Nov 23	...	...	...	...	...	...	...	...	96	96
Nov 30	...	...	...	...	...	...	...	...	98	97

Week-ending date	Cotton									
	Planted		Squaring		Bolls set		Bolls open		Harvested	
	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg
1997:										
Apr 6	6	6	...	...	...	...	...	...	...	...
Apr 13	9	9	...	...	...	...	...	...	...	...
Apr 20	14	15	...	...	...	...	...	...	...	...
Apr 27	21	24	...	...	...	...	...	...	...	...
May 4	25	37	...	...	...	...	...	...	...	...
May 11	44	51	...	...	...	...	...	...	...	...
May 18	65	65	...	...	...	...	...	...	...	...
May 25	77	77	3	...	...	...	...	...	...	...
Jun 1	87	84	6	...	...	...	...	...	...	...
Jun 8	92	90	11	15	...	...	...	...	...	...
Jun 15	97	95	17	27	...	...	...	...	...	...
Jun 22	...	...	31	41	...	...	...	...	...	...
Jun 29	...	...	49	56	8	12	...	...	...	...
Jul 6	...	...	67	70	14	20	...	...	...	...
Jul 13	...	...	83	81	23	33	...	...	...	...
Jul 20	...	...	91	88	37	50	...	...	...	...
Jul 27	...	...	...	...	65	66	...	...	...	...
Aug 3	...	...	...	...	80	78	4	5	...	...
Aug 10	...	...	...	...	88	87	7	8	...	...
Aug 17	...	...	...	...	95	92	10	13	...	...
Aug 24	...	...	...	...	...	...	16	20	...	...
Aug 31	...	...	...	...	...	...	23	30	...	...
Sep 7	...	...	...	...	...	...	34	42	...	...
Sep 14	...	...	...	...	...	...	49	54	5	8
Sep 21	...	...	...	...	...	...	62	64	8	11
Sep 28	...	...	...	...	...	...	74	72	12	16
Oct 5	...	...	...	...	...	...	83	79	18	24
Oct 12	...	...	...	...	...	...	88	84	27	34
Oct 19	...	...	...	...	...	...	93	89	40	44
Oct 26	...	...	...	...	...	...	96	93	51	53
Nov 2	...	...	...	...	...	...	...	...	59	63
Nov 9	...	...	...	...	...	...	...	...	71	71
Nov 16	...	...	...	...	...	...	...	...	78	77
Nov 23	...	...	...	...	...	...	...	...	85	83
Nov 30	...	...	...	...	...	...	...	...	89	88

See footnote at end of table.

Table 15-37.—U.S. crop progress: 1997 crop and 5-year average—Continued

[In percent]

Week-ending date	Oats								Barley							
	Planted		Emerged		Headed		Harvested		Planted		Emerged		Headed		Harvested	
	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg	1997	Avg
1997:																
Apr 13	14	17	...	...	...	...	...	...	5	12	...	...	...	...	...	...
Apr 20	21	24	...	...	...	...	...	...	8	18	...	...	...	...	...	...
Apr 27	40	36	...	...	...	...	...	...	11	28	...	...	...	...	...	...
May 4	57	53	...	...	...	...	...	...	20	43	...	...	...	...	...	...
May 11	65	66	34	38	...	...	...	...	37	58	12	29	...	...	...	...
May 18	80	79	49	58	...	...	...	...	59	72	24	46	...	...	...	...
May 25	93	89	71	73	...	...	...	...	83	84	47	63	...	...	...	...
Jun 1	98	96	85	84	...	...	...	...	96	93	72	77	...	...	...	...
Jun 8	...	...	93	93	...	...	...	...	...	...	91	88	...	...	...	...
Jun 15	...	...	...	...	7	14	...	...	...	...	97	96	...	...	...	...
Jun 22	...	...	...	...	22	28	...	...	...	...	...	...	13	19	...	...
Jun 29	...	...	...	...	51	50	...	...	...	...	...	...	26	35	...	...
Jul 6	...	...	...	...	74	68	...	...	...	...	...	...	49	55	...	...
Jul 13	...	...	...	...	86	81	...	...	...	...	...	...	72	73	...	...
Jul 20	...	...	...	...	93	89	...	...	...	...	...	...	89	88	...	...
Jul 27	...	...	...	...	...	...	14	14	...	...	...	...	97	95	...	...
Aug 3	...	...	...	...	...	...	28	28	...	...	...	...	...	...	2	7
Aug 10	...	...	...	...	...	...	48	45	...	...	...	...	...	...	11	15
Aug 17	...	...	...	...	...	...	63	61	...	...	...	...	...	...	27	31
Aug 24	...	...	...	...	...	...	78	76	...	...	...	...	...	...	50	50
Aug 31	...	...	...	...	...	...	91	86	...	...	...	...	...	...	75	65
Sep 7	...	...	...	...	...	...	96	92	...	...	...	...	...	...	88	78
Sep 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	94	87
Sep 21	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97	91

Week-ending date	Peanuts					
	Planted		Pegging		Harvested	
	1997	Avg	1997	Avg	1997	Avg
1997:						
Apr 13	2	1	...	...	...	...
Apr 20	3	6	...	...	...	...
Apr 27	9	16	...	...	...	...
May 4	17	29	...	...	...	...
May 11	37	45	...	...	...	...
May 18	61	62	...	...	...	...
May 25	74	73	...	...	...	...
Jun 1	80	81	...	...	...	...
Jun 8	85	85	...	...	...	...
Jun 15	92	89	6	...	...	...
Jun 22	96	92	11	(2)	...	...
Jun 29	...	...	24	(2)	...	...
Jul 6	...	...	36	(2)	...	...
Jul 13	...	...	55	(2)	...	...
Jul 20	...	...	71	(2)	...	...
Jul 27	...	...	84	(2)	...	...
Aug 3	...	...	91	(2)	...	...
Aug 10	...	...	94	(2)	...	...
Aug 24	...	...	...	...	1	(2)
Aug 31	...	...	...	...	4	(2)
Sep 7	...	...	...	...	11	(2)
Sep 14	...	...	...	...	21	(2)
Sep 21	...	...	...	...	37	(2)
Oct 5	...	...	...	...	49	(2)
Oct 12	...	...	...	...	63	(2)
Oct 19	...	...	...	...	73	(2)
Oct 26	...	...	...	...	81	(2)
Nov 2	...	...	...	...	87	(2)
Nov 9	...	...	...	...	93	(2)
Nov 16	...	...	...	...	96	(2)

[1] Planted the preceding fall. [2] Not available.

NASS, Crops Branch, (202) 720–2127.

Appendix I

Telephone Contact List

Appreciation is expressed to the following agencies for their help in this publication. The information offices are listed to provide help to those users who require additional information about specific tables in this publication.

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Washington, DC 20250
202–720–8998

Agricultural Research Service:
USDA/ARS
6303 Ivy Lane, room 450
Greenbelt, MD 20770
301–344–2340

Animal and Plant Health Inspection Service:
USDA/APHIS
USDA Center at Riverside
S-3B08 - Unit 36
Riverdale, MD 20737
301–734–8093

Center for Nutrition Policy and Promotion:
USDA/CNPP
1120 20th St., NW
Suite 200 North
Washington, DC 20036
202–418–0243

Economic Research Service:
USDA/ERS
1800 M St, NW
Washington, DC
202–694–5050

Farm Credit Administration:
FCA
1501 Farm Credit Dr.
McLean, VA 22102
703–883–4000

Farm Service Agency:
USDA/FSA
Room 3624 South Bldg.
Washington, DC 20250
202–720–5237

Food and Consumer Service:
USDA/FCS
Office of Public Information
3101 Park Center Drive, Room 819
Alexandria, VA 22302
703–305–2286

Foreign Agricultural Service:
USDA/FAS
Room 5074 South Bldg.
Washington, DC 20250
202–720–7115

Forest Service:
USDA/FS
2nd Floor Central Wing, Auditors Bldg.
Washington, DC 20250
202–205–0957

National Agricultural Statistics Service:
USDA/NASS
Room 5829 South Bldg.
Washington, DC 20250
202–720–3878

National Marine Fisheries Service:
USDC/NOAA/NMFS
1315 East/West Highway,
SSMC III - Room 12340
Silver Spring, MD 20910–3282
301–713–2328

Natural Resources Conservation Service:
USDA/NRCS
Room 6105 South Bldg.
Washington, DC 20250
202–720–3210

Rural Business-Cooperatives Service:
USDA/RECD/RBS
Room 5037 South Bldg.
Washington, DC 20250
202–690–0357

Rural Utilities Service:
USDA/RD/RUS
Room 4043 South Bldg.
Washington, DC 20250
202–720–1255

INDEX

Page

Agricultural commodity support prices IX–35–36
Agricultural conservation program
  See Conservation, Soil conservation, and water conservation.
Agricultural loans, *See* Loans.
Agricultural production, index numbers IX–23
Agricultural products:
  Exports:
    Index numbers XV–2
    Specified Government programs I–10,11, 20, 44
    Value XV–2–13
  Foreign trade XV–2–13
  Imports:
    Index numbers XV–2
    Value XV–3, 6–13
  See also Commodities, agricultural.
Agricultural Stabilization and Conservation
  Programs XII–10–14
  Number of producers XII–11
  Payment to producers XII–10
Alaska crop statistics XV–27
  See also under specific commodities.
Alcohol production from grains I–25, 41
Alfalfa seed:
  Area VI–2
  Production and yield VI–2
  Prices VI–6
Almonds:
  Area V–21, IX–21
  Imports and exports V–39
  Production V–39, IX–22
  Value IX–22
  Yield IX–21
  Shelled production in foreign countries V–39
Animal proteins, disappearance I–44
Animal units fed on farms I–47
Apples:
  Area IX–19
  Arrivals V–33–34
  Canned:
    Quantity V–5
  Cold-storage stocks V–61
  Consumption V–38
  Dried:
    Exports V–5
    Production V–34
    Quantity V–4
  Exports V–6
  Exports, destination V–5
  Foreign trade V–6
  Frozen pack V–35
  Frozen, quantity V–5
  Imports V–6
  Imports, origin V–6
  Prices:
    Farm V–3
  Production V–2–5, IX–20
  Shipments V–35
  Utilization V–5
  Value V–3, IX–20
Apricots:
  Area IX–19
  Canned:
    Exports V–7
    Quantity V–7
  Dried:
    Exports V–7
    Production V–35
    Quantity sold V–7
  Fresh exports V–7
  Frozen V–7, 34
  Prices, farm V–6
  Production V–2, 6, IX–20
  Shipments V–35
  Utilization V–7
  Value V–6, IX-20
  Yield IX–19
Area:
  Land in farms:
    Irrigated IX–8
    Total IX–2
  Land utilization IX–7
  Principal crops, planted and harvested IX–19–22
  See also under specific crops.
Artichokes:
  Area IV–18, IX–19
  Arrivals IV–30–31
  Price IV–18
  Production IV–18,IX–20
  Shipments IV–32
  Value IV–18, IX–20
  Yield IV–18, IX–19

Page

Asparagus:
  Area IV–6, IX–19
  Arrivals IV–30–31
  Canned pack IV–34
  Consumption IV–33
  Frozen pack IV–35–36
  Production IX–20
  Shipments IV–32
  Value IX–20
  Yield IX–19
Avocados:
  Area IX–19
  Arrivals V–33–34
  Imports V–8
  Prices, farm V–8
  Production V–2, 8, IX–20
  Shipments V–35
  Value V–8, IX–20
  Yield IX–19
Baby food exports, destination VIII–30
Balance sheet, farming sector IX–11
Bananas:
  Area IX–19
  Arrivals V–33–34
  Prices V–8
  Production V–2, 8, IX–20
  Value V–8, IX–20
  Yield V–8, IX–19
Barley:
  Area I–36–39, IX-19
  Crop progress XV–32
  Disappearance I–36
  Exports I–36
  Imports I–36
  Prices:
    Farm I–36–37
    Market I–47
    Support operations I–40
  Production I–36–39, IX–20
  Stocks on and off farms I–36
  Supply I–36
  Utilization in alcoholic products I–36
  Value I–36–37, IX–20
  Yield I–36–39, IX–19
Barrows and gilts VII–24–25
Beans:
  Dry edible:
    Area VI–7, IX–19
    Exports VI–10
    Prices:
      Farm VI–7
      Market VI–8
    Production VI–7, IX–20
    Value VI–7, IX–20
    Yield VI–7, IX–19
  Lima, fresh:
    Area IV–7, IX–19
    Arrivals IV–30–31
    Canned pack IV–34
    Frozen pack IV–35,36
    Price IV–7
    Production IV–7, IX–20
    Value IV–7, IX–20
    Yield IV–7, IX–19
  Lima, processing:
    Area IV–7, IX–19
    Arrivals IV–30–31
    Canned pack IV–34
    Frozen pack IV–35,36
    Price IV–7
    Production IV–7, IX–20
    Value IV–7, IX–20
    Yield IV–7, IX–19
  Snap, fresh:
    Area IV–7, IX–19
    Arrivals IV–30–31
    Canned pack IV–34
    Consumption, canned IV–34
    Frozen pack IV–35–36
    Prices, farm IV–7
    Production IV–7, IX–20
    Shipments IV–32
    Value IV–7, IX–20
    Yield IX–19
  Snap, processing:
    Area IV–7, IX–19
    Arrivals IV–30–31
    Canned pack IV–34
    Consumption, canned IV–34
    Frozen pack IV–35–36
    Production IV–7, IX–20
    Shipments IV–32
    Value IV–7, IX–20
    Yield IV–7, IX–19

INDEX

Page

Beef:
Cold storage holdings VII–58
Consumption VII–50
Production VII–46, 50
See also Beef and Veal, Meats *and* Veal.
Beef and veal:
Exports VII–47, 50
Imports VII–47–48, 50
Production, specified countries VII–46
See also Beef, Meats, *and* Veal.
Beeswax:
Imports II–24
Beets, for canning:
Area IV–8, IX–19
Arrivals IV–30–31
Canned pack IV–34
Production IV–8, IX–20
Shipments IV–32
Value IV–8, IX–20
Yield IV–8, IX–19
Berries:
Area IX–19
Frozen pack V–35
Production IX–19
Value IX–19
Yield IX–19
Breakfast Program XIII–7–9
Broccoli:
Area IV–9, IX–21
Arrivals IV–30–31
Consumption IV–33
Frozen pack IV–35–36
Prices, farm IV–9
Production IV–9, IX–22
Shipments IV–32
Value IV–7, IX–22
Yield IX–21
Broilers, production, price, and income VIII–36–37
Brussels sprouts:
Area IV–18, IX–19
Frozen pack IV–35–36
Price IV–18
Production IV–18, IX–20
Value IV–18, IX–20
Yield IV–18, IX–19
Buffalo VII–5
Buildings, farm, value of IX–9
Bulls:
Number, Jan. 1 ..... VII–1, 4
Slaughter under Federal inspection VII–12
Butter:
Consumption III–29, VIII–26
Creamery:
Cold-storage holdings VIII–47
Production in specified countries VIII–27
Disappearance VIII–26
Exports VIII–29–30
Prices, market III–29, VIII–25
Production, world VIII–27
Stocks on hand, Dec. 31 ..... VIII–26
Cabbage:
Arrivals IV–30–31
Shipments IV–32
Consumption IV–33
Cabbage, fresh market:
Area IV–10, IX–19
Arrivals IV–30–31
Canned pack IV–34
Frozen pack IV–35,36
Price IV–10
Production IV–10, IX–20
Value IV–10, IX–20
Yield IV–10, IX–19
Cabbage, for kraut:
Area IV–10, IX–19
Arrivals IV–30–31
Canned pack IV–34
Frozen pack IV–35,36
Price IV–10
Production IV–10, IX–20
Value IV–10, IX–20
Yield IV–10, IX–19
Cacao beans:
Exports from principal countries V–43
Imports origin V–43

Page

Cacao butter. *See* Cocoa butter.
Calves:
Carcasses condemned VII–55
Disposition VII–8, 11
Heifers, number, Jan. 1 ..... VII–1, 3
Income from, cash and gross VII–8, 11
Number born VII–6
Number, Jan. 1 ..... VII–1–3
Operations and inventory VII–12–13
Prices, farm VII–56
Production VII–8
Receipts at livestock markets VII–9
Skins:
Exports VII–51, 53
Imports VII–51, 52
Slaughter:
Farm VII–8
Total VII–9, 10
Under Federal inspection VII–9, 55
Slaughtered, live weight:
By States VII–10
Canola:
Area IX–19
Production IX–20
Value IX–20
Yield IX–19
Cantaloups:
Area IV–11, IX–19
Arrivals IV–24–25
Consumption IV–33
Price IV–11
Production IV–11, IX–20
Shipments IV–32
Value IV–11, IX–20
Yield IV–11, IX–19
See also Melons.
Carcasses, whole, number condemned under Federal inspection VII–55
Carrots:
Arrivals IV–30–31
Canned pack IV–34
Frozen pack IV–35–36
Shipments IV–32
Carrots, fresh:
Area IV-11, IX–21
Consumption IV-33
Price IV-11
Production IV-11, IX–22
Value IV-11, IX–22
Yield IV-11, IX–21
Carrots, processing:
Area IV-11, IX–21
Consumption IV-33
Price IV-11
Production IV-11, IX–22
Value IV-11, IX–22
Yield IV-11, IX–20
Casein:
Imports VIII–28
Castor beans:
Imports III–27
Castor oil:
Imports III–27
Prices, wholesale III–29
Catfish, Farm-raised XV–24
Cattle:
Brucellosis work VIII–6
Carcasses condemned VII–55
Dairy-herd improvement associations VIII–5
Hides:
Exports VII–51, 53
Imports VII–51–52
Price per pound, Chicago VII–51
Income from cash and gross VII–8, 11
Number:
In specified countries VII–5
Jan. 1 ..... VII–1–3, 55
On feed, by States VII–7
Operations and inventory VII–12–13
Prices:
Farm VII–11
Market VII–7
Production and disposition VII–8
Slaughter:
Farm VII–8, 11
Number VII–9
Under Federal inspection VII–10
Slaughtered, live weight VII–10
By States VII–10
Tuberculin testing VIII–5
Value:
Jan. 1 ..... VII–2–3
Of production VII–8,IX–24

Page
Cauliflower:
Area IV–12, IX–21
Arrivals IV–30–31
Consumption IV–33
Frozen pack IV–35–36
Prices IV–12
Production IX–22
Shipments IV–32
Value IV–9, IX–22
Yield IV–9, IX–21
Celery:
Area IV–13, IX–21
Arrivals IV–30–31
Consumption IV–33
Frozen pack IV–35–36
Prices IV–13
Production IV–13, IX–22
Shipments IV–32
Value IV–13, IX–22
Yield IV–13, IX–21
Cheese:
American, factory production VIII–16
Cold-storage holdings VIII–47
Consumption VIII–26
Disappearance VIII–26
Exports VIII–29–30
Foreign production VIII–28
Imports VIII–27, 28
Prices, market VIII–25
Production VIII–16, 28
Stocks on hand, Dec. 31 ....VIII–26
Cherries:
Area IX–19
Arrivals V–33–34
Brined V–10
Canned V–10
Exports V–10
Frozen V–10, 36
Imports V–10
Prices V–9
Production V–2, 9–10, IX–20
Shipments V–35
Utilization V–10
Value V–9, IX–20
Yield IX–20
Chickens:
Broiler production, price, and income VIII–36,38
Commercial storage stocks VIII–46
Consumption VIII–37
Exports VIII–37
Number in specified countries VIII–35
Number, Dec. 1 ....VIII–31–32, 34
Prices, live weight VIII–37
Production VIII–37–38
Sold, number VIII–36–37
Supply and distribution VIII–37
Tested for pullorum disease VIII–40
Value:
Dec. 1 ....VIII–31, 34
Of production VIII–38, IX–24
Of sales VIII–37
See also Chicks *and* Poultry.
Chicks:
Baby, prices VIII–38
Hatched by commercial hatcheries VIII–38
Value VIII–38
Child Feeding Programs XIII–7–9
Cigarettes:
Consumption and total output II–34–35
Exports II–34–35
Manufactured II–36
Citrus fruits:
Area V–1, IX-19
Arrivals V–33–34
Consumption V–38
Crop insurance X–4–7
Foreign production V–13
Prices V–11–12
Production V–2, 11–12, IX–20
Shipments V–35
Value V–11, IX–20
Yield IX–19
Citrus juices:
Canned pack V–14
Concentrated, pack V–14
Export V–14–15
Frozen pack V–37
See also Grapefruits, Lemons, Limes, Oranges, *and* Tangerines.
Clover seed, prices VI–6
Cocoa butter:
Exports III–26
Imports III–27

Page
Coconut oil:
Exports III–26
Imports III–27
Prices, market III–29
Production III–25
Coffee:
Area V–44, IX–19
Exports from principal producing countries V–45
Imports, origin V–44
Production V–44, IX–20
Value IX–20
Yield V–43, IX–19
Cold-storage stocks:
Apples V–61
Dairy products VIII–47
Frozen fruits V–61
Frozen orange juice V–62
Meats VII–58
Nuts V–63
Poultry products VIII–46
Vegetables IV–38
Commodities, agricultural:
Owned by Commodity Credit Corporation, Dec. 31 ....XI–2
Purchases by Commodity Credit Corporation, costs XI–5–6
Under Commodity Credit Corporation price-support loan, Dec. 31 ....XI–2
See also Agricultural products.
Commodity Credit Corporation:
Cost value of export and commodity disposition XI–7–8
Inventory transactions XI–5
Loan programs XI–3, 9
Price support:
Commodities owned XI–2
Commodities under loan XI–3
Granted XI–1
Operations, investments in XI–10
Concentrates fed to milk cows:
Quantity VIII–2
Value VIII–2
Conservation, agricultural XII–10–13
Agricultural Conservation Program XII–10–13
Conservation and pollution abatement practices XII–10–13
Conservation Reserve Program XII–1–9
Participation and assistance XII–11
Forestry Incentive Program XII–16–17
Great Plains Program XII–23
Plans XII–22
Soil Conservation Program XII–18–20
Water Bank Program XII–15
Status of cost-share contracts, EQIP/GPCP XII–23
Consumer's price index, by groups and by years IX–1
Consumer prices, index numbers XIII–10
Consumption per capita:
Apples V–37
Barley I–40
Beans:
Snap, canned IV–33
Beef VII–50
Butter III–29
Cheese VIII–26
Chewing tobacco II–36
Chickens VIII–37
Cigarettes II–36
Cigars II–36
Citrus fruits V–38
Coffee and cocoa XIII–6
Corn:
Canned IV–34
Cereal I–40
Meal I–40
Sugar I–40
Syrup I–40
Cornstarch I–40
Dairy products XIII–5
Eggs XIII–5
Fat products III–29
Fats III–29
Fish XIII–5
Flour XIII–5
Food XIII–5
Fruit juices, canned V–38

INDEX

Page

Consumption per capita—Continued
Fruits:
Canned V–38
Dried V–38
Fresh....V–38, XIII–5
Frozen....V–38
Total V–38, XIII–5
Grain products XIII–5
Grains....I–40
Ice cream....VIII–26
Lamb and mutton VII–50
Lard....III–29, VII–29, 52
Margarine....III–29
Meats VII–50, XIII–5
Melons IV–33
Milk:
Condensed....VIII–26
Dry whole VIII–26
Evaporated VIII–26
Fluid VIII–26
Nonfat dry milk VIII–26
Mutton VII–50
Nutrients....XIII–3–4
Oat products I–40
Oil products III–29
Oils....III–29, XIII–5
Paper....XII–34
Paperboard....XII–34
Peanuts III–9
Peas, canned IV–34
Pork VII–50
Potatoes....IV–33, XIII–5
Poultry....XIII–5
Rice....I–40
Rye flour....I–40
Shortening....III–29
Smoking tobacco....II–36
Snuff II–36
Sugar XIII–6
Tobacco products II–36
Tomatoes:
Canned IV–34
Fresh IV–33
Turkeys....VIII–40
Veal VII–50
Vegetables:
Canned....IV–34, XIII–5
Fresh IV–33, XIII–5
Frozen IV–37, XIII–5
Total XIII–5
Wheat:
Cereal....I–40
Flour I–40
Conversion factors, weights, and measures....v–ix
Cooperative organizations, farmers' X–17–18
Copra, imports III–27
Corn:
Area I–24, 26, 28–31, IX–19
Cereal, consumption....I–40
Consumption, total I–40
Crop insurance....X–4–7
Crop progress....XV–30
Disappearance....I–25
Exports I–25, 31
Imports....I–25
Loan program, Commodity Credit Corporation....XI–3–13
Oil:
Exports....III–24, 26
Prices, market III–29
Used in margarine and shortening....III–23
Payments to producers XI–11
Prices:
Farm I–24, 28
Market....I–47
Support operations....I–31
Production I–24, 26, 28–29, IX–20
Products, consumption I–40
Stocks on and off farms....I–25
Sugar consumption per capita....I–40
Supply and disappearance....I–25
Syrup:
Consumption II–25
Production, exports and consumption II–25
Sweet corn:
Area, production, and farm price....IV–13–14
Arrivals IV–30–31
Shipments IV–32
Canned:
Consumption....IV–37
Pack IV–34
Frozen pack IV–35–36
Yield and value IV–13–14

Page

Corn—Continued
Utilization:
Area, by States I–27
Value....I–24, 28, IX–20
Yield I–24, 26, 28–29, IX–19
Corn-hog price ratios VII–25
Cornstarch, consumption, civilian, per capita I–40
Cotton:
Area II–1–2, 4, III–1, IX–19
American Pima, carryover and ginnings, by grade and staple length II–6
Carryover....II–5–67
Consumption II–5–6, 8
Crop insurance X–3–4
Disappearance and distribution II–4
Exports II–6
Exports, index numbers XV–2
Foreign:
Carryover....II–4
Distribution II–4, 10
Production II–3
Supply II–4, 10
Stocks II–10
Forward contracted percentages II–4
Ginnings II–4
Grade and staple length II–6
Imports II–7–8, 10
Linters:
Distribution....II–10
Exports II–10
Imports II–7–8, 10
Production II–10
Supply....II–10
Loan program, Commodity Credit Corporation XI–5–6
Micronaire readings II–8
Prices:
Farm II–1–2
Market II–9
Support operations II–2
Production....II–1–3, IX–20
Supply II–5
Trade, international II–7
Upland:
Carryover, ginning, supply and disappearance:
By grade....II–6
By staple length II–6
Grade index and staple length....II–5–6
Value II–1, 3, IX–20
Yield IX–20
World:
Area II–3
Distribution....II–10
Production II–3
Stocks II–10
Supply....II–10
Yield per acre II–1, 3–4
Cottonseed:
Cake:
Exports III–3
Crushings III–2
Disposition III–1
Exports III–26
Exports, destination III–3
Meal:
Exports III–3
Prices....III–3
Production III–3
Oil:
Exports....III–3, 25–26
Prices III–1, 29
Production III–1, 24, 25
Used in margarine III–24
Used in shortening....III–24
Prices, farm....III–1
Production III–1, 4, IX–20
Products:
Prices and production III–1
Quality analysis III–2
Seed, prices paid by farmers....VI–6
Value III–1, IX–20
Cowhides:
Exports VII–51, 53
Imports....VII–52
Prices VII–51
Cows:
Numbers, Jan. 1 ....VII–1,3,6,15
Prices, market....VII–8
Slaughter under Federal inspection VII–9

Page
Cows, milk:
Number:
Average during year....VIII–1, 6–8
In specified countries....VIII–10
Jan. 1....VII–1, 3, VIII–4
Kept for milk-cow replacement....VIII–3
That have calved....VIII–3
Percent of operations and inventory....VIII–4–5
Prices, farm....VIII–18
Rations....VIII–2
See also Cattle.
Cranberries:
Area....V–17, IX–19
Prices, farm and quantity processed....V–17
Production....V–2, 17, IX–20
Value....V–17, IX–20
Yield....V–17, IX–19
Credit banks, Federal intermediate:
See Banks, Federal intermediate credit.
Crop insurance programs....X–4–7
Crop loan programs, Commodity Credit
Corporation....XI–3–12
Crop losses....X–3
Cropland, area....IX–5
Crop progress, 5-year average....XV–29
Crop ranking, major field crops, by production....XV–28
Crops:
Alaska....XV–27
Area....IX–19, 21
Value of production....IX–20, 22
Crops principal:
Production, index numbers....IX–24
See also specific crops.
Area harvested....IX–19, 21
Area planted....IX–18
Value of production....IX–20, 22
Cucumbers:
Arrivals....IV–30–31
Shipments....IV–32
Cucumbers, fresh market:
Area....IV-15, IX–21
Price....IV-15
Production....IV-15, IX–22
Value....IV-15, IX–22
Yield....IV-15, IX–21
Cucumbers, for pickles:
Area....IV-15, IX–21
Price....IV-15
Production....IV-15, IX–22
Value....IV-15, IX–22
Yield....IV-15, IX–21
Currants:
Exports, destination....V–20
Dairy statistics:
Brucellosis work....VIII–6
Cold storage holdings....VIII–47
Dairy product feed-price ratio....VIII-3
Disappearance....VIII–26
Exports....VIII–29–30
Herd improvement associations....VIII–5
Imports....VIII–28
Imports, index numbers....XV–2
Income from cash and gross....VIII–11–13
Manufactured....VIII–15
Prices:
Manufacturers....VIII–18
Support operations....VIII–31
Production....VIII–18
Stocks, manufacturers....VIII–18
Stocks on hand, Dec. 31....VIII–26
Dates:
Area....IX–19
Dried, production....V–35
Farm price....V–16
Imports....V–16
Price....V–16
Production....V–2, IX-20
Value....IX–20
Yield....IX–19
Economic trends....IX–1
Eggplant:
Area....IV-16, IX–21
Arrivals....IV–30–31
Price....IV-16
Production....IV-16, IX–22
Shipments....IV–32
Value....IV-16, IX–22
Yield....IV-16, IX–21

Page
Eggs:
Cold-storage stocks....VIII–46
Consumption....VIII–45
Exports....VIII–45
Foreign production....VIII–42
Imports....VIII–45
Lay, rate....VIII–43–44
Numbers used for hatching....VIII–43
Prices:
Farm....VIII–44
Volume buyers, New York....VIII–43
Production....VIII–44–45
Production in specified countries....VIII–42
Products under Federal inspection....VIII–45
Sales....VIII–44
Value....VIII–44
Emergency conservation measures....XII–10–11
Employment, farm:
Number of persons employed....IX–15–17
Total....IX–16
See also Labor, farm *and* Workers, farm equipment,
farm. *See* Farm equipment.
Escarole-endive:
Area....IV-16, IX–21
Arrivals....IV–30–31
Price....IV-16
Production....IV-16, IX–22
Shipments....IV–32
Value....IV-16, IX–22
Yield....IV-16, IX–21
Expenses, farm production....IX–36
Family farm:
Workers....IX–15–17
Farm:
Buildings, value....IX–9
Cash receipts....IX–37
Conservation plans, soil conservation districts....XII–19
Employment....IX–15–17
Equipment:
Value, shipped....IX–12–14
See also Machinery, farm.
Family. *See* Family, farm.
Income. *See* Income.
Labor. *See* Labor, farm.
Land:
Area....IX–2, 4, 6
Utilization....IX–7, 10
Value....IX–9
Mortgage. *See* Mortgages, farm.
Operators tenure of:
Output, index numbers....IX–23
Population. *See* Population, farm.
Production:
Expenses....IX–40
Index numbers....IX–23–24
Products:
Income:
Cash....IX–1, 38
Gross....IX–1, 38
Nonmoney....IX–38
Prices, farm....IX–27–29
Property:
Maintenance costs....IX–40
Taxes....IX–40
Value....IX–9
Real estate. *See* Real estate, farm.
Loans:
Outstanding....X–13–15
Farmers:
Cooperative associations type, number and membership
....X–16–18
Marketing and purchasing associations membership and
business....X–16–18
See also Farm, operators.
Farmers Home Administration loans....X–13–15
Community projects....X–13–15
Farming purposes....X–13–14
Housing....X–15
Farms:
Number....IX–2–3
Telephone costs....X–23
Tenure of operator....IX–4
Value per acre, index number....IX–9
Fat products, consumption....III–29
Fats:
Consumption....III–29
Disappearance....III–23
Exports....III–26
Imports....III–27
Prices:
Index numbers....III–28
Wholesale....III–29
Stocks, Jan. 1....III–23
Supply and disposition....III–23
Use, food and nonfood....III–23

Page

Fats—Continued
Used in—
Margarine III–23
Shortening III–23
World production III–25
See also Oils, shortening, *and under specific kinds.*
Feed:
Bought, cost to farm operators IX–37
Grains:
Exports, specified government programs I–44
Prices I–48
High-protein feed index I–45
Quantity consumed by livestock and poultry I–46
Feed concentrates:
Fed to livestock and poultry I–45
Quantity fed per animal unit I–45
Total fed I–45
Feed Grain Program, payments to producers XI–11
Exports, index numbers XV–2
Imports, index numbers XV–2
Feedstuffs:
Commercial, disappearance I–44
Prices, market I–48
Fertilizer:
Acres receiving applications XIV–1,3,4,6,8,10–12
Bought, cost to farm operators IX–37
Figs:
Area harvested IX–19
Dried:
Exports and imports V–17
Production V–17, 35
Price V–17
Production V–2, 17, IX–20
Value V–17, IX–20
Yield IX–19
Fish:
Consumption per capita XIII–5
Oil:
Production III–25
Packaged, fresh and frozen production by species XV–14
Fisheries, catch and disposition XV–15–16
Fishermen and craft XV–15
Fishery products:
Canned, production and value XV–14
Fresh XV–14
Exports XV–18–19
Frozen, production XV–14
Imports XV–18–19, 24
Landings XV–13
Sales, inventory XV–24
Supply XV–16
Fishing trips XV–19
Fish caught by marine recreational fishermen XV–20–23
Value XV–13
Flaxseed:
Area III–5, IX–19
Crop insurance X–4
Crushed for linseed oil III–7
Disappearance III–5
Exports III–5–6, 26
Imports III–5, 7, 27
Prices:
Farm III–5
Market III–6
Support operations III–6
Production III–5–7, IX–20
Stocks III–5
Value III–5, IX–20
Yield III–5, IX–19
See also Linseed.
Flood prevention operations:
Forest Service and Natural Resources Conservation Service XII–24
Flour. *See under specific kinds.*
Flowers V–48
Food:
Acquisition XV–12
Consumption, pounds XIII–5
Foodservice Establishments XIII–10
Nutrients, contributed by food groups XIII–3–4
Plans, cost levels XIII–6
Stamp Program XIII–7
Prices, farm-to-retail spread IX–23–24
Products, marketing spreads IX–23–24
Food and Nutrition Service Programs XIII–7
Contributions to States XIII–8
Costs XIII–7
Persons participating XIII–7
Quantity XIII–1
Food grain prices, market I–24
Foreign trade. *See* Agricultural products, foreign trade; *also under specific crops.*

Page

Forestry statistics XII–24–34
Indexes XII–34
Incentive program XII–16–17
Land, farm and nonfarm IX–7
Land, total and commercial XII–25
Products, value XII–26
Fruit:
Juices, canned:
Consumption V–38
Pack V–14
Stocks V–38
See under specific kinds.
Fruits:
Area, bearing V–1, IX–19
Arrivals V–33–34
Canned:
Consumption and stocks V–38
Citrus V–11–15
Citrus products V–11–15
Cold-storage stocks V–61
Consumption V–38
Deciduous fruits V–1
Dried:
Consumption V–38
Production V–35
Exports:
Index numbers XV–2
Frozen:
Cold-storage stocks V–61
Consumption V–38
Pack V–36
Noncitrus:
Production V–32
Utilization V–32
Value V–32
Orders, marketing XI–14
Production V–2
Shipments V–35
See also under specific kinds.
Garlic:
Area IV-18, IX–19
Price IV-18
Production IV-18, IX–20
Value IV-18, IX–20
Yield IV-18, IX–19
Ginger root:
Area IV-17, IX–19
Price IV-17
Production IV-17, IX–20
Value IV-17, IX–20
Yield IV-17, IX–19
Goat skins, imports VII–51
Goats:
Average clip VII–44
Carcasses condemned VII–55
Numbers clipped VII–44
Slaughtered under Federal inspection VII–55
Government payments:
Total IX–35
Grain products:
Consumption I–40
Exports, destination I–12, 20, 31
Imports, index numbers XV–2
Grains:
Consumption, civilian I–40
Disappearance, total I–1
Exports:
Destination I–12, 22, 31
Index numbers XV–2
Feed:
Area IX–19
Prices, market I–47
Food, area IX–19
Imports, index numbers XV–2
Supply I–1
Utilization in alcoholic products I–25, 36
See also under specific kinds.
Grape juice:
Arrivals V–33–34
Canned pack V–19
Shipments V–35
Grapefruit:
Area IX–19
Arrivals V–33–34
Canned:
Exports V–14
Pack V–14
Exports V–14–15
Foreign production V–13
Imports V–15

Page
Grapefruit—Continued
Juice, canned:
Blended orange and grapefruit, pack V–14
Exports V–14
Pack V–14
Juice, concentrated, pack V–14
Prices, farm V–11
Processed, quantity V–11
Production V–2, 11–12, IX–20
Shipments V–35
Value V–11, IX–20
Yield IX–19
See also Citrus fruits.
Grapes:
Area IX–19
Arrivals V–33–34
Crushed for wine V–19
Dried, production (raisins) V–19, 35
Exports V–20
Frozen V–37
Imports V–20
Prices V–18
Production V–2, 18–19, IX–20
Shipments V–35
Utilization V–19
Value V–18, IX–20
Yield IX–19
Grazing fees IX–42
Grazing on national forests, number of stock and receipts XII–30–31
Great Plains Conservation Program:
Contracts XII–23
Greens:
Arrivals IV–30–31
Shipments IV–32
Guavas
Area IV-20, IX–19
Price IV-20
Production IV-20, IX–20
Value IV-20, IX–20
Yield IV-20, IX–19
Hams:
Exports VII–47
Hardwood, production XII–33
See also under specific commodities.
Hazelnuts:
Area V-21, IX–21
Exports V–40
Imports V–40
Price V-21
Production V-21, IX–22
Production, price and value V–40
Production in Foreign countries V–39
Value V-21, IX–22
Yield V-21, IX–21
Hay:
Area VI–1–5, IX–19
Prices, farm VI–1
Production VI–1–5, IX–20
Stock on farms VI–1
Supply and disappearance, total and per animal unit VI–6
Value VI–1,6,IX–20
Yield VI–1,5,IX–19
Heifers:
Milk cows replacements VII–1
Number, Jan. 1 ..... VII–1, 3
Number that have calved VIII–1, 3
Hens, numbers, Dec. 1 ..... VIII–32,34
Hides and skins:
Exports VII–51–52
Imports VII–51–52
Imports, index numbers XV–2
Mink pelts produced VII–54
Prices at Central U.S VII–51
Hog-corn price ratio VII–25
Hogs:
Carcasses condemned VII–55
Disposition VII–22–23
Income from, cash and gross VII–22–23
Marketings VII–22–23
Number:
Dec. 1 ..... VII–18
For breeding VII–19
For market VII–19
In specified countries VII–20
Operations and inventory VII–18
Packer and shipper purchases, weight and cost VII–25
Prices, farm VII–25, 56
Production VII–22–23
Receipts:
At interior markets VII–22
At public stockyards VII–22
Shipments VII–22–23
Shipper purchases VII–25

Page
Hogs—Continued
Slaughter:
Farm VII–22–23
Under Federal inspection VII–20, 55
Slaughtered live weight VII–24
Value, Dec. 1 ..... VII–18
Value of production IX–24
See also Pig crop *and* Sows.
Honey:
Consumption II–23
Imports II–23
Honeydews:
Area, production, and price IV–12
Shipments IV–26
Yield and value IV–12
Hops:
Area VI–11, IX–19
Exports VI–12
Imports VI–12
Prices, farm VI–10–11
Production VI–11, IX–20
Stocks on hand VI–11
Value VI–10–11, IX–20
Yield VI–11, IX–19
Horses:
Carcasses condemned VII–55
Slaughtered under Federal inspection VII–55
Horses and mules, feed consumed I–46
Ice cream:
Consumption VIII–26
Disappearance VIII–26
Production VIII–17
Imports:
Agricultural products. *See* Agricultural products, imports.
See also under specific commodities.
Income:
Cash from—
Beef VII–8, 11
Calves VII–8, 11
Cattle VII–8, 11
Chickens IX–34
Dairy products VIII–11
Eggs IX–34
Farming IX–34
Hogs VII–22–23
Lambs VII–33–34
Mohair VII–45
Sheep VII–33–34
Veal VII–8
Wool VII–42
Disposable personal IX–1
Government payments:
Total IX–35
Gross from—
Broilers VIII–36
Calves VII–8
Cattle VII–8
Chickens VIII–39
Dairy products VIII–12
Farming IX–1
Hogs VII–23
Lambs VII–33–34
Sheep VII–33–34
Turkeys VIII–40–41
Gross, farm IX–34
National IX–1
Net, farm IX–1
Nonmoney IX–34
Index numbers:
Agricultural:
Exports XV–2
Imports XV–2
Production IX–23
Cotton, exports XV–2
Dairy products:
Exports XV–2
Imports XV–2
Farm:
Employment IX–15–17
Food consumption XIII–5,6
Input IX–24
Labor IX–15–17, 18
Production IX–23
Real estate taxes X–1–2
Real estate values per acre IX–9
Wage rates IX–15–17
Fats, prices III–29
Feeds:
Exports XV–2
Imports XV–2
Fruit exports XV–2

Page

Index numbers—Continued
Grains:
Exports XV–2
Imports XV–2
Hides, imports....XV–2
Industrial production IX–1
Livestock:
Production....IX–23–24
Products, production....IX–23–24
Oils:
Exports XV–2
Imports XV–3
Prices....III–29
Oilseeds:
Exports XV–2
Imports XV–2
Parity ratio IX–27
Prices:
Consumers' IX–1, XIII–10
Paid by farmers IX–1, 31
Producer....IX–1, 30
Received by farmers IX–1, 27–31
Skins, imports XV–2
Sugar, imports....XV–2
Tobacco:
Exports XV–2
Imports XV–2
Wool, imports XV–2
Industrial production IX–1
Insurance, crop....X–4–7
Irrigation IX–8
Kale:
Frozen pack IV–35–36
Kid skins, exports and imports....VII–51–53
Kiwifruit....V–2
Area....IX–19
Production....IX–20
Value....IX–20
Yield IX–19
Labor, farm....IX–15–17
See also Employment, farm *and* Workers, farm.
Lamb:
Crop VII–32
Skin:
Exports....VII–51,53
Imports....VII–51,52
See also Lamb and mutton *and* Meat.
Lamb and mutton:
Cold-storage holdings VII–59
Consumption VII–50
Exports VII–51, 53
Imports VII–51, 52
Production:
Specified countries....VII–46
United States VII–45
Lambs:
Cash receipts VII–33–34
Marketings....VII–33–34
Number, Jan. 1, by classes and State VII–28, 30
Prices:
Market VII–33–34
Shipments....VII–33–34
Slaughter:
Farm....VII–33–34
Under Federal inspection....VII–36
See also Livestock *and* Sheep and lambs.
Land utilization:
Cropland IX–7
Forest land IX–7
Pasture IX–7
In Alaska XII–27
Special uses IX–7
Lard:
Consumption III–29, VII–50
Exports III–24, VII–27
Prices....III–29
Stocks VII–27
Supply....VII–27
Used in:
Food products III–26
Margarine....III–23
Shortening....III–24
Lemons:
Area....IX–19
Arrivals....V–33–34
Exports V–15
Imports V–15
Prices....V–11
Processed, quantity V–11
Production V–2, 11–12, IX–20
Production, foreign V–13
Shipments....V–35
Value....V–11, IX–20
Yield IX–19

Page

Lemons—Continued
See also Citrus fruits.
Lettuce:
Arrivals IV–33–34
Shipments IV–32
Lettuce, head:
Area....IV-17, IX–21
Consumption....IV–33
Price....IV-17
Production IV-17, IX–22
Value IV-17, IX–22
Yield....IV-17, IX–21
Lettuce, leaf:
Area....IV-18, IX–21
Consumption....IV–33
Price....IV-18
Production IV-18, IX–22
Value IV-18, IX–22
Yield....IV-18, IX–21
Lettuce, Romaine:
Area....IV-18, IX–21
Price....IV-18
Production IV-18, IX–22
Value IV-18, IX–22
Yield....IV-18, IX–21
Limes:
Area....IX–19
Exports V–15
Imports V–15
Prices....V–11–12
Processed quantity V–11
Production V–2, 11–12, IX–20
Shipments....V–35
Value....V–11, IX–20
Yield IX–19
See also Citrus fruits.
Linseed:
Cake and meal:
Exports III–7
Imports III–7
Production III–7
Exports, destination III–7
Meal prices III–6
Oil:
Exports III–7
Imports III–7
Prices, market III–6
Production....III–7, 26
Stocks, June 1....III–7
Linters. *See* Cotton, linters.
Livestock:
Bought, cost to farm operators IX–40
Grazed on national forests, and receipts....XII–30–31
Number on farms VII–55
Prices VII–56–57
Production....IX–23
Production, index numbers IX–23
Products:
Index numbers IX–23
Production....IX–23
Value....IX–23
Slaughtered under Federal inspection VII–55
Value:
Of production IX–22
Total and per head VII–55
World. *See specific kinds.*
Loans and debt outstanding:
Agricultural, Federal and other agencies....X–8–15, 22–23
Commodity Credit Corporation XI–1–10
Economic opportunity X–14
Emergency X–14
Farm real estate, of all operating banks X–11
Farmers' cooperative organizations X–23
Farmers Home Administration....X–13–15
Federal land banks....X–11
Insurance companies....X–4–7
Interest:
Non-real estate X–12
Operating loans....X–23
Rural Housing, Farmers Home Administration....X–15
Rural Utilities Service X–19–21
To associations....X–14
To cooperatives....X–23
See also under specific type of commodity.
Macadamia nuts:
Area V-40, IX–21
Price V-40
Production V-40, IX–22
Value V-40, IX–22
Yield....V-40, IX–21
Machinery, farm:
Number, Jan. 1 ....IX–12

Page

Machinery, farm—Continued
See also Farm, equipment.
Macronutrients:
Quantity available....XIII-1
Maple products:
Sugar. *See* Sugar, maple.
Syrup. *See* Syrup, maple.
Margarine:
Consumption....III–29
Disappearance, domestic....III–23
Exports....III–23, 25
Manufacture, materials used....III–23
Prices, wholesale....III–29
Production....III–23
Supply....III–23
Marketing:
Agreements and orders:
Fruits, vegetables, and tree nuts....XI–14
Milk....VIII–20–21
Associations, membership and business....X–16–18
Bill for farm food products....IX–25
Costs....IX–25
Marketings, farm, cash receipts....IX–37
Meals. *See under specific kinds.*
Measures:
Equivalent weights....v–vii
Tables, explanation....iv
Meat:
Cold-storage holdings....VII–58,59
Trade, international....VII–49–50
Meats:
Consumption....VII–50
Exports....VII–47
Imports....VII–47–48
Production:
Specified countries....VII–46
United States....VII–45
Melons
See Cantaloups, Honeydews *and* Watermelons
Milk:
Condensed:
Consumption....VIII–26
Disappearance....VIII–26
Exports....VIII–29
Exports destination....VIII–30
Production....VIII–17
Stocks, manufacturers'....VIII–17
Stocks on hand, Dec. 31....VIII–26
Dry:
Nonfat:
Consumption....VIII–26
Disappearance....VIII–26
Exports....VIII–29
Exports, destination....VIII–30
Prices....VIII–18
Production....VIII–17
Stocks, manufacturers'....VIII–18
Stocks on hand, Dec. 31....VIII–26
Whole:
Consumption....VIII–26
Disappearance....VIII–26
Exports....VIII–29
Exports, destination....VIII–30
Imports....VIII–27
Prices....VIII–18
Stocks, manufacturers'....VIII–18
Stocks on hand, Dec. 31....VIII–26
Evaporated:
Consumption....VIII–26
Disappearance....VIII–26
Exports....VIII–29
Exports, destination....VIII–30
Prices....VIII–18
Production....VIII–17
Stocks, manufacturers'....VIII–18
Stocks on hand, Dec. 31....VIII–26
Marketing orders, Federal....VIII–14, 19–20
Prices:
Farm....VIII–11, 13, 18
Received by producers....VIII–11, 14, 18
Retail....VIII–11
Producer deliveries....VIII–23
Producers, number....VIII–23
Production....VIII–16
Production in specified countries....VIII–10
Sales....VIII–11
Utilization....VIII–12
Value....VIII–12
Milkfat:
Percentage in milk....VIII–6–7
Prices, farm....VIII–13

Page

Milkfat—Continued
Production:
Per cow....VIII–6–7
Sales from farms....VIII–11
Total....VIII–18
Mill products, disappearance....I–44
Mink pelts, *number* produced....VII–54
Mint oil....III–22
Mohair:
Price....VII–44
Price-support operations....VII–44
Production....VII–44
Value....VII–44
Molasses:
Edible:
Production and foreign trade....II–24
Consumption....II–25
Industrial:
Production, foreign trade, and consumption....II–24
Motortrucks, number on farms....IX–10
Mules. *See* Horses and mules.
Mushrooms:
Area in production....V–46
Arrivals....IV–30–31
Exotic....V–47
Prices....V–46
Production....V–46
Imports....V–47
Value of production....V–46
Mustardseed
Area....IX–19
Production....IX–20
Value....IX–20
Yield....IX–19
Mutton. *See* Lamb and mutton *and* Meats.
National forests:
Area by States....XII–29
Payments to States and Puerto Rico....XII–30
Receipts....XII–30
Recreational use....XII–32
Stock grazed on....XII–30–31
Timber cut....XII–29
Use by hunters and fishermen....XII–32
National income....IX–1
National marketing bill for civilian purchases of food products....IX–25
Nectarines:
Area....IX–19
Arrivals....V–33–34
Disposition, use, price, and value....V–21
Production....V–2, 21, IX–20
Shipments....V–35
Value....IX–20
Yield....IX–19
Nonfood Assistance Program....XIII–7
Nutrients contributed by food groups....XIII–3
Nuts:
Area, bearing....V–1, IX–21
Tree:
Commercial production in foreign countries....V–39
Supply and utilization....V–38
Oatmeal:
Consumption, civilian, per capita....I–40
Oats:
Area....I–32–35, IX–19
Consumption, civilian....I–40
Exports....I–32
Imports....I–32
Prices:
Farm....I–32, 34
Market....I–47
Support operations....I–33
Production....I–32–35, IX–20
Seed, prices paid by farmers....VI–6
Stocks on and off farms....I–32
Supply and disappearance....I–32
Value....I–32, 34, IX–20
Yield....I–32–35, IX–19
Oil products:
Consumption....III–29
Oils:
Animal:
Used in margarine....III–23
Used in shortening....III–24
Consumption....III–29
Disappearance....III–23
Exports....III–26
Imports....III–27
Prices:
Index numbers....III–28
Wholesale....III–28
Stocks, Jan. 1....III–23
Supply and disposition....III–23

Page

Oils—Continued
Use, food and nonfood:
Margarine....III–23
Shortening....III–24
Vegetable:
Exports....III–26
Imports, quantity....III–27
Used in margarine....III–23
Used in shortening....III–25
World production....III–26
See also Fats, Shortening, *and under specific kinds.*
Oilseed cake and meal:
Disappearance....I–44
Exports....III–26
Imports....III–27
See also under specific kinds.
Oilseeds:
Exports....III–26
Imports:
Index numbers....XV–2
Quantity....III–27
World production....III–25
Okra:
Frozen pack....IV–35–36
Shipments and arrivals....IV–30–32
Oleomargarine. *See* Margarine.
Olive oil:
Exports....V–21
Imports....III–27, V–21
Prices, wholesale....III–29
Production in specified countries....III–23
Production, world....III–25
Olives:
Area....IX–19
Imports....V–21
Prices....V–21
Production....V–2, IX–20
Utilization....V–21
Value....V–21, IX–20
Yield....IX–19
Onions:
Area....IV–19, IX–19
Arrivals....IV–24–25
Exports....IV–18
Imports....IV–18
Loss....IV–19
Prices....IV–19
Production....IX–20
Shipments....IV–32
Shrinkage....IV–19
Yield....IV–21, IX–20
Value....IV–22, IX–19
Orange juice:
And grapefruit juice, blended, canned pack....V–14
Canned pack....V–14
Concentrated pack....V–14
Frozen, cold-storage stocks....V–62
Oranges:
Area....IX–19
Arrivals....V–33–34
Exports....V–14–15
Imports....V–15
Prices....V–11
Processed, quantity....V–11
Production....V–2, IX–20
Production, foreign....V–13
Shipments....V–35
Value....V–11, IX–20
Yield....IX–20
See also Citrus fruits.
Palm kernel oil:
Imports....III–27
Production, world....III–25
Palm oil:
Imports....III–27
Prices, wholesale....III–29
Production, world....III–25
Papayas:
Area....IX–19
Prices....V–27
Production....V–2, 27, IX–20
Utilization....V–27
Value....V–27, IX–20
Yield....IX–19
Paper:
Consumption per capita....XII–34
Production and consumption....XII–34
Paperboard:
Consumption per capita....XII–34
Production and consumption....XII–34
Parity prices....IX–27
Parity ratio....IX–30
Parsley arrivals and shipments....IV–30–31

Page

Payments:
Government....IX–35
Peaches:
Area....IX–19
Arrivals....V–33–34
Canned:
Exports....V–22
Quantity....V–22–23
Dried:
Exports....V–22
Production....V–35
Exports....V–22
Frozen....V–37
Prices....V–23
Production....V–2, 22–23, IX–20
Production, foreign....V–20
Shipments....V–35
Utilization....V–23
Value....V–22, IX–20
Yield....IX–19
Peanut cake and meal:
Production....III–8
Stocks....III–8
Peanut oil:
Exports....III–8, 27
Imports....III–8, 28
Production and stocks....III–8, 9
Peanuts:
Area....III–8, 10, 12, IX-19
Consumption....III–9
Crop progress....XV–32
Crushed....III–8, 9
Disposition....III–8, 9
Exports....III–8, 9
Foreign production....III–12
Imports....III–9, 28
Milled....III–8
Prices:
Cleaned....III–9, 11
Farm....III–8, 11
Shelled....III–10
Support operations....III–11
Production....III–8, 10, 12, IX–20
Seed, prices paid by farmers....VI–6
Stocks on hand....III–8, 9
Supply....III–9
Utilization, shelled....III–9, 10
Value....III–8, 10, IX–20
Yield....III–8, 10, 12, IX–19
Pears:
Arrivals....V–33–34
Canned:
Exports....V–26
Dried:
Exports....V–26
Production....V–26
Exports....V–26
Imports....V–26
Prices:
Farm....V–25
Production....V–2, 24–25, IX–20
Shipments....V–35
Utilization....V–27
Value....V–24, IX–20
Yield....IX–19
Peas:
Blackeye, frozen pack....IV–35–36
Dry:
Exports....VI–10
Shipments....IV–32
Green:
Area....IV–20, IX–19
Arrivals....IV–30–31
Production....IV–20, IX–20
Shipments....IV–32
Canned:
Consumption....IV–34
Pack....IV–35
Frozen pack....IV–35–36
Prices....IV–20
Value....IV–20, IX–20
Yield....IV–20, IX–19
Pecans:
Exports....V–42
Imports....V–42
Prices....V–41
Production....V–41, IX–20
Value....V–40, IX–20
Peppermint:
Area....III–22, IX–19
Farm price....III–22
Production....III–22, IX–20
Value....III–22, IX–20
Yield....III–22, IX–19

Page

Pepper, green:
Area IV–20, IX–19
Arrivals IV–30–31
Consumption IV–33
Frozen pack IV–35–36
Price IV–20
Production IV–20, IX–20
Shipments IV–32
Value IV–20, IX–20
Yield IV–20, IX–19
Persimmons:
Arrivals V–30–31
Shipments V–35
Pesticides:
Acres receiving applications XIV–2,4,5,7,9
Pickles:
Canned pack IV–34
Pig crop VII–21
See also Hogs *and* Sows.
Pineapples:
Area IX–19
Production V–2, IX–20
Pistachios:
Area IX–21
Production IX–22
Value IX–22
Yield IX–21
Plums:
Area IX–19
Arrivals V–33–34
Canned:
Disposition V–29
Quantity V–29
Exports V–30
Frozen, commercial pack V–37
Imports V–30
Prices, farm V–28
Production V–2, 28–29, IX–20
Shipments V–35
Utilization V–29
Value V–28, IX–20
Yield IX–20
Pollution abatement practices XII–12
Pomegranates:
Production V–2
Shipments V–35
Poppy seed:
Imports III–27
Population:
Eating from civilian food supplies XIII–1
Pork:
Cold-storage holdings VII–58
Consumption VII–50
Exports VII–47
Imports VII–47
Income from, cash and gross VII–22
Production:
Specified countries VII–46
United States VII–45
Potatoes:
Area IV–21–22, IX–19
Arrivals IV–30–31
Consumption IV–33
Exports IV–26
Farm disposition IV–21, 25
Frozen pack IV–35–36
Imports IV–24, 26
Prices, farm IV–21, 22
Production IV–21–22,25, IX–20
Seed, prices paid by farmers VI–6
Shipments IV–32
Stocks IV–22, 23
Utilization IV–24
Value IV–21, IX–20
Yield IV–21, IX–19
Poultry:
Cold-storage holdings VIII–46
Consumption per capita XIII–5
Production in specified countries VIII–35
Products, cold-storage holdings VIII–46
Slaughtered under Federal inspection VIII–39
See also Chickens, Chicks, *and* Turkeys.
Poultry-feed price ratios VIII–38
Price index, consumers', by groups and years IX–23
Price support:
Commodities owned XI–2
Commodities under loan XI–3
Granted by CCC XI–1
Operations, investment in XI–10

Page

Prices:
Consumer, index numbers IX–23
Farm product IX–27–29
Index numbers IX–30
Paid by farmers IX–1, 31
Parity ratio IX–30
Producer, index numbers IX–30
Received by farmers, index numbers IX–1, 30
Production:
Credit associations, loans XI–3
Expenses of farmers IX–40
Operating loans X–23
Index numbers IX–24
Proteins (animal), disappearance I–44
Prunes:
Area IX–19
Arrivals V–33–34
Canned:
Quantity V–27
Dried:
Exports V–30
Farm price V–29
Imports V–30
Production V–28–29, 35
Quantity V–27–29
Exports V–30
Frozen:
Pack V–37
Quantity V–28–29
Imports V–30
Prices, farm V–27–28
Production V–2, 28–29, IX–20
Shipments V–35
Utilization V–28–29
Value V–28–29, IX–20
Yield IX–19
Pullets, number, Dec. 1 ....VIII–31–33
Pulpwood consumption XII–34
Pumpkin:
Arrivals IV–30–31
Frozen pack IV–35–36
Shipments IV–32
Radishes, shipments IV–32
Raisins:
Exports V–20
Imports V–20
Production V–20, 35
Rapeseed:
Area IX–19
Production IX–20
Value IX–20
Yield IX–19
Oil:
Imports III–27
Prices, market III–29
Production III–25
Rations, concentrate, value per 100 lb. fed to milk cows VIII–2
Rations fed to milk cows VIII–2
Real estate, farm:
Debt:
Outstanding, by regions and total X–8–10
Loans:
Farmers Home Administration X–15
Taxes, amount and index numbers X–1
Value:
By States IX–9
Index number IX–33
Refrigeration, warehouse space XV–25
Rhubarb, frozen pack IV–35–36
Rice:
Area I–16, 18, 21–22, IX–19
Crop progress XV–30
By length of grain I–16–19
Area I–16, 18, 22
Production I–16, 18, 22
Stocks I–16–17, 19
Yield I–16, 18
Disappearance I–17
Exports:
Destination I–20
Under specified Government programs I–19
Prices:
Farm I–16, 18
Market I–25
Support operations I–20
Production I–16, 18, IX–20
Products, consumption per capita I–41
Stocks I–16–17, 19
Supply I–17
Trade, international I–23
Value I–16, 18, IX–20
Yield I–16, 18, IX–19

Page

Rural Electrification Administration:
Borrowers, status of....X–23
Loans....X–19–20
Services....X–19
Rural Telephone Bank....X–23–25
Rye:
Area....I–12, 14–15, IX–19
Consumption, civilian....I–40
Disappearance....I–13
Disposition....I–13
Exports....I–13
Flour, consumption per capita....I–40
Imports....I–13
Prices:
Farm....I–15
Prices:
Market....I–24
Support operations....I–13
Production....I–12, 14, IX–20
Supply....I–13
Value....I–12, 14–15, IX–20
Yield....I–12, 14–15, IX–19
Safflower:
Area....IX–19
Production....IX–20
Value....IX–20
Yield....IX–19
Sausage:
Exports....VII–47
Imports....VII–47
School lunch programs, quantity and costs....XIII–7
Seeds:
Bought, cost to farm operators....IX–40
Field:
Prices, paid by farmers....VI–6
See also under specific kinds.
Sesame:
Oil:
Seed, imports....III–27
Sheep:
Marketings....VII–33
Number in specified countries....VII–31
Number, Jan. 1....VII–30
Prices:
Farm....VII–33
Market....VII–33
Shipments....VII–33
Slaughter:
Farm....VII–33
Under Federal inspection....VII–36, 55
See also Sheep and lambs *and* Livestock.
Sheep and lambs:
Carcasses condemned....VII–55
Disposition....VII–33–34
Income....VII–33–34
Number:
Jan. 1, by classes and States....VII–29
Shorn for wool....VII–38, 42–43
Specified countries....VII–31
Prices, farm....VII–33
Production....VII–34
Receipts at public stockyards....VII–35
Shipments....VII–34
Skins:
Exports....VII–51
Imports....VII–51
Origin....VII–52
Slaughter:
Farm....VII–33–34
Under Federal inspection....VII–36
Value:
Jan. 1....VII–28
Of production....VII–33–34
See also Lambs, Livestock, *and* Sheep.
Shortening:
Consumption:
Civilian....III–29
Disappearance....III–24
Exports....III–24
Manufacture, fats and oils used....III–24
Production....III–24
Supply....III–24
See also Fats *and* Oils.
Skins:
Exports....VII–51
Imports....VII–51
Imports, by country of origin....VII–52
Index numbers, imports....XV–2
Mink pelts produced....VII–54
Snuff:
Consumption....II–34–35
Manufactured....II–36
Softwoods, production....XII–33

Page

Soil, conservation:
Districts:
Growth....XII–18
State and Local appropriations....XII–18
State participation....XII–17
Plans....XII–22
Practices applied....XII–20
Surveys, area....XII–20
Conservation plans....XII–21
Flood prevention operations....XII–24
Great Plains....XII–23
Watershed improvements....XII–24
Sorghum:
Area....I–41–42, IX–19
Grain:
Disappearance....I–41
Exports....I–41
Prices, farm....I–41, 43
Prices, market....I–47
Stocks on and off farms....I–41
Silage....I–41
Supply....I–41
Support operations....I–43
Production....I–41–42, IX–20
Seed, prices paid by farmers....VI–6
Value....I–41, 43, IX–20
Yield....I–41–42, IX–19
Sows:
Farrowing....VII–19, 21
Packer purchases, average weight and cost....VII–25
See also Hogs *and* Pigs.
Soybean cake and meal:
Cake and meal stocks, production, and exports....III–18
Meal, prices....III–14
Soybean oil:
Exports....III–18, 26, 28
Prices:
Market....III–14
Wholesale....III–29
Production....III–15, 29
Stocks....III–15
Used in—
Drying-oil industries....III–29
Margarine....III–23
Shortening....III–24
Soybeans:
Area....III–13, 15, 17, IX–19
Crop insurance....X–6
Crop progress....XV–31
Crushed....III–15
Exports....III–14, 18
Imports....III–27
Prices:
Farm and Market....III–13, 14, 16
Support operations....III–16
Production....III–13, 15, 17, IX–20
Seed, prices paid by farmers....VI–6
Stocks on and off farms....III–13
Supply and disappearance....III–14
Value....III–13, 16, IX–20
Yield....III–13, 15, 17, IX–19
Spearmint:
Area....III–22, IX–19
Price....III–22
Production....III–22, IX–20
Value....III–22, IX–20
Yield....III–22, IX–19
Special Milk Program....XIII–7
Spinach:
Arrivals....IV–30–31
Consumption....IV–33
Frozen pack....IV–35–36
Shipments....IV–32
Spinach, fresh:
Area....IV-20, IX–21
Price....IV-20
Production....IV-20, IX–22
Value....IV-20, IX–22
Yield....IV-20, IX–21
Spinach, processing:
Area....IV-20, IX–21
Price....IV-20
Production....IV-20, IX–22
Value....IV-20, IX–22
Yield....IV-20, IX–21
Squash:
Arrivals....IV–30–31
Frozen pack....IV–35–36
Shipments....IV–32
Stags:
Slaughter under Federal inspection....VII–12

Page
Steers:
Beef, prices, market VII–8
Number, Jan. 1 ....VII–1
Slaughter under Federal inspection VII–12
Strawberries:
Area V–31, IX–19
Arrivals....V–33–34
Frozen pack....V–37
Prices, farm V–31
Production V–2, 30–31, IX–20
Shipments....V–35
Value....IX–20
Yield IX–19
Sugar:
Beet:
Area II–11–12
Price and value....II–11
Production, United States II–11
Production, world....II–12
Stocks, production, and deliveries....II–18
Yield II–11–12
Cane:
Produced per ton of cane....II–13
Production:
In Hawaii....II–13–14
In specified countries....II–14–15
In United States II–13–14
Production, world....II–14–16
Stocks, production, and deliveries....II–18
Stocks, receipts, meltings, and deliveries II–18
Exports II–19, 23
Foreign stocks II–22
Imports....II–17, 19, 21
Imports, index numbers....XV–2
Marketings, by source....II–17
Prices:
Retail, United States II–21
Wholesale, at New York II–21
Production, world....II–16
Stocks, production, trade, and supply available for consumption II–18
Trade, international II–19
Sugarbeets:
Area....II–11, IX–19
Prices, farm II–11
Production....II–11, IX–20
Value....II–11, IX–20
Yield II–11, IX–19
World area and production....II–12
See also Beets.
Sugarcane:
Area....II–13–15, IX–19
Area, production, and yield:
In Hawaii....II–14
In specified countries....II–15
Prices, farm II–13
Production for sugar and seed II–13–14, IX–20
Value....II–13, IX–20
Yield per acre....II–13–14, IX–19
Sunflower:
Area III–19–20, IX–19
Production III–19–20, IX–20
Value III–19–20, IX–20
Yield III–19–20, IX–19
Sunflower seed III–21
Support prices, commodity IX–32
Sweetpotatoes:
Area IV–27, IX–19
Arrivals IV–30–31
Consumption....IV–33
Prices IV–27
Production IV–27, IX–20
Shipments IV–32
Value IV–27, IX–20
Yield IV–27, IX–19
Syrup:
Corn:
Consumption, civilian, per capita I–40
Exports II–25
Production and consumption II–25
Maple:
Consumption, domestic....II–25
Imports II–25
Production II–25
Refiners':
Consumption II–25
Production II–25
Sugarcane:
Consumption II–25
Syrups, edible:
Consumption II–25
Foreign trade II–25
Production II–25

Page
Tallow:
Edible:
Prices....III–29
Production, world III–25
Inedible:
Disposition III–24
Exports....III–26, 28
Factory consumption III–29
Imports III–27
Prices....III–24
Production III–25
Supply III–24
Tallow oil, prices, wholesale III–27
Tangelos:
Area....IX–19
Production V–11, IX-20
Value....V–11, IX–20
Yield IX–19
Tangerine, juice, pack V–15, 37
Tangerines:
Area....IX–19
Arrivals....V–32–33
Prices....V–11–12
Production V–2, 11–12, IX–20
Value....IX–20
Yield IX–19
Taro:
Area IV–28, IX–19
Production IV–28, IX–20
Price IV–28
Value IV–28, IX–20
Yield IV–28, IX–19
Taxes:
Farm real estate:
Amount....X–1
Index numbers X–1
Tea:
Exports from principal countries....V–45
Imports, origin V–46
Telephone
Borrower statistics X–23
Expenses....X–23
Revenues X–23
Temples V–2, 11, 32–34
Area....IX–19
Production V-2, 11, IX–20
Value V-2, 11, IX–20
Yield IX–19
Timber:
Cut XII–29
Prices XII–32
Products XII–26
Removals and growth XII–26
Volume XII–26
Timothy seed; prices VI–6
Tobacco:
Area....II–27–32, IX–19
Chewing:
Consumption II–36
Manufactured II–36
Consumption II–36
Crop insurance X–7
Disappearance II–29–32
Exports:
Destination II–40–41
Index numbers....XV–2
Imports:
Index numbers....XV–2
Origin II–37
Prices:
Farm II–29–32
Support operations II–37
Production....II–26–32, IX–20
Products:
Consumption II–36
Manufactured II–36
Smoking:
Consumption II–36
Manufactured II–36
Stocks II–33
Supply II–33
Trade, international II–37–39
Value....II–27–32, IX–20
World area and production....II–26–28
Yield II–26–32, IX–19
See also Cigarettes, Cigars, *and* Snuff.
Tomato products:
Catsup exports IV–28
Juice:
Exports....IV–28
Paste:
Exports and imports IV–28

Page

Tomatoes:
Area....IV–28–29, IX-21
Arrivals....IV–30–31
Canned:
Consumption....IV–33
Exports....IV–28
Imports....IV–28
Prices....IV–28–29
Production....IX-22
Shipments....IV–32
Value....IV–28, IX-22
Yield....IV–28, IX-21
Tractors, numbers on farms....IX–12
Trade, international:
Cotton....II–7
Meat....VII–49–50
Rice....I–23
Sugar....II–20
Tobacco....II–37–38
Wheat and flour....I–11
Truck crops. *See* Vegetable crops.
Tung oil:
Imports....III–27
Prices, wholesale....III–29
Turkeys:
Cold storage....VIII–46
Consumption:
Per capita and total....VIII–40
Number raised....VIII–40
Prices....VIII–40
Production....VIII–40
Sales....VIII–40
Supply and distribution....VIII–40
Tested for pullorum disease....VIII–40
Turnip greens, frozen pack....IV–35–36
Arrivals....IV–30–31
Shipments....IV–32
Utilization of farm commodities:
Apples....V–5
Apricots....V–6–7
Barley, in alcoholic products....I–36
Cherries....V–10
Corn:
Area....I–24, 26, 29–31
In alcoholic products....I–25
Grapes....V–19
Land....IX–9
Milk....VIII–22
Olives....V–21
Peaches....V–23
Pears....V–25, 27
Plums and prunes....V–29
Total index....IX–24
See also individual items.
Value of agricultural commodities:
Crops:
Principal....IX–20, 22
Specific. *See under name of specific crop.*
Vegetable....IV–2–5
Exports....XV–2–8
Imports....XV–2, 8
Livestock....VII–55
Veal:
Consumption....VII–50
Production....VII–45, 50
See also Beef, Beef and Veal, *and* Meats.
Vegetable fats and oils:
Fats. *See* Fats, vegetable.
Oils. *See* Oils, vegetable.
Vegetables:
Area....IV–2–3, IX–21
Arrivals....IV–30–31
Canned:
Consumption....IV–34
Pack....IV–34
Exports, index numbers....XV–2
Frozen:
Cold-storage stocks....IV–38
Consumption....IV–37
Pack....IV–35–36
Orders, marketing....XI–13
Production....IV–2, 4, IX–22
Shipments....IV–32
Value....IV–2, 5, IX–22
Yield....IX–21

Page

Vegetables—Continued
See also under specific kinds.
Vitamins:
Quantity available....XIII–2
Wages, farm:
Average earnings received....IX–18
Rates....IX–15–16
Walnuts, English:
Area....IX–21
Exports....V–42
Imports....V–42
Prices....V–42
Production in foreign countries....V–39
Production....V–42, IX–22
Value....V–42, IX–22
Yield....IX–21
Warehouse space, refrigerated....XV–25–26
Water conservation. *See* Conservation.
Watermelons:
Area....IV-40, IX–21
Arrivals....IV–30–31
Consumption....IV–33
Price....IV-40
Production....IV-40, IX–22
Shipments....IV–32
Value....IX–22
Yield....IX–21
See also Melons *and* Vegetable seeds.
Watershed improvements of Natural Resources Conservation Service....XII–24
Weights:
Equivalent measures....v–vii
Tables, explanation....iv
Wheat:
Area....I–1, 2, 5–6, 8–9, IX–19
Cereal, consumption per capita....I–40
Consumption....I–40
Crop insurance....X–7
Disappearance....I–4
Exports....I–4, 10–12
Specified Government programs....I–10
Flour:
Consumption, civilian, per capita....I–40
Exports, destination....I–12
Imports....I–4, 10–11
Loan program, Commodity Credit Corporation....XI–3–4, 12
Prices:
Farm....I–1–2, 7
Market....I–24
Support operations....I–7
Production....I–1–2, 5, 8–9, IX–17
Seed, price paid by farmers....VI–6
Stocks:
By classes....I–4
On and off farms....I–3
Supply....I–4
Trade, international....I–11
Value....I–1, 7, IX–17
Yield....I–1–2, 5–6, 8–9, IX–17
Wood-pulp production....XII–32
Wool:
Consumption, total....VII–40–41
Imports:
By grades....VII–40
Index numbers....XV–2
Origin....VII–41
Quantity for consumption....VII–40
Prices:
Delivered to U.S. mills....VII–39
Farm....VII–43
Price-support operations....VII–39
Production, shorn....VII–42–43
Value and weight per fleece....VII–42–43
Workers, farm:
Average wage rate....IX–15–17
Hired....IX–15–17