UNITED STATES
DEPARTMENT OF AGRICULTURE

NATIONAL AGRICULTURAL STATISTICS SERVICE

AGRICULTURAL STATISTICS 2000

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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 1990 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 Attaches 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:			
Southeastern	.....do	25	11.3
Southwestern	.....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, 1989–98 [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*
1989	86.5	284.0	2.3	372.7	204.4	106.8	311.3	61.4
1990	61.4	312.1	2.8	376.3	220.0	83.9	303.8	72.5
1991	72.5	279.7	3.8	356.0	220.3	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	355.6	6.3	405.9	246.1	99.2	345.3	60.5
1995	60.5	277.3	5.0	342.9	216.5	100.5	317.1	25.8
1996	25.8	335.5	5.9	367.2	244.5	82.3	326.9	40.3
1997	40.3	336.3	5.9	382.5	245.9	77.5	323.4	59.1
1998 [3]	59.1	349.4	6.3	414.8	248.5	88.2	336.7	78.1

[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.

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Table 1-2.—Wheat: Area, yield, production, and value, United States, 1990–99

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*
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	69,031	60,955	35.8	2,182,708	4.55	9,787,766
1996	75,105	62,819	36.3	2,277,388	4.30	9,782,238
1997	70,412	62,840	39.5	2,481,466	3.38	8,286,741
1998	65,821	59,002	43.2	2,547,321	2.65	6,780,623
1999	62,814	53,909	42.7	2,302,443	2.55	5,903,501

[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, 1990–99

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*
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	48,591	40,987	37.7	1,545,303	4.41	6,720,901
1996	51,445	39,574	37.1	1,469,618	4.33	6,396,217
1997	47,985	41,340	44.6	1,845,528	3.23	5,948,655
1998	46,449	40,126	46.9	1,880,773	2.52	4,740,361
1999	43,431	35,572	47.8	1,699,989	2.40	4,059,968
	Durum wheat					
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
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	3,310	3,177	27.6	87,783	4.92	422,497
1998	3,805	3,728	37.0	138,119	3.15	452,860
1999	4,035	3,569	27.8	99,322	2.75	298,676
	Other spring wheat [3]					
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
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	17,004	16,612	32.2	535,125	4.59	2,499,324
1996	20,030	19,689	35.1	691,680	4.20	2,844,028
1997	19,117	18,323	29.9	548,155	3.53	1,915,589
1998	15,567	15,148	34.9	528,469	3.00	1,587,402
1999	15,348	14,768	34.1	503,132	3.00	1,544,857

[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, 1990–99

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
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	859,800	570,550	335,250	163,410	1,209,694	920,554	633,949	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	399,920	224,210	1,281,998	1,015,242	766,644	498,268
1998	885,720	680,200	471,220	277,710	1,499,595	1,215,481	979,191	668,208
1999	888,060	648,800	NA	NA	1,556,983	1,230,184	NA	NA

Year beginning September	Durum wheat [2]							
	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
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	16,801	13,752
1995	72,560	47,220	27,250	12,470	24,655	23,886	21,311	12,931
1996	79,700	66,100	33,100	17,800	22,410	19,541	21,855	12,938
1997	51,000	37,000	22,000	13,380	36,712	30,280	20,473	12,448
1998	88,000	75,300	58,200	37,500	37,908	33,300	30,372	17,302
1999	96,900	74,000	NA	NA	39,830	34,449	NA	NA

[1] Includes stocks at mills, elevators, warehouses, terminals, and processors. [2] Included in all wheat. NA-not available.

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Table 1-5.—Wheat: Supply and disappearance, United States, 1989–98

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*
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	2,41 4	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	103	154	1,140	1,241	2,381	376
1996	376	2,277	92	2,746	891	102	308	1,301	1,002	2,302	444
1997	444	2,481	95	3,020	914	92	251	1,257	1,040	2,298	722
1998 [3]	722	2,547	103	3,373	907	81	397	1,384	1,042	2,427	946

[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, 1995–98 [1]

Item	Year beginning June			
	1995	1996	1997	1998
	Million bushels	*Million bushels*	*Million bushels*	*Million bushels*
All wheat:				
Stocks, June 1	507	376	444	722
Production	2,183	2,277	2,481	2,547
Supply [2]	2,757	2,746	3,020	3,373
Exports [3]	1,241	1,002	1,040	1,042
Domestic disappearance	1,140	1,301	1,257	1,385
Stocks, May 31	376	444	722	946
Hard red winter:				
Stocks, June 1	194	154	143	307
Production	825	759	1,098	1,179
Supply [2]	1,019	914	1,242	1,487
Exports [3]	384	286	358	452
Domestic disappearance	481	485	577	600
Stocks, May 31	154	143	307	435
Soft red winter:				
Stocks, June 1	37	35	45	80
Production	456	420	472	443
Supply [2]	492	455	517	523
Exports [3]	250	140	180	103
Domestic disappearance	207	270	257	284
Stocks, May 31	35	45	80	136
Hard red spring:				
Stocks, June 1	193	106	166	220
Production	475	631	491	486
Supply [2]	698	790	714	765
Exports [3]	330	300	240	245
Domestic disappearance	262	324	254	287
Stocks, May 31	106	166	220	233
Durum:				
Stocks, June 1	26	25	31	26
Production	102	116	88	138
Supply [2]	147	165	148	197
Exports [3]	39	38	57	44
Domestic disappearance	82	96	65	98
Stocks, May 31	25	31	26	55
White:				
Stocks, June 1	57	55	59	90
Production	325	352	332	301
Supply [2]	401	422	399	401
Exports [3]	238	237	205	198
Domestic disappearance	108	126	104	116
Stocks, May 31	55	59	90	87

[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, 1997–99

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1997	1998	1999	1997	1998	1999	1997	1998	1999	1997	1998	1999
	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	130	120	140	90	85	90	42.0	42.0	48.0	3,780	3,570	4,320
AZ	100	153	86	98	152	85	89.5	104.2	97.9	8,775	15,840	8,325
AR	880	980	970	820	900	920	48.0	51.0	56.0	39,360	45,900	51,520
CA	655	680	590	544	555	455	76.6	69.5	83.0	41,680	38,550	37,785
CO	3,053	2,812	2,653	2,750	2,610	2,450	32.8	39.6	43.8	90,100	103,470	107,200
DE	75	75	75	73	73	70	73.0	51.0	57.0	5,329	3,723	3,990
FL	20	15	16	17	13	9	39.0	43.0	40.0	663	559	360
GA	400	290	300	350	240	225	44.0	43.0	43.0	15,400	10,320	9,675
ID	1,500	1,350	1,420	1,430	1,280	1,350	79.6	80.0	77.4	113,830	102,410	104,520
IL	1,150	1,250	1,050	1,090	1,200	1,010	61.0	48.0	60.0	66,490	57,600	60,600
IN	700	700	550	630	650	510	58.0	55.0	66.0	36,540	35,750	33,660
IA	27	40	40	25	32	31	42.0	44.0	43.0	1,050	1,408	1,333
KS	11,400	10,700	10,000	10,900	10,100	9,200	46.0	49.0	47.0	501,400	494,900	432,400
KY	650	750	650	420	550	410	54.0	45.0	60.0	22,680	24,750	24,600
LA	130	100	110	115	90	105	37.0	44.0	47.0	4,255	3,960	4,935
MD	215	225	215	210	215	200	68.0	50.0	60.0	14,280	10,750	12,000
MI	530	600	610	520	570	600	62.0	54.0	69.0	32,240	30,780	41,400
MN	2,520	2,015	2,045	2,415	1,982	1,990	32.0	40.6	39.8	77,300	80,444	79,210
MS	200	160	180	175	150	165	43.0	45.0	50.0	7,525	6,750	8,250
MO	1,150	1,350	980	1,080	1,250	920	54.0	46.0	48.0	58,320	57,500	44,160
MT	6,150	5,650	5,560	5,840	5,280	5,320	31.1	32.0	29.0	181,540	168,790	154,310
NE	2,000	1,900	2,000	1,900	1,800	1,800	37.0	46.0	48.0	70,300	82,800	86,400
NV	21	16	17	19	14	15	98.7	88.6	91.7	1,875	1,240	1,375
NJ	40	48	42	38	44	33	60.0	52.0	56.0	2,280	2,288	1,848
NM	430	415	445	285	265	270	35.0	30.0	38.0	9,975	7,950	10,260
NY	135	140	130	130	130	125	56.0	54.0	65.0	7,280	7,020	8,125
NC	730	730	650	670	680	580	51.0	41.0	49.0	34,170	27,880	28,420
ND	11,625	9,770	9,410	11,095	9,610	8,657	24.3	32.0	28.0	269,290	307,700	242,109
OH	1,180	1,200	1,050	1,090	1,160	1,030	63.0	64.0	70.0	68,670	74,240	72,100
OK	6,700	6,600	6,400	5,300	5,100	4,300	32.0	39.0	35.0	169,600	198,900	150,500
OR	955	910	870	935	885	783	64.6	65.0	44.3	60,390	57,490	34,659
PA	180	195	195	175	190	190	52.0	51.0	54.0	9,100	9,690	10,260
SC	310	265	225	300	240	220	50.0	32.0	43.0	15,000	7,680	9,460
SD	4,020	3,425	3,105	3,419	3,294	3,024	28.7	36.7	39.9	98,013	120,884	120,582
TN	550	570	500	360	370	340	45.0	41.0	54.0	16,200	15,170	18,360
TX	6,300	6,100	6,200	4,100	3,900	3,400	29.0	35.0	36.0	118,900	136,500	122,400
UT	195	179	176	189	173	170	46.3	51.1	52.6	8,742	8,834	8,940
VA	280	280	280	260	245	240	67.0	45.0	57.0	17,420	11,025	13,680
WA	2,690	2,670	2,525	2,580	2,565	2,290	64.0	61.4	54.2	165,120	157,425	124,140
WV	13	11	11	9	8	7	54.0	57.0	57.0	486	456	399
WI	163	148	133	152	142	127	56.1	53.8	58.9	8,531	7,635	7,480
WY	260	234	210	242	210	193	31.4	32.3	33.1	7,587	6,790	6,393
US	70,412	65,821	62,814	62,840	59,002	53,909	39.5	43.2	42.7	2,481,466	2,547,321	2,302,443

[1] Includes area planted preceding fall.

NASS, Crops Branch, (202) 720–2127.

Table 1-8.—Wheat, by type: Area, yield, and production, by States, 1997–99

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1997	1998	1999	1997	1998	1999	1997	1998	1999	1997	1998	1999
	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	130	120	140	90	85	90	42.0	42.0	48.0	3,780	3,570	4,320
AZ	10	8	11	9	8	10	85.0	90.0	105.0	765	720	1,050
AR	880	980	970	820	900	920	48.0	51.0	56.0	39,360	45,900	51,520
CA	510	500	500	400	380	370	70.0	60.0	78.0	28,000	22,800	28,860
CO	3,000	2,750	2,600	2,700	2,550	2,400	32.0	39.0	43.0	86,400	99,450	103,200
DE	75	75	75	73	73	70	73.0	51.0	57.0	5,329	3,723	3,990
FL	20	15	16	17	13	9	39.0	43.0	40.0	663	559	360
GA	400	290	300	350	240	225	44.0	43.0	43.0	15,400	10,320	9,675
ID	910	820	760	860	770	710	80.0	82.0	76.0	68,800	63,140	53,960
IL	1,150	1,250	1,050	1,090	1,200	1,010	61.0	48.0	60.0	66,490	57,600	60,600
IN	700	700	550	630	650	510	58.0	55.0	66.0	36,540	35,750	33,660
IA	27	40	40	25	32	31	42.0	44.0	43.0	1,050	1,408	1,333
KS	11,400	10,700	10,000	10,900	10,100	9,200	46.0	49.0	47.0	501,400	494,900	432,400
KY	650	750	650	420	550	410	54.0	45.0	60.0	22,680	24,750	24,600
LA	130	100	110	115	90	105	37.0	44.0	47.0	4,255	3,960	4,935
MD	215	225	215	210	215	200	68.0	50.0	60.0	14,280	10,750	12,000
MI	530	600	610	520	570	600	62.0	54.0	69.0	32,240	30,780	41,400
MN	65	60	40	60	57	35	32.0	27.0	30.0	1,920	1,539	1,050
MS	200	160	180	175	150	165	43.0	45.0	50.0	7,525	6,750	8,250
MO	1,150	1,350	980	1,080	1,250	920	54.0	46.0	48.0	58,320	57,500	44,160
MT	1,600	1,400	1,050	1,450	1,250	970	38.0	39.0	38.0	55,100	48,750	36,860
NE	2,000	1,900	2,000	1,900	1,800	1,800	37.0	46.0	48.0	70,300	82,800	86,400
NV	15	7	11	14	6	10	100.0	100.0	95.0	1,400	600	950
NJ	40	48	42	38	44	33	60.0	52.0	56.0	2,280	2,288	1,848
NM	430	415	445	285	265	270	35.0	30.0	38.0	9,975	7,950	10,260
NY	135	140	130	130	130	125	56.0	54.0	65.0	7,280	7,020	8,125
NC	730	730	650	670	680	580	51.0	41.0	49.0	34,170	27,880	28,420
ND	75	70	60	65	60	57	22.0	35.0	37.0	1,430	2,100	2,109
OH	1,180	1,200	1,050	1,090	1,160	1,030	63.0	64.0	70.0	68,670	74,240	72,100
OK	6,700	6,600	6,400	5,300	5,100	4,300	32.0	39.0	35.0	169,600	198,900	150,500
OR	830	810	710	815	790	630	66.0	67.0	47.0	53,790	52,930	29,610
PA	180	195	195	175	190	190	52.0	51.0	54.0	9,100	9,690	10,260
SC	310	265	225	300	240	220	50.0	32.0	43.0	15,000	7,680	9,460
SD	1,650	1,500	1,300	1,150	1,420	1,260	30.0	43.0	47.0	34,500	61,060	59,220
TN	550	570	500	360	370	340	45.0	41.0	54.0	16,200	15,170	18,360
TX	6,300	6,100	6,200	4,100	3,900	3,400	29.0	35.0	36.0	118,900	136,500	122,400
UT	170	155	150	165	150	145	46.0	50.0	52.0	7,590	7,500	7,540
VA	280	280	280	260	245	240	67.0	45.0	57.0	17,420	11,025	13,680
WA	2,250	2,200	1,900	2,150	2,100	1,670	66.0	65.0	58.0	141,900	136,500	96,860
WV	13	11	11	9	8	7	54.0	57.0	57.0	486	456	399
WI	155	140	125	145	135	120	57.0	55.0	60.0	8,265	7,425	7,200
WY	240	220	200	225	200	185	31.0	32.0	33.0	6,975	6,400	6,105
US	47,985	46,449	43,431	41,340	40,126	35,572	44.6	46.9	47.8	1,845,528	1,880,733	1,699,989
	Durum wheat											
AZ	90	145	75	89	144	75	90.0	105.0	97.0	8,010	15,120	7,275
CA	145	180	90	144	175	85	95.0	90.0	105.0	13,680	15,750	8,925
MN	5	5	5	5	5	5	36.0	37.0	32.0	180	185	160
MT	300	450	360	290	430	350	26.0	28.0	27.0	7,540	12,040	9,450
ND	2,750	3,000	3,450	2,630	2,950	3,000	22.0	32.0	24.0	57,860	94,400	72,000
SD	20	25	55	19	24	54	27.0	26.0	28.0	513	624	1,512
US	3,310	3,805	4,035	3,177	3,728	3,569	27.6	37.0	27.8	87,783	138,119	99,322
	Other spring wheat											
CO	53	62	53	50	60	50	74.0	67.0	80.0	3,700	4,020	4,000
ID	590	530	660	570	510	640	79.0	77.0	79.0	45,030	39,270	50,560
MN	2,450	1,950	2,000	2,350	1,920	1,950	32.0	41.0	40.0	75,200	78,720	78,000
MT	4,250	3,800	4,150	4,100	3,600	4,000	29.0	30.0	27.0	118,900	108,000	108,000
NV	6	9	6	5	8	5	95.0	80.0	85.0	475	640	425
ND	8,800	6,700	5,900	8,400	6,600	5,600	25.0	32.0	30.0	210,000	211,200	168,000
OR	125	100	160	120	95	153	55.0	48.0	33.0	6,600	4,560	5,049
SD	2,350	1,900	1,750	2,250	1,850	1,710	28.0	32.0	35.0	63,000	59,200	59,850
UT	25	24	26	24	23	25	48.0	58.0	56.0	1,152	1,334	1,400
WA	440	470	625	430	465	620	54.0	45.0	44.0	23,220	20,925	27,280
WI	8	8	8	7	7	7	38.0	30.0	40.0	266	210	280
WY	20	14	10	17	10	8	36.0	39.0	36.0	612	390	288
US	19,117	15,567	15,348	18,323	15,148	14,768	29.9	34.9	34.1	548,155	528,469	503,132

[1] Includes area planted preceding fall.

NASS, Crops Branch, (202) 720–2127.

Table 1-9.—Wheat: Support operations, United States, 1990–99

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*
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	9.7	0	150
1993/94	1.03	2.45	4.00	258	10.8	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	264	10.6	2	94
1998/99	0.663	2.58	NA	361	14.2	30	128
1999/2000 ...	0.637	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) 720–4146.

Table 1-10.—Wheat: Marketing year average price and value, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per bushel			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	3.20	2.65	2.40	12,096	9,461	10,368
AZ	4.70	4.40	4.10	40,745	70,380	33,136
AR	3.49	2.73	2.25	137,366	125,307	115,920
CA	3.82	3.02	2.90	162,430	127,811	114,277
CO	3.17	2.49	2.50	285,580	257,118	267,600
DE	3.07	2.35	2.20	16,360	8,749	8,778
FL	3.40	2.50	2.45	2,254	1,398	882
GA	3.19	2.60	2.30	49,126	26,832	22,253
ID	3.12	2.38	2.85	355,150	241,741	297,542
IL	3.14	2.35	2.10	208,779	135,360	127,260
IN	3.18	2.36	2.15	116,197	84,370	72,369
IA	3.16	2.73	1.60	3,318	3,872	2,133
KS	3.16	2.53	2.35	1,584,424	1,252,097	1,016,140
KY	3.24	2.26	2.15	73,483	55,935	52,890
LA	3.50	2.75	2.30	14,893	10,890	11,351
MD	3.15	2.37	2.25	44,982	25,478	27,000
MI	3.26	2.33	2.15	105,102	71,717	89,010
MN	3.52	3.09	3.05	272,592	247,509	240,868
MS	3.17	2.39	2.40	23,854	16,133	19,800
MO	3.09	2.31	2.15	180,209	132,825	94,944
MT	3.62	3.03	3.20	652,059	513,429	492,812
NE	3.20	2.54	2.30	224,960	210,312	198,720
NV	3.25	2.30	2.65	6,094	2,854	3,639
NJ	3.20	2.46	2.20	7,296	5,628	4,066
NM	3.25	2.65	2.40	32,419	21,068	24,624
NY	3.35	2.13	2.00	24,388	14,953	16,250
NC	3.20	2.55	2.20	109,344	71,094	62,524
ND	3.82	3.03	2.95	1,019,426	930,897	716,094
OH	3.16	2.26	2.10	216,997	167,782	151,410
OK	3.21	2.57	2.35	544,416	511,173	353,675
OR	3.55	2.63	3.05	213,705	151,171	104,734
PA	3.37	2.59	2.50	30,667	25,097	25,650
SC	3.20	2.60	2.30	48,000	19,968	21,758
SD	3.41	2.74	2.70	334,686	326,626	316,588
TN	3.30	2.61	2.25	53,460	39,594	41,310
TX	3.25	2.66	2.35	386,425	363,090	287,640
UT	3.32	2.94	2.55	29,015	25,727	23,190
VA	3.05	2.41	2.00	53,131	26,570	27,360
WA	3.39	2.63	3.05	560,608	414,218	379,240
WV	3.25	2.29	2.15	1,580	1,044	858
WI	3.00	2.15	1.70	25,593	16,416	12,716
WY	3.10	2.49	2.20	23,532	16,929	14,122
US	3.38	2.65	2.55	8,286,741	6,780,623	5,903,501

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-11.—Wheat: Area, yield, and production in specified countries, 1996/97–1998/99 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]
	1,000 hec-tares	*1,000 hec-tares*	*1,000 hec-tares*	*Metric tons*	*Metric tons*	*Metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
North America:									
Canada	12,262	11,410	10,769	2.43	2.13	2.24	29,801	24,280	24,076
Mexico	809	801	770	3.84	4.54	4.22	3,107	3,639	3,250
UnitedStates	25,422	25,431	23,877	2.44	2.66	2.90	61,980	67,534	69,327
Total	38,493	37,642	35,416	2.47	2.54	2.73	94,888	95,453	96,653
South America:									
Argentina	7,100	5,700	5,133	2.24	2.60	2.34	15,900	14,800	12,000
Bolivia	130	190	130	0.77	0.79	0.96	100	150	125
Brazil	1,833	1,510	1,425	1.74	1.58	1.54	3,195	2,380	2,200
Chile	418	384	339	4.01	4.38	3.53	1,677	1,682	1,197
Colombia	22	19	13	2.05	1.58	1.92	45	30	25
Ecuador	30	25	25	0.53	0.60	0.60	16	15	15
Paraguay	230	225	200	2.28	1.78	1.25	525	400	250
Peru	115	110	110	1.20	1.09	1.18	138	120	130
Uruguay	250	245	195	2.6	2.06	2.67	650	505	520
Total	10,128	8,408	7,570	2.20	2.39	2.17	22,246	20,082	16,462
Europe:									
Austria	247	260	266	5.02	5.20	5.05	1,239	1,352	1,342
Belgium-Lux-embourg	220	230	235	7.95	7.39	7.23	1,750	1,700	1,700
Denmark	681	689	680	6.99	7.21	7.25	4,757	4,965	4,928
Finland	112	125	137	4.10	3.71	2.92	459	464	400
France	5,024	5,108	5,234	7.15	6.61	7.60	35,940	33,764	39,793
Germany	2,594	2,720	2,801	7.29	7.29	7.20	18,922	19,827	20,178
Greece	660	710	750	1.89	2.25	2.44	1,250	1,600	1,830
Ireland	85	91	83	8.66	7.24	7.83	736	659	650
Italy	2,408	2,368	2,305	3.22	2.79	3.44	7,746	6,601	7,939
Netherlands	142	141	137	8.94	7.54	7.82	1,269	1,063	1,072
Portugal	238	260	147	1.71	1.25	0.97	406	325	143
Spain	2,022	2,050	1,875	2.92	2.26	2.85	5,900	4,643	5,347
Sweden	328	345	398	6.19	6.38	5.65	2,030	2,200	2,249
United Kingdom	1,976	2,036	2,045	8.15	7.38	7.56	16,102	15,018	15,465
Total EU	16,737	17,133	17,093	5.89	5.50	6.03	98,506	94,181	103,036
Norway	66	59	59	4.97	4.34	4.37	328	256	258
Switzerland	101	102	98	6.12	6.59	6.24	618	672	612
Total W. Europe	167	161	157	5.66	5.76	5.54	946	928	870
Albania	118	130	130	2.68	2.85	2.85	316	370	370
Bulgaria	900	1,100	1,100	2.00	2.95	3.00	1,800	3,250	3,300
Czech Republic	799	826	912	4.66	4.41	4.22	3,727	3,640	3,845
Hungary	1,193	1,250	1,183	3.27	4.22	4.14	3,900	5,270	4,895
Poland	2,480	2,555	2,631	3.46	3.21	3.62	8,579	8,193	9,537
Romania	1,800	2,350	1,970	1.76	3.06	2.64	3,165	7,186	5,200
Slovakia	415	413	429	4.13	4.57	4.17	1,713	1,886	1,789
Yugoslavia	1,020	1,240	1,300	2.87	3.67	3.69	2,925	4,550	4,800
Total E. Europe	8,725	9,864	9,655	2.99	3.48	3.49	26,125	34,345	33,736
Fmr. Soviet Union:.									
Azerbaijan	454	500	540	1.67	1.85	1.76	759	925	950
Armenia	92	115	110	2.18	1.74	2.27	201	200	250
Byelarus	273	300	350	2.20	2.50	2.29	600	750	800
Estonia	47	50	50	2.15	2.00	2.00	101	100	100
Georgia	80	175	110	1.34	1.83	2.27	107	320	250
Kyrgyzstan	452	550	435	2.30	2.50	2.99	1,041	1,375	1,300
Kazakhstan	12,200	11,500	9,100	0.63	0.78	0.52	7,700	8,950	4,700
Latvia	125	150	150	2.86	2.63	2.67	358	395	400
Lithuania	348	374	375	2.69	2.81	2.67	936	1,050	1,000
Moldova	338	355	333	2.32	3.46	3.00	784	1,227	1,000
Russian Fed.	25,721	26,100	26,000	1.36	1.69	1.03	34,900	44,200	26,900
Tajikistan	224	232	230	1.00	1.08	1.09	225	250	250
Turkmenistan	450	470	500	1.00	1.36	2.20	450	640	1,100
Ukraine	5,892	6,508	5,638	2.30	2.83	2.65	13,550	18,404	14,937
Uzbekistan	1,350	1,450	1,300	2.00	2.14	2.77	2,700	3,100	3,600
Total	48,046	48,829	45,221	1.34	1.68	1.27	64,412	81,886	57,537

See footnotes at end of table.

Table 1-11.—Wheat: Area, yield, and production in specified countries, 1996/97–1998/99 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	2,278	830	2,000	1.31	0.81	1.10	2,980	670	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	1,016	1,044	1,017	5.64	5.60	5.99	5,735	5,850	6,093
Ethiopia	1,100	1,100	1,100	1.09	1.00	1.32	1,200	1,100	1,450
Kenya	140	150	145	2.06	2.33	2.07	288	350	300
Lesotho	30	20	20	1.00	0.75	1.25	30	15	25
Libya	280	290	290	0.46	0.55	0.55	130	160	160
Morocco	3,213	2,493	3,087	1.84	0.93	1.42	5,916	2,317	4,378
Mozambique	3	3	3	1.00	1.00	1.00	3	3	3
Nigeria	30	30	35	1.17	0.67	1.14	35	20	40
South Africa, Rep. of	1,294	1,382	748	2.10	1.77	2.27	2,712	2,450	1,700
Sudan	315	330	275	1.75	1.97	2.18	550	650	600
Tanzania, United Rep. of	60	35	75	1.42	1.29	1.33	85	45	100
Tunisia	1,100	820	903	1.82	1.16	1.50	2,000	950	1,353
Zaire	10	10	10	1.50	1.00	1.00	15	10	10
Zambia	20	15	15	3.00	4.67	4.67	60	70	70
Zimbabwe	58	52	60	4.31	5.19	5.17	250	270	310
Total	10,956	8,613	9,792	2.01	1.73	1.92	21,999	14,940	18,802
Asia:									
Afghanistan	2,000	2,125	2,125	1.33	1.28	1.32	2,650	2,710	2,800
Bangladesh	701	708	805	1.95	2.05	2.24	1,370	1,454	1,803
Burma	140	140	140	1.07	1.07	1.07	150	150	150
Bhutan	13	13	13	1.54	1.54	1.54	20	20	20
China, Peoples Repu	29,610	30,057	29,774	3.73	4.10	3.69	110,570	123,300	109,730
Cyprus	10	10	10	1.00	1.00	1.00	10	10	10
India	25,011	25,887	26,686	2.48	2.68	2.47	62,097	69,350	65,907
Iran	6,360	6,300	6,600	1.73	1.59	1.82	11,000	10,000	12,000
Israel	80	70	80	1.85	1.66	1.56	148	116	125
Iraq	1,700	1,500	1,600	0.82	0.73	0.81	1,400	1,100	1,300
Japan	159	158	162	3.01	3.63	3.51	478	573	569
Jordan	46	62	52	1.24	0.97	1.15	57	60	60
Korea, Democratic Pe	70	70	90	1.07	1.07	1.11	75	75	100
Korea, Republic of	3	2	2	3.67	3.50	3.50	11	7	7
Lebanon	10	10	10	2.10	2.00	2.00	21	20	20
Mongolia	300	300	300	0.73	0.73	0.73	220	220	220
Nepal	650	670	630	1.54	1.60	1.63	1,000	1,075	1,030
Pakistan	8,376	8,110	8,355	2.02	2.05	2.24	16,907	16,650	18,694
Saudi Arabia	265	336	335	4.53	5.36	5.37	1,200	1,800	1,800
Syria	1,619	1,761	1,700	2.52	1.72	2.42	4,080	3,031	4,112
Taiwan	1	0	0	3.00	0	0	3	0	0
Turkey	8,450	8,500	8,550	1.89	1.88	2.16	16,000	16,000	18,500
Yemen	90	85	85	1.66	1.52	1.53	149	129	130
Total	85,664	86,874	88,104	2.68	2.85	2.71	229,616	247,850	239,087
Oceania:									
Australia	11,337	10,311	11,583	2.09	1.88	1.91	23,702	19,417	22,110
New Zealand	58	54	55	5.52	5.46	5.00	320	295	275
Total	11,395	10,365	11,638	2.11	1.90	1.92	24,022	19,712	22,385
World Total	230,309	227,890	224,665	2.53	2.67	2.62	582,751	609,330	588,656

[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, 1989–98

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*
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	108,859
1994	70,561	8,073	13,313	91,947
1995	47,753	6,687	13,493	67,933
1996	71,727	6,386	14,220	92,333
1997	73,245	6,055	15,623	94,923
1998	79,766	7,423	15,815	103,004

[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) 694–5302.

Table 1-13.—Wheat and wheat flour: United States food aid under specified Government programs, 1992-98

Year	Public Law 480			Section 416(b) [4]	Food for progress			Commodity totals
	Title I [1]	Title II [2]	Title III [3]		Title I [5]	Section 416(b) [6]	CCC Purchases [7]	
	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*
1992	1,265	718	973	0	307	0	30	3,293
1993	873	723	49	0	0	0	11	1,656
1994	540	758	35	0	373	0	32	1,738
1995	289	609	332	0	352	0	67	1,648
1996	346	530	22	0	227	0	81	1,206
1997	511	647	0	0	11	0	30	1,199
1998	803	635	140	0	211	0	132	1,920

[1] P.L. 480 Title I - Based on Program Summary as of October 19, 1998. The total does not reflect oceans freight costs. [2] P.L. 480, Title II - Based on Approved Program Summary as of October 29, 1998. The total does not reflect freight costs. [3] P.L. 480, Title III: Based on Approved Program as of October 29, 1998. The total does not reflect freight costs. [4] Section 416 (b): Regular 416 - Based on Extel Database as of October 29, 1998. [5] Food for Progress: Title I - Based on P.L. 480, Title I Program Summary as of October 19, 1998. The total does not reflect freight costs. [6] Section 416 (b) - Based on Extel Database as of October 29, 1998. [7] CCC Purchases - Based on Extel Database as of October 29, 1998.

FAS, CCC Program Support Division, (202) 720–9843.

Table 1-14.—Wheat and flour:[1] International trade, 1996/97–1998/99[2]

Country	1996/97	1997/98	1998/99[3]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Principal exporters:			
Argentina	10,073	9,566	8,700
Australia	18,223	15,398	16,000
Canada	18,167	21,283	14,388
India	866	0	0
Kazakstan	2,026	3,375	2,072
Syria	500	796	700
Turkey	967	1,306	3,000
European Union	17,834	14,196	16,000
Eastern Europe	1,526	2,905	3,900
Others	4,701	5,119	7,315
Subtotal	74,883	73,944	72,075
United States	27,093	28,090	29,035
Total	101,976	102,034	101,110
Principal importers:			
Algeria	3,628	5,221	4,400
Bangladesh	957	839	2,200
Bolivia	387	287	225
Brazil	5,662	5,758	7,290
Chile	439	490	700
China	2,692	1,914	1,000
Columbia	938	1,048	1,100
Cuba	951	943	950
Ecuador	442	407	400
Egypt	6,893	7,156	7,300
Ethiopia	148	417	450
Georgia	614	598	600
India	1,781	2,344	1,092
Indonesia	4,200	3,665	3,000
Iran	7,048	3,587	3,000
Iraq	1,135	2,707	2,500
Israel	958	1,297	1,500
Japan	6,264	6,200	5,883
Jordan	599	691	700
Korea, North	495	674	550
Korea, South	3,465	3,917	4,689
Lebanon	401	468	475
Libya	1,379	1,311	1,400
Malaysia	1,236	1,160	1,300
Mexico	1,940	2,166	2,500
Morocco	1,558	2,568	2,800
Nigeria	956	1,099	1,500
Pakistan	3,018	3,562	3,200
Peru	1,290	1,259	1,300
Philippines	2,174	1,960	2,300
Russia	2,572	3,028	2,500
South Africa	958	663	585
Sri Lanka	889	761	875
Taiwan	1,025	1,027	1,000
Thailand	694	653	725
Tunisia	978	1,461	1,100
Turkey	2,578	1,570	1,600
UAE	605	694	650
Ukraine	200	93	100
Uzbekistan	1,033	729	400
Venezuela	1,204	1,224	1,275
Vietnam	440	585	500
Yemen	2,292	2,366	2,100
European Union	2,442	3,858	3,800
Other Western Europe	514	492	520
Eastern Europe	5,285	1,837	2,100
United States	2,577	2,488	2,850
Subtotal	89,934	89,242	88,984
Other Countries	10,881	11,015	10,882
Unaccounted	1,161	1,777	1,244
Total	101,976	102,034	101,110

[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, 1997/98 and 1998/99

Country of destination	Year[2] 1997/98	Year[2] 1998/99
	1,000 metric tons	*1,000 metric tons*
Wheat:		
Mexico	1,257	1,705
Central America	791	670
Caribbean	634	687
Brazil	0	16
Chile	52	156
Colombia	450	599
Ecuador	217	130
Peru	214	703
Venezuela	567	642
Other Americas	139	120
Total Americas	4,321	5,428
Europe:		
Belgium and Luxembourg	167	229
Germany	0	2
Italy	564	606
Netherlands	39	1
Norway	44	39
Spain	254	300
Switzerland	26	32
United Kingdom	149	125
Other Europe	229	233
Former Soviet Union	448	813
Total Europe and Soviet Union	1,420	2,380
India	0	0
Israel	808	765
Japan	3,263	3,061
Korea, Rep. of	1,443	1,642
Pakistan	2,072	867
Philippines	1,488	1,609
China	323	366
Taiwan	990	914
Other Asia	67	1,334
Algeria	273	475
Morocco	488	208
South Africa	133	76
Tunisia	505	0
Other Africa	6,432	6,665
Other countries	3,145	2,046
World total	27,671	27,836
Wheat flour:		
Central America	0	35
Other Caribbean	196	219
Bolivia	46	30
Colombia	2	2
Other Americas	109	147
Total Americas	353	433
Greece	0	3
Netherlands	7	5
Other Europe	31	119
Total Europe	38	127
Sri Lanka	0	0
Japan	3	3
Jordan	0	0
Philippines	0	0
Other Asia	46	153
Total Asia	49	156
Egypt	0	16
Morocco	0	0
Other Africa	129	149
Total Africa	129	165
Oceania	4	3
World total	653	1,072

[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, 1990–99

Year	Area: Planted[1]	Area: Harvested	Yield per harvested acre	Production	Marketing year average price per bushel received by farmers[2]	Value of production[2]
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*
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	1,457	345	25.9	8,936	3.70	33,118
1997	1,400	316	25.7	8,132	3.75	30,120
1998	1,566	418	29.1	12,161	2.49	30,404
1999	1,582	383	28.7	10,993	2.28	25,054

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

NASS, Crops Branch, (202) 720–2127.

Table 1-17.—Rye: Supply and disappearance, United States, 1989–98

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*
1989	10,300	13,647	31	23,977	3,500	3,000	2,000	9,068	17,568	788	18,356	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	3,419	3,000	2,000	6,065	14,484	14	14,498	1,555
1993	1,555	10,340	4,607	16,502	3,538	3,000	2,000	6,977	15,515	16	15,531	971
1994	971	11,341	4,386	16,698	3,312	3,000	2,000	6,900	15,212	35	15,247	1,451
1995	1,451	10,064	3,760	15,275	3,318	3,000	2,000	6,018	14,336	41	14,377	898
1996	898	8,936	4,327	14,161	3,459	3,000	2,000	4,916	13,375	32	13,407	754
1997	754	8,132	5,562	14,448	3,298	2,000	3,000	5,306	13,604	80	13,684	764
1998 [2] ..	764	12,161	3,322	16,247	3,639	3,000	3,000	4,392	14,031	33	14,064	2,183

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

ERS, Market and Trade Economics Division, (202) 694–5302.

Table 1-18.—Rye: Support operations, United States, 1990–99

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*
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])	.....	.....	.....	.....
1998/99	([4])	.....	.....	.....	.....
1999/2000	([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) 720–8838.

Table 1-19.—Rye: Area, yield, and production, by States, 1997–99

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1997	1998	1999	1997	1998	1999	1997	1998	1999	1997	1998	1999
	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	28	33	28	2	3	2	27.0	28.0	33.0	54	84	66
GA	300	250	230	65	50	50	22.0	21.0	21.0	1,430	1,050	1,050
IL	55	50	40	8	9	7	30.0	37.0	29.0	240	333	203
IN	15	15	20	2	2	2	32.0	38.0	35.0	64	76	70
KS	50	80	90	10	15	10	30.0	25.0	30.0	300	375	300
MD	25	25	30	3	3	5	25.0	32.0	31.0	75	96	155
MI	75	65	105	15	15	21	30.0	28.0	36.0	450	420	756
MN	20	30	30	16	27	25	25.0	31.0	31.0	400	837	775
NE	35	30	45	12	12	15	20.0	24.0	24.0	240	288	360
NJ	20	38	20	5	5	4	35.0	33.0	30.0	175	165	120
NY	40	50	45	7	15	15	33.0	35.0	38.0	231	525	570
NC	80	90	100	15	20	28	28.0	22.0	23.0	420	440	644
ND	22	65	40	19	61	37	27.0	42.0	41.0	513	2,562	1,517
OH	30	35	35	4	4	4	30.0	35.0	36.0	120	140	144
OK	200	300	300	60	70	55	18.0	22.0	19.0	1,080	1,540	1,045
PA	50	60	65	10	15	15	40.0	33.0	40.0	400	495	600
SC	35	30	35	10	20	20	25.0	20.0	25.0	250	400	500
SD	30	40	24	26	35	23	28.0	40.0	44.0	728	1,400	1,012
TX	130	120	140	10	20	25	33.0	20.0	18.0	330	400	450
VA	80	80	80	5	5	8	40.0	35.0	34.0	200	175	272
WI	80	80	80	12	12	12	36.0	30.0	32.0	432	360	384
US	1,400	1,566	1,582	316	418	383	25.7	29.1	28.7	8,132	12,161	10,993

[1] Includes area planted preceding fall.

NASS, Crops Branch, (202) 720–2127.

Table 1-20.—Rye: Marketing year average price and value, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per bushel			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
CO	3.30	1.80	1.40	178	151	92
GA	5.00	3.40	5.00	7,150	3,570	5,250
IL	2.90	2.20	1.95	696	733	396
IN	2.90	2.30	1.60	186	175	112
KS	3.60	2.20	1.80	1,080	825	540
MD	2.45	2.30	2.05	184	221	318
MI	2.90	2.50	1.70	1,305	1,050	1,285
MN	3.10	1.90	1.30	1,240	1,590	1,008
NE	3.60	1.80	1.40	864	518	504
NJ	3.60	3.00	2.90	630	495	348
NY	2.10	2.00	1.50	485	1,050	855
NC	2.60	2.40	2.05	1,092	1,056	1,320
ND	3.12	2.07	1.40	1,601	5,303	2,124
OH	3.05	2.20	1.90	366	308	274
OK	4.50	3.50	4.00	4,860	5,390	4,180
PA	3.75	3.50	2.50	1,500	1,733	1,500
SC	3.00	2.50	2.30	750	1,000	1,150
SD	3.60	1.90	1.45	2,621	2,660	1,467
TX	3.90	3.90	2.75	1,287	1,560	1,238
VA	2.45	2.00	1.90	490	350	517
WI	3.60	1.85	1.50	1,555	666	576
US	3.75	2.49	2.28	30,120	30,404	25,054

[1] Preliminary.

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

Table 1-21.—Rye: Area, yield, and production in specified countries, 1996/97–1998/99 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	162	162	204	1.91	1.98	1.95	309	320	398
United States	140	128	169	1.62	1.62	1.78	227	207	300
Total	302	290	373	1.77	1.82	1.87	536	527	698
South America:									
Argentina	39	60	60	0.92	1.03	1.08	36	62	65
Brazil	10	10	10	0.80	1.20	1.20	8	12	12
Chile	5	5	5	2.00	2.00	2.00	10	10	10
Total	54	75	75	1.00	1.12	1.16	54	84	87
Europe:									
Austria	51	57	55	2.96	3.63	4.29	151	207	236
Belgium-Luxembourg	3	3	3	4.00	4.00	4.00	12	12	12
Denmark	72	84	105	4.76	5.39	5.12	343	453	538
Finland	35	23	36	2.49	2.04	1.39	87	47	50
France	49	47	46	4.59	4.40	4.70	225	207	216
Germany	809	847	936	5.21	5.41	5.10	4,214	4,580	4,774
Greece	18	17	17	2.22	2.35	2.35	40	40	40
Italy	8	8	8	2.50	2.50	2.50	20	20	20
Netherlands	7	5	6	5.00	5.60	5.00	35	28	30
Portugal	60	60	55	0.85	0.67	0.64	51	40	35
Spain	170	152	150	1.74	1.48	1.50	295	225	225
Sweden	33	29	35	5.52	5.17	4.60	182	150	161
United Kingdom	5	5	5	5.00	5.00	5.00	25	25	25
Total EU	1,320	1,337	1,457	4.30	4.51	4.37	5,680	6,034	6,362
Norway	4	4	4	3.00	3.25	4.00	12	13	16
Switzerland	7	7	3	6.57	6.57	6.67	46	46	20
Total W. Europe	11	11	7	5.27	5.36	5.14	58	59	36
Albania	10	10	10	1.00	1.00	1.00	10	10	10
Bulgaria	15	18	10	1.07	1.50	1.10	16	27	11
Czech Republic	64	76	72	3.19	3.41	3.63	204	259	261
Hungary	70	70	62	1.43	2.00	2.08	100	140	129
Poland	2,415	2,298	2,291	2.34	2.31	2.47	5,652	5,300	5,664
Romania	25	23	22	1.92	2.17	2.05	48	50	45
Slovakia	29	30	34	2.45	2.80	2.82	71	84	96
Yugoslavia	31	30	30	1.94	2.00	2.00	60	60	60
Total E. Europe	2,659	2,555	2,531	2.32	2.32	2.48	6,161	5,930	6,276
Fmr. Soviet Union:.									
Byelarus	867	890	900	2.07	2.36	1.78	1,794	2,100	1,600
Estonia	31	30	30	2.00	2.00	2.00	62	60	60
Georgia	0	1	0	0	0	0	0	0	0
Kazakhstan	108	70	70	0.27	0.86	0.86	29	60	60
Latvia	50	50	50	2.26	2.66	2.60	113	133	130
Lithuania	152	157	160	1.89	1.91	1.88	287	300	300
Moldova	0	1	0	0	0	0	0	0	0
Russian Fed.	4,129	4,000	3,800	1.43	1.88	0.87	5,900	7,500	3,300
Tajikistan	0	1	0	0	0	0	0	0	0
Ukraine	627	696	696	1.75	1.94	1.64	1,100	1,348	1,140
Uzbekistan	5	3	3	1.60	1.67	1.67	8	5	5
Total	5,969	5,899	5,709	1.56	1.95	1.16	9,293	11,506	6,595
Asia:									
Turkey	148	147	147	1.66	1.6	1.61	245	235	237
Oceania:									
Australia	35	35	35	0.57	0.57	0.57	20	20	20
World Total	10,518	10,369	10,254	2.10	2.35	1.98	22,050	24,398	20,314

[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, 1990–99

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*
1990	2,897.0	2,823.0	5,529	156,088	6.68	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	2,824.0	2,804.0	6,120	171,599	9.96	1,690,270
1997	3,125.0	3,103.0	5,897	182,992	9.70	1,756,136
1998	3,345.0	3,317.0	5,669	188,051	8.89	1,686,580
1999	3,581.0	3,562.0	5,908	210,458	6.00	1,257,071

NASS, Crops Branch, (202) 720–2127.

Table 1-23.—Rice, rough: Stocks on and off farms, United States, 1991–2000

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.
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	33,470	21,205	1,136	90,873	66,846	19,855
1999-2000	35,584	22,290	1,560	85,394	57,960	15,066
2000-2001 [2]	50,762	NA	NA	89,191	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, 1990–99

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.*
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	1,967.0	822.0	15.0	5,777	6,922	7,127	113,629	56,901	1,069
1997	2,309.0	776.0	18.0	5,391	7,357	7,867	124,485	57,091	1,416
1998	2,608.0	671.0	38.0	5,430	6,625	5,195	141,624	44,453	1,974
1999	2,738.0	762.0	62.0	5,629	6,824	6,974	154,134	52,000	4,324

NASS, Crops Branch, (202) 720–2127.

Table 1-25.—Rice, rough, by length of grain: Stocks in all positions, United States, 1991–2000

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]
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	78,329	53,329	9,863	(3)	44,477	33,596	10,640	4,368	1,537	1,126	488	(3)
1999	84,346	57,636	10,947	(3)	34,774	21,329	5,037	861	1,858	1,285	642	(3)
2000 [2] ..	96,960	NA	NA	NA	39,601	NA	NA	NA	3,392	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, 1989–98 [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.*
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	8.0	231.6	74.0	14.5	3.9	9.9	102.2	98.1	200.3	31.3
1995	31.3	173.9	7.7	212.8	78.0	15.6	3.5	8.5	105.6	82.2	187.8	25.0
1996	25.0	171.6	10.5	207.1	81.0	15.8	3.9	2.0	102.7	77.2	179.9	27.2
1997	27.2	183.0	9.2	219.4	84.2	16.0	4.1	0.2	104.6	86.9	191.5	27.9
1998 [4]	27.9	188.1	10.5	226.5	87.3	16.0	4.4	11.4	119.1	85.3	204.4	22.1

[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, 1997–99

State	Area harvested			Yield per acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [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	1,160.0	1,323.0	1,394.0	5,620	5,740	5,840	65,192	75,940	81,410
CA	9.0	9.0	5.0	7,700	5,970	6,800	693	537	340
LA	533.0	590.0	581.0	4,640	4,530	5,000	24,731	26,727	29,050
MS	238.0	268.0	323.0	5,800	5,800	5,650	13,804	15,544	18,250
MO	115.0	140.0	182.0	5,300	5,200	5,400	6,095	7,280	9,828
TX	254.0	278.0	253.0	5,500	5,610	6,030	13,970	15,596	15,256
US	2,309.0	2,608.0	2,738.0	5,391	5,430	5,629	124,485	141,624	154,134
	Medium grain								
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
AR	228.0	200.0	249.0	6,100	6,200	6,230	13,908	12,400	15,513
CA	491.0	433.0	470.0	8,260	6,990	7,300	40,557	30,267	34,310
LA	50.0	30.0	35.0	4,500	4,600	5,070	2,250	1,380	1,775
MO	2.0	3.0	2.0	5,300	5,200	5,400	106	156	108
TX	5.0	5.0	6.0	5,400	5,000	4,900	270	250	294
US	776.0	671.0	762.0	7,357	6,625	6,824	57,091	44,453	52,000
	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	4,000	6,200	120	80	124
CA	16.0	36.0	60.0	8,100	5,260	7,000	1,296	1,894	4,200
US	18.0	38.0	62.0	7,867	5,195	6,974	1,416	1,974	4,324

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-28.—Rice: Area, yield, and production, by States, 1997–99

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [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	1,400.0	1,540.0	1,650.0	1,390.0	1,525.0	1,645.0	5,700	5,800	5,900	79,220	88,420	97,047
CA	518.0	480.0	540.0	516.0	478.0	535.0	8,250	6,840	7,260	42,546	32,698	38,850
LA	585.0	625.0	620.0	583.0	620.0	616.0	4,630	4,530	5,000	26,981	28,107	30,825
MS	240.0	270.0	325.0	238.0	268.0	323.0	5,800	5,800	5,650	13,804	15,544	18,250
MO	122.0	145.0	186.0	117.0	143.0	184.0	5,300	5,200	5,400	6,201	7,436	9,936
TX	260.0	285.0	260.0	259.0	283.0	259.0	5,500	5,600	6,000	14,240	15,846	15,550
US	3,125.0	3,345.0	3,581.0	3,103.0	3,317.0	3,562.0	5,897	5,669	5,908	182,992	188,051	210,458

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-29.—Rice: Marketing year average price and value, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per cwt.			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AR	9.87	8.87	6.00	781,901	784,285	582,282
CA	7.95	9.19	6.40	338,241	300,495	248,640
LA	10.20	8.87	5.90	275,206	249,309	181,868
MS	10.40	8.99	5.25	143,562	139,741	95,813
MO	10.00	8.75	6.10	62,010	65,065	60,610
TX	10.90	9.32	5.65	155,216	147,685	87,858
US	9.70	8.89	6.00	1,756,136	1,686,580	1,257,071

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-30.—Rice, milled, by length of grain: Stocks in all positions, United States, 1991–2000

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]
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	3,443	3,871	3,228	37	1,248	1,080	728	313	46	35	100	25
1999	2,980	2,361	2,159	21	1,613	1,114	657	301	30	62	131	49
2000 [2] ..	2,732	NA	NA	NA	770	NA	NA	NA	63	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]
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	642	711	524	273	27	27	33	.....	276	155	182	14
1999	662	612	588	30	29	92	102	.....	102	103	140	12
2000 [2] ..	608	NA	NA	NA	64	NA	NA	.....	348	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 food aid under specified Government programs, 1992-99

Year	Public Law 480			Section 416(b) [4]	Food for progress			Commodity totals
	Title I [1]	Title II [2]	Title III [3]		Title I [5]	Section 416(b) [6]	CCC Purchases [7]	
	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*
1992	103	188	91	0	0	0	22	404
1993	126	216	80	0	81	0	97	599
1994	111	157	47	0	0	0	6	321
1995	87	44	0	0	0	0	20	151
1996	152	48	0	0	0	0	12	212
1997	161	43	0	0	0	0	14	218
1998	44	140	0	0	0	0	11	195
1999	336	200	0	0	14	0	34	584

[1] P.L. 480 Title I - Based on Program Summary as of September 25, 1999, and the food assistance package announced by the Secretary of Agriculture on Nov. 6, 1998. The total does not reflect ocean freight financing of $66.9 million. [2] P.L. 480, Title II - Based on Approved Program Summary Country/Sponsor/Commodity Profile as of October 4, 1999. For Title II the total does not reflect ocean freight costs of $386.1 million. [3] P.L. 480, Title III: Based on Approved Program Summary Country/Sponsor/Commodity Profile as of October 4, 1999. The total does not reflect freight cost. [4] Section 416 (b): Regular 416 - Based on 416(b) Status Report as of November 4, 1999. [5] Food for Progress: Title I - Based on P.L. 480, Title I Program Summary as of September 25, 1999. The total does not reflect oceans freight grants of $27.1 million. [6] Section 416 (b) - Based on 416(b) Status Report as of November 4, 1999. [7] CCC Purchases - Based on Extel Database as of November 4, 1999.

FAS, CCC Program Support Division, (202) 720–9843.

Table 1-32.—Rice, rough: Support operations, United States, 1990–99

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*
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	70.1	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	38.9	0.0	0.0
1997/98	2.71	6.50	NA	67.6	36.8	0.0	0.0
1998/99	2.92	6.50	NA	80.2	42.7	0.0	0.0
1999/2000	2.82	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, 1996–98 [1]

Country of destination	Year		
	1996	1997	1998
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Canada	165	169	170
Mexico	301	285	293
Bahamas	8	7	7
Dominican Republic	3	68	66
Haiti	163	167	181
Jamaica	66	16	14
Netherlands Antilles	14	9	11
Brazil	8	3	417
Total Western Hemisphere [2]	1,114	1,045	1,922
European Union:			
Belgium-Luxembourg	49	39	74
France	9	14	24
Germany, Fed. Rep. of	56	66	72
Netherlands	96	56	42
Portugal	0	0	2
Sweden	5	3	6
United Kingdom	92	91	96
Switzerland	86	43	23
Total Europe [2]	439	333	381
Indonesia	0	0	66
Iran	0	0	0
Japan	215	232	231
Saudi Arabia	142	115	144
Total Asia, Middle East, and Oceania [2]	709	685	671
Guinea	7	6	5
Ivory Coast	36	35	1
Liberia	12	7	8
Nigeria	0	1	1
Ghana	70	53	61
South Africa	158	107	72
Total Africa [2]	314	227	183
World total [2]	2,627	2,305	3,165

[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, 1996/97–1998/99 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	58	59	59	2.72	2.80	2.80	158	165	165
Cuba	90	90	80	1.33	1.44	1.38	120	130	110
Dominican Rep.	94	76	76	3.28	3.29	2.96	308	250	225
El Salvador	11	13	13	3.18	3.08	2.69	35	40	35
Guatemala	14	12	13	1.71	2.08	1.92	24	25	25
Haiti	40	40	40	1.63	1.63	1.63	65	65	65
Honduras	16	12	6	2.25	2.50	2.00	36	30	12
Nicaragua	68	72	70	2.09	1.99	1.86	142	143	130
Panama	115	110	110	1.90	1.18	1.82	218	130	200
Trinidad and Tobago	10	10	10	2.00	2.00	2.00	20	20	20
Mexico	80	100	100	3.34	3.00	3.13	267	300	313
United States	1,135	1,256	1,342	4.81	4.59	4.58	5,460	5,769	6,141
Total	1,731	1,850	1,919	3.96	3.82	3.88	6,853	7,067	7,441
South America:									
Argentina	225	213	289	3.47	3.08	3.74	780	657	1,080
Bolivia	140	145	145	1.36	1.38	1.38	190	200	200
Brazil	3,477	3,285	3,720	1.86	1.77	2.09	6,463	5,815	7,786
Chile	24	26	27	2.33	2.62	2.48	56	68	67
Colombia	284	302	320	2.71	2.65	2.56	770	800	820
Ecuador	290	180	250	1.38	1.67	1.92	400	300	480
Guyana	132	139	130	2.24	2.45	2.65	296	341	345
Paraguay	90	85	90	1.28	1.06	1.28	115	90	115
Peru	225	260	290	3.68	3.50	3.93	828	910	1,140
Surinam	61	55	55	2.30	2.00	1.82	140	110	100
Uruguay	156	180	205	4.66	3.69	4.37	727	665	895
Venezuela	165	166	166	2.79	2.89	2.95	460	480	490
Total	5,269	5,036	5,687	2.13	2.07	2.38	11,225	10,436	13,518
Europe:									
France	23	20	18	3.43	3.40	3.56	79	68	64
Greece	30	30	27	4.93	4.93	4.96	148	148	134
Italy	238	233	233	3.48	3.92	3.47	828	914	808
Portugal	28	29	29	4.29	3.97	4.03	120	115	117
Spain	107	112	113	4.98	4.95	4.98	533	554	563
Total EU	426	424	420	4.01	4.24	4.01	1,708	1,799	1,686
Bulgaria	1	4	4	6.00	1.75	1.50	6	7	6
Hungary	5	5	5	2.00	2.00	2.00	10	10	10
Romania	6	6	5	2.50	1.17	1.20	15	7	6
Yugoslavia	10	10	10	1.50	1.50	1.50	15	15	15
Total E. Europe	22	25	24	2.09	1.56	1.54	46	39	37
Fmr. Soviet Union:.									
Azerbaijan	0	1	0	0	0	0	0	0	0
Kyrgyzstan	5	5	5	1.00	1.00	1.00	5	5	5
Kazakhstan	86	85	85	1.71	1.76	1.76	147	150	150
Russian Fed.	165	160	160	2.36	1.34	1.34	389	215	215
Tajikistan	12	12	12	0.92	0.92	0.92	11	11	11
Turkmenistan	30	30	30	2.33	2.33	2.33	70	70	70
Ukraine	23	23	21	2.30	1.83	2.24	53	42	47
Uzbekistan	185	194	200	1.58	1.55	1.50	293	300	300
Total	506	510	513	1.91	1.55	1.56	968	793	798
Africa:									
Algeria	1	1	1	1.00	1.00	1.00	1	1	1
Angola	10	10	10	0.90	0.90	0.90	9	9	9
Benin	13	10	10	1.23	1.00	1.00	16	10	10
Burkina	60	50	50	1.25	1.30	1.30	75	65	65
Chad	55	60	60	1.00	1.00	1.00	55	60	60
Cameroon	40	40	40	1.63	1.63	1.38	65	65	55
Cote d'Ivorie	680	650	600	0.65	0.60	0.60	445	390	358

See footnotes at end of table.

Table 1-34.—Rice, milled: Area, yield, and production in specified countries, 1996/97–1998/99 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	591	630	504	5.06	5.57	5.54	2,989	3,510	2,790
Gambia, The	13	13	13	1.00	1.00	1.00	13	13	13
Ghana	105	117	130	1.24	1.01	0.88	130	118	115
Guinea	450	475	475	0.96	0.95	0.95	430	450	450
Guinea-Bissau	65	70	65	1.31	1.14	0.92	85	80	60
Kenya	15	15	15	2.00	2.00	2.00	30	30	30
Liberia	75	135	160	0.80	0.74	0.78	60	100	125
Madagascar	1,200	1,200	1,200	1.38	1.38	1.29	1,650	1,650	1,550
Malawi	40	40	40	1.13	1.13	1.13	45	45	45
Mali	300	350	350	1.03	1.14	1.29	310	400	450
Mauritania	20	20	25	1.85	2.25	2.80	37	45	70
Morocco	8	8	8	5.00	5.00	5.00	40	40	40
Mozambique	145	165	180	0.62	0.73	0.69	90	120	125
Niger	30	30	30	1.53	1.50	1.33	46	45	40
Nigeria	1,658	1,650	1,650	1.18	1.12	1.15	1,950	1,850	1,900
Senegal	73	73	73	1.33	1.55	1.11	97	113	81
Sierra Leone	290	275	275	0.81	0.91	0.76	235	250	210
Somalia	2	3	2	1.50	1.67	2.00	3	5	4
Sudan	7	7	7	1.00	1.00	1.00	7	7	7
Togo	55	55	45	0.73	1.00	0.78	40	55	35
Tanzania, United Rep. of	470	370	500	1.01	0.97	1.10	475	360	550
Swaziland	2	2	2	1.50	1.50	1.50	3	3	3
Zaire	590	500	550	0.44	0.42	0.53	260	210	290
Zambia	10	11	11	0.70	0.64	0.64	7	7	7
Total	7,073	7,035	7,081	1.37	1.44	1.35	9,698	10,106	9,548
Asia:									
Afghanistan	200	200	200	1.35	1.25	1.25	270	250	250
Bangladesh	10,414	10,263	9,975	1.81	1.84	1.91	18,882	18,862	19,100
Burma	5,600	5,600	5,600	1.61	1.59	1.66	9,000	8,900	9,300
Brunei	3	3	3	1.33	1.33	1.33	4	4	4
Cambodia	1,950	1,930	1,960	1.06	1.11	1.12	2,070	2,150	2,200
China Peoples Republic	31,406	31,765	31,214	4.35	4.42	4.46	136,570	140,490	139,100
Indonesia	11,137	11,730	11,500	2.88	2.65	2.79	32,084	31,118	32,100
India	43,283	43,420	44,478	1.88	1.90	1.91	81,312	82,300	84,740
Iran	600	600	600	2.67	2.67	2.92	1,600	1,600	1,750
Iraq	140	140	140	1.43	1.43	1.43	200	200	200
Japan	1,977	1,953	1,801	4.76	4.67	4.53	9,413	9,123	8,154
Korea, Democratic Pe	580	600	600	2.24	2.50	2.33	1,300	1,500	1,400
Korea, Republic of	1,050	1,052	1,059	5.07	5.18	4.82	5,323	5,450	5,100
Laos	550	600	615	1.55	1.65	1.63	850	990	1,000
Malaysia	660	655	625	1.97	1.95	1.97	1,300	1,280	1,230
Nepal	1,500	1,500	1,500	1.63	1.60	1.60	2,450	2,400	2,400
Pakistan	2,252	2,316	2,424	1.91	1.87	1.93	4,307	4,333	4,674
Phillippines	3,909	3,501	3,630	1.86	1.85	1.84	7,265	6,488	6,674
Sri Lanka	607	723	703	2.45	2.41	2.51	1,487	1,743	1,768
Thailand	9,267	9,937	9,833	1.47	1.56	1.53	13,662	15,510	15,048
Taiwan	348	364	358	4.08	4.02	3.66	1,420	1,463	1,311
Turkey	90	90	90	2.89	2.50	2.56	260	225	230
Vietnam	7,040	7,377	7,536	2.56	2.59	2.65	18,003	19,094	19,967
Total	134,563	136,319	136,444	2.59	2.61	2.62	349,032	355,473	357,700
Oceania:									
Australia	166	141	152	5.98	6.75	6.54	992	952	994
World total	149,756	151,340	152,240	2.54	2.55	2.57	380,522	386,665	391,722

[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, 1997–99[2]

Country	1997	1998	1999[3]
	1,000 metric tons	*1,000 Metric tons*	*1,000 metric tons*
Exports:			
Argentina	530	589	525
Australia	651	556	700
Burma	15	94	75
China	938	3,734	2,800
Guyana	286	250	300
India	1,954	4,491	2,400
Pakistan	1,982	1,800	1,850
Thailand	5,216	6,367	6,100
Uruguay	640	639	725
Vietnam	3,327	3,776	4,500
EU	372	346	350
Others	596	1,473	1,408
Subtotal	16,507	24,115	21,733
United States	2,292	3,165	2,750
Total	18,799	27,280	24,483
Imports:			
Bangladesh	44	2,499	1,400
Brazil	845	1,457	850
Canada	240	239	240
China	326	261	200
Colombia	225	246	150
Costa Rica	62	72	85
Cote d'Ivoir	470	520	550
Cuba	267	334	375
Ghana	132	142	200
Guinea	200	200	300
Haiti	195	205	200
Indonesia	808	6,081	3,900
Iran	973	500	850
Iraq	684	610	700
Jamaica &	85	75	75
Japan	546	479	725
Jordan	210	100	100
Korea, North	272	250	300
Korea, South	28	86	100
Malaysia	645	593	650
Mexico	289	295	360
Nigeria	731	900	900
Peru	216	230	200
Philippines	814	2,187	1,200
Russia	284	200	300
Saudi Arabia	660	775	750
Senegal	575	600	600
Singapore	293	267	350
South Africa	573	525	550
Sri Lanka	349	168	150
Syria	228	160	200
Turkey	274	232	250
UAE	102	90	225
Yemen	184	121	175
EU	844	787	700
Other Western Europe	46	60	50
Eastern Europe	247	250	240
United States	302	294	300
Subtotal	14,268	23,090	19,450
Other Countries	2,916	2,911	3,020
Unaccounted	1,615	1,279	2,013
World Total	18,799	27,280	24,483

[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, 1993–99 [1]

Crop year [2]	Kansas City			Minneapolis			Portland	St. Louis
	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	Wheat No. 1 Soft White	Wheat, No. 2 Soft Red Winter
	Dollars per bushel	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per bushel*
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	7.04	5.72	3.33	5.27	4.82
1997	4.88	4.92	4.61	5.59	4.97	2.94	4.54	4.10
1998	3.70	3.96	3.38	5.97	4.31	.....	3.81	3.43
1999	3.32	3.73	2.89	4.05	4.13	.....	3.24	2.62

Crop year [2]	Chicago Wheat, No. 2 Soft Red Winter	Denver Wheat, No. 1 Hard Winter	S.W. Louisiana Milled Rice		Arkansas Milled Rice		Texas Milled Rice
			Medium	Long	Medium	Long	Long
	Dollars per bushel	*Dollars per bushel*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
1993	3.49	3.30	13.90	13.29	14.29	12.09	16.66
1994	3.22	3.20	20.63	19.77	21.20	19.57	20.32
1995	3.52	3.57	14.07	14.54	13.16	13.25	13.39
1996	4.82	5.03	19.40	19.46	19.22	19.63	19.62
1997	3.92	4.43	19.91	19.98	18.66	20.42	20.87
1998	3.29	3.33	18.70	18.27	18.34	18.46	18.94
1999	2.64	2.86	18.45	15.31	19.96	15.41	17.02

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

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

Table 1-37.—Corn: Area, yield, production, and value, United States, 1990–99

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
	1,000 acres	*1,000 acres*	*Bushels*	*1,000 bushels*	*Dollars*	*1,000 dollars*	*1,000 acres*	*Tons*	*1,000 tons*
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	17,864,204	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	73,239	62,933	100.7	6,337,730	2.50	16,035,515	6,823	11.9	81,131
1994	78,921	72,514	138.6	10,050,520	2.26	22,874,154	5,717	15.8	90,170
1995	71,479	65,210	113.5	7,400,051	3.24	24,202,234	5,321	14.7	78,181
1996	79,229	72,644	127.1	9,232,557	2.71	25,149,013	5,607	15.4	86,581
1997	79,537	72,671	126.7	9,206,832	2.43	22,351,507	6,054	16.1	97,192
1998	80,165	72,589	134.4	9,758,685	1.94	18,922,084	5,913	16.1	95,479
1999 [1]	77,431	70,537	133.8	9,437,337	1.90	17,949,707	6,062	15.9	96,169

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-38.—Corn: Stocks on and off farms, United States, 1990–2000

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*
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	4,822,000	2,975,000	1,830,000	640,000	2,424,756	1,964,898	1,209,757	667,803
1999	5,320,000	3,570,000	2,257,000	797,000	2,731,846	2,128,428	1,359,225	989,977
2000 [3]	5,180,000	NA	NA	NA	2,839,860	NA	NA	NA

[1] Old crop only. [2] Includes stocks at mills, elevators, warehouses, terminals, and processors. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-39.—Corn: Area, yield, and production, by States, 1997–99

State	Area planted for all purposes			Corn for grain								
				Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [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 ...	280	300	220	250	200	200	87.0	63.0	103.0	21,750	12,600	20,600
AZ ...	60	50	50	40	30	30	165.0	175.0	195.0	6,600	5,250	5,850
AR ...	190	235	105	185	215	100	125.0	100.0	130.0	23,125	21,500	13,000
CA ...	585	600	550	265	245	205	170.0	160.0	165.0	45,050	39,200	33,825
CO ..	1,090	1,180	1,230	980	1,070	1,120	146.0	145.0	142.0	143,080	155,150	159,040
CT ...	38	35	38	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
DE ...	170	169	169	160	155	154	105.0	100.0	89.0	16,800	15,500	13,706
FL ...	120	160	90	75	55	40	80.0	62.0	93.0	6,000	3,410	3,720
GA ..	500	500	350	450	265	300	105.0	85.0	103.0	47,250	22,525	30,900
ID	125	145	165	43	52	55	155.0	150.0	155.0	6,665	7,800	8,525
IL	11,200	10,600	10,800	11,050	10,450	10,650	129.0	141.0	140.0	1,425,450	1,473,450	1,491,000
IN	5,900	5,800	5,800	5,750	5,550	5,670	122.0	137.0	132.0	701,500	760,350	748,440
IA	12,200	12,500	12,100	11,900	12,200	11,800	138.0	145.0	149.0	1,642,200	1,769,000	1,758,200
KS ...	2,750	3,000	3,150	2,600	2,850	2,980	143.0	147.0	141.0	371,800	418,950	420,180
KY ...	1,270	1,300	1,320	1,150	1,180	1,180	103.0	115.0	105.0	118,450	135,700	123,900
LA ...	430	700	340	417	540	330	117.0	81.0	121.0	48,789	43,740	39,930
ME ..	32	34	33	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MD ..	510	470	470	410	400	360	90.0	109.0	93.0	36,900	43,600	33,480
MA ..	28	25	26	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
MI	2,500	2,300	2,200	2,180	2,050	1,950	117.0	111.0	130.0	255,060	227,550	253,500
MN ..	7,000	7,300	7,100	6,450	6,750	6,600	132.0	153.0	150.0	851,400	1,032,750	990,000
MS ..	460	550	340	433	500	310	107.0	86.0	117.0	46,331	43,000	36,270
MO ..	2,700	2,650	2,650	2,600	2,500	2,550	115.0	114.0	97.0	299,000	285,000	247,350
MT ..	60	60	65	14	18	18	135.0	115.0	110.0	1,890	2,070	1,980
NE ...	8,900	8,800	8,600	8,600	8,550	8,300	132.0	145.0	139.0	1,135,200	1,239,750	1,153,700
NH ..	17	15	15	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
NJ ...	118	120	110	94	98	60	108.0	92.0	37.0	10,152	9,016	2,220
NM ..	135	140	150	85	85	83	175.0	165.0	180.0	14,875	14,025	14,940
NY ...	1,170	1,130	1,150	600	580	590	110.0	114.0	101.0	66,000	66,120	59,590
NC ..	960	860	750	870	770	640	89.0	70.0	80.0	77,430	53,900	51,200
ND ..	780	970	820	590	825	655	99.0	107.0	117.0	58,410	88,275	76,635
OH ..	3,800	3,550	3,450	3,550	3,340	3,200	134.0	141.0	126.0	475,700	470,940	403,200
OK ..	200	270	430	170	220	310	138.0	130.0	145.0	23,460	28,600	44,950
OR ..	50	55	45	27	33	30	195.0	190.0	175.0	5,265	6,270	5,250
PA ...	1,550	1,550	1,500	1,010	1,050	880	98.0	111.0	70.0	98,980	116,550	61,600
RI	3	3	3	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
SC ...	350	350	300	325	275	275	95.0	40.0	70.0	30,875	11,000	19,250
SD ...	3,800	3,900	3,600	3,400	3,550	3,250	96.0	121.0	113.0	326,400	429,550	367,250
TN ...	700	700	630	620	620	570	102.0	96.0	102.0	63,240	59,520	58,140
TX ...	2,000	2,400	1,950	1,750	1,850	1,770	138.0	100.0	129.0	241,500	185,000	228,330
UT ...	62	62	61	20	24	20	147.0	141.0	143.0	2,940	3,384	2,860
VT ...	104	112	106	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
VA ...	490	500	500	325	300	280	93.0	84.0	78.0	30,225	25,200	21,840
WA ..	150	160	155	95	100	100	190.0	190.0	180.0	18,050	19,000	18,000
WV ..	65	60	60	36	34	20	95.0	80.0	65.0	3,420	2,720	1,300
WI ...	3,850	3,700	3,600	3,050	2,950	2,850	132.0	137.0	1 43.0	402,600	404,150	407,550
WY ..	85	95	85	52	60	52	135.0	127.0	118.0	7,020	7,620	6,136
US ...	79,537	80,165	77,431	72,671	72,589	70,537	126.7	134.4	133.8	9,206,832	9,758,685	9,437,337

[1] Preliminary. [2] Not estimated.

NASS, Crops Branch, (202) 720–2127.

Table 1-40.—Corn: Supply and disappearance, United States, 1989–98

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*
1989	1,930	7,532	2	9,464	4,382	1,370	5,753	2,367	8,120	1,111	233	1,344
1990	1,344	7,934	3	9,282	4,609	1,425	6,034	1,727	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	6,338	21	8,472	4,684	1,609	6,293	1,328	7, 621	805	45	850
1994	850	10,051	10	10,910	5,470	1,705	7,175	2,177	9,352	1,516	42	1,558
1995	1,558	7,400	16	8,974	4,708	1,612	6,321	2,228	8,548	396	30	426
1996	426	9,233	13	9,672	5,299	1,692	6,991	1,797	8,789	881	2	883
1997	883	9,207	9	10,099	5,505	1,782	7,287	1,504	8,791	1,304	4	1,308
1998 [2]	1,308	9,759	19	11,085	5,496	1,822	7,318	1,981	9,298	1,775	12	1,787

[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 1-41.—Corn: Utilization for silage, by States, 1997–99

State	Silage								
	Area harvested			Yield per acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	20	35	15	14.0	6.0	11.0	280	210	165
AZ	18	19	19	25.5	26.5	23.0	459	504	437
AR	4	5	4	15.0	12.0	12.0	60	60	48
CA	315	350	340	26.0	25.0	26.0	8,190	8,750	8,840
CO	100	100	100	22.5	24.0	24.0	2,250	2,400	2,400
CT	33	30	31	19.0	17.0	17.5	627	510	543
DE	9	10	10	13.0	14.0	14.0	117	140	140
FL	30	35	37	16.5	13.0	17.0	495	455	629
GA	40	55	45	17.0	10.0	13.0	680	550	585
ID	80	90	106	25.5	25.5	24.5	2,040	2,295	2,597
IL	120	110	125	16.5	15.0	17.0	1,980	1,650	2,125
IN	110	100	110	16.0	17.0	16.0	1,760	1,700	1,760
IA	260	250	270	18.0	16.5	18.0	4,680	4,125	4,860
KS	125	120	130	18.0	19.0	17.0	2,250	2,280	2,210
KY	110	110	135	14.0	15.5	12.5	1,540	1,705	1,688
LA	10	15	8	15.0	14.0	15.0	150	210	120
ME	28	31	30	16.0	16.5	18.0	448	512	540
MD	95	65	100	10.0	13.0	11.0	950	845	1,100
MA	23	22	21	20.0	19.5	18.5	460	429	389
MI	300	240	235	14.5	12.5	17.5	4,350	3,000	4,113
MN	450	475	425	15.0	16.0	16.0	6,750	7,600	6,800
MS	25	30	25	15.0	8.0	13.0	375	240	325
MO	80	80	70	14.0	12.5	9.5	1,120	1,000	665
MT	45	41	45	21.0	21.0	20.0	945	861	900
NE	225	190	230	15.5	17.0	17.0	3,488	3,230	3,910
NH	16	14	15	19.5	18.5	19.5	312	259	293
NJ	22	21	25	15.0	12.0	6.0	330	252	150
NM	49	50	65	21.0	23.0	24.0	1,029	1,150	1,560
NY	560	550	560	15.0	16.0	16.0	8,400	8,800	8,960
NC	85	75	85	14.0	9.0	12.0	1,190	675	1,020
ND	170	125	155	7.0	8.5	8.8	1,190	1,063	1,364
OH	190	180	170	18.0	17.0	15.0	3,420	3,060	2,550
OK	25	34	20	17.0	15.0	16.0	425	510	320
OR	22	21	14	26.0	23.0	24.0	572	483	336
PA	515	490	590	14.0	16.0	10.5	7,210	7,840	6,195
RI	3	3	3	16.5	18.0	16.5	50	54	50
SC	20	25	15	15.0	7.0	13.0	300	175	195
SD	360	320	330	10.5	10.5	10.0	3,780	3,360	3,300
TN	70	65	55	15.0	14.0	14.0	1,050	910	770
TX	110	150	110	23.5	19.0	21.0	2,585	2,850	2,310
UT	41	37	40	23.0	21.0	21.0	943	777	840
VT	96	107	93	18.0	17.0	18.0	1,728	1,819	1,674
VA	160	190	200	13.0	10.5	10.0	2,080	1,995	2,000
WA	55	60	55	28.0	25.0	26.0	1,540	1,500	1,430
WV	28	24	35	14.0	15.0	8.5	392	360	298
WI	770	730	730	15.0	16.0	16.5	11,550	11,680	12,045
WY	32	34	31	21.0	19.0	20.0	672	646	620
US	6,054	5,913	6,062	16.1	16.1	15.9	97,192	95,479	96,169

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-42.—Corn for grain: Marketing year average price and value, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per bushel			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	2.82	2.31	2.20	61,335	29,106	45,320
AZ	3.20	2.75	2.60	21,120	14,438	15,210
AR	2.51	1.85	1.75	58,044	39,775	22,750
CA	3.05	2.66	2.50	137,403	104,272	84,563
CO	2.59	1.96	1.95	370,577	304,094	310,128
DE	2.95	2.37	2.30	49,560	36,735	31,524
FL	2.90	2.30	2.30	17,400	7,843	8,556
GA	2.90	2.46	2.25	137,025	55,412	69,525
ID	3.03	2.55	2.25	20,195	19,890	19,181
IL	2.53	2.04	2.05	3,606,389	3,005,838	3,056,550
IN	2.53	2.11	1.95	1,774,795	1,604,339	1,459,458
IA	2.33	1.86	1.80	3,826,326	3,290,340	3,164,760
KS	2.47	1.96	1.90	918,346	821,142	798,342
KY	2.62	2.17	2.15	310,339	294,469	266,385
LA	2.70	2.05	2.05	131,730	89,667	81,857
MD	2.98	2.33	2.35	109,962	101,588	78,678
MI	2.40	1.90	1.85	612,144	432,345	468,975
MN	2.15	1.71	1.70	1,830,510	1,766,003	1,683,000
MS	2.65	2.04	2.00	122,777	87,720	72,540
MO	2.45	1.92	1.95	732,550	547,200	482,333
MT	2.40	1.90	1.65	4,536	3,933	3,267
NE	2.32	1.88	1.85	2,633,664	2,330,730	2,134,345
NJ	2.80	2.20	2.15	28,426	19,835	4,773
NM	2.85	2.35	2.45	42,394	32,959	36,603
NY	2.62	2.21	2.15	172,920	146,125	128,119
NC	2.83	2.33	2.25	219,127	125,587	115,200
ND	2.12	1.71	1.60	123,829	150,950	122,616
OH	2.48	2.03	2.00	1,179,736	956,008	806,400
OK	2.66	2.10	2.00	62,404	60,060	89,900
OR	3.03	2.45	2.30	15,953	15,362	12,075
PA	2.92	2.48	2.55	289,022	289,044	157,080
SC	2.79	2.40	2.20	86,141	26,400	42,350
SD	2.15	1.61	1.60	701,760	691,576	587,600
TN	2.65	2.13	1.95	167,586	126,778	113,373
TX	2.74	2.26	2.25	661,710	418,100	513,743
UT	3.05	2.45	2.35	8,967	8,291	6,721
VA	2.69	2.24	2.10	81,305	56,448	45,864
WA	3.00	2.45	2.35	54,150	46,550	42,300
WV	2.80	2.30	2.10	9,576	6,256	2,730
WI	2.34	1.84	1.85	942,084	743,636	753,968
WY	2.52	2.00	1.80	17,690	15,240	11,045
US	2.43	1.94	1.90	22,351,507	18,922,084	17,949,707

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1996/97–1998/99 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	1,058	1,011	1,118	6.98	7.10	8.01	7,380	7,180	8,952
Costa Rica	18	13	15	1.83	1.92	2.00	33	25	30
Cuba	85	75	75	0.65	0.93	0.93	55	70	70
Dominican Republic	25	25	28	1.28	1.24	1.32	32	31	37
El Salvador	281	290	280	2.21	2.17	2.05	621	630	575
Guatemala	825	830	835	1.64	1.42	1.38	1,350	1,181	1,155
Haiti	260	300	350	0.77	0.83	0.86	200	250	300
Honduras	407	420	389	1.33	1.42	1.23	540	595	477
Jamaica and Dep	4	4	4	1.25	1.25	1.25	5	5	5
Mexico	8,234	7,208	7,900	2.30	2.35	2.23	18,922	16,934	17,000
Nicaragua	283	259	275	1.14	1.13	1.05	322	292	290
Panama	80	70	80	1.30	1.29	1.25	104	90	100
Trinidad and Tobago	3	3	3	1.67	1.67	1.67	5	5	5
United States	29,398	29,409	29,382	7.98	7.95	8.44	234,518	233,864	247,943
Total	40,961	39,917	40,734	6.45	6.54	6.80	264,087	261,152	276,939

See footnotes at end of table.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1996/97–1998/99 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	3,400	3,175	2,550	4.56	6.10	5.29	15,500	19,360	13,500
Bolivia	290	300	300	2.10	2.25	2.08	610	675	625
Brazil	13,877	11,390	12,265	2.57	2.64	2.62	35,700	30,080	32,110
Chile	107	100	75	8.23	8.81	8.32	881	881	624
Colombia	590	480	550	1.66	1.67	1.60	980	800	880
Ecuador	245	280	160	1.24	1.68	1.69	305	470	270
Guyana	5	5	5	1.00	1.00	1.00	5	5	5
Paraguay	375	375	350	2.81	2.67	2.57	1,055	1,000	900
Peru	381	390	400	1.94	1.92	2.00	738	750	800
Uruguay	61	60	65	2.66	3.38	3.46	162	203	225
Venezuela	415	360	360	2.82	2.72	2.72	1,172	980	980
Total	19,746	16,915	17,080	2.89	3.26	2.98	57,108	55,204	50,919
Europe:									
Austria	201	188	160	8.63	9.80	10.29	1,735	1,842	1,646
Belgium-Luxembourg	25	25	25	8.80	8.80	8.80	220	220	220
France	1,716	1,841	1,799	8.41	9.10	8.45	14,432	16,754	15,204
Germany	372	369	341	7.83	8.64	8.26	2,913	3,188	2,817
Greece	125	115	165	10.48	10.00	8.79	1,310	1,150	1,450
Italy	1,023	1,039	969	9.33	9.63	8.88	9,547	10,005	8,600
Netherlands	11	13	14	7.09	8.62	7.86	78	112	110
Portugal	184	189	189	4.61	4.31	4.39	849	815	830
Spain	435	486	467	8.51	9.11	8.90	3,700	4,426	4,154
Sweden	3	3	3	3.33	3.33	3.33	10	10	10
Total EU	4,095	4,268	4,132	8.50	9.03	8.48	34,794	38,522	35,041
Switzerland	24	25	22	8.96	8.80	8.41	215	220	185
Albania	60	63	60	3.33	3.49	3.33	200	220	200
Bulgaria	410	450	380	2.37	3.33	3.16	970	1,500	1,200
Czech Republic	33	41	58	5.12	4.95	3.10	169	203	180
Hungary	1,053	1,000	1,100	5.70	6.80	5.45	6,000	6,800	6,000
Poland	69	77	85	5.07	5.42	5.84	350	417	496
Romania	3,290	3,030	3,000	2.92	4.18	2.83	9,610	12,680	8,500
Slovakia	130	138	116	5.77	5.93	5.49	750	819	637
Yugoslavia	2,135	2,115	2,115	3.79	4.59	3.88	8,100	9,700	8,200
Total Eastern Europe	7,180	6,914	6,914	3.64	4.68	3.68	26,149	32,339	25,413
Fmr. Soviet Union:									
Azerbaijan	13	8	15	1.08	1.25	1.33	14	10	20
Georgia	188	230	250	2.61	1.96	2.00	491	450	500
Kyrgyzstan	46	40	40	3.96	4.25	3.75	182	170	150
Kazakhstan	84	40	65	1.45	2.78	1.54	122	111	100
Moldova	358	401	340	2.76	4.14	3.53	988	1,660	1,200
Russian Fed.	619	850	800	1.78	3.18	1.00	1,100	2,700	800
Tajikistan	24	40	8	3.75	0.63	3.13	90	25	25
Turkmenistan	20	20	20	3.00	2.50	2.50	60	50	50
Ukraine	671	1,350	910	2.74	3.96	2.53	1,840	5,340	2,300
Uzbekistan	40	40	40	3.43	3.50	3.50	137	140	140
Total	2,063	3,019	2,488	2.44	3.53	2.12	5,024	10,656	5,285
Africa:									
Algeria	1	1	1	2.00	2.00	2.00	2	2	2
Angola	725	725	725	0.55	0.51	0.69	400	370	500
Benin	450	550	575	1.11	1.18	1.13	500	650	650
Botswana	30	30	30	0.50	0.33	0.33	15	10	10
Burkina	230	240	240	1.30	1.50	1.98	300	360	475
Burundi	110	115	115	1.32	1.26	1.17	145	145	135
Cameroon	375	300	300	2.00	2.00	2.00	750	600	600
Cape Verde	15	15	15	0.67	0.67	0.67	10	10	10
Central African Republic	90	90	90	0.83	0.89	0.89	75	80	80
Chad	85	100	130	0.88	1.00	1.31	75	100	170
Congo (Brazzaville)	30	30	30	0.83	0.67	0.73	25	20	22
Cote d'Ivorie	690	700	690	0.90	0.91	0.90	620	640	620
Egypt	876	837	737	6.65	7.18	7.61	5,825	6,010	5,605

See footnotes at end of table.

Table 1-43.—Corn: Area, yield, and production in specified countries, 1996/97–1998/99 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	1,950	1,750	1,900	1.64	1.71	1.74	3,200	3,000	3,300
Gambia, The	15	10	15	1.33	1.00	1.33	20	10	20
Ghana	665	660	700	1.50	1.52	1.43	1,000	1,000	1,000
Guinea	85	85	85	0.94	0.94	0.94	80	80	80
Guinea-Bissau	15	15	15	1.00	1.00	1.00	15	15	15
Kenya	1,500	1,575	1,600	1.44	1.43	1.50	2,160	2,250	2,400
Lesotho	145	100	100	1.03	1.00	1.25	150	100	125
Madagascar	190	190	190	0.95	0.95	0.79	180	180	150
Malawi	1,250	1,250	1,350	0.98	1.40	1.78	1,225	1,750	2,400
Mali	205	200	200	1.29	1.50	1.63	265	300	325
Mauritania	3	3	3	1.00	1.00	1.00	3	3	3
Morocco	245	341	300	0.86	1.10	1.00	210	375	300
Mozambique	1,100	1,250	1,300	0.95	0.88	0.88	1,050	1,100	1,150
Nigeria	3,500	3,450	3,400	1.43	1.42	1.46	5,000	4,900	4,950
Rwanda	60	70	75	1.17	1.14	1.07	70	80	80
Senegal	85	60	55	1.06	1.00	0.80	90	60	44
Sierra Leone	10	10	10	1.00	1.00	1.00	10	10	10
Somalia	200	250	200	0.80	0.60	0.63	160	150	125
South Africa, Rep. of	3,361	2,956	2,900	3.02	2.55	2.45	10,136	7,544	7,100
Swaziland	60	60	60	1.67	1.67	1.67	100	100	100
Tanzania, United Rep.	1,650	1,625	2,000	1.61	1.29	1.35	2,650	2,100	2,700
Togo	380	400	355	1.05	1.13	0.99	400	450	350
Tunisia	1	1	1	1.00	1.00	1.00	1	1	1
Uganda	590	600	600	1.53	1.25	1.25	900	750	750
Zaire	1,350	1,300	1,350	0.81	0.77	0.89	1,100	1,000	1,200
Zambia	600	450	600	1.67	1.22	1.50	1,000	550	900
Zimbabwe	1,640	1,225	1,450	1.17	1.19	1.03	1,922	1,460	1,500
Total	24,562	23,619	24,492	1.70	1.62	1.63	41,839	38,315	39,957
Asia:									
Afghanistan	230	200	200	1.22	1.25	1.20	280	250	240
Burma	160	160	160	1.56	1.56	1.56	250	250	250
Bhutan	50	50	50	1.70	1.70	1.70	85	85	85
Cambodia	50	50	50	1.30	1.30	1.30	65	65	65
China, People's Republic of	24,498	23,775	25,239	5.20	4.39	5.27	127,470	104,300	132,954
Indonesia	3,200	2,900	3,200	1.86	1.97	2.03	5,950	5,70 0	6,500
India	6,248	6,305	5,980	1.70	1.72	1.80	10,612	10,852	10,780
Iran	150	160	170	4.67	4.69	5.00	700	750	850
Iraq	140	140	140	1.79	1.79	1.79	250	250	250
Japan	1	1	1	1.00	1.00	1.00	1	1	1
Jordan	1	1	1	1.00	1.00	1.00	1	1	1
Korea, Democratic People's Rep	600	600	625	3.00	2.50	3.04	1,800	1,500	1,900
Korea, Rep. of	18	21	21	4.00	4.14	3.81	72	87	80
Lebanon	2	2	2	1.00	1.00	1.00	2	2	2
Malaysia	25	26	27	1.80	1.85	1.85	45	48	50
Nepal	790	800	870	1.65	1.69	1.70	1,300	1,350	1,475
Pakistan	872	869	884	1.44	1.44	1.47	1,260	1,251	1,302
Philippines	2,718	2,366	2,766	1.55	1.49	1.77	4,215	3,528	4,894
Saudi Arabia	3	3	3	1.33	1.33	1.33	4	4	4
Syria	73	75	80	3.42	4.04	4.06	250	303	325
Taiwan	46	26	19	4.76	4.62	4.74	219	120	90
Thailand	1,200	1,080	1,290	3.25	3.43	3.33	3,900	3,700	4,300
Turkey	550	600	650	3.64	3.50	3.54	2,000	2,100	2,300
Vietnam	615	620	620	2.44	2.42	2.42	1,500	1,500	1,500
Yemen	35	32	30	1.43	1.63	1.67	50	52	50
Total	42,275	40,862	43,078	3.84	3.38	3.95	162,281	138,049	170,248
Oceania:									
Australia	68	64	60	5.85	4.23	5.37	398	271	322
New Zealand	15	15	15	9.67	9.67	9.67	145	145	145
Total	83	79	75	6.54	5.27	6.23	543	416	467
World total	140,989	135,618	139,015	4.20	4.24	4.35	592,040	574,873	605,045

[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: International trade, 1997–99 [1]

Country	1996/97	1997/98	1998/99 [2]
	1,000 metric tons	*1,000 Metric tons*	*1,000 metric tons*
Exports:			
Argentina	10,203	12,756	7,849
China	3,892	6,173	3,338
Hungary	1,122	1,289	1,766
Romania	536	852	400
South Africa	2,200	1,041	1,000
Ukraine	9	593	353
EU	243	382	300
Others	2,290	2,104	1,940
Subtotal	20,495	25,190	16,946
United States	46,579	37,697	51,886
Total	67,074	62,887	68,832
Imports:			
Algeria	995	943	1,100
Brazil	513	1,324	968
Canada	879	1,418	903
Chile	783	851	1,268
China	75	287	270
Colombia	1,674	1,694	1,570
Costa Rica	375	382	429
Dominican Republic	733	671	816
Ecuador	114	263	286
Egypt	3,196	3,259	3,700
Guatemala	328	258	400
Indonesia	895	570	475
Iran	1,503	900	750
Israel	731	530	650
Japan	15,963	16,422	16,336
Jordan	442	485	500
Korea, North	503	347	200
Korea, South	8,336	7,528	7,517
Malaysia	2,485	2,145	2,500
Mexico	3,141	4,376	5,612
Morocco	687	553	750
Peru	840	1,228	1,000
Philippines	446	455	150
Poland	632	383	200
Russia	230	118	650
Saudi Arabia	1,272	1,234	1,500
South Africa	313	106	300
Taiwan	5,741	4,474	4,575
Thailand	231	243	150
Tunisia	474	336	625
Turkey	929	695	1,000
Venezuela	1,494	1,161	1,500
Zimbabwe	200	404	350
EU	2,595	2,065	3,000
O.W. Europe	404	170	235
United States	285	126	388
Subtotal	60,437	58,404	62,623
Other Countries	5,352	3,900	5,143
Unaccounted	1,285	583	1,066
World Total	67,074	62,887	68,832

[1] Year beginning Oct 1. [2] 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 1-45.—Corn: Support operations, United States, 1990–99

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*
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	19.9	0	42
1995/96	0.00	1.89	2.75	676	9.1	0	30
1996/97	0.251	1.89	NA	970	10.5	0	2
1997/98	0.486	1.89	NA	1,140	12.4	2	4
1998/99	0.377	1.89	NA	1,755	18.0	24	12
1999/2000	0.363	1.89	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior crops 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) 720–8838.

Table 1-46.—Corn: United States exports, specified by country of destination, 1997/98–1998/99 [1]

Country of destination	Year	
	1997/98	1998/99
	1,000 metric tons	*1,000 metric tons*
Corn:		
Canada	1,403	903
Mexico	4,373	5,591
Venezuela	645	1,329
Peru	370	635
Brazil	1	121
Chile	104	526
Other Americas	2,131	3,289
Total Americas	9,027	12,394
European Union	166	161
Other Western Europe	27	169
Total W. Europe	193	330
Poland	0	0
Former Soviet Union	0	405
Other E. Europe	19	12
Total E. Europe and. Former Soviet Union	20	417
Korea, Rep. of	3,364	6,659
Taiwan	3,488	4,538
Japan	13,957	15,318
Other Asia	688	1,057
Total Asia	21,497	27,571
Egypt	1,951	2,954
Nigeria	4	.....
Other Africa	1,651	2,536
Total Africa	3,606	5,489
Other countries	3,354	5,685
World total	37,697	51,886

[1] Year beginning Oct. 1.

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

Table 1-47.—Oats: Area, yield, production, and value, United States, 1990–99

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*
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	206,731	1.36	290,948
1994	6,637	4,008	57.1	228,844	1.22	299,627
1995	6,225	2,952	54.6	161,094	1.67	278,941
1996	4,668	2,655	57.7	153,245	1.96	313,910
1997	5,068	2,813	59.5	167,246	1.60	273,284
1998	4,892	2,755	60.2	165,981	1.10	199,748
1999 [2]	4,670	2,453	59.6	146,218	1.10	169,873

[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 1-48.—Oats: Stocks on and off farms, United States, 1990–99

Year beginning September	On farms				Off farms [1]			
	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1
1990 [2]	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	38,459	45,218	39,330	33,576
1997	105,950	83,200	58,800	34,500	48,972	61,051	52,418	39,498
1998	110,300	81,500	61,700	40,700	51,502	61,835	50,850	40,678
1999 [3]	97,300	82,100	NA	NA	51,151	53,973	NA	NA

[1] Inlcudes stocks at mills, elevators, warehouses, terminals, and processors. [2] Per program modifications: stocks estimates for oats were restored for Sept. 1, Dec. 1, and Mar. 1. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-49.—Oats: Supply and disappearance, United States, 1989–98

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*
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	233	93	326	1	327	101	0	101
1995	101	161	81	342	182	92	274	2	276	66	0	66
1996	66	153	97	317	153	95	248	3	250	67	0	67
1997	67	167	98	332	161	95	256	2	258	74	0	74
1998 [3]	74	166	108	348	170	95	265	2	266	81	0	81

[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 1-50.—Oats: Support operations, United States, 1990–99

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*
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	2.4	1.4	0.0	0.0
1998/99	0.031	1.11	NA	4.5	2.7	0.1	0.0
1999/2000	0.030	1.13	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior crops 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) 720–8838.

Table 1-51.—Oats: Area, yield, and production, by States, 1997–99

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	35	35	40	20	17	20	48.0	48.0	44.0	960	816	880
AR	12	10	13	10	9	11	75.0	80.0	91.0	750	720	1,001
CA	350	320	275	30	30	30	80.0	75.0	85.0	2,400	2,250	2,550
CO	70	90	50	25	25	20	68.0	70.0	65.0	1,700	1,750	1,300
GA	65	50	60	30	25	25	56.0	53.0	55.0	1,680	1,325	1,375
ID	80	80	80	21	30	25	75.0	75.0	68.0	1,575	2,250	1,700
IL	100	85	75	75	70	60	74.0	56.0	71.0	5,550	3,920	4,260
IN	60	50	40	30	30	25	60.0	50.0	65.0	1,800	1,500	1,625
IA	330	280	250	230	185	175	73.0	59.0	65.0	16,790	10,915	11,375
KS	130	110	120	80	60	70	59.0	45.0	47.0	4,720	2,700	3,290
ME	26	25	27	23	24	22	73.0	73.0	80.0	1,679	1,752	1,760
MD	9	9	8	7	7	5	55.0	50.0	51.0	385	350	255
MI	95	110	100	80	100	75	61.0	48.0	65.0	4,880	4,800	4,875
MN	400	350	360	300	310	300	58.0	63.0	59.0	17,400	19,530	17,700
MO	40	22	35	25	13	22	61.0	47.0	46.0	1,525	611	1,012
MT	140	140	170	70	60	70	55.0	54.0	46.0	3,850	3,240	3,220
NE	160	170	135	90	95	75	65.0	56.0	62.0	5,850	5,320	4,650
NY	100	115	100	90	105	70	65.0	62.0	68.0	5,850	6,510	4,760
NC	55	40	60	25	20	30	64.0	58.0	68.0	1,600	1,160	2,040
ND	700	730	650	425	420	330	44.0	60.0	51.0	18,700	25,200	16,830
OH	120	120	120	90	100	100	74.0	65.0	70.0	6,660	6,500	7,000
OK	75	60	75	40	20	30	44.0	41.0	43.0	1,760	820	1,290
OR	80	65	40	31	35	20	92.0	110.0	100.0	2,852	3,850	2,000
PA	185	190	170	155	160	145	58.0	53.0	55.0	8,990	8,480	7,975
SC	50	40	55	25	25	35	56.0	45.0	52.0	1,400	1,125	1,820
SD	380	420	320	270	300	200	55.0	67.0	64.0	14,850	20,100	12,800
TX	550	600	670	130	130	110	52.0	53.0	44.0	6,760	6,890	4,840
UT	50	50	45	10	9	9	72.0	70.0	75.0	720	630	675
WA	35	30	30	17	15	15	80.0	75.0	75.0	1,360	1,125	1,125
WV	6	6	7	4	4	2	50.0	50.0	48.0	200	200	96
WI	510	430	430	320	300	300	63.0	61.0	62.0	20,160	18,300	18,600
WY	70	60	60	35	22	27	54.0	61.0	57.0	1,890	1,342	1,539
US	5,068	4,892	4,670	2,813	2,755	2,453	59.5	60.2	59.6	167,246	165,981	146,218

[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 1-52.—Oats: Marketing year average price and value, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per bushel			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	1.70	2.05	1.70	1,632	1,673	1,496
AR	2.15	1.45	1.95	1,613	1,044	1,952
CA	1.98	1.36	1.50	4,752	3,060	3,825
CO	2.05	1.70	1.70	3,485	2,975	2,210
GA	1.87	1.50	1.70	3,142	1,988	2,338
ID	1.64	1.30	1.05	2,583	2,925	1,785
IL	1.71	1.52	1.30	9,491	5,958	5,538
IN	1.94	1.74	1.50	3,492	2,610	2,438
IA	1.63	1.24	1.05	27,368	13,535	11,944
KS	1.52	1.56	1.30	7,174	4,212	4,277
ME	1.20	0.97	0.85	2,015	1,699	1,496
MD	1.75	1.65	1.62	674	578	413
MI	1.86	1.42	1.35	9,077	6,816	6,581
MN	1.46	1.02	0.90	25,404	19,921	15,930
MO	1.85	1.60	1.50	2,821	978	1,518
MT	1.33	1.18	1.05	5,121	3,823	3,381
NE	1.79	1.19	1.00	10,472	6,331	4,650
NY	1.70	1.41	1.45	9,945	9,179	6,902
NC	1.80	1.70	1.45	2,880	1,972	2,958
ND	1.32	0.93	0.85	24,684	23,436	14,306
OH	1.76	1.38	1.45	11,722	8,970	10,150
OK	2.10	1.80	1.50	3,696	1,476	1,935
OR	1.77	1.39	1.40	5,048	5,352	2,800
PA	1.84	1.46	1.55	16,542	12,381	12,361
SC	1.55	1.35	1.30	2,170	1,519	2,366
SD	1.56	1.03	1.05	23,166	20,703	13,440
TX	2.36	1.44	1.55	15,954	9,922	7,502
UT	1.97	1.45	1.50	1,418	914	1,013
WA	1.75	1.00	1.16	2,380	1,125	1,305
WV	2.07	1.31	1.60	414	262	154
WI	1.46	1.10	1.00	29,434	20,130	18,600
WY	1.86	1.70	1.50	3,515	2,281	2,309
US	1.60	1.10	1.10	273,284	199,748	169,873

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-53.—Oats: Area, yield, and production in specified countries, 1996/97–1998/99 [1]

Country and continent	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	1,684	1,500	1,592	2.59	2.32	2.49	4,361	3,485	3,958
Mexico	100	100	100	1.00	1.00	1.00	100	100	100
United States	1,074	1,138	1,115	2.07	2.13	2.16	2,224	2,428	2,409
Total	2,858	2,738	2,807	2.34	2.20	2.30	6,685	6,013	6,467
Argentina	250	290	275	1.24	1.76	1.40	310	510	385
Brazil	200	210	210	1.07	1.36	1.19	214	286	250
Chile	104	75	79	3.23	3.33	2.54	336	250	201
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	90	90	90	0.33	0.33	0.33	30	30	30
Total	648	669	658	1.38	1.62	1.32	895	1,081	871
Europe:									
Austria	41	46	42	3.71	4.28	4.05	152	197	170
Belgium	8	8	8	4.00	4.00	4.00	32	32	32
Denmark	32	30	31	5.13	5.17	5.19	164	155	161
Finland	374	369	387	3.37	3.37	2.52	1,261	1,243	975
France	141	133	139	4.41	4.24	4.73	622	564	658
Germany	302	310	264	5.32	5.16	4.84	1,606	1,599	1,278
Greece	40	45	45	1.75	1.78	1.78	70	80	80
Ireland	18	18	18	6.11	6.11	6.11	110	110	110
Italy	142	151	152	2.46	2.06	2.49	350	311	378
Netherlands	2	2	2	5.50	5.50	5.50	11	11	11

See footnotes at end of table.

Table 1-53.—Oats: Area, yield, and production in specified countries, 1996/97–1998/99 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	68	70	45	0.97	0.64	0.56	66	45	25
Spain	394	396	398	1.66	1.26	1.75	653	500	698
Sweden	278	315	311	4.32	4.05	3.65	1,200	1,275	1,136
United Kingdom	96	105	96	6.14	5.14	5.54	589	540	532
Total EU	1,936	1,998	1,938	3.56	3.33	3.22	6,886	6,662	6,244
Norway	96	93	93	4.18	3.90	4.23	401	363	393
Switzerland	9	9	7	4.89	4.67	5.43	44	42	38
Total	105	102	100	4.24	3.97	4.31	445	405	431
Albania	20	11	20	1.25	1.36	0.75	25	15	15
Bulgaria	35	41	31	1.17	1.32	1.61	41	54	50
Czech Republic	66	78	60	3.24	3.17	3.17	214	247	190
Hungary	48	50	52	2.29	2.50	2.54	110	125	132
Poland	625	626	561	2.53	2.60	2.60	1,581	1,630	1,460
Romania	220	200	225	1.32	1.65	1.56	290	330	350
Slovakia	18	18	17	2.28	2.78	2.65	41	50	45
Yugoslavia	130	125	133	1.73	1.88	1.80	225	235	240
Total E. Europe	1,162	1,149	1,099	2.17	2.34	2.26	2,527	2,686	2,482
Fmr. Soviet Union:.									
Azerbaijan	0	1	0	0	0	0	0	0	0
Armenia	0	1	0	0	0	0	0	0	0
Byelarus	335	340	300	2.11	2.06	2.33	707	700	700
Estonia	48	50	50	2.40	2.00	2.00	115	100	100
Georgia	6	7	7	0.67	0.71	0.71	4	5	5
Kyrgyzstan	2	3	3	2.00	2.67	2.67	4	8	8
Kazakhstan	452	65	100	0.79	0.77	0.60	359	50	60
Latvia	56	50	50	1.80	2.32	2.40	101	116	120
Lithuania	52	58	60	1.96	2.07	2.00	102	120	120
Moldova	3	3	3	2.67	2.33	2.33	8	7	7
Russian Fed.	6,929	6,500	5,200	1.20	1.45	0.88	8,300	9,400	4,600
Tajikistan	0	1	0	0	0	0	0	0	0
Ukraine	482	553	549	1.51	1.92	1.35	730	1,062	740
Total	8,365	7,632	6,322	1.25	1.52	1.02	10,430	11,568	6,460
Algeria	100	40	120	1.00	0.50	0.83	100	20	100
Morocco	40	40	40	0.75	0.75	0.75	30	30	30
South Africa, Rep. of	675	700	700	0.05	0.06	0.06	34	45	45
Total	815	780	860	0.20	0.12	0.20	164	95	175
Asia:									
China, People's Republic	500	450	550	1.20	0.89	1.18	600	400	650
Japan	1	1	1	2.00	2.00	2.00	2	2	2
Turkey	161	158	172	1.71	1.77	1.80	275	280	310
Total	662	609	723	1.32	1.12	1.33	877	682	962
Oceania:									
Australia	1,089	933	950	1.52	1.75	1.98	1,653	1,634	1,880
New Zealand	20	20	20	3.75	3.75	3.75	75	75	75
Total	1,109	953	970	1.56	1.79	2.02	1,728	1,709	1,955
World total	17,660	16,630	15,477	1.73	1.86	1.68	30,637	30,901	26,047

[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 1-54.—Barley: Area, yield, production, and value, United States, 1990–99

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*
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	57.2	359,376	2.89	1,028,183
1996	7,094	6,707	58.5	392,433	2.74	1,080,940
1997	6,706	6,198	58.1	359,878	2.38	861,620
1998	6,337	5,864	60.0	352,125	1.98	686,517
1999 [2]	5,223	4,758	59.2	281,853	2.05	552,941

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

NASS, Crops Branch, (202) 720–2127.

Table 1-55.—Barley: Stocks on and off farms, United States, 1990–99

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*
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	191,700	135,700	82,060	43,715	122,078	110,522	90,840	65,735
1997	195,500	134,500	81,900	43,700	131,347	109,561	98,299	75,533
1998	193,500	149,000	86,900	52,000	132,674	121,535	113,808	89,653
1999 [2]	165,100	108,600	NA	NA	130,145	119,996	NA	NA

[1] Includes stocks at mills, elevators, warehouses, terminals, and processors. [2] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-56.—Barley: Supply and disappearance, United States, 1989–98

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*
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	359	41	513	179	172	351	62	413	95	4	100
1996	100	392	37	529	217	172	389	31	419	109	0	109
1997 [2]	109	360	40	510	144	172	316	74	390	119	0	119
1998 [2]	119	352	30	501	161	170	331	28	360	142	0	142

[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 1-57.—Barley: Area, yield, and production, by States, 1997–99

State	Area planted [1]			Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	70	58	63	67	56	62	102.0	110.0	114.0	6,834	6,160	7,068
CA	230	170	170	150	125	125	57.0	60.0	64.0	8,550	7,500	8,000
CO	95	90	95	89	82	86	108.0	115.0	105.0	9,612	9,430	9,030
DE	40	34	30	35	30	26	89.0	60.0	84.0	3,115	1,800	2,184
ID	770	780	710	750	760	690	79.0	78.0	78.0	59,250	59,280	53,820
KS	10	8	16	8	8	13	42.0	35.0	45.0	336	280	585
KY	9	8	9	7	7	8	70.0	63.0	80.0	490	441	640
MD	55	60	55	50	54	50	80.0	64.0	80.0	4,000	3,456	4,000
MI	25	27	23	22	23	21	58.0	50.0	66.0	1,276	1,150	1,386
MN	500	440	200	460	415	180	51.0	55.0	47.0	23,460	22,825	8,460
MT	1,250	1,350	1,300	1,150	1,200	1,150	53.0	48.0	50.0	60,950	57,600	57,500
NE	10	10	5	9	8	3	51.0	50.0	48.0	459	400	144
NV	5	5	5	5	4	4	100.0	100.0	90.0	500	400	360
NJ	5	6	6	4	4	4	74.0	58.0	79.0	296	232	316
NC	24	25	24	20	20	19	68.0	57.0	80.0	1,360	1,140	1,520
ND	2,400	2,000	1,350	2,250	1,930	1,240	45.0	55.0	48.0	101,250	106,150	59,520
OK	6	7	4	5	5	3	42.0	47.0	39.0	210	235	117
OR	126	150	145	116	130	135	69.0	62.0	51.0	8,004	8,060	6,885
PA	72	80	75	68	75	70	67.0	67.0	71.0	4,556	5,025	4,970
SC	4	4	3	3	3	2	60.0	47.0	60.0	180	141	120
SD	130	115	80	120	95	74	38.0	48.0	48.0	4,560	4,560	3,552
TX	10	10	15	5	5	10	47.0	43.0	35.0	235	215	350
UT	100	95	90	95	85	83	84.0	83.0	82.0	7,980	7,055	6,806
VA	75	90	80	60	70	60	82.0	61.0	82.0	4,920	4,270	4,920
WA	490	530	500	480	520	490	74.0	65.0	59.0	35,520	33,800	28,910
WI	80	80	80	65	65	65	55.0	52.0	52.0	3,575	3,380	3,380
WY	115	105	90	105	85	85	80.0	84.0	86.0	8,400	7,140	7,310
US	6,706	6,337	5,223	6,198	5,864	4,758	58.1	60.0	59.2	359,878	352,125	281,853

[1] Includes area planted in the preceding fall. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-58.—Barley: Marketing year average price and value, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per bushel			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AZ	2.90	2.45	2.40	19,819	15,092	16,963
CA	2.75	2.33	2.05	23,513	17,475	16,400
CO	2.98	2.84	2.65	28,644	26,781	23,930
DE	1.95	1.27	1.35	6,074	2,286	2,948
ID	2.82	2.40	2.50	167,085	142,272	134,550
KS	2.69	2.10	2.00	904	588	1,170
KY	2.06	1.31	1.30	1,009	578	832
MD	2.05	1.30	1.35	8,200	4,493	5,400
MI	1.90	1.50	1.70	2,424	1,725	2,356
MN	1.88	1.62	1.25	44,105	36,977	10,575
MT	2.83	2.27	2.15	172,489	130,752	123,625
NE	2.20	1.80	1.40	1,010	720	202
NV	2.85	2.45	2.35	1,425	980	846
NJ	2.00	1.11	1.20	592	258	379
NC	2.10	1.80	1.55	2,856	2,052	2,356
ND	1.96	1.67	1.75	198,450	177,271	104,160
OK	2.15	1.60	1.80	452	376	211
OR	2.39	1.70	1.65	19,130	13,702	11,360
PA	2.01	1.52	1.40	9,158	7,638	6,958
SC	2.05	1.80	1.80	369	254	216
SD	2.23	1.82	2.00	10,169	8,299	7,104
TX	2.30	2.05	1.70	541	441	595
UT	2.29	1.86	1.70	18,274	13,122	11,570
VA	2.10	1.40	1.30	10,332	5,978	6,396
WA	2.27	1.58	1.60	80,630	53,404	46,256
WI	1.70	1.25	1.15	6,078	4,225	3,887
WY	3.32	2.63	1.60	27,888	18,778	11,696
US	2.38	1.98	2.05	861,620	686,517	552,941

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 1-59.—Barley: Area, yield, and production in specified countries, 1996/97–1998/99 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	4,888	4,700	4,269	3.18	2.88	2.98	15,562	13,527	12,709
Mexico	309	225	225	1.99	1.69	2.60	614	380	585
United States	2,714	2,508	2,373	3.15	3.12	3.23	8,544	7,835	7,667
Total	7,911	7,433	6,867	3.12	2.93	3.05	24,720	21,742	20,961
South America:									
Argentina	250	320	215	2.13	2.88	2.51	533	920	540
Bolivia	85	85	85	0.76	0.76	0.76	65	65	65
Brazil	127	148	145	1.93	2.33	2.14	245	345	310
Chile	22	27	27	3.68	4.26	3.00	81	115	81
Colombia	20	10	10	2.00	2.00	2.00	40	20	20
Ecuador	35	35	35	1.00	1.00	1.00	35	35	35
Peru	90	100	130	1.11	1.00	1.15	100	100	150
Uruguay	146	119	85	2.34	1.66	2.18	341	198	185
Total	775	844	732	1.86	2.13	1.89	1,440	1,798	1,386
Europe:									
Austria	260	261	265	4.17	4.82	4.57	1,083	1,258	1,212
Belgium-Luxembourg	70	65	65	5.71	6.77	6.15	400	440	400
Denmark	738	720	686	5.36	5.40	5.20	3,953	3,887	3,565
Finland	543	583	578	3.61	3.44	2.28	1,959	2,004	1,315
France	1,527	1,681	1,631	6.25	6.06	6.49	9,540	10,181	10,591
Germany	2,208	2,274	2,181	5.47	5.89	5.74	12,074	13,399	12,516
Greece	148	130	190	2.60	2.69	2.11	385	350	400
Ireland	184	180	185	6.39	5.83	5.81	1,175	1,049	1,075
Italy	359	357	364	3.76	3.31	3.79	1,350	1,180	1,379
Netherlands	36	42	39	6.53	6.38	5.49	235	268	214
Portugal	46	43	19	1.50	0.91	1.05	69	39	20
Spain	3,530	3,707	3,525	2.72	2.32	3.09	9,600	8,600	10,900
Sweden	459	487	429	4.60	4.36	3.93	2,113	2,125	1,686
United Kingdom	1,267	1,328	1,255	6.14	5.89	5.28	7,780	7,828	6,630
Total	11,375	11,858	11,412	4.55	4.44	4.55	51,716	52,608	51,903
Norway	175	175	158	3.83	3.77	3.92	670	660	620
Switzerland	55	50	47	6.58	6.28	6.96	362	314	327
Total W. Europe	230	225	205	4.49	4.33	4.62	1,032	974	947
Albania	10	10	10	3.00	3.00	3.00	30	30	30
Bulgaria	290	290	280	1.72	2.76	2.68	500	800	750
Czech Republic	600	647	578	3.77	3.84	3.62	2,262	2,485	2,093
Hungary	326	370	369	2.85	3.73	3.54	930	1,380	1,305
Poland	1,130	1,242	1,138	3.04	3.11	3.17	3,437	3,866	3,612
Romania	500	617	550	2.22	3.06	2.25	1,110	1,889	1,240
Slovakia	226	243	249	3.18	3.58	3.51	718	869	875
Yugoslavia	260	250	260	2.04	2.76	2.52	530	690	655
Total E. Europe	3,342	3,669	3,434	2.85	3.27	3.08	9,517	12,009	10,560

See footnotes at end of table.

Table 1-59.—Barley: Area, yield, and production in specified countries, 1996/97–1998/99 [1]—Continued

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	153	115	80	1.48	1.70	1.88	227	195	150
Armenia	78	75	85	1.35	1.20	0.82	105	90	70
Byelarus	935	930	900	2.35	2.58	2.11	2,194	2,400	1,900
Estonia	147	150	150	2.16	1.87	1.87	317	280	280
Georgia	32	35	35	0.88	1.14	1.14	28	40	40
Kyrgyzstan	108	80	80	1.69	1.94	1.88	183	155	150
Kazakhstan	3,600	3,338	1,800	0.75	0.80	0.61	2,700	2,670	1,100
Latvia	191	180	180	1.95	2.00	1.94	372	360	350
Lithuania	474	504	500	2.49	2.58	2.60	1,178	1,300	1,300
Moldova	59	106	90	2.59	2.26	2.89	153	240	260
Russian Fed.	11,853	12,600	11,300	1.34	1.65	0.87	15,900	20,800	9,800
Tajikistan	30	20	20	0.67	1.00	1.00	20	20	20
Turkmenistan	23	20	20	1.09	1.00	1.00	25	20	20
Ukraine	3,426	3,704	3,567	1.67	2.00	1.65	5,725	7,407	5,870
Uzbekistan	163	100	100	1.25	1.50	0.80	203	150	80
Total	21,272	21,957	18,907	1.38	1.65	1.13	29,330	36,127	21,390
Africa:									
Algeria	1,280	264	850	1.41	0.72	0.85	1,800	190	720
Egypt	55	55	55	3.09	3.09	3.09	170	170	170
Ethiopia	1,450	1,500	1,500	1.10	1.00	1.00	1,600	1,500	1,500
Kenya	85	85	85	1.06	1.06	1.06	90	90	90
Libya	280	280	280	0.36	0.30	0.30	100	85	85
Morocco	2,430	1,996	2,426	1.58	0.66	0.81	3,831	1,324	1,970
South Africa, Rep. of	127	132	112	1.39	1.38	1.92	176	182	215
Tunisia	712	260	300	1.21	0.77	1.00	861	200	300
Zimbabwe	5	5	5	3.00	3.00	3.00	15	15	15
Total	6,424	4,577	5,613	1.35	0.82	0.90	8,643	3,756	5,065
Asia:									
Afghanistan	220	220	230	1.00	1.36	1.43	220	300	330
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	1,300	1,300	1,200	3.08	3.08	2.92	4,000	4,000	3,500
Cyprus	60	60	60	2.00	2.50	2.50	120	150	150
India	824	757	854	1.83	1.93	1.95	1,510	1,462	1,669
Iran	1,950	1,500	1,550	1.38	1.67	1.48	2,700	2,500	2,300
Israel	12	10	8	0.50	0.60	0.50	6	6	4
Iraq	1,300	1,200	1,300	0.92	0.67	0.92	1,200	800	1,200
Japan	57	57	55	4.09	3.39	2.62	233	193	144
Jordan	50	85	85	0.86	0.53	0.53	43	45	45
Korea, Rep. of	95	69	100	4.34	3.75	4.00	412	259	400
Lebanon	5	5	5	1.20	1.20	1.20	6	6	6
Nepal	35	35	35	1.00	1.00	1.00	35	35	35
Pakistan	172	152	163	1.01	0.99	1.07	174	150	174
Saudi Arabia	71	63	57	6.34	6.35	7.02	450	400	400
Syria	1,550	1,572	1,543	1.07	0.63	0.56	1,653	983	869
Turkey	3,650	3,700	3,600	1.97	1.97	2.11	7,200	7,300	7,600
Yemen	50	50	50	1.08	0.94	1.20	54	47	60
Total	11,413	10,847	10,907	1.75	1.72	1.73	20,026	18,646	18,896
Oceania:									
Australia	3,409	3,455	3,090	1.96	1.88	1.84	6,696	6,482	5,680
New Zealand	78	80	78	4.94	5.00	5.00	385	400	390
Total	3,487	3,535	3,168	2.03	1.95	1.92	7,081	6,882	6,070
World total	66,240	64,976	61,246	2.32	2.38	2.24	153,507	154,594	137,180

[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 1-60.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1989–98

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*
1989	727	130	4.0	3.5	0.6	40.0	16.1
1990	773	136	4.3	3.5	0.6	42.7	17.0
1991	791	137	4.5	3.5	0.6	43.7	17.2
1992	817	139	4.7	3.5	0.6	45.4	17.7
1993	853	143	5.0	3.3	0.6	49.5	19.1
1994	871	144	5.2	3.6	0.6	52.0	19.8
1995	858	142	5.4	3.2	0.5	52.5	19.9
1996	896	149	5.4	3.5	0.6	53.3	20.0
1997	902	150	5.4	3.3	0.5	54.7	20.3
1998 [9]	911	146	5.4	3.7	0.6	56.7	20.8

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*
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	2.7	72.9	3.9	4.0	77.4	6.5	6.1	0.7
1993	831	14.7	3.1	76.2	3.9	4.0	78.3	6.5	6.3	0.7
1994	862	14.0	3.6	78.4	3.9	4.3	79.2	6.5	6.4	0.7
1995	885	13.2	4.1	80.2	4.0	4.5	80.0	6.5	6.6	0.7
1996	925	12.5	4.6	82.0	4.0	4.8	81.4	6.6	6.7	0.7
1997	954	11.8	5.0	85.9	3.8	5.0	82.2	6.5	6.9	0.7
1998 [9]	961	11.0	5.5	87.9	3.7	5.8	83.0	6.5	7.1	0.7

[1] Data are in marketing year; for corn, September 1-August 31; for oats and barley, June 1-May 31; and rice, August 1-July 31. Wheat, rye, syrup, and sugar are in calendar year. [2] Excludes quantities used in alcoholic beverages. [3] Includes white, whole wheat, and semolina flour. [4] Does not include shipments to U.S. territories. Excludes rice used in alcholic 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) 694-5290. 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 1-61.—Barley: Support operations, United States, 1990–99

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*
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	7.3	0.0	0.0
1997/98	0.277	1.57	NA	33.3	9.3	0.0	0.0
1998/99	0.284	1.56	NA	25.6	7.3	1.5	0.3
1999/2000	0.271	1.59	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) 720–8838.

Table 1-62.—Sorghum: Area, yield, production, and value, United States, 1990–99

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*
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	9,787	8,882	72.7	645,741	2.13	1,323,801	362	11.9	4,316
1995	9,429	8,253	55.6	458,648	3.19	1,395,413	413	10.3	4,242
1996	13,097	11,811	67.3	795,274	2.34	1,986,316	423	11.8	4,976
1997	10,052	9,158	69.2	633,545	2.21	1,408,909	412	13.1	5,385
1998	9,626	7,723	67.3	519,933	1.66	905,468	308	11.4	3,526
1999 [4]	9,288	8,544	69.7	595,166	1.65	970,966	320	11.6	3,716

[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 1-63.—Sorghum grain: Stocks on and off farms, United States, 1991–2000

Year beginning previous Dec.	On farms				Off farms [1]			
	Dec. 1	Mar. 1	Jun. 1	Sep. 1	Dec. 1	Mar. 1	Jun. 1	Sep. 1
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	222,149	129,641	56,433	12,871
1997	144,590	76,980	38,815	15,487	322,818	197,374	80,329	31,974
1998	99,625	56,760	27,200	13,700	274,244	177,916	68,944	35,203
1999	95,900	60,900	27,400	13,800	239,416	161,536	88,680	51,363
2000	89,300	NA	NA	NA	259,264	NA	NA	NA

[1] Includes stocks at mills, elevators, warehouses, terminals, and processors. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 1-64.—Sorghum: Supply and disappearance, United States, 1989–98

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 owned [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*
1989	440	615	1,055	508	20	528	307	835	57	163	220
1990	220	573	793	401	17	418	233	651	78	65	143
1991	143	585	727	366	17	383	291	674	45	8	53
1992	53	875	928	457	19	476	277	753	171	4	175
1993	175	534	709	440	20	460	202	662	47	1	48
1994	48	646	693	377	22	399	223	622	71	1	72
1995	72	459	530	295	19	314	198	512	18	0	18
1996	18	795	814	516	45	561	205	766	47	0	47
1997	47	634	681	365	55	420	212	632	49	0	49
1998 [3]	49	520	569	262	45	307	197	504	65	0	65

[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 1-65.—Sorghum: Area, yield, and production, by States, 1997–99

State	Area planted for all purposes			Sorghum for grain								
				Area harvested			Yield per harvested acre			Production		
	1997	1998	1999	1997	1998	1999	1997	1998	1999	1997	1998	1999
	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	10	9	11	6	6	7	50.0	45.0	42.0	300	270	294
AR	160	140	130	150	130	125	74.0	53.0	78.0	11,100	6,890	9,750
CO	190	200	230	150	185	205	40.0	57.0	42.0	6,000	10,545	8,610
GA	65	50	50	40	30	30	45.0	38.0	45.0	1,800	1,140	1,350
IL	120	110	100	115	107	97	91.0	74.0	95.0	10,465	7,918	9,215
KS	3,650	3,500	3,600	3,400	3,300	3,400	78.0	80.0	76.0	265,200	264,000	258,400
KY	11	10	10	9	8	8	65.0	80.0	80.0	585	640	640
LA	90	130	240	88	125	235	75.0	60.0	82.0	6,600	7,500	19,270
MS	35	40	60	33	36	56	75.0	65.0	87.0	2,475	2,340	4,872
MO	420	330	320	400	320	310	92.0	83.0	71.0	36,800	26,560	22,010
NE	900	700	550	750	600	470	81.0	94.0	91.0	60,750	56,400	42,770
NM	245	200	150	227	65	135	44.0	45.0	55.0	9,988	2,925	7,425
NC	20	21	19	11	12	12	50.0	45.0	46.0	550	540	552
OK	490	410	440	450	340	400	50.0	45.0	45.0	22,500	15,300	18,000
SC	6	6	8	4	3	6	43.0	35.0	43.0	172	105	258
SD	270	200	200	160	140	80	71.0	71.0	58.0	11,360	9,940	4,640
TN	20	20	20	15	16	18	70.0	70.0	70.0	1,050	1,120	1,260
TX	3,350	3,550	3,150	3,150	2,300	2,950	59.0	46.0	63.0	185,850	105,800	185,850
US	10,052	9,626	9,288	9,158	7,723	8,544	69.2	67.3	69.7	633,545	519,933	595,166

NASS, Crops Branch, (202) 720–2127.

Table 1-66.—Sorghum: Utilization for silage, by States, 1997–99

State	Silage								
	Area harvested			Yield per acre			Production		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	2	2	2	10.0	10.0	7.0	20	20	14
AR	5	4	4	10.0	8.0	9.0	50	32	36
CO	18	11	10	13.0	13.0	17.0	234	143	170
GA	15	15	15	10.0	9.0	10.0	150	135	150
IL	3	1	2	12.0	12.0	8.7	36	12	17
KS	130	80	90	15.0	15.0	16.0	1,950	1,200	1,440
KY	1	1	1	13.0	14.0	10.0	13	14	10
LA	1	2	1	10.0	10.0	12.0	10	20	12
MS	2	3	3	8.0	8.0	9.0	16	24	27
MO	9	5	4	11.0	10.0	8.0	99	50	32
NE	40	35	20	10.5	11.0	12.5	420	385	250
NM	15	12	10	17.0	19.0	16.0	255	228	160
NC	4	4	4	10.0	9.0	9.0	40	36	36
OK	22	18	16	12.0	7.0	5.0	264	126	80
SC	2	3	2	15.0	7.0	7.0	30	21	14
SD	60	30	65	10.5	11.0	7.5	630	330	488
TN	3	2	1	16.0	15.0	10.0	48	30	10
TX	80	80	70	14.0	9.0	11.0	1,120	720	770
US	412	308	320	13.1	11.4	11.6	5,385	3,526	3,716

NASS, Crops Branch, (202) 720–2127.

Table 1-67.—Sorghum grain: Marketing year average price and value, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per bushel			Value of production		
	1997	1998	1999	1997	1998	1999
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	2.21	2.30	1.95	663	621	573
AR	2.57	1.88	1.70	28,527	12,953	16,575
CO	2.19	1.65	1.40	13,140	17,399	12,054
GA	2.63	2.13	1.80	4,734	2,428	2,430
IL	2.38	1.90	1.65	24,907	15,044	15,205
KS	2.13	1.60	1.55	564,876	422,400	400,520
KY	2.54	1.98	1.75	1,486	1,267	1,120
LA	2.46	2.10	1.85	16,236	15,750	35,650
MS	2.49	1.91	1.90	6,163	4,469	9,257
MO	2.20	1.71	1.75	80,960	45,418	38,518
NE	2.15	1.68	1.65	130,613	94,752	70,571
NM	2.49	2.10	1.85	24,870	6,143	13,736
NC	2.58	2.02	1.70	1,419	1,091	938
OK	2.21	1.78	1.65	49,725	27,234	29,700
SC	2.30	1.90	1.80	396	200	464
SD	1.99	1.30	1.20	22,606	12,922	5,568
TN	2.57	1.91	1.70	2,699	2,139	2,142
TX	2.34	2.11	1.70	434,889	223,238	315,945
US	2.21	1.66	1.65	1,408,909	905,468	970,966

NASS, Crops Branch, (202) 720–2127.

Table 1-68.—Sorghum grain: Support operations, United States, 1990–99

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.*
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	7.0	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	2.6	0.0	0.0
1997/98	0.971	3.14	NA	9.8	2.8	0.1	0.1
1998/99	0.807	3.11	NA	12.0	4.1	0.6	0.2
1999/2000	0.777	3.11	NA	.....	.....	.....	.....

[1] Payment rates for the 1995/96 and prior crops 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) 720–8838.

Table 1-69.—Course grains: International trade, 1997–99 [1]

Country	1996/97	1997/98	1998/99 [2]
	1,000 metric tons	*1,000 Metric tons*	*1,000 metric tons*
Exports:			
Argentina	11,065	14,265	8,475
Australia	4,270	3,233	4,752
Canada	5,631	3,430	3,261
China	3,986	6,203	3,354
South Africa	2,266	1,064	1,000
Russia	401	1,386	200
Turkey	383	1,502	1,320
EU	7,645	4,476	10,250
Others	6,027	6,012	5,615
Subtotal	41,674	41,571	38,227
United States	53,026	43,961	57,710
Total	94,700	85,532	95,937
Imports:			
Algeria	1,187	1,295	1,700
Brazil	656	1,431	1,093
Canada	901	1,441	948
Chile	837	859	1,318
China	2,125	1,542	2,870
Colombia	1,932	1,957	1,700
Costa Rica	375	382	429
Dominican Republic	733	671	816
Ecuador	150	281	321
Egypt	3,229	3,268	3,775
Iran	2,275	1,303	1,350
Israel	1,498	939	1,350
Japan	20,526	20,984	20,629
Jordan	1,057	696	875
Korea, North	503	347	200
Korea, South	8,730	7,598	7,747
Libya	999	567	600
Malaysia	2,485	2,145	2,500
Mexico	5,415	7,980	9,122
Morocco	761	827	1,858
Peru	906	1,309	1,060
Poland	1,111	581	350
Romania	195	142	175
Russia	846	288	1,700
Saudi Arabia	7,488	5,295	6,300
South Africa	462	274	450
Syria	464	477	775
Taiwan	6,013	4,757	4,745
Thailand	237	245	150
Tunisia	703	516	975
Turkey	1,085	842	1,150
Venezuela	1,500	1,161	1,500
Zimbabwe	205	417	350
EU	2,834	2,405	3,310
O.W. Europe	1,253	733	801
United States	3,270	2,934	2,659
Subtotal	84,946	78,889	87,651
Other Countries	7,763	5,088	6,390
Unaccounted	1,991	1,555	1,896
World Total	94,700	85,532	95,937

[1] Year beginning Oct 1. [2] 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 1-70.—Feedgrains: United States food aid under specified Government programs, 1992-99

Year	Public Law 480			Section 416(b)[4]	Food for progress			Commodity totals
	Title I[1]	Title II[2]	Title III[3]		Title I[5]	Section 416(b)[6]	CCC Purchases[7]	
	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*
1992	554	292	444	1,514	0	0	0	2,804
1993	791	129	70	785	2,386	0	932	5,093
1994	151	359	108	130	5	0	0	753
1995	121	413	61	0	0	0	16	611
1996	0	254	0	0	0	0	16	270
1997	0	291	0	0	0	0	22	313
1998	18	397	0	0	0	0	9	424
1999	590	257	0	269	0	0	4	1,120

[1] P.L. 480 Title I - Based on Program Summary as of September 25, 1999, and the food assistance package announced by the Secretary of Agriculture on Nov. 6, 1998. The total does not reflect ocean freight financing of $66.9 million. [2] P.L. 480, Title II - Based on Approved Program Summary Country/Sponsor/Commodity Profile as of October 4, 1999. For Title II the total does not reflect ocean freight costs of $386.1 million. [3] P.L. 480, Title III: Based on Approved Program Summary Country/Sponsor/Commodity Profile as of October 4, 1999. The total does not reflect freight cost. [4] Section 416 (b): Regular 416 - Based on 416(b) Status Report as of November 4, 1999. [5] Food for Progress: Title I - Based on P.L. 480, Title I Program Summary as of September 25, 1999. The total does not reflect oceans freight grants of $27.1 million. [6] Section 416 (b) - Based on 416(b) Status Report as of November 4, 1999. [7] CCC Purchases - Based on Extel Database as of November 4, 1999.

FAS, CCC Program Support Division, (202) 720–9843.

Table 1-71.—Commercial feeds: Disappearance for feed, United States, 1989–98

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*
1989	22,291	2,266	139	124	299	25,119	2,557	357	461	3,375
1990	22,934	2,663	124	113	337	26,171	2,527	275	458	3,260
1991	23,008	3,114	127	172	496	26,917	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	2,961	134	181	478	30,365	2,536	290	420	3,246
1996	27,320	3,113	154	141	462	31,190	2,783	308	428	3,519
1997	28,895	2,956	190	95	531	32,667	2,501	270	406	3,177
1998[3]	30,662	2,534	174	107	635	34,112	2,621	308	392	3,321

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*
1989	6,191	199	613	331	7,333	35,828
1990	6,600	18	612	367	7,597	37,028
1991	6,846	602	584	292	8,324	38,509
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	7,373	881	602	255	9,111	42,722
1996	7,280	1,833	559	248	9,921	44,630
1997	7,030	1,914	547	276	9,767	45,611
1998[3]	7,065	1,348	589	225	9,226	46,659

[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 1-72.—High-protein feeds: Quantity for feeding, high-protein animal units, quantity per animal unit, and prices, United States, 1989–98

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 u nits*	*Pounds*	*Index numbers 1992=100*
1989	24,520	2,614	27,134	3,669	118	30,921	117.2	528	94
1990	25,227	2,995	28,222	3,529	11	31,762	120.7	526	90
1991	25,309	3,618	28,927	3,527	359	32,812	123.5	531	95
1992	26,676	3,078	29,754	3,661	354	33,770	126.2	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	3,474	32,746	3,547	524	36,818	132.2	557	114
1996	30,052	3,577	33,629	3,870	1,092	38,590	133.1	580	136
1997	31,785	3,474	35,258	3,475	1,140	39,873	136.2	585	100
1998	33,728	3,172	36,900	3,663	803	41,366	138.5	597	70

[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 1-73.—Feed concentrates: Fed to livestock and poultry, 1989–98

Year beginning October	Feed grains				Wheat [2]	Rye [2]	By-product feeds [3]	Total con-cen-trates	Grain con-suming animal units	Concen-trates fed per grain-consum-ing animal unit
	Corn [1]	Sor-ghum [1]	Oats [2] and barley [2]	Total						
	Million tons	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Million tons*	*Millions*	*Tons*
1989	122.7	14.2	9.8	146.8	8.2	0.3	42.3	197.6	77.3	2.56
1990	129.0	11.2	9.7	150.0	13.3	0.2	43.9	207.3	80.0	2.59
1991	134.3	10.2	9.6	154.2	6.9	0.2	45.3	206.6	80.7	2.56
1992	147.1	12.8	8.4	168.3	4.3	0.2	46.7	219.4	82.8	2.65
1993	131.2	12.3	10.2	153.7	10.6	0.2	48.3	212.7	84.0	2.53
1994	153.2	10.6	8.5	172.2	8.2	0.2	50.0	230.5	84.4	2.73
1995	131.8	8.3	7.2	147.3	6.8	0.2	49.4	203.7	85.0	2.40
1996	148.4	14.4	6.5	169.3	8.5	0.1	52.2	230.1	85.3	2.70
1997	154.1	10.2	6.6	170.9	9.7	0.1	53.3	234.1	87.9	2.66
1998	153.9	7.3	6.2	167.4	7.5	0.1	54.2	229.3	88.6	2.59

[1] Marketing year beginning Sept. 1. [2] Marketing year beginning June1. [3] Oilseed meals, animal protein feeds, mill by-products, and mineral supplements.

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

Table 1-74.—Feed: Consumed per head and per unit of production, by class of livestock or poultry, with quantity expressed in equivalent feeding value of corn, 1989–98

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*
1989	12,686	87	6,491	9,336	5,298	5,873	1,304	1,271	1,603
1990	12,762	86	6,504	9,446	5,302	5,942	1,316	1,272	1,636
1991	12,700	82	6,493	9,357	5,299	5,878	1,305	1,271	1,553
1992	12,877	82	6,523	9,616	5,308	5,954	1,330	1,274	1,568
1993	12,648	79	6,460	9,314	5,300	5,899	1,317	1,287	1,531
1994	13,086	80	6,527	9,922	5,324	5,965	1,344	1,293	1,633
1995	12,421	76	6,423	8,934	5,290	5,815	1,292	1,266	1,610
1996	13,052	78	6,552	9,827	5,332	6,007	1,359	1,291	1,632
1997	12,983	76	6,546	9,747	5,331	6,027	1,329	1,311	1,522
1998 [4]	12,787	73	6,800	9,731	5,387	6,054	1,296	1,276	1,519

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*
1989	122	49	29	787	10.8	260	91	461	591	3,357
1990	124	50	29	795	10.9	259	92	433	625	3,218
1991	123	49	29	792	10.8	252	91	431	617	3,917
1992	126	51	30	822	11.1	256	94	426	603	4,104
1993	122	49	29	793	10.8	244	91	405	595	4,211
1994	131	52	31	844	11.6	257	97	432	625	4,455
1995	117	45	28	828	10.3	226	87	386	545	4,450
1996	130	51	31	978	11.5	242	96	402	620	4,747
1997	129	51	31	982	11.3	238	95	381	641	4,730
1998 [4]	127	50	30	984	11.2	240	93	370	593	4,700

[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) 694–5290.

Table 1-75.—Feed: Consumed by livestock and poultry, by type of feed, with quantity expressed in equivalent feeding value of corn, 1989–98

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*
1989	208	74	176	458	1994	244	81	184	509
1990	218	78	171	468	1995	218	80	186	484
1991	218	79	175	472	1996	244	81	179	504
1992	231	82	174	487	1997	249	81	173	504
1993	226	77	183	486	1998 [1]	245	81	173	499

[1] Preliminary.

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

Table 1-76.—Animal units fed: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1989–98 [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*
1989	77,290	73,583	74,599	1994	84,377	78,040	79,994
1990	79,994	73,332	75,477	1995	85,015	78,128	80,277
1991	80,699	74,692	76,560	1996	85,341	76,420	79,363
1992	82,760	75,311	77,719	1997	87,948	74,861	79,414
1993	84,000	76,450	78,876	1998 [5]	88,559	74,530	79,416

[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.

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

Table 1-77.—Feed grains: Average price, selected markets and grades, 1993–99 [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*
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
1998	2.49	2.93	4.11	2.39	2.50	1.86	1.70
1999	2.01	2.42	3.29	1.88	.....	1.86	1.33

Crop year [2]	Omaha: Corn, No. 2 Yellow	Chicago: Corn, No. 2 Yellow	Texas High Plains: Sorghum, No. 2 Yellow	Memphis		St. Louis: Corn, No. 2 Yellow
				Corn, No. 2 Yellow	Barley, No. 2 Western	
	Dollars per bushel	*Dollars per bushel*	*Dollars per cwt.*	*Dollars per bushel*	*Dollars per bushel*	*Dollars per cwt.*
1993	2.10	2.23	4.06	2.27	5.99	2.25
1994	2.58	2.68	4.95	2.68	6.61	2.67
1995	2.31	2.44	4.75	2.51	5.79	2.51
1996	3.87	3.97	7.30	4.02	7.45	4.06
1997	2.70	2.84	5.02	2.88	7.84	2.90
1998	2.36	2.56	4.72	2.59	6.68	2.62
1999	1.88	2.15	3.79	2.13	.....	2.17

[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.

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

Table 1-78.—Feedstuffs: Average price per ton bulk, in wholesale lots, at leading markets, 1993–98

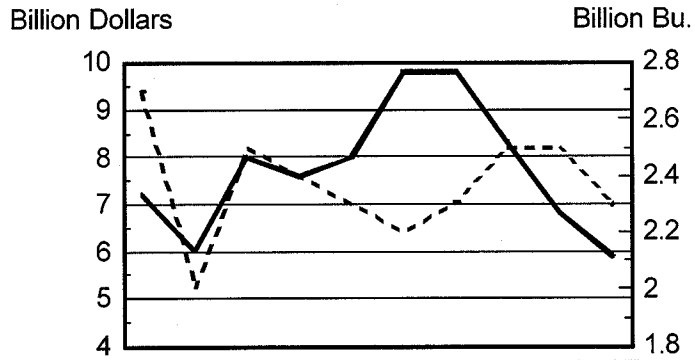
Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Meat meal	Fish meal	Wheat bran	Wheat middlings
	44% protein	49–50% protein	41% protein	41% protein	34% protein	50% protein	60% protein	Kansas City	Min-neapolis
	Decatur	Decatur	Kansas City	Memphis	Min-neapolis	Kansas City	Gulf Coast		
	Dol-lars per ton	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*
1993	179.80	203.00	180.50	169.60	132.50	204.40	335.40	80.60	68.10
1994	152.50	171.70	129.40	120.80	95.00	168.70	365.00	65.50	53.90
1995	225.10	243.10	208.80	19.70	159.00	231.50	478.70	120.30	108.00
1996	260.40	279.70	207.50	91.40	158.70	271.80	502.60	88.30	80.20
1997	175.00	196.10	162.60	144.00	117.50	180.90	545.60	73.30	61.20
1998	132.00	138.50	132.20	109.60	84.50	138.10	387.50	55.90	60.90

Year beginning October	Wheat shorts or mid-dlings	Wheat millrun	Gluten feed	Hominy feed	Distillers' dried grains	Brewers' dried grains	Alfalfa meal		Blackstrap molasses
			21% protein				Dehy-drated, 17% pro-tein	Sun-cured	
	Kansas City	Portland	Illinois Points	Illinois Points	Lawrence-burg [1]	Colum-bus	Kansas City	Kansas City	New Orleans
	Dol-lars per ton	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*	*Dol-lars per ton*
1993	80.60	88.70	89.30	80.50	123.80	.....	124.70	114.2	62.50
1994	66.30	82.00	82.00	83.80	105.40	73.40	118.40	112.7	71.20
1995	120.40	118.70	119.30	132.10	156.10	134.40	130.40	122	77.50
1996	80.30	95.70	90.20	88.90	139.80	134.60	142.70	130.9	60.10
1997	73.30	74.30	67.20	78.90	105.80	107.20	126.80	115	51.50
1998	55.90	54.30	60.40	62.20	85.20	84.20	101.50	92.00	35.50

[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.

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

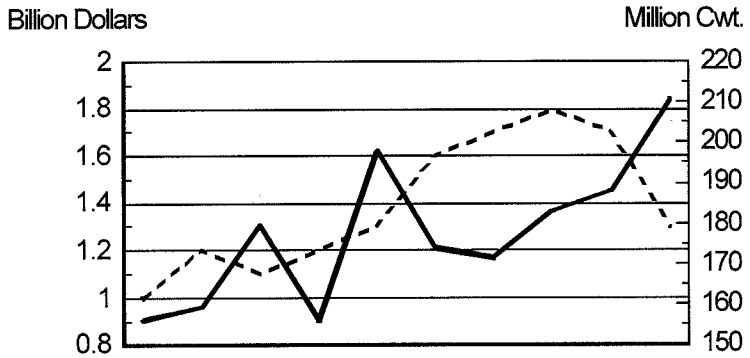
All Wheat: Production & Value of Production 1990-99



Year	90	91	92	93	94	95	96	97	98	99
Production - -	2.7	2.0	2.5	2.4	2.3	2.2	2.3	2.5	2.5	2.3
Value of Prod.—	7.2	6.0	8.0	7.6	8.0	9.8	9.8	8.3	6.8	5.9

NASS Table 1-2

Rice, Rough: Production & Value of Production 1990-99



Year	90	91	92	93	94	95	96	97	98	99
Production —	156.1	159.4	179.7	156.1	197.8	173.9	171.6	183.0	188.1	210.5
Value of Prod. - -	1.0	1.2	1.1	1.2	1.3	1.6	1.7	1.8	1.7	1.3

NASS Table 1-22

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, 1990–99

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*
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	14,652.5	12,888.1	705	18,942.0	70.5	6,408,144
1997	13,898.0	13,406.0	673	18,793.0	66.2	5,975,585
1998	13,392.5	10,683.6	625	13,918.2	61.7	4,119,911
1999 [2]	14,855.0	13,381.0	608	16,952.9	47.1	3,836,490

[1] 480-pound net weight bales. [2] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 2-2.—Cotton: Area, yield, and production, by States, 1997–99

State	Area planted			Area harvested			Yield per harvested acre			Production [1]		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 bales* [3]	*1,000 bales* [3]	*1,000 bales* [3]
Upland:												
AL	535.0	495.0	565.0	442.0	475.0	560.0	597	559	549	550.0	553.0	640.0
AZ	325.0	250.0	265.0	324.0	248.0	264.0	1,255	1,177	1,236	847.0	608.0	680.0
AR	980.0	920.0	970.0	965.0	900.0	960.0	837	645	715	1,683.0	1,209.0	1,430.0
CA	880.0	650.0	610.0	875.0	620.0	605.0	1,202	887	1,250	2,191.0	1,146.0	1,575.0
FL	100.0	89.0	107.0	99.0	80.0	106.0	577	489	589	119.1	81.5	130.0
GA	1,440.0	1,370.0	1,470.0	1,425.0	1,280.0	1,300.0	646	578	580	1,919.0	1,542.0	1,570.0
KS	12.0	17.0	33.0	10.0	16.5	28.0	418	404	384	8.7	13.9	22.4
LA	655.0	535.0	615.0	650.0	525.0	610.0	728	586	708	986.0	641.0	900.0
MS	985.0	950.0	1,200.0	970.0	940.0	1,180.0	901	737	708	1,821.0	1,444.0	1,740.0
MO	395.0	370.0	380.0	390.0	357.0	375.0	695	471	595	565.0	350.0	465.0
NM	70.0	66.3	70.0	66.0	60.3	67.0	676	640	609	93.0	80.4	85.0
NC	690.0	710.0	880.0	685.0	705.0	800.0	652	699	486	930.0	1,026.0	810.0
OK	200.0	160.0	240.0	190.0	120.0	150.0	462	560	464	183.0	140.0	145.0
SC	290.0	290.0	330.0	286.0	286.0	315.0	688	587	419	410.0	350.0	275.0
TN	490.0	450.0	570.0	480.0	445.0	565.0	662	589	501	662.0	546.0	590.0
TX	5,500.0	5,650.0	6,150.0	5,200.0	3,300.0	5,100.0	474	524	475	5,140.0	3,600.0	5,050.0
VA	101.0	92.0	110.0	100.0	91.0	108.0	659	765	667	137.2	145.1	150.0
US	13,648.0	13,064.3	14,565.0	13,157.0	10,448.8	13,093.0	666	619	596	18,245.0	13,475.9	16,257.4
American-Pima:												
AZ	22.0	15.9	9.5	22.0	15.5	9.5	912	830	960	41.8	26.8	19.0
CA	185.0	200.0	240.0	184.0	180.0	239.0	1,141	941	1,245	437.2	352.8	620.0
NM	11.0	7.3	7.5	11.0	7.3	7.5	641	658	608	14.7	10.0	9.5
TX	32.0	105.0	33.0	32.0	32.0	32.0	815	791	705	54.3	52.7	47.0
US	250.0	328.2	290.0	249.0	234.8	288.0	1,056	904	1,159	548.0	442.3	695.5
US, all	13,898.0	13,392.5	14,855.0	13,406.0	10,683.6	13,381.0	673	625	608	18,793.0	13,918.2	16,952.9

[1] Production ginned and to be ginned. [2] Preliminary. [3] 480-pound net weight bales.
NASS, Crops Branch, (202) 720–2127.

Table 2-3.—Cotton: Production, marketing year average price per pound, and value, by States, 1997–99

State	Production			Price for crop of—			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	1,000 bales [2]	*1,000 bales* [2]	*1,000 bales* [2]	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Upland:									
AL	550.0	553.0	640.0	0.673	0.606	0.480	177,672	160,857	147,456
AZ	847.0	608.0	680.0	0.647	0.547	0.457	263,044	159,636	149,165
AR	1,683.0	1,209.0	1,430.0	0.657	0.635	0.483	530,751	368,503	331,531
CA	2,191.0	1,146.0	1,575.0	0.732	0.678	0.575	769,830	372,954	434,700
FL	119.1	81.5	130.0	0.654	0.542	0.425	37,388	21,203	26,520
GA	1,919.0	1,542.0	1,570.0	0.677	0.614	0.453	623,598	454,458	341,381
KS	8.7	13.9	22.4	0.579	0.561	0.381	2,418	3,743	4,097
LA	986.0	641.0	900.0	0.649	0.572	0.446	307,159	175,993	192,672
MS	1,821.0	1,444.0	1,740.0	0.649	0.604	0.470	567,278	418,644	392,544
MO	565.0	350.0	465.0	0.687	0.694	0.439	186,314	116,592	97,985
NM	93.0	80.4	85.0	0.577	0.625	0.471	25,757	24,120	19,217
NC	930.0	1,026.0	810.0	0.659	0.649	0.459	294,178	319,620	178,459
OK	183.0	140.0	145.0	0.579	0.550	0.381	50,859	36,960	26,518
SC	410.0	350.0	275.0	0.701	0.659	0.452	137,957	110,712	59,664
TN	662.0	546.0	590.0	0.653	0.619	0.438	207,497	162,228	124,042
TX	5,140.0	3,600.0	5,050.0	0.601	0.561	0.414	1,482,787	969,408	1,003,536
VA	137.2	145.1	150.0	0.675	0.692	0.471	44,453	48,196	33,912
US	18,245.0	13,475.9	16,257.4	0.652	0.602	0.449	5,708, 940	3,923,827	3,563,399
American-Pima:									
AZ	41.8	26.8	19.0	0.982	0.924	0.822	19,703	11,886	7,497
CA	437.2	352.8	620.0	1.020	0.923	0.817	214,053	156,305	243,139
NM	14.7	10.0	9.5	1.030	0.910	0.823	7,268	4,368	3,753
TX	54.3	52.7	47.0	0.983	0.930	0.829	25,621	23,525	18,702
US	548.0	442.3	695.5	1.014	0.924	0.818	266,645	196,084	273,091
US, all	18,793.0	13,918.2	16,952.9	0.662	0.617	0.471	5,975,585	4,119,911	3,836,490

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

NASS, Crops Branch, (202) 720–2127.

Table 2-4.—Cotton, American upland: Support operations, United States, 1990–99

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]
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	52.8	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	4,281	23.5	0	0
1998/99	8.200	51.92	NA	4,724	35.1	4	2,571
1999/2000	7.880	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) 720-8837.

Table 2-5.—Cotton: Area, yield, and production in specified countries, 1996/97–1998/99 [1]

Continent and country	Area			Yield per hectare			Bales		
	1996/97	1997/98	1998/99 [2]	1996/97	1997/98	1998/99 [2]	1996/97	1997/98	1998/99 [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	5,216	5,425	4,324	791	754	701	18,942	18,793	13,918
El Salvador	1	1	1	218	218	218	1	1	1
Guatemala	3	2	2	581	545	327	8	5	3
Honduras	2	2	2	436	436	218	4	4	2
Mexico	246	200	229	954	1,071	951	1,078	984	1,000
Nicaragua	4	4	4	653	544	544	12	10	10
Other incl. Caribbean	21	22	22	301	238	188	29	24	19
Total	5,493	5,656	4,584	796	763	710	20,074	19,821	14,953
South America:									
Argentina	880	850	650	369	360	301	1,493	1,406	900
Bolivia	40	50	35	544	435	467	100	100	75
Brazil	695	850	800	403	447	572	1,286	1,745	2,100
Colombia	86	54	55	623	681	673	246	169	170
Ecuador	20	20	15	435	218	174	40	20	12
Paraguay	105	200	140	429	381	451	207	350	290
Peru	109	85	60	623	384	617	312	150	170
Venezuela	34	32	30	397	388	363	62	57	50
Total	1,969	2,141	1,785	414	406	459	3,746	3,997	3,767
Europe:									
Greece	420	388	412	781	953	926	1,506	1,698	1,753
Italy	1	1	1	218	218	218	1	1	1
Spain	76	108	97	1,169	1,095	1,084	408	543	483
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	514	514	527	825	963	937	1,947	2,274	2,269
Former USSR	2,535	2,472	2,500	566	626	575	6,588	7,108	6,600
Africa:									
Angola	10	10	10	436	436	436	20	20	20
Cameroon	191	170	180	466	448	435	409	350	360
Central African Rep	58	65	70	312	301	233	83	90	75
Chad	285	400	420	293	272	156	384	500	300
Zaire	30	30	30	109	109	109	15	15	15
Kenya	55	55	55	99	119	119	25	30	30
Malawi	50	50	50	131	131	131	30	30	30
Morocco	1	1	1	218	218	218	1	1	1
Mozambique	150	185	190	145	153	172	100	130	150
Nigeria	210	350	300	452	200	218	436	322	300
Zimbabwe	313	315	320	323	332	359	464	480	528
South Africa, Rep. of	116	111	137	267	382	381	142	195	240
Sudan	280	265	150	358	329	363	460	400	250
Tanzania, United Rep. of	280	280	250	214	202	118	275	260	135
Uganda	100	50	250	174	218	61	80	50	70
Egypt	387	374	280	882	892	816	1,568	1,532	1,050
Other Africa	1,664	1,884	1,971	402	439	401	3,074	3,797	3,632
Total	4,180	4,595	4,664	394	389	335	7,566	8,202	7,186
Asia, Mid-East, and Oceania:									
Afghanistan	60	60	60	363	363	363	100	100	100
Australia	396	438	562	1,535	1,521	1,274	2,792	3,059	3,289
Burma	180	180	180	157	157	157	130	130	130
China, Peoples Rep. of	4,722	4,491	4,459	890	1,023	1,011	19,300	21,100	20,700
India	9,122	8,904	9,300	332	302	298	13,918	12,337	12,727
Iran	300	240	230	599	544	604	825	600	638
Iraq	65	20	20	218	435	435	65	40	40
Israel	30	30	30	1,814	1,742	1,706	250	240	235
Korea, Republic of	1	1	1	218	218	218	1	1	1
Pakistan	3,148	2,960	2,900	506	528	473	7,323	7,175	6,300
Yemen	40	40	40	354	354	354	65	65	65
Syria	220	251	272	1,150	1,375	1,232	1,162	1,585	1,539
Thailand	14	14	14	435	435	498	28	28	32
Turkey	743	722	757	1,055	1,101	1,107	3,600	3,651	3,850
Other Asia	86	86	86	286	294	289	113	116	114
Total	19,127	18,437	18,911	565	593	573	49,672	50,227	49,760
World total	33,818	33,815	32,971	577	590	558	89,593	91,629	84,535

[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, 1989–98

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*
1989	6,985	11,913	18,899	8,314	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	17,500	20,499	10,089	127	10,216	7,277	2,695
1996	2,695	18,393	21,474	10,601	101	10,702	6,708	3,895
1997	3,985	18,445	22,444	10,793	109	10,902	7,279	4,079
1998 [4]	4,079	13,469	17,956	10,067	143	10,210	4,087	3,866

[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 Program, (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, 1995–98

Fiber strength [1]	Year			
	1995	1996	1997	1998
17 and below	(*)	(*)	(*)	(*)
18	(*)	(*)	(*)	(*)
19	(*)	(*)	(*)	(*)
20	(*)	(*)	(*)	(*)
21	0.1	(*)	(*)	(*)
22	0.2	0.2	(*)	0.1
23	0.5	0.6	0.1	0.5
24	1.4	2.1	0.7	2.5
25	3.4	6.1	2.7	7.0
26	7.3	12.1	6.9	14.5
27	12.5	18.0	13.1	21.3
28	16.1	18.9	19.3	21.0
29	16.2	14.6	20.0	14.2
30	14.6	9.4	15.6	7.2
31	12.4	5.7	10.6	3.5
32	9.1	4.5	6.3	2.2
33	4.6	3.9	3.0	2.2
34	1.3	2.4	1.0	2.1
35	0.4	1.0	0.3	1.1
36 and above	0.1	0.4	0.1	0.5
Average	29.1	28.4	28.9	28.0

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

AMS, Cotton Program, (901) 384–3016.

Table 2-8.—Cotton, American upland: Estimated percentage of the crop forward contracted by growers, by States, 1991–98

State	Crop of—							
	1991	1992	1993	1994	1995	1996	1997	1998
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
AL	21	9	13	79	42	23	19	21
AZ	22	10	3	5	42	20	11	16
AR	42	27	27	42	69	49	53	53
CA	65	65	51	92	76	28	41	59
FL	.....	.....	.....	.....	.....	.....	12	15
GA	56	11	16	60	56	34	29	37
LA	8	4	3	11	33	17	26	27
MS	16	6	5	38	25	11	18	21
MO	66	45	24	78	89	59	71	94
NM	20	12	24	23	11	17	7	14
NC	61	27	12	70	57	74	37	53
OK	7	1	(*)	(*)	5	(*)	(*)	(*)
SC	60	31	23	55	69	43	49	56
TN	9	6	2	14	25	9	14	29
TX	15	1	5	28	47	18	13	28
US	25	14	12	40	48	28	24	36

[1] Less than 0.5 percent.

AMS, Cotton Program, (901) 384–3016.

Table 2-9.—Cotton, American upland: Carryover and crop, running bales, by grade groupings, United States, 1989–98

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:											
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
1997	689	1,463	750	43	1	57	423	273	33	57	3,789
1998	407	1,094	978	147	3	134	271	471	145	132	3,782
Crop:											
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	172	15,010
1994	2,314	5,697	4,138	495	23	783	1,654	2,299	793	316	18,510
1995	3,660	5,453	3,568	232	9	552	1,393	1,505	202	176	16,751
1996	3,219	6,629	3,413	233	16	481	1,602	1,513	339	224	17,669
1997	4,078	5,670	3,571	442	12	739	1,193	1,164	332	375	17,576
1998	1,821	3,893	3,486	251	5	385	849	1,669	419	234	13,012

[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 Program, (901) 384–3016.

Table 2-10.—Cotton, American upland: Carryover and crop, running bales, by staple groupings, United States, 1989–98

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:											
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
1997	(2)	(2)	(2)	2	6	30	235	947	1,471	1,099	3,789
1998	(2)	1	2	18	81	439	765	902	786	788	3,782
Crop:											
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
1997	.....	(2)	4	27	144	553	1,704	3,306	4,207	7,631	17,576
1998	(2)	2	15	81	307	887	2,282	3,692	3,202	2,544	13,012

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

AMS, Cotton Program, (901) 384–3016.

Table 2-11.—Cotton, American Pima: Carryover and crop, running bales, by grade and staple, United States, 1996–98

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:										
1996	32.2	27.9	10.5	8.7	1.3	0.1	17.3	57.5	5.8	80.7
1997	36.7	8.2	1.6	0.6	0.1	0.2	7.9	29.3	9.7	47.2
1998	27.3	45.4	21.6	0.1	.....	.....	13.5	60.1	20.9	94.5
Crop:										
1996	295.3	89.9	23.2	10.5	6.1	0.2	84.9	296.8	43.1	425.0
1997	371.8	65.9	8.5	2.8	1.0	0.2	74.4	331.2	44.1	449.9
1998	193.7	149.5	43.2	8.5	1.5	1.3	41.6	234.3	119.1	396.3

[1] Carryover as reported by the Bureau of the Census; Crop as reported by AMS, Cotton Division.
AMS, Cotton Program, (901) 384–3016.

Table 2-12.—Cotton, upland: Average staple length of upland cotton classed, by States, 1993–98

State	Average staple length (32ds of an inch) [1]					
	1993	1994	1995	1996	1997	1998
AL	35.1	35.3	34.9	35.3	35.3	34.2
AZ	35.9	36.1	35.6	35.9	35.3	35.5
AR	35.6	35.6	35.2	35.4	36.3	34.8
CA	36.2	36.5	36.6	36.5	36.3	36.8
FL	(2)	35.2	35.2	35.3	35.1	33.9
GA	34.8	35.2	34.9	35.2	34.6	34.1
LA	35.4	35.4	34.9	35.0	35.5	34.4
MS	35.4	35.2	35.2	34.9	36.1	34.6
MO	35.9	35.6	35.2	35.4	36.2	34.9
NM	36.9	36.9	36.7	37.3	36.7	36.2
NC	35.6	36.0	35.2	35.6	34.7	34.1
OK	33.8	33.8	33.4	34.7	34.8	34.5
SC	35.4	36.1	35.8	35.7	35.0	34.3
TN	35.4	35.1	35.1	35.3	36.1	34.4
TX	33.8	33.9	33.9	34.3	33.9	33.2
VA	(2)	36.5	(2)	35.7	35.1	34.5
Other States	35.3	(2)	35.2	(2)	(2)	(2)
US	35.0	35.2	35.0	35.2	35.1	34.3

[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 Program, (901) 384–3016.

Table 2-13.—Cotton: United States exports, by country of destination, 1996/97–1998/99

Country of destination	Year beginning August		
	1996–97	1997–98	1998–99
	1,000 bales [1]	*1,000 bales* [1]	*1,000 bales* [1]
Mexico	733	1,447	1,355
Japan	630	637	421
Korea; Republic of	568	712	382
Canada	253	288	281
Taiwan	255	376	251
Hong Kong	129	151	245
Indonesia	594	464	241
Turkey	411	585	140
Bangladesh	136	168	101
Thailand	197	220	82
China; Peoples Republic	1,756	737	71
Colombia	77	114	69
Philippines	84	53	60
Ireland	5	77	39
Malaysia	18	27	33
Belgium	29	33	31
Pakistan	52	67	30
Italy	46	85	29
Germany	23	30	20
Subtotal	5,996	6,271	3,881

Country of destination	Year beginning August		
	1996–97	1997–98	1998–99
	1,000 bales [1]	*1,000 bales* [1]	*1,000 bales* [1]
Sweden	19	26	19
Switzerland	18	10	14
Singapore	0	1	14
Spain	25	32	8
Brazil	190	215	6
United Kingdom	66	13	6
Denmark	10	8	5
Portugal	9	4	2
Netherlands	0	1	1
India	8	31	0
France	5	1	0
Peru	20	105	0
Tunisia	9	12	0
Venezuela	98	6	0
Greece	3	1	0
Guatemala	115	132	0
El Salvador	88	132	0
Ecuador	60	71	0
Ukraine	0	26	0
Vietnam	23	16	0
Other Countries	504	618	388
Total	7,266	7,732	4,344

[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, 1993/94–1998/99 [1]

Country	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
	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:						
United States	6,862	9,402	7,675	6,865	7,500	4,344
Uzbekistan, Republic	5,800	5,006	4,524	4,550	4,570	3,800
Australia	1,682	1,345	1,466	2,384	2,710	3,000
Syria	821	568	567	670	905	1,150
Greece	781	1,100	1,450	1,200	1,000	1,000
Mali	400	550	700	825	825	925
Argentina	317	905	1,222	1,332	1,000	750
Turkmenistan	1,700	1,470	919	525	500	750
Cote d'Ivoire	369	575	365	371	450	600
Benin	480	450	600	680	645	600
Burkina	200	275	271	360	550	525
Egypt	525	307	87	211	322	450
Tajikistan, Republic	625	666	450	400	370	425
Chad	150	265	260	360	465	290
Sudan	200	350	425	360	300	250
Cameroon	200	270	340	360	290	30
Pakistan	318	148	1,433	119	380	10
Subtotal	21,430	23,652	22,754	21,572	22,782	18,799
Others	5,277	4,733	5,003	5,273	3,873	4,714
World total	26,707	28,385	27,757	26,845	26,655	23,513

Country	1993/94	1994/95	1995/96	1996/97	1997/98	1998/99
Principal importing countries:						
Indonesia	2,039	2,075	2,139	2,147	1,923	2,200
Italy	1,594	1,590	1,598	1,603	1,575	1,475
S. Korea	1,689	1,747	1,661	1,504	1,322	1,472
Taiwan	1,236	1,114	1,380	1,300	1,209	1,375
Brazil	1,869	1,612	1,768	2,386	1,884	1,365
Japan	1,993	1,750	1,516	1,341	1,341	1,263
Thailand	1,613	1,440	1,545	1,414	1,236	1,200
Turkey	545	1,083	519	1,355	1,450	920
Russia	3,000	2,159	1,100	1,000	1,225	850
Portugal	744	796	772	770	772	700
Bangladesh	322	413	482	519	597	650
Germany	875	678	687	727	711	635
Hong Kong	869	888	771	606	571	625
France	700	547	532	588	551	500
China	808	4,060	3,045	3,613	1,834	359
Spain	495	532	454	390	286	230
Ukraine	200	300	325	250	225	225
Subtotal	20,591	22,784	20,294	21,513	18,712	16,044
Others	7,203	7,744	7,269	7,501	7,681	8,984
World total	27,794	30,528	27,563	29,014	26,393	25,028

[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, 1996/97–1998/99

Country of origin	Year beginning August		
	1996/97	1997/98	1998/99
	Bales[1]	*Bales*[1]	*Bales*[1]
Cotton, raw:			
Greece	0	0	232,714
China	0	0	77,677
Syria	0	0	33,759
Argentina	117,535	9,852	21,661
Benin	0	0	18,597
Egypt	5	106	14,358
Uzbekistan; Republic	205,812	1,438	12,456
Mexico	36,441	450	12,038
Burkina	0	0	9,328
Mali	0	0	4,010
Turkey	0	188	2,136
Australia	37,006	0	1,387
Guinea	0	0	923
Spain	0	0	528
India	845	602	514
Turkmenistan	1,800	0	446
Sri Lanka	0	0	124
Barbados	0	0	73
Peru	0	0	5
United Kingdom	0	0	5
Canada	23	395	0
Russian Federation	0	413	0
Other countries	4,026	6	(6)
Total	403,493	13,450	442,733
Cotton linters:			
Turkey	0	0	46,049
Syria	0	0	35,991
Brazil	0	0	18,032
Argentina	0	0	12,713
Mexico	65,028	40,451	8,768
Greece	0	0	3,183
New Zealand	0	0	3,004
Uzbekistan	0	0	2,214
Latvia	0	0	1,438
Kenya	0	0	344
Israel	0	0	96
Nigeria	0	0	51
Japan	1,139	0	0
India	188	0	0
United Kingdom	0	51	0
China Peoples Republic	2,448	0	0
Total	68,803	40,502	131,883

[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, 1989–98

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*
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
1997	(*)	0.4	1.8	2.5	88.4	5.9	0.9
1998	(*)	0.4	1.2	1.5	83.4	11.1	2.3

(*) Less than 0.05 percent.

AMS, Cotton Program, (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, 1989–98

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*
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
1997	69.08	67.79	63.31	60.38	67.08	64.44	60.06	64.47	59.43
1998	61.93	60.12	54.68	51.49	59.43	56.25	51.71	55.47	50.53

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

AMS, Cotton Program, (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, 1989–98

Year beginning August 1	Staple							
	28	29	30	31	32	33	34	35
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
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
1997 [1]	60.97	60.97	62.65	63.48	64.56	66.07	67.79	68.39
1998 [1]	47.05	47.05	48.93	51.08	53.75	57.27	60.12	61.05

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

AMS, Cotton Program, (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, 1987–98

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	1997	67.79	77.79	59.82
1992	54.10	61.08	47.11	1998	60.12	74.19	47.21

[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 Program, (901) 384–3016.

Table 2-20.—Cotton, American upland: Season average spot prices for the base quality, by designated markets, cents per pound, 1989–98 [1]

Market	Grade 41 Staple 34					Color 41, Leaf 4, Staple 34 [3]				
	1989 [2]	1990	1991	1992	1993	1994	1995	1996	1997	1998
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Southeast	70.64	75.90	57.70	56.73	67.46	87.17	83.86	72.33	68.60	62.06
North Delta	69.51	75.49	56.18	55.03	67.04	87.25	83.76	72.11	68.36	61.82
South Delta	69.50	75.53	56.21	55.03	67.04	87.25	83.76	72.11	68.36	61.82
East TX–OK	67.11	71.40	55.63	53.78	66.22	86.96	80.89	70.29	65.93	57.66
West Texas	67.06	71.09	55.79	53.53	65.92	86.66	80.64	69.98	65.88	57.76
Desert SW	71.19	75.90	57.77	51.61	64.16	87.96	80.90	69.88	65.63	55.92
SJ Valley	73.47	78.30	57.50	52.84	65.04	93.73	87.40	74.47	71.79	63.78
Average	69.78	74.80	56.68	54.10	66.12	88.14	83.03	71.59	67.79	60.12

[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 Program, (901) 384–3016.

Table 2-21.—Cotton: Supply and distribution, by countries, 1998–99

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]
Importing countries:								
Indonesia	142	17	2,200	2,359	2,150	0	159	2,309
Brazil	1,486	2,100	1,365	4,951	3,250	0	1,701	4,951
China, Peoples Rep.	16,855	20,700	359	37,914	19,800	681	17,433	37,914
Italy	218	1	1,475	1,694	1,550	15	119	1,684
Mexico	363	1,000	1,450	2,813	2,150	220	408	2,778
Turkey	558	3,850	920	5,328	4,455	375	498	5,328
Korea, Republic	431	1	1,472	1,904	1,475	35	394	1,904
Japan	288	0	1,263	1,551	1,225	0	326	1,551
Thailand	429	32	1,200	1,661	1,250	0	365	1,615
Russian Federation	192	0	850	1,042	900	0	142	1,042
Taiwan	202	0	1,375	1,577	1,350	0	227	1,577
Portugal	273	0	700	973	700	0	273	973
Germany	71	0	635	706	575	60	71	706
Hong Kong	103	0	625	728	550	60	118	728
France	189	0	500	689	480	27	162	669
Bangladesh	41	51	650	742	700	0	41	741
India	4,174	12,800	450	17,424	12,500	175	4,749	17,424
Poland	22	0	325	347	325	5	17	347
Spain	230	483	230	943	530	210	194	934
Malaysia	46	0	370	416	370	0	46	416
Canada	24	0	345	369	330	0	15	345
Czech Republic	56	0	280	336	250	20	61	331
Vietnam	60	30	225	315	250	0	65	315
Romania	92	0	200	292	200	0	92	292
Ukraine	84	0	225	309	115	100	94	309
Morocco	27	1	210	238	210	0	28	238
Colombia	87	170	185	442	340	10	90	440
Philippines	82	5	150	237	160	0	77	237
Belgium-Luxembo	25	0	210	235	200	15	20	235
South Africa, Republic	82	240	175	497	350	50	97	497
Subtotal	26,932	41,481	20,619	89,032	58,690	2,058	28,082	88,830
Others	13,860	43,038	4,409	65,894	26,312	21,455	13,880	61,647
Total importing countries	40,792	84,519	25,028	154,926	85,002	23,513	41,962	150,477
Exporting countries:								
United States	3,887	13,918	443	18,248	10,401	4,344	3,939	18,684
Uzbekistan, Rep	635	4,600	5	5,240	825	3,800	615	5,240
Australia	1,102	3,200	0	4,302	185	2,900	1,217	4,302
Syria	675	1,539	0	2,214	390	1,150	674	2,214
Argentina	1,037	900	20	1,957	400	750	798	1,948
Greece	343	1,753	50	2,146	650	1,000	450	2,100
Mali	227	1,000	0	1,227	15	925	287	1,227
Benin	126	650	0	776	10	600	166	776
Burkina	115	550	0	665	25	525	115	665
Cote d'Ivoire	219	735	0	954	120	600	234	954
Turkmenistan	609	950	0	1,559	150	750	659	1,559
Chad	73	300	0	373	15	290	68	373
Tajikistan, Rep	72	530	0	602	105	425	72	602
Pakistan	1,521	6,300	900	8,721	7,000	10	1,686	8,696
Egypt	883	1,050	10	1,943	950	450	520	1,920
Sudan	116	250	0	366	60	250	56	366
Paraguay	54	290	0	344	40	250	54	344
Cameroon	71	360	0	431	45	300	86	431
Spain	230	483	230	943	530	210	194	934
Togo	57	350	0	407	15	300	92	407
Mexico	363	1,000	1,450	2,813	2,150	220	408	2,778
Zimbabwe	128	528	0	656	175	320	146	641
Tanzania, United	119	135	0	254	50	120	84	254
Kazakhstan, Rep	83	230	0	313	80	175	58	313
Israel	68	235	40	343	100	175	68	343
Azerbaijan, Rep	137	175	0	312	40	150	122	312
India	4,174	12,800	450	17,424	12,500	175	4,749	17,424
Mozambique	30	150	5	185	10	140	35	185
Ukraine	84	0	225	309	115	100	94	309
Hong Kong	103	0	625	728	550	60	118	728
Turkey	558	3,850	920	5,328	4,455	375	498	5,328
Subtotal	17,899	58,811	5,373	82,083	42,156	21,839	18,362	82,357
Others	22,893	25,708	19,655	68,256	42,846	1,674	23,600	68,120
Total net exporting countries	40,792	84,519	25,028	150,339	85,002	23,513	41,962	150,477

[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, 1990–99 [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*
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	1,459.3	1,428.3	20.9	29,886	38.80	1,160,029	NA	NA
1998	1,497.8	1,450.7	22.4	32,499	36.40	1,181,494	NA	NA
1999 [4]	1,562.7	1,527.1	21.8	33,319	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, 1997–99 [1]

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	101.0	101.0	112.0	99.0	99.0	108.0	30.0	27.5	30.9	2,970	2,723	3,337
CO	67.9	62.5	72.1	66.4	57.3	68.5	19.7	22.7	21.3	1,308	1,301	1,459
ID	198.0	204.0	211.0	197.0	203.0	210.0	26.4	27.1	24.3	5,210	5,501	5,103
MI	163.0	177.0	194.0	160.0	173.0	190.0	19.0	16.0	18.6	3,040	2,768	3,534
MN	453.0	473.0	480.0	446.0	458.0	470.0	18.5	21.2	20.1	8,251	9,710	9,447
MT	59.9	64.0	61.8	58.3	62.4	61.7	21.0	22.6	23.8	1,224	1,410	1,468
NE	67.3	53.8	72.7	60.3	47.4	66.2	16.8	19.7	19.0	1,013	934	1,258
NM	1.6	.....	.....	1.6	.....	.....	30.6	.....	.....	49	.....	.....
ND	231.4	250.0	251.6	227.5	242.6	247.0	18.5	22.2	20.8	4,205	5,386	5,138
OH	0.9	1.3	1.8	0.9	1.1	1.7	19.0	17.3	19.5	17	19	33
OR	17.6	17.9	20.2	17.4	17.7	19.7	28.4	26.6	26.0	494	471	512
TX	16.4	.....	.....	15.0	.....	.....	18.0	.....	.....	270	.....	.....
WA	18.3	37.3	27.5	18.0	35.8	27.3	33.1	33.3	30.3	595	1,192	827
WY	63.0	56.0	58.0	60.9	53.4	57.0	20.4	20.3	21.1	1,240	1,084	1,203
US	1,459.3	1,497.8	1,562.7	1,428.3	1,450.7	1,527.1	20.9	22.4	21.8	29,886	32,499	33,319

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

NASS, Crops Branch, (202) 720–2127.

Table 2-24.—Sugarbeets: Production and value, by States, crop of 1997–98 [1]

State	Production		Marketing year average price per ton received by farmers		Value of production	
	1997	1998	1997	1998	1997	1999
	1,000 tons	*1,000 tons*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
CA	2,970	2,723	40.60	39.80	120,582	108,375
CO	1,308	1,301	34.10	35.40	44,603	46,055
ID	5,210	5,501	40.60	39.90	211,526	219,490
MI	3,040	2,768	38.50	36.70	117,040	101,586
MN	8,251	9,710	38.70	35.10	319,314	340,821
MT	1,224	1,410	40.50	36.90	49,572	52,029
NE	1,013	934	35.60	35.20	36,063	32,877
NM	49	.....	31.20	.....	1,529	.....
ND	4,205	5,386	37.90	35.40	159,370	190,664
OH	17	19	38.40	37.50	653	713
OR	494	471	39.90	41.00	19,711	19,311
TX	270	.....	34.00	.....	9,180	.....
WA	595	1,192	38.90	22.90	23,146	27,297
WY	1,240	1,084	38.50	39.00	47,740	42,276
US	29,886	32,499	38.80	36.40	1,160,029	1,181,494

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

NASS, Crops Branch, (202) 720–2127.

Table 2-25.—Sugarcane for sugar and seed: Area, yield, production, value, and production of cane sugar and molasses, United States, 1990–99

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*
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	29,623	1,449	31,072
1994	881.7	55.1	936.8	33.3	27.6	33.0	29,404	1,523	30,927
1995	874.7	57.6	932.3	33.3	28.5	33.0	29,137	1,642	30,779
1996	829.5	59.4	888.9	33.4	29.9	33.1	27,687	1,777	29,464
1997	860.3	53.7	914.0	34.9	31.8	34.7	30,003	1,706	31,709
1998	888.3	58.8	947.1	36.9	33.4	36.6	32,743	1,964	34,707
1999 [2]	939.4	51.8	991.2	36.1	34.7	36.0	33,923	1,798	35,721

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*
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	845,305	885,459	3,482	235	3,255	194,247
1994	29.20	857,405	900,765	NA	NA	NA	NA
1995	29.50	859,057	906,441	NA	NA	NA	NA
1996	28.30	784,113	833,297	NA	NA	NA	NA
1997	28.10	842,840	890,257	NA	NA	NA	NA
1998	27.30	999,969	1,060,842	NA	NA	NA	NA
1999	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.

NASS, Crops Branch, (202) 720–2127.

Table 2-26.—Sugarcane for sugar and seed: Production and value, by States, crop of 1997–98

State	Sugarcane for sugar						Sugar and seed: Value of production [1]	
	Production		Price per ton		Value of production			
	1997	1998	1997	1998	1997	1998	1997	1998
	1,000 tons	*1,000 tons*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
FL	15,535	17,083	28.70	29.50	445,855	503,949	465,973	528,788
HI	2,925	2,727	29.20	32.00	85,410	87,264	87,863	89,536
LA	10,716	11,880	27.10	23.20	290,404	382,536	313,330	416,024
TX	827	1,053	25.60	24.90	21,171	26,220	23,091	26,494
Total	30,003	32,743	28.10	27.30	842,840	999,969	890,257	1,060,842

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

NASS, Crops Branch, (202) 720–2127.

Table 2-27.—Sugarcane for sugar and seed: Area, yield, and production, by States, 1997–99

State	Sugarcane for sugar and seed [1]								
	Area harvested			Yield of cane per acre			Cane production		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	421.0	426.0	443.0	36.9	40.1	35.5	15,535	17,083	15,727
HI	32.0	30.3	32.7	91.4	90.0	87.6	2,925	2,727	2,865
LA	380.0	400.0	435.0	28.2	29.7	33.0	10,716	11,880	14,355
TX	27.3	32.0	28.7	30.3	32.9	34.0	827	1,053	976
US	860.3	888.3	939.4	34.9	36.9	36.1	30,003	32,743	33,923
For seed:									
FL	19.0	21.0	17.0	36.9	40.1	39.0	701	842	663
HI	2.2	2.2	2.3	38.2	32.4	32.9	84	71	76
LA	30.0	35.0	30.0	28.2	29.7	33.0	846	1,040	990
TX	2.5	0.6	2.5	30.0	18.3	27.6	75	11	69
US	53.7	58.8	51.8	31.8	33.4	34.7	1,706	1,964	1,798
For sugar and seed:									
FL	440.0	447.0	460.0	36.9	40.1	35.6	16,236	17,925	16,390
HI	34.2	32.5	35.0	88.0	86.1	84.0	3,009	2,798	2,941
LA	410.0	435.0	465.0	28.2	29.7	33.0	11,562	12,920	15,345
TX	29.8	32.6	31.2	30.3	32.6	33.5	902	1,064	1,045
US	914.0	947.1	991.2	34.7	36.6	36.0	31,709	34,707	35,721

[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.

NASS, Crops Branch, (202) 720–2127.

Table 2-28.—Sugar, cane (raw value [1]): Refiners' raw stocks, receipts, meltings, continental United States, 1989–98

Year	Jan. 1 stocks	Receipts [2]	Meltings
	1,000 tons	*1,000 tons*	*1,000 tons*
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
1997	323	5,955	5,954
1998	322	5,636	5,704

[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 2-29.—Sugar: Production in specified countries, 1996/97–1998/99 [1]

Continent and country	1996/97	1997/98	1998/99 [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	137	95	130
Costa Rica	333	380	375
Cuba	4,200	3,200	3,500
Dominican Republic	715	470	420
El Salvador	393	463	435
Guatemala	1,566	1,720	1,548
Honduras	248	261	215
Jamaica	236	187	223
Mexico	4,835	5,490	5,040
Nicaragua	354	357	333
Panama	160	170	180
Trinidad and Tobago	100	78	100
United States	6,537	7,276	7,324
Other North and Central America and Caribbean	205	199	210
Total	20,019	20,346	20,033
South America:			
Argentina	1,380	1,750	1,830
Brazil	14,650	15,700	18,300
Chile	473	388	505
Colombia	2,132	2,154	2,180
Ecuador	451	189	340
Guyana	276	248	277
Peru	605	460	680
Venezuela	588	588	600
Other S.A	436	483	433
Total	20,991	21,960	25,145
European Community:			
Total Western Europe	18,421	19,495	18,016
Albania	7	3	5
Bulgaria	9	6	5
Czech Republic	610	540	.....
Hungary	490	480	400
Poland	2,435	2,239	2,239
Romania	318	284	245
Slovakia	246	250	200
Yugoslavia	270	270	210
Total Eastern Europe	4,385	4,012	3,684
Baltics:			
Latvia	35	30	40
Lithuania	50	100	110
Total Baltics	105	168	185
FSU—12:			
Belarus	140	165	160
Kazakstan	65	87	85
Kyrgzstan	15	15	15
Moldova	190	200	200
Russia	1,710	1,350	1,250
Ukraine	2,935	2,0320	2,000
Total FSU—12	4992	3,861	3,722
Africa:			
Cote d'Ivoire	150	115	140
Egypt	1,156	1,170	1,195
Ethiopia	170	200	270
Kenya	388	470	500
Mauritius	665	658	670
South Africa	2,408	2,413	2,808
Sudan	540	580	580
Swaziland	502	518	520
Zimbabwe	338	573	584
Other Africa	1,708	1,621	1,862
Total Africa	8025	8,318	9,129
Middle East:			
Iran	700	850	880
Syria	109	95	110
Turkey	2,025	2,372	2,700
Other	42	35	135
Total Middle East	2,876	3,352	3,825
Asia:			
Bangladesh	150	170	135
China (Mainland)	7,789	8,631	9,009
India	14,616	14,592	16,826
Indonesia	2,094	2,190	1,500
Japan	709	799	846
Malaysia	108	100	105
Pakistan	2,560	3,805	3,753
Phillippines	1,829	1,802	1,500
Taiwan	348	330	312
Thailand	6,013	4,245	5,227
Vietnam	550	600	580
Other Asia	165	135	125
Total Asia	36,941	37,399	39,918
Oceania:			
Australia	5,659	5,567	4,874
Fiji	508	370	270
Others	35	40	45
Total Oceania	6,202	5,977	5,189
World total	123,009	124,899	128,736

[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. 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 2-30.—Sugar, cane and beet: Imports and domestic marketings, by source of supply, continental United States, 1996–98 [1]

Country or area of supply	1996	1997	1998
	1,000 tons	*1,000 tons*	*1,000 tons*
Argentina	151	99	60
Australia	277	120	85
Belize	26	41	11
Boliva	22	5	14
Brazil	395	217	175
Canada	25	5	14
China, Peoples Rep.	1	2	1
Colombia	149	102	96
Congo	6	16	7
Costa Rica	178	99	74
Dominican Republic	353	310	184
Ecuador	25	16	12
El Salvador	102	95	61
Guatemala	331	113	274
Guyana	24	27	13
Honduras	13	45	10
India	15	.....	20
Jamaica	41	16	11
Leeward–Windward Isl.	0	7	.....
Madagascar	8	7	7
Malawi	19	23	.....
Mauritius	25	34	5
Mexico	41	60	90
Mozambique	18	34	13
Netherlands Antilles	9	.....	.....
Nicaragua	108	87	25
Other Pacific Isl.	12	10	9
Panama	64	65	42
Papua New Guinea	0	.....	7
Paraguay	17	11	11
Peru	81	48	68
Philippines	220	211	149
South Africa	103	46	51
Swaziland	20	23	17
Taiwan	28	17	13
Thailand	33	21	.....
Trinidad-Tobago	17	11	7
Uruguay	8	7	7
Zimbabwe	22	33	13
Total foreign countries	2,988	2,083	1,658
Domestic areas:			
Mainland (beet)	4,007	4,060	4,410
Mainland and Hawaii (cane)	6,044	5,911	5,683
Puerto Rico	44	45	45
Total domestic areas	10,095	10,016	10,138
Grand total	13,083	12,099	11,796

[1] Source: U.S. Census.

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

Table 2-31.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1990–99

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*
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
1998	212	1,535	0	22	1,769
1999	255	1,499	0	22	1,776
PRODUCTION OR RECEIPTS					
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	33	19	10,275
1997	5,968	4,117	27	20	10,132
1998	5,811	4,431	29	23	10,294
DELIVERIES [3]					
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	33	14	10,128
1997	5,940	4,060	27	16	10,043
1998	5,708	4,410	29	20	10,167

[1] Sugar for human consumption only. [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 2-32.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States includes Puerto Rico, 1989–98

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*
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	7,268	2,908	2,926	0	331	9,619	66.7
1997	7,418	3,195	2,676	0	187	9,755	67.1
1998 [1]	7,891	3,377	2,148	0	202	9,851	67.2

[1] Preliminary

ERS, Specialty Crops Branch, (202) 694–5249.

Table 2-33.—Sugar, centrifugal (raw value): United States exports, by country of destination, 1996–98 [1]

Country of destination	1996	1997	1998
	Metric tons	*Metric tons*	*Metric tons*
North America, including Caribbean areas:			
Bahamas	5,065	4,986	4,346
Barbados	2,023	93	0
Canada	19,474	5,292	15,134
Dominican Republic	14,036	78	3,384
Haiti	32,425	6,199	10,116
Jamaica	37,491	35,147	18,129
Leeward and Windward Islands	1,578	532	455
Mexico	24,911	29,490	32,654
Netherlands Antilles	3,062	2,446	3,074
Trinidad and Tobago	138	6,008	9,339
Other	651	1,117	1,786
Total	140,854	91,388	98,417
South America:			
Chile	5,218	1	250
Guyana	2,496	1,113	0
Peru	20,201	12,872	20,987
Other	5,920	4,123	7,707
Total	33,835	18,109	28,944
Europe:			
Germany	1,514	704	486
Netherlands	1,378	1,482	1,813
United Kingdom	291	265	482
Other	3,975	3,620	964
Total	7,158	6,071	3,745
Russia	0	140	39
Other Republics of FSU	0	0	.....
Total	0	140	39
Africa:			
Ghana	1,446	45	11
Nigeria	0	0	0
Other	27,518	2,109	3,513
Total	28,964	2,154	3,524
Asia and Oceania:			
Jordan	0	0	754
Marshall Island	37	55	0
Saudi Arabia	1,798	3,457	877
Other	32,312	3,667	3,187
Total	34,147	7,179	4,818
World total	244,956	125,040	139,487

[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 2-34.—Sugar, centrifugal (raw value): International trade in marketing years 1996/97–1998/99

Continent and country	1996/97		1997/98		1998/99 [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	95	0	95	0	90	0
Canada	15	1,057	18	1,061	15	1,110
Costa Rica	150	0	145	0	160	0
El Salvador	170	0	244	0	208	0
Guatemala	1,075	0	1,280	0	1,127	0
Honduras	17	0	23	0	11	14
Mexico	750	75	1,135	10	955	10
Nicaragua	171	0	168	0	171	0
Panama	52	0	60	0	70	0
United States	191	2,517	162	1,962	159	1,839
Total North and Central America	2,686	3,649	3,330	3,033	2,966	2,973
Caribbean:						
Barbados	60	10	48	17	58	16
Cuba	3,600	0	2,400	0	2,600	0
Dominican Republic	364	6	270	25	227	60
Haiti	0	65	0	75	0	75
Jamaica	181	68	168	85	171	85
St. Kitts and Nevis	17	0	18	0	20	0
Trinidad and Tobago	63	52	50	55	60	60
Other Caribbean	0	38	0	38	0	36
Total Caribbean	4,285	249	2,954	285	3,136	332
South America:						
Argentina	163	43	170	23	184	5
Brazil	5,800	0	7,200	0	8,550	0
Chile	0	217	0	276	0	157
Colombia	821	8	998	8	860	7
Ecuador	40	0	4	147	17	57
Guyana	256	8	216	0	250	8
Peru	83	314	60	500	60	300
Venezuela	80	271	80	271	60	270
Other South America	65	117	99	133	105	128
Total South America	7,308	978	8,827	1,358	10,086	942
Europe:						
Total EU [2]	5,228	712	6,361	982	5,300	645
Cyprus	0	35	0	30	0	35
Iceland	0	15	0	15	0	15
Malta and Gozo	0	20	0	24	0	24
Norway	0	175	0	185	0	185
Switzerland	0	130	0	120	0	115
Turkey	113	153	225	9	400	10
Other Western Europe	113	2	225	2	400	4
Total Western Europe	5,341	1,211	6,586	1,333	5,700	1,021
Albania	0	48	0	50	0	65
Bulgaria	161	288	59	281	56	234
Czech Republic	132	9	50	50	50	20
Hungary	20	0	40	0	24	1
Poland	558	87	442	11	418	5
Romania	0	210	1	440	0	260
Slovakia	40	50	25	30	5	35
Fmr. Yugoslavia	0	20	0	20	0	25
Total Eastern Europe	911	712	617	982	553	645
Republics of the Former Soviet Union:						
Russia	130	3,600	150	4,300	160	3,500
Ukraine	1,620	175	144	153	160	111
Other FSU Republics	30	1,963	58	1,945	70	1,970
Total Republics of FSU	1,780	5,738	352	6,398	390	5,581

See footnotes at end of table.

Table 2-34.—Sugar, centrifugal (raw value): International trade in marketing years 1996/97–1998/99—Continued

Continent and country	1996/97		1997/98		1998/99 [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	1	910	1	925	1	930
Angola	0	70	0	82	0	80
Cote d'Ivoire	18	30	14	75	30	65
Egypt	206	1,305	118	915	100	585
Ethiopia	50	40	25	20	65	5
Ghana	0	90	0	100	0	100
Kenya	24	180	15	180	50	150
Libya	0	230	0	250	0	230
Madagascar	14	20	12	18	18	20
Malawi	54	13	45	10	43	8
Mauritius	593	0	644	0	590	1
Morocco	0	513	0	586	0	502
Mozambique	20	60	12	51	20	50
Nigeria	10	555	20	660	20	700
Senegal	0	30	0	35	0	35
Sierra Leone	0	15	0	15	0	15
South Africa	1,056	53	1,093	48	1,436	52
Sudan	50	0	100	0	130	0
Swaziland	293	0	272	0	280	0
Tunisia	0	230	0	275	0	260
Tanzania, United Republic	15	125	10	170	10	175
Zaire	0	20	0	60	0	65
Zimbabwe	156	80	224	0	179	0
Other Africa	56	584	64	626	72	704
Total Africa	2,616	5,145	2,669	5,101	3,044	4,732
Asia:						
Afghanistan	0	120	0	130	0	130
Bangladesh	0	215	0	250	0	270
China (Mainland)	435	1,014	308	420	325	600
Hong Kong	90	225	90	230	60	230
India	422	27	21	1,000	5	400
Indonesia	0	1,091	0	971	0	1,500
Iran	0	1,150	0	1,300	0	1,100
Iraq	0	520	0	560	0	570
Israel	0	390	0	405	0	450
Japan	6	1,608	10	1,542	7	1,542
Jordan	0	190	0	190	0	195
Korea, Republic of	271	1,497	348	1,424	310	1,450
Kuwait	0	70	0	80	0	80
Lebanon	0	90	0	100	0	105
Malaysia	135	1,166	156	1,065	160	1,220
Philippines	248	150	206	160	146	730
Saudi Arabia	0	540	0	555	0	570
Singapore	20	220	20	225	40	225
Sri Lanka	0	430	0	460	0	480
Syria	0	465	0	490	0	500
Taiwan	24	187	20	190	18	245
Thailand	4,194	0	2,439	0	3,200	0
Vietnam	0	130	0	110	0	125
Yemen	0	355	0	368	0	390
Other Asia	0	1,381	628	427	650	505
Total Asia	5,845	13,231	4,246	12,652	4,921	13,612
Oceania:						
Australia	4,564	2	4,457	2	3,739	2
Fiji	415	0	280	0	190	0
New Zealand	5	175	5	185	5	190
Other Oceania	5	46	3	50	0	52
Total Oceania	4,989	223	4,745	237	3,934	244
World total [3]	35,761	35,761	34,326	34,326	34,730	34,730

[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 2-35.—Sugar (raw and refined): Average price per pound at specified markets, 1990–99

Year	Wholesale price: Cane sugar: Raw, 96½ centrifugal: Caribbean ports, f.o.b. and stowed	Wholesale price: Cane sugar: Raw, 96½ centrifugal: New York, c.i.f. duty paid	Wholesale price: Refined beet: mid-west	Retail price, granulated: United States
	Cents	*Cents*	*Cents*	*Cents*
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	39.83
1996	12.24	22.40	29.2	41.79
1997	12.06	21.96	27.09	43.26
1998	9.68	22.06	26.12	42.98
1999	6.54	21.16	26.71	43.27

ERS, Specialty Crops Branch, (202) 694–5249. Compiled from the following sources: (New York) Coffee, Sugar & Cocoa Exchange; and U.S. Department of Labor, Bureau of Labor Statistics.

Table 2-36.—Sugar, centrifugal (raw value): United States imports, by country of origin, 1996–98 [1]

Country of origin	1996	1997	1998
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North and South America, including Caribbean area:			
Argentina	125	139	143
Belize	24	40	24
Brazil	390	362	222
Colombia	125	183	60
Costa Rica	167	79	98
Dominican Republic	341	497	302
Ecuador	44	5	17
El Salvador	96	105	98
Guatemala	311	307	132
Guyana	22	30	28
Mexico	29	10	42
Nicaragua	96	134	81
Peru	85	72	75
Other America	148	170	172
Total	2,003	2,133	1494
Africa:			
Malawi	18	11	13
Mauritius	24	24	35
Mozambique	26	62	21
South Africa	134	21	72
Swaziland	19	49	6
Zimbabwe	62	34	5
Other Africa	6	55	0
Total	289	256	152
Asia and Oceania:			
Australia	269	135	153
Philippines	269	330	189
Thailand	31	28	21
Taiwan	0	0	18
Other Asia and Oceania	43	50	29
Total	612	543	410
World total [2]	2,932	2,956	2056

[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 2-37.—Sugar, centrifugal (raw value): Beginning stocks in marketing years 1997/98–1999/2000

Country	1997/98	1998/99	1999/2000
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	161	59	44
Mexico	634	759	614
United States	1,350	1,523	1478
Total	2,145	2341	2136
Caribbean:			
Barbados	3	2	3
Cuba	300	400	600
Dominican Republic	173	98	66
Haiti	25	25	30
Jamaica	30	5	12
Trinidad/Tobago	10	12	26
Other	22	26	30
Total	563	568	767
Central America:			
Belize	3	17	21
Costa Rica	55	83	83
El Salvador	23	26	29
Guatemala	134	127	101
Honduras	73	80	74
Nicaragua	15	19	6
Panama	31	50	62
Total	339	402	376
South America:			
Argentina	48	200	341
Bolivia	107	135	117
Brazil	860	560	1210
Chile	142	126	103
Colombia	266	105	97
Ecuador	69	26	26
Guyana	2	2	5
Paraguay	36	55	52
Peru	133	128	98
Surinam	3	3	4
Uruguay	12	12	12
Venezuela	105	123	172
Total	1,783	1,475	2237
Total EU:	2,535	3,001	3011
Western Europe:			
Iceland	5	5	5
Norway	16	16	16
Switzerland	154	164	154
Other	8	10	11
Total	183	195	186
Eastern Europe:			
Albania	11	4	9
Bulgaria	34	151	118
Czech Republic	52	132	82
Hungary	135	125	112
Poland	278	303	363
Romania	15	138	70
Slovakia	66	66	56
Fmr. Yugoslavia	85	90	50
Total	652	1009	860
Republics of the Former Soviet Union:			
Russia	1,115	2035	1935
Ukraine	73	214	265
Other FSU Republics	350	420	465
Total	1,538	2669	2665
North Africa:			
Algeria	99	103	107
Egypt	593	640	360
Morocco	195	197	194
Sudan	53	53	43
Tunisia	67	92	92
Other	65	85	75
Total	1,072	1170	871
Sub-Saharan Africa:			
Cote d'Ivoire	19	30	35
Ethiopia	25	45	65
Ghana	12	17	17
Kenya	16	71	71
Mozambique	2	7	7
Nigeria	70	85	106
Senegal	20	20	20
Sierra Leone	5	3	3
South Africa	374	375	375
Swaziland	50	71	86
Tanzania, Republic of	32	22	32
Zaire	13	11	19
Zimbabwe	0	6	16
Other	275	240	324
Total	913	1003	1176
Middle East:			
Iran	280	530	510
Iraq	14	29	29
Israel	69	64	74
Saudi Arabia	80	80	80
Turkey	533	669	899
Other	267	254	276
Total	1,243	1,626	1868
Asia:			
Afghanistan	45	40	40
Bangladesh	46	56	31
China (Mainland)	2,784	2,515	2799
Hong Kong	18	18	18
India	6,979	5,850	5871
Indonesia	559	520	920
Japan	113	121	202
Korea, Republic of	152	136	142
Malaysia	251	170	185
Philippines	345	201	376
Singapore	23	23	23
Sri Lanka	70	60	55
Taiwan	190	200	244
Thailand	851	959	1236
Vietnam	82	97	92
Other	512	625	564
Total	13,020	11,591	12798
Oceania:			
Australia	228	350	492
Fiji	63	101	136
New Zealand	37	32	37
Other	11	12	18
Total	339	500	683
World total	26,328	27550	29634

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

Table 2-38.—Honey: United States imports for consumption, by country of origin, 1996–98

Continent and country of origin	1996	1997	1998
	Metric tons	*Metric tons*	*Metric tons*
North America and Central America, Including the Caribbean:			
Bahamas	0	0	0
Canada	8,001	3,941	7,050
Dominican Republic	78	105	96
El Salvador	0	0	2
Leeward-Windward Islands	0	19	0
Mexico	5,488	6,625	3,453
Total	13,567	10,690	10,601
South America:			
Argentina	30,993	48,583	31,525
Chile	325	264	62
Colombia	0	0	0
Total	31,318	48,847	31,587
Western and Eastern Europe:			
Austria	34	12	24
France	23	27	33
Germany	115	100	99
Greece	12	29	15
Poland	11	5	4
Switzerland	35	40	23
United Kingdom	12	19	25
Other countries	145	468	98
Total	387	700	321
Asia, Africa, and Oceania:			
Australia	1,330	1,091	135
China, Peoples Republic of	19,418	11,475	13,828
Hong Kong	6	6	6
New Zealand	155	61	69
Other countries	2,126	3,079	3,492
Total	23,035	15,712	17,530
Grand total	68,307	75,949	60,039

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

Table 2-39.—Beeswax, crude: United States imports for consumption, by country of origin, 1996–98

Continent and country of origin	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	136	101	88
Dominican Republic	113	131	75
Mexico	21	4	2
Other countries	0	0	0
South America:			
Argentina	239	49	9
Brazil	94	70	14
Chile	40	22	0
Other countries	20	0	0
Africa:			
Ethiopia	168	68	86
Kenya	20	0	0
Tanzania	70	84	97
Zambia	0	1	0
Europe:			
France	96	18	11
Germany	244	134	112
United Kingdom	44	1	1
Other countries	97	111	28
Asia and Oceania:			
Australia	195	129	212
China	453	448	307
Other countries	163	120	70
Total	2,213	1,491	1,112

[1] Preliminary.

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

Table 2-40.—Honey: Number of colonies, yield, production, stocks, price and value, United States, 1992–99 [1] [2]

State	Honey producing colonies	Yield per colony	Production	Stocks Dec 15 [3]	Average price per pound	Value of production
	1,000	*Pounds*	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1992 ..	3,045	72.8	221,676	39,061	55.0	121,922
1993 ..	2,875	80.2	230,575	49,046	53.9	124,280
1994 ..	2,783	78.4	218,187	59,877	52.8	115,203
1995 ..	2,655	79.5	211,073	42,313	68.5	144,585
1996 ..	2,581	77.3	199,511	47,206	88.8	177,166
1997 ..	2,631	74.7	196,536	70,696	75.2	147,795
1998 ..	2,633	83.7	220,316	80,808	65.5	147,254
1999 ..	2,688	76.3	205,228	79,361	59.9	125,422

[1] For producers with 5 or more colonies. [2] U.S. price weighted by survey expanded sales. [3] Stocks held by producers.

NASS, Livestock Branch, (202) 720-6351.

Table 2-41.—Honey: Number of colonies, yield, production, stocks, price and value, by State and United States, 1999 [1]

State	Honey producing colonies	Yield per colony	Production	Stocks Dec 15 [2]	Average price per pound [3]	Value of production
	1,000	*Pounds*	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
AL	17	68	1,156	185	56	647
AZ	52	62	3,224	1,548	62	1,999
AR	52	89	4,628	2,592	53	2,453
CA	505	60	30,300	10,302	53	16,059
CO	27	76	2,052	1,436	68	1,395
FL	228	102	23,256	4,186	53	12,326
GA	65	51	3,315	497	64	2,122
HI	8	80	640	32	78	499
ID	120	48	5,760	3,110	59	3,398
IL	9	66	594	327	115	683
IN	10	81	810	437	90	729
IA	40	65	2,600	2,028	65	1,690
KS	13	67	871	854	111	967
KY	3	50	150	12	124	186
LA	48	114	5,472	821	49	2,681
ME	14	22	308	89	83	256
MD	6	46	276	50	164	453
MI	73	85	6,205	3,475	66	4,095
MN	145	82	11,890	3,210	61	7,253
MS	18	73	1,314	591	54	710
MO	24	65	1,560	437	68	1,061
MT	122	70	8,540	2,135	60	5,124
NE	58	77	4,466	1,965	61	2,724
NV	9	45	383	257	154	590
NJ	10	44	440	154	57	251
NM	15	52	780	476	77	601
NY	69	70	4,830	2,077	66	3,188
NC	9	46	414	104	162	671
ND	255	105	26,775	8,836	59	15,797
OH	20	74	1,480	784	72	1,066
OK	6	45	270	49	134	362
OR	45	57	2,565	2,026	80	2,052
PA	25	60	1,500	705	76	1,140
SD	224	104	23,296	13,046	60	13,978
TN	8	51	408	106	130	530
TX	108	81	8,748	2,799	64	5,599
UT	26	45	1,170	433	68	796
VT	6	66	396	222	63	249
VA	7	35	245	86	117	287
WA	52	50	2,600	1,170	60	1,560
WV	6	39	234	152	109	255
WI	80	75	6,000	4,560	68	4,080
WY	37	72	2,664	746	61	1,625
Oth Sts [4]	14	46	643	254	192	1,235
US [5]	2,688	76.3	205,228	79,361	59.9	125,422

[1] For producers with 5 or more colonies. [2] Stocks held by producers. [3] Price weighted by sales. [4] CT, DE, MA, NH, RI and SC not published separately to avoid disclosing data for individual operations. [4] U.S. price weighted by survey expanded sales. [5] U.S. total production is the sum of state production. U.S. colonies multiplied by U.S. yield may not exactly equal U.S. production.

NASS, Livestock Branch, (202) 720-6351.

Table 2-42.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1988–97

Year	Production in mainland areas				Inshipments from Hawaii
	Mainland cane	Domestic beet	Refiners' blackstrap [1]	Total	
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
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
1997	900,000	1,200,000	100,000	2,200,000	100,000

Year	United States imports	Mainland exports [1]	Total market supplies available
	Total		
	Metric tons	*Metric tons*	*Metric tons*
1988	986,870	299,217	2,747,692
1989	926,870	293,535	2,707,925
1990	1,078,924	212,263	2,876,399
1991	1,258,637	242,635	299,953
1992	1,115,863	282,098	2,873,300
1993	1,040,858	255,907	2,612,448
1994	1,659,309	277,098	3,671,836
1995	1,048,726	274,868	2,960,684
1996	NA	NA	NA
1997	1,583,755	300,000	3,583,755

[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, 1989–98

Year	Production					Imports				
	Syrups			Honey	Total [5]	Corn syrup [1]	Maple syrup	Edible molasses	Honey	Total
	Corn [1]	Maple [2]	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*	*1,000 gallons*
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	2,571,500	1,567	0	16,731	2,589,798	21,610	3,210	1,428	12,719	38,967
1997	2,677,190	1,293	0	16,250	2,694,773	32,935	3,642	1,168	14,139	51,884
1998 [6]	2,755,424	1,159	0	18,606	2,775,189	21,973	3,716	1,847	11,182	38,718

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*
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	51,991	820	836	53,647	2,541,119	3,957	NA	28,614	2,575,118
1997	79,310	655	752	80,717	2,630,815	4,280	NA	29,637	2,665,900
1998 [6]	73,960	460	878	75,298	2,703,437	4,415	NA	28,910	2,738,609

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. [6] Preliminary. NA-not available.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5249.

Table 2-44.—Tobacco: Area, yield, production, and value, United States, 1990–99

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*
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	663,525	1,914	1,269,910	1.820	2,307,168
1996	733,060	2,072	1,518,704	1.882	2,853,739
1997	836,230	2,137	1,787,399	1.802	3,217,176
1998	717,605	2,062	1,479,867	1.828	2,700,795
1999	644,250	1,980	1,275,438	1.831	2,329,397

[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, 1997–99

State	Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
CT	2,545	2,815	2,950	1,622	1,519	1,709	4,128	4,276	5,042
FL	7,300	6,800	6,000	2,610	2,515	2,550	19,053	17,102	15,300
GA	43,000	41,000	33,000	2,075	2,200	1,940	89,225	90,200	64,020
IN	8,900	8,500	6,500	2,100	2,000	1,800	18,690	17,000	11,700
KY	250,500	226,260	221,700	1,988	1,961	1,826	497,928	443,628	404,863
MD	8,000	6,500	6,500	1,500	1,400	1,400	12,000	9,100	9,100
MA	1,175	1,265	1,310	1,628	1,413	1,731	1,913	1,788	2,267
MO	3,000	2,700	2,300	2,345	2,130	2,000	7,035	5,751	4,600
NC	321,400	251,100	208,200	2,275	2,197	2,160	731,199	551,730	449,620
OH	11,400	9,800	9,800	1,950	1,830	1,740	22,230	17,934	17,052
PA	8,100	7,800	6,200	2,100	2,015	1,802	17,020	15,720	11,170
SC	54,000	45,000	39,000	2,340	2,050	2,000	126,360	92,250	78,000
TN	59,480	59,415	59,270	1,922	1,870	1,866	114,292	111,100	110,569
VA	53,080	45,000	38,600	2,215	2,131	2,259	117,576	95,898	87,185
WV	1,800	1,600	1,600	1,700	1,350	1,350	3,060	2,160	2,160
WI	2,550	2,050	1,320	2,231	2,063	2,114	5,690	4,230	2 ,790
US	836,230	717,605	644,250	2,137	2,062	1,980	1,787,399	1,479,867	1,275,438

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

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1997–99

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Hec-tares	*Hec-tares*	*Hec-tares*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North America:									
Canada	28,500	27,800	25,091	2.50	2.49	2.59	71,110	69,300	64,864
Mexico	25,385	31,808	27,709	1.74	1.93	1.89	44,293	61,457	52,333
UnitedStates	328,406	302,324	262,184	2.47	2.30	2.42	810,154	696,116	635,029
Total	382,291	361,932	314,984	2.42	2.28	2.39	925,557	826,873	752,226
South America:									
Argentina	71,000	79,000	69,000	1.74	1.47	1.63	123,200	116,500	112,500
Bolivia	1,250	1,250	1,250	1.00	1.00	1.00	1,250	1,250	1,250
Brazil	329,500	346,000	338,000	1.75	1.29	1.68	576,600	447,000	569,000
Chile	3,499	3,987	4,089	3.08	2.85	2.95	10,772	11,374	12,049
Colombia	17,905	17,905	17,905	1.57	1.57	1.57	28,178	28,178	28,178
Ecuador	1,000	1,000	1,000	3.85	3.85	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	7,328	8,500	8,500	2.50	2.47	2.54	18,329	21,000	21,550
Total	440,082	466,242	448,344	1.76	1.38	1.70	775,879	642,852	762,077

See footnotes at end of table.

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1997–99—Continued

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Hec-tares	*Hec-tares*	*Hec-tares*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
Central America:									
Costa Rica	1,072	1,072	1,072	2.03	2.03	2.03	2,180	2,180	2,180
El Salvador	561	580	580	1.85	1.79	1.79	1,038	1,038	1,038
Guatemala	8,275	8,873	7,637	2.24	2.30	2.28	18,515	20,440	17,412
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	18,399	19,016	17,780	2.05	2.08	2.06	37,648	39,573	36,545
Caribbean:									
Cuba	59,000	59,000	59,000	0.63	0.63	0.63	37,000	37,000	37,000
Dominican Rep	21,171	27,050	25,698	1.43	1.51	1.35	30,279	40,950	34 ,808
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
St. Vincent	70	70	70	1.21	1.21	1.21	85	85	85
Trinidad & Tob.	100	100	100	1.70	1.70	1.70	170	170	170
Total	82,081	87,960	86,608	0.86	0.92	0.87	70,603	81,274	75,132
European Union:									
Austria	103	101	102	1.93	2.03	1.72	199	205	175
Belgium-Lux	322	320	320	3.98	3.69	3.69	1,280	1,180	1,180
France	9,079	9,067	9,040	2.61	2.92	2.91	23,662	26,513	26,348
Germany	3,501	3,831	3,990	2.43	2.40	2.45	8,504	9,200	9,770
Greece	67,250	67,230	67,200	1.97	1.97	1.94	132,450	132,200	130,500
Italy	48,120	48,600	48,600	2.92	2.82	2.73	140,634	136,944	132,500
Portugal	2,909	2,909	2,909	2.14	2.14	2.14	6,226	6,226	6,226
Spain	13,225	13,300	13,250	3.20	3.18	3.19	42,290	42,300	42,300
Total	144,509	145,358	145,411	2.46	2.44	2.40	355,245	354,768	348,999
Western Europe:									
Switzerland	655	635	635	1.59	2.09	2.09	1,039	1,325	1,325
Eastern Europe:									
Albania	8,000	8,500	8,700	0.89	0.92	0.92	7,110	7,830	8,010
Bulgaria	48,511	34,400	33,800	1.62	1.31	1.45	78,510	45,107	48,912
Croatia	7,274	7,837	7,700	1.81	1.73	1.74	13,154	13,523	13,398
Hungary	6,600	7,000	7,300	1.64	2.20	2.10	10,800	15,375	15,300
Macedonia (Skopje)	22,000	22,000	22,000	1.36	1.36	1.36	30,000	30,000	30,000
Poland	19,040	19,675	19,800	2.26	2.19	2.17	42,990	43,000	43,000
Romania	11,560	12,000	12,000	1.21	1.23	1.23	13,980	14,750	14,750
Slovakia	2,000	2,000	2,000	1.75	1.75	1.75	3,500	3,500	3,500
Yugoslavia	5,150	6,200	6,200	1.41	1.23	1.23	7,271	7,604	7,604
Total	130,135	119,612	119,500	1.59	1.51	1.54	207,315	180,689	184,474
FSU-12: [3]									
Armenia	4,304	4,304	4,304	0.92	0.92	0.92	3,966	3,966	3,966
Azerbaijan	4,500	4,500	4,500	2.33	2.33	2.33	10,500	10,500	10,500
Belarus	1,076	1,076	1,076	2.42	2.42	2.42	2,606	2,606	2,606
Georgia	5,380	5,400	5,400	1.64	1.63	1.63	8,800	8,800	8,800
Kazakhstan	1,900	5,500	4,000	2.01	1.82	2.00	3,820	10,000	8,000
Kyrgyzstan	12,000	12,000	12,000	2.50	2.50	2.50	30,000	30,000	30,000
Moldova	20,000	25,000	28,000	1.41	1.22	1.16	28,260	30,434	32,608
Russia	700	990	900	0.91	0.53	0.67	640	520	600
Tajikistan	3,228	3,228	3,228	3.28	2.48	2.48	10,593	8,000	8,000
Turkmenistan	1,076	1,100	1,100	2.39	2.36	2.36	2,570	2,600	2,600
Ukranine	5,600	5,000	5,000	0.80	0.84	0.84	4,500	4,200	4,200
Uzbekistan	8,500	9,000	6,700	2.74	3.11	3.43	23,300	28,000	23,000
Total	68,264	77,098	76,208	1.90	1.81	1.77	129,555	139,626	134,880
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	1.18	1.18	1.18	7,900	7,900	7,900
Total	13,800	13,800	13,800	1.35	1.35	1.35	18,612	18,612	18,612

See footnotes at end of table.

Table 2-46.—Tobacco: Area, yield, and production in specified countries, 1997–99—Continued

Continent and country	Area harvested			Yield per hectare			Production [2]		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [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
Benin	200	200	200	2.00	2.00	2.00	400	400	400
Burundi	705	705	705	1.00	1.00	1.00	705	705	705
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
Chad	200	200	200	1.00	1.00	1.00	200	200	200
Congo (Brazzaville)	4,000	4,000	4,000	0.45	0.45	0.45	1,800	1,800	1,800
Cote d'Ivoire	10,000	10,000	10,000	0.26	0.26	0.26	2,600	2,600	2,600
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
Kenya	8,805	8,805	8,805	2.51	2.51	2.51	22,120	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	122,300	104,200	100,200	1.30	1.30	1.27	158,615	135,138	127,150
Mali	1,000	1,000	1,000	0.55	0.55	0.55	550	550	550
Mauritius	655	655	655	1.63	1.63	1.63	1,065	1,065	1,065
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	2.30	2.10	2.10	23,000	21,000	21,000
Reunion	200	200	200	1.00	1.00	1.00	200	200	200
Sierra Leone	540	540	540	1.11	1.11	1.11	600	600	600
South Africa; Rep	14,905	14,905	14,064	1.81	2.20	2.32	27,000	32,768	32,683
Swaziland	200	200	200	1.00	1.00	1.00	200	200	200
Tanzania; United Rep	33,900	33,900	33,900	0.74	0.74	0.42	25,080	25,080	14,070
Togo	4,000	4,000	4,000	0.00	0.00	0.00	2,000	2,000	2,000
Uganda	7,525	7,525	7,525	0.96	0.96	0.96	7,198	7,198	7,198
Zaire	3,700	3,700	3,700	1.11	1.11	1.11	4,110	4,110	4,110
Zambia	4,882	4,882	4,882	1.29	1.29	1.29	6,300	6,300	6,300
Zimbabwe	97,750	99,566	91,910	1.97	2.25	2.09	192,144	223,977	192,025
Total	350,127	333,843	321,346	1.43	1.53	1.45	500,277	512,401	461,366
Other Asia:									
Bangladesh	50,263	50,263	50,263	0.88	0.88	0.88	44,000	44,000	44,000
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
China	2,353,000	1,647,000	1,310,000	1.81	1.80	1.82	4,251,000	2,966,000	2,380,000
India	420,200	432,780	429,940	1.48	1.46	1.51	623,700	633,200	648,600
Indonesia	216,500	214,000	212,000	0.08	0.94	0.99	17,500	202,000	210,000
Japan	25,662	26,214	25,725	2.67	2.56	2.49	68,504	67,100	63,960
Korea, North	20,000	20,000	20,000	1.33	1.33	1.33	26,640	26,640	26,640
Korea, South	27,181	25,730	25,730	2.00	2.02	2.02	54,388	52,040	52,040
Laos	4,000	4,000	4,000	0.75	0.75	0.75	3,000	3,000	3,000
Malaysia	11,297	14,720	13,000	1.06	0.80	0.81	11,965	11,805	10,540
Pakistan	45,862	50,317	53,100	1.88	1.84	1.85	86,279	92,728	98,500
Philippines	29,397	45,171	41,011	2.07	1.61	1.43	60,900	72,670	58,500
Sri Lanka	12,165	12,165	12,165	0.74	0.74	0.74	9,000	9,000	9,000
Taiwan	4,061	4,321	4,300	2.53	2.34	2.35	10,283	10,120	10,120
Thailand	47,000	51,000	51,800	1.47	1.33	1.18	69,250	67,600	61,000
Vietnam	36,000	36,000	36,000	0.89	0.89	0.89	32,000	32,000	32,000
Total	3,347,588	2,678,681	2,334,034	1.62	2.00	2.00	5,4 17,409	4,338,903	3,756,900
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	2,100	2,100	2,100	1.27	1.29	1.29	2,668	2,700	2,700
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	15,000	15,000	15,000	1.15	1.15	1.15	17,208	17,200	17,200
Turkey	323,000	288,300	263,600	0.96	0.90	0.91	310,850	260,750	238,600
United Arab. Emirates	350	350	350	5.71	5.71	5.71	2,000	2,000	2,000
Yemen	3,300	3,300	3,300	1.73	1.73	1.73	5,720	5,720	5,720
Total	369,461	334,761	310,061	1.01	0.96	0.97	372,867	322,791	300,641
Oceania:									
Australia	3,200	2,900	2,800	2.88	3.10	2.68	9,200	9,000	7,500
New Zealand	600	600	600	2.58	2.58	2.58	1,550	1,550	1,550
Solomon Islands	100	100	100	0.95	0.95	0.95	95	95	95
Total	3,900	3,600	3,500	2.78	2.96	2.61	10,845	10,645	9,145
World Total	5,351,292	4,642,538	4,192,201	1.65	1.61	1.63	8,822,851	7,470,332	6,842,322

[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,Cotton, Tobacco, and Seeds Division (202)720-9493. 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, 1989–98 (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:									
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	386,200	1,933	746,616	1,186,786	1,933,384	875,133	344,500	530,633	179.2
1996	422,200	2,151	908,345	1,116,427	2,063,769	947,261	391,200	556,061	183.4
1997	458,300	2,285	1,047,438	1,116,508	2,130,041	876,878	335,900	540,978	172.0
1998	368,800	2,204	812,797	1,253,163	2,067,956	833,676	341,230	492,446	175.5
Total fire-cured, types 21–23:									
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]	16,580	2,668	44,228	84,150	128,378	42,256	17, 209	25,047	222.7
1997 [4]	16,550	2,554	42,262	86,122	128,384	41,078	17,681	23,397	225.0
1998 [4]	16,840	2,365	39,835	87,306	127,141	40,420	15,177	25,243	220.8
Virginia fire-cured, type 21:									
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	3,956	5,694	2,903	[5]	2,903	179.0
1997 [4]	1,200	1,640	1,968	2,791	4,759	2,228	[5]	2,228	212.5
1998 [4]	1,500	1,560	2,340	2,531	4,871	4,871	[5]	4,871	193.6
Kentucky and Tennessee fire-cured, types 22–23:									
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]	15,480	2,745	42,490	80,194	122,684	39,353	17,209	22,144	224.5
1997 [4]	15,350	2,625	40,294	83,331	123,625	38,850	17,681	21,169	225.6
1998 [4]	15,340	2,444	37,495	84,775	122,270	35,549	15,177	20,372	222.5
Burley, type 31:									
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]	268,300	1,940	520,483	890,390	1,406,731	655,740	209,446	446,294	192.0
1997 [4]	335,300	1,934	648,633	750,991	1,379,222	547,616	168,395	379,221	188.5
1998 [4]	307,100	1,896	582,336	831,606	1,421,903	520,488	168,853	351,635	190.3
Maryland, type 32:									
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	157.0
1996 [4]	11,400	1,451	16,030	15,007	31,037	11,549	6,442	6,572	185.6
1997 [4]	11,200	1,629	17,700	19,488	37,188	14,645	6,515	8,130	158.5
1998 [4]	9,800	1,568	15,370	22,543	37,913	18,855	6,228	12,627	129.1

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, 1989–98 (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:									
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	2,050	8,567	27,280	35,880	11,181	1,266	9,178	176.2
1996 [4]	3,850	2,250	8,662	25,472	34,134	10	1	9	195.0
1997 [4]	3,710	2,241	8,315	23,857	32,172	10	0	10	201.6
1998 [4]	4,435	2,206	9,785	22,512	32,297	8	0	8	195.1
One Sucker, Green River type 35-36:									
1989	3,500	1,863	6,400	43,000	13,100	11,100	2,000	11,100	170.1
1990	3,400	2,219	7,500	37,400	11,900	10,800	1,100	10,800	186.3
1991	4,300	2,029	8,700	34,200	10,600	9,000	1,600	9,000	184.0
1992	4,600	2,222	10,300	33,900	9,700	8,400	1,300	8,400	169.7
1993	4,800	2,322	11,100	35,300	10,600	8,500	2,100	8,500	171.5
1994	4,620	2,527	11,673	36,373	9,093	7,339	1,754	7,339	168.5
1995 [4]	4,110	4,149	8,488	27,280	35,768	10,663	1,266	9,397	176.2
1996 [4]	3,780	2,262	8,550	25,424	33,974	10,141	1,192	8,949	191.1
1997 [4]	3,630	2,258	8,196	23,833	32,029	9,564	50	9,514	201.7
1998 [4]	4,335	2,229	9,663	22,465	32,128	8,107	7	8,100	203.9
Virginia sun-cured, type 37:									
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	(5)	112	100	(5)	100	153.0
1996 [4]	70	1,600	112	48	160	136	49	87	178.2
1997 [4]	80	1,490	119	24	143	96	51	45	190.8
1998 [4]	100	1,220	122	47	169	96	265	58	170.9
Total continental cigar filler, types 41–44:									
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	20,502	29,702	11,788	(5)	11,400	145.0
1996 [4]	4,600	2,040	9,384	17,939	27,323	14,124	(5)	12,700	155.0
1997 [4]	4,600	2,100	9,660	13,199	22,859	11,000	(5)	11,000	160.0
1998 [2]	4,500	2,100	9,450	12,969	22,419	11,039	*	11,039	130.0
Pennsylvania seedleaf filler, type 41:									
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	4,500	2,050	9,225	20,467	29,700	11,788	(5)	11,400	145.0
1996 [2]	4,800	2,140	10,272	17,939	27,323	14,124	*	14,124	155.0
1997 [2]	4,900	2,200	10,780	13,199	23,979	11,010	*	11,010	160.0
1998 [2]	4,500	2,100	9,450	12,969	22,419	11,039	*	11,039	130.0

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, 1989–98 (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:									
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
1997 [4]	0	0	0	0	0	.....	.....	.....	NA
1998 [8]	.....	.....	.....	.....	.....	.....	.....	.....	.....
Puerto Rican filler, type 46: [6]									
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 [6]	*	*	*	*	*	*	*	*	*
1996 [8]	*	*	*	*	*	*	*	*	*
1997 [8]	*	*	*	*	*	*	*	*	*
Total cigar binder, types 51–55:									
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	37,198	12,911	*	12,886	181.1
1995	4,000	2,165	8,661	25,931	34,592	11,257	*	11,257	213.8
1996	4,500	1,792	8,063	23,317	31,380	12,398	200	12,198	321.1
1997	4,590	2,365	10,856	18,982	28,243	10,655	400	10,255	378.4
1998 [4]	4,460	1,609	7,175	18,253	25,428	7,881	1,895	5,986	352.4
Connecticut Valley binder, types 51–52:									
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	1,240	1,969	2,441	1,381	3,822	2,245	0	2,245	389.0
1996	1,630	1,780	2,901	1,577	4,478	3,298	366	2,932	628.0
1997	2,040	1,783	2,541	1,180	4,751	2,700	605	2,095	727.3
1998	2,360	1,539	3,633	2,051	5,684	2,433	775	1,658	549.9
Wisconsin binder, types 54–55:									
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	9,250	0	9,250	145.0
1995	2,760	2,254	6,220	24,550	30,770	9,030	0	9,030	145.0
1996	2,870	1,799	5,162	21,740	26,902	9,100	200	8,900	148.6
1997	2,550	2,231	5,690	17,802	23,492	9,915	400	6,390	150.5
1998	2,100	2,114	3,542	16,202	19,744	5,448	1,120	4,328	149.7
Southern Wisconsin, type 54:									
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	1,900	2,370	4,513	.....	.....	.....	.....	.....	145.0
1996	1,900	1,900	3,610	.....	.....	.....	.....	.....	148.0
1997	1,800	2,330	4,194	.....	.....	.....	.....	.....	151.0
1998 [4]	1,500	1,735	2,603	.....	.....	.....	.....	.....	149.0

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, 1989–98 (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:									
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	860	1,975	1,707	...	...	...	...	...	145.0
1996	970	1,600	1,552	...	...	...	...	...	150.0
1997	750	1,995	1,496	...	...	...	...	...	151.0
1998	600	1,565	939	...	...	...	...	...	149.0
Total cigar wrapper, types 61:									
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	2,00	3,700	1,610	1,410	200	1,780.0
1995	1,250	1,580	1,975	2,090	3,792	1,536	1,400	136	[5]
1996	1,430	1,473	2,106	2,256	4,362	2,410	2,000	210	[5]
1997	1,680	1,431	2,314	1,952	4,266	2,219	2,100	119	[5]
1998 [4]	1,720	1,413	2,431	2,047	4,478	2,440	2,000	440	[5]
Total tobacco, types 11–72: [7]									
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	2,474,172	4,056,935	1,603,640	523,090	1,079,751	177.4
1995	663,125	1,913	1,268,538	2,319,687	3,741,931	1,516,160	982,613	533,547	182.0
1996	733,060	2,050	1,518,704	2,225,443	3,728,487	1,697,785	630,125	1,067,660	188.2
1997	836,230	2,049	1,787,399	2,030,702	3,744,380	1,494,139	531,739	962,400	180.2
1998 [4]	717,655	2,075	1,479,179	2,250,241	3,739,377	1,440,175	536,869	903,306	182.8

[1] July 1 for flue-cured types 11–14 and cigar types 61 and 62; Oct. 1 for all other types. Jan. 1 for Maryland type 32. [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. [8] No longer produced.

ERS, Specialty Crops Branch, (202) 694–5311. 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, 1994–98 (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:				
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
1997	1,342,946	1,146,482	988,750	1,281,224
1998	1,479,902	1,278,563	1,123,060	1,420,853
Virginia fire-cured, type 21:				
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
1997	2,163	2,490	2,088	1,861
1998	2,171	2,955	2,024	1,850
Kentucky and Tennessee fire-cured, types 22–23:				
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
1997	71,517	84,901	79,886	76,997
1998	73,561	89,710	86,187	78,219
Burley, type 31:				
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
1997	281,518	879,561	770,727	646,096
1998	764,153	754,245	783,324	693,711
Maryland, type 32:				
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
1997	1,642	17,054	17,371	15,549
1998	16,020	17,128	20,715	18,695
One Sucker and Green River, types 35–36:				
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
1997	21,651	48,192	22,268	20,307
1998	21,309	23,435	19,433	19,432
Virginia sun-cured, type 37:				
1994	202	715	122	114
1995	139	173	119	107
1996	116	83	77	48
1997	24	2,239	34	17
1998	23	66	37	37
Pennsylvania seedleaf, type 41:				
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
1997	15,777	20,582	13,765	12,245
1998	11,980	15,525	13,578	12,141
Miami Valley (Ohio) filler, types 42–44:				
1994	8	5	3	0
1995	0	0	0	0
1996	0	0	0	0
1997	0	0	0	0
1998	0	0	0	0
Puerto Rican filler, type 46:[2]				
1994	578	287	114	96
1995	55	48	43	35
1996	17	17	11	10
1997	1	0	0	0
1998	0	0	0	0
Connecticut Valley, types 51–52:				
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
1997	1,455	1,769	1,437	853
1998	1,916	1,398	1,251	1,493
Wisconsin binder, types 54–55:				
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
1997	15,495	22,052	18,613	16,997
1998	15,386	19,740	17,188	15,548
Cigar Wrapper, type 61:				
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
1997	2,184	2,144	1,590	1,157
1998	2,344	1,790	1,698	1,491
Georgia and Florida shade-grown, type 62:				
1994	0	0	0	0
1995	0	0	0	0
1996	0	0	0	0
1997	0	0	0	0
1998	0	0	0	0
Perique, type 72:				
1994	16	35	45	21
1995	38	38	47	27
1996	21	20	18	16
1997	24	23	22	45
1998	12	16	15	12
Other miscellaneous domestic, type 73:				
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
1997	2,681	2,398	2,852	1,915
1998	2,182	2,405	2,946	2,207
Foreign-grown cigar-leaf, types 81–89:				
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
1997	67,235	75,227	82,116	90,514
1998	87,953	93,279	78,638	92,167
Foreign-grown cigarette and smoking, types 91–99:				
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
1997	940,670	899,623	1,032,102	1,014,738
1998	1,005,466	968,565	935,595	946,608

[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, 1989–98

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*
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	0.29	710,380.3	.....	7,409	1,224	64,283
1991 ...	1,739.8	1,025.0	0.50	694,499.3	.....	6,728	1,187	64,325
1992 ...	1,740.5	1,309.9	0.14	718,667.0	.....	5,813	1,176	61,571
1993 ...	1,765.8	1,250.1	0.14	660,724.7	.....	5,318	1,137	57,998
1994 ...	1,916.5	1,409.8	0.01	725,006.7	3,307	1,318	1,081	56,780
1995 ...	2,056.8	1,430.4	0.01	743,519.1	2,886	1,247	1,085	57,678
1996 ...	NA	NA	NA	NA	2,905	1,039	1,114	56,012
1997 ...	2,323.6	1,476.1	0.00	765,324.2	2,562	911	977	53,663
1998 [2]	2,750.4	1,710.3	0.00	679,746.6	2,359	744	976	49,235
	Taxable removals and domestic invoices [3]							
1989 ...	2,364.7	1,146.8	0.36	540,068.3	.....	8,119	1,290	63,517
1990 ...	2,233.2	1,214.1	0.15	523,094.3	.....	7,172	1,235	62,278
1991 ...	2,134.0	1,532.0	0.07	486,338.4	.....	6,446	1,190	63,664
1992 ...	2,105.8	1,302.0	0.1	509,494.8	.....	5,658	1,169	60,915
1993 ...	2,110.8	1,205.2	0.1	462,858.6	.....	4,995	1,122	57,671
1994 ...	2,144.8	1,366.9	00.2	488,606.9	3,095	1,191	1,114	56,431
1995 ...	2,364.6	1,397.0	0.00	489,265.8	3,015	1,147	1,092	57,048
1996 ...	NA	NA	NA	NA	2,797	952	1,104	55,136
1997 [2]	3,031.2	1,587.3	0.00	495,237.5	2,517	806	1,010	52,480
1998 [2]	3,185.1	1,638.0	0.00	457,871.7	2,288	674	968	48,562
	Tax-free removals and exports							
1989 ...	76.1	1.9	0	147,494.8	.....	181	0	77
1990 ...	73.9	0.13	0	178,742.1	.....	157	0	58
1991 ...	72.9	0.15	0	193,778.8	.....	88	0	50
1992 ...	78.1	8.1	0	199,240.4	.....	119	0	57
1993 ...	68.8	7.8	0.1	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 ...	NA	NA	NA	NA	73	32	0	100
1997 [2]	115.7	66.3	0.00	310,329.5	65	23	0	94
1998 [2]	134.3	1,323	0.00	212,364.9	48	30	0	73

See footnotes at end of table.

Table 2-49.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1989–98—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*
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 ..	6,939	90	4,954	61,539	134,592
1997 ..	6,770	72	4,555	64,336	133,846
1998 [2]	6,154	60	6,251	65,477	131,256
	Taxable removals and domestic invoices [3]				
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 ..	6,469	88	4,790	61,390	132,726
1997 [2]	5,999	70	4,746	62,481	130,109
1998 [2]	5,604	62	6,356	64,051	128,565
	Tax-free removals and exports				
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 ..	429	0	0	292	926
1997 [2]	532	0	0	862	1,576
1998 [2]	531	0	0	682	1,364

[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, 1989–99 [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*
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	0.50	1,041	5.58
1991	510	905	2,713	2.3	38	12	94	0.50	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	487	819	2,505	2.6	44	26	91	0.47	953	4.91
1996	487	814	2,482	3.1	52	31	90	0.46	960	4.70
1997	480	805	2,422	3.5	58	37	88	0.45	1,004	4.66
1998 [5]	465	781	2,320	3.7	60	38	87	0.43	962	4.49
1999 [5]	435	730	2,146	3.7	61	39	88	0.43	903	4.21

[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. NA= Not Available

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202) 694–5311. 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, 1989–98

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*
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	2,568	85	78
1996 [5]	755.4	487	261.0	243.9	2,413	3,054	98	84
1997 [5]	719.6	480	232.0	217.0	2,324	3,517	110	136
1998 [5]	679.7	465	212.5	201.3	2,751	3,655	112	158

[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) 694–5311. 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, 1989–98 [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*
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	195.5	19.4	176	124.5	19.8
1998	162.8	82.5	10.1	177.8	.....	.....

[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)–720–5291.

Table 2-53.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, 1996–98

Type and country of origin	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cigarette leaf:			
Turkey	66,808	66,047	57,878
Brazil	49,459	48,720	18,325
Greece	13,074	13,802	8,807
Malawi	13,208	21,819	7,501
Canada	3,943	6,136	6,763
Indonesia	6,258	11,480	6,260
Dominican Rep	5,670	7,442	6,233
Italy	7,053	5,842	6,152
Thailand	13,951	10,610	5,883
Other Countries	59,438	60,657	49,557
Total	238,862	252,555	173,359
Cigar wrapper:			
Indonesia	210	434	281
Ecuador	229	236	225
Dominican Rep	329	421	180
Central African	0	25	94
Other Countries	255	351	158
Total	1,023	1,467	938
Scrap:			
Turkey	6,060	10,460	6,776
Mexico	48	244	1,478
Canada	155	373	1,245
Dominican Rep	531	961	1,006
Lebanon	37	76	843
Guatemala	0	0	449
Other Countries	2,580	2,015	1,617
Total	9,411	14,129	13,414
Stems:			
Brazil	32,874	15,157	18,219
Argentina	7,985	4,887	5,500
Zimbabwe	1,921	1,258	1,879
Turkey	0	105	1,796
Honduras	106	142	1,415
Other Countries	10,202	3,856	6,983
Total	53,088	25,405	35,792
Grand total [2]	302,384	293,556	223,503

[1] Preliminary. [2] Includes unstemmed and stemmed cigar filler.
FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9493. Compiled from U.S. Bureau of the Census records.

Table 2-54.—Tobacco, unmanufactured: International trade, 1996–98

Continent and country	1996		1997		1998	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North America:						
Canada	25,780	10,147	24,000	9,900	22,377	9,900
Mexico	15,308	4,000	14,462	4,000	10,112	3,350
United States	221,512	306,838	211,917	246,762	230,000	200,000
Total North America	262,600	320,985	250,379	260,662	262,489	213,250
Central America:						
Belize	0	55	0	55	0	55
Costa Rica	0	78	0	78	0	78
El Salvador	358	404	358	804	358	804
Guatemala	10,115	50	11,074	0	9,043	143
Honduras	4,686	175	4,686	175	4,686	175
Nicaragua	160	400	160	400	160	400
Panama	1,300	200	1,300	200	1,300	200
Total Central America	16,619	1,362	17,578	1,712	15,547	1,855
Carribean:						
Bahamas, The	0	65	0	65	0	48
Barbados	0	155	0	155	0	155
Cuba	5,000	300	5,000	300	5,000	300
Dominican Republic	17,600	670	16,000	360	18,059	360
Haiti	0	1,000	0	1,000	0	1,000
Jamaica & Dep	200	450	200	450	200	450
St. Lucia	20	20	20	15	20	15
St. Vincent and Gren.	70	30	65	25	65	25
Trinidad and Tobago	0	800	0	800	0	800
Total Carribean	22,890	3,490	21,285	3,170	23,344	3,153

See footnotes at end of table.

Table 2-54.—Tobacco, unmanufactured: International trade, 1996–98 —Continued

Continent and country	1996		1997		1998	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
South America:						
Argentina	65,200	5,700	52,400	4,000	46,500	4,000
Bolivia	0	250	0	250	0	250
Brazil	319,000	18,900	300,500	14,550	318,000	15,000
Chile	2,780	1,289	2,468	3,657	2,050	3,350
Colombia	14,000	475	14,000	475	14,000	475
Ecuador	250	800	250	800	250	800
Guyana	0	160	0	160	0	160
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	0	7,803	0	6,800	0	4,420
Total South America	408,616	39,547	377,004	34,862	388,186	32,625
European Union:						
Austria	400	16,250	220	17,689	420	18,100
Belgium-Luxembourg	32,685	53,852	30,000	54,080	30,000	54,080
Denmark	2,246	16,438	2,539	15,984	2,500	16,000
Finland	623	6,956	1,916	5,175	207	3,100
France	11,527	22,563	11,591	22,998	11,590	23,000
Germany	85,315	222,080	80,000	230,000	80,000	217,463
Greece	103,000	17,000	98,008	17,500	99,000	16,500
Ireland	0	5,800	0	5,700	0	5,700
Italy	98,984	34,473	95,701	38,765	91,100	34,300
Netherlands	9,470	105,358	10,276	84,813	10,276	84,813
Portugal	2,000	7,800	2,000	7,800	2,000	7,800
Spain	22,913	55,586	19,958	61,183	22,750	61,000
Sweden	914	3,514	2,173	8,696	500	12,623
United Kingdom	15,515	157,689	16,326	149,756	15,000	147,000
Total European Union	385,592	725,359	370,708	720,139	365,343	701,479
Western Europe:						
Malta & Gozo	150	1,000	150	1,000	150	1,000
Norway	569	5,774	932	8,404	900	8,000
Switzerland	9,000	11,975	2,450	24,850	2,450	0
Total Western Europe	9,719	18,749	3,532	34,254	3,500	9,000
Eastern Europe:						
Albania	1,500	68	1,200	34	1,000	32
Bulgaria	12,678	11,540	15,527	11,833	20,540	12,200
Croatia	7,675	2,869	4,765	2,907	4,800	2,400
Czech Republic	250	17,750	250	18,000	250	18,170
Hungary	1,000	19,000	2,000	18,000	2,000	19,100
Macedonia (Skopje)	23,000	19,000	23,000	18,000	23,000	19,100
Poland	5,641	44,526	4,000	44,230	5,000	45,500
Romania	0	11,800	0	13,000	0	13,000
Slovakia	800	2,000	700	2,100	700	2,100
Yugoslavia	1,100	6,200	500	4,500	500	4,500
Total Eastern Europe	53,644	134,753	51,942	132,604	57,790	136,102
Former Soviet Union:						
Armenia; Republic of	0	2,671	0	2,671	0	0
Azerbaijan; Republic of	7,000	2,671	8,000	2,671	8,000	2,671
Belarus	0	9,000	0	8,500	0	8,000
Estonia	0	1,800	0	1,800	0	1,800
Georgia; Republic of	1,500	1,800	1,500	1,800	1,500	1,800
Kazakhstan; Republic of	400	2,000	500	500	800	500
Kyrgyzstan; Republic of	23,000	1,000	23,000	1,000	23,000	1,000
Latvia	0	2,000	0	2,100	0	2,100
Lithuania	0	4,000	0	4,100	0	4,100
Moldova; Republic of	20,000	1,700	20,000	1,200	20,000	1,500
Russian Federation	1,760	184,900	640	200,830	300	165,000
Tajikistan; Republic of	2,800	184,900	2,000	200,830	2,000	165,000
Turkmenistan	0	4,000	0	4,500	0	4,500
Ukraine	0	47,000	0	45,000	0	45,000
Uzbekistan; Republic of	11,900	3,300	14,400	3,600	16,500	4,000
Total former Soviet Union	68,360	452,742	70,040	481,102	72,100	406,971
Middle East:						
Bahrain	0	175	0	175	0	175
Cyprus	20	1,400	20	1,400	20	1,400
Israel	0	4,800	0	4,900	0	4,900
Jordan	500	2,500	400	2,500	400	2,800
Kuwait	15	65	15	65	15	65
Lebanon	2,000	65	2,000	65	2,000	65
Oman	700	100	700	100	700	100
Saudi Arabia	1	1	1	1	1	1
Syria	9,646	1	5,000	1	5,000	1
Turkey	160,360	43,300	128,808	37,200	125,000	42,500
Yemen	0	6,000	0	6,000	0	6,000
Total Middle East	173,242	58,407	136,944	52,407	133,136	58,007

See footnotes at end of table.

Table 2-54.—Tobacco, unmanufactured: International trade, 1996–98—Continued

Continent and country	1996		1997		1998	
	Exports	Imports	Exports	Imports	Exports	Imports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North Africa:						
Algeria	0	18,000	0	18,000	0	18,000
Egypt	0	29,174	0	55,462	0	55,000
Libya	0	2,000	0	2,000	0	2,000
Morocco	0	8,000	0	8,000	0	8,000
Sudan	0	500	0	500	0	500
Tunisia	0	5,500	0	5,500	0	5,500
Total North Africa	0	63,174	0	89,462	0	89,000
Other Africa:						
Angola	0	1,500	0	1,500	0	1,500
Benin	0	475	0	475	0	475
Botswana	0	200	0	200	0	200
Burkina	0	1,100	0	1,100	0	1,100
Cameroon	1,500	2,400	1,500	2,400	1,500	2,400
Cape Verde	0	90	0	90	0	90
Central African Repub	370	300	370	350	370	350
Comoros	0	4	0	4	0	4
Congo (Brazzaville)	0	1,200	0	1,200	0	1,200
Cote d'Ivoire	0	3,000	0	3,000	0	3,000
Djibouti Afars-Issas	0	85	0	85	0	85
Ethiopia	0	400	0	400	0	400
Gambia, The	0	360	0	370	0	370
Ghana	0	275	0	275	0	275
Kenya	11,100	275	11,100	275	11,100	275
Liberia	0	315	0	315	0	315
Madagascar	500	1,000	500	1,000	500	1,000
Malawi	111,449	9,500	135,300	3,700	107,600	12,000
Mali	0	200	0	200	0	200
Mauritius	0	70	0	70	0	70
Mozambique	0	100	0	100	0	100
Niger	0	100	0	100	0	100
Nigeria	0	2,300	0	2,300	0	2,300
Reunion	160	200	160	200	160	200
Senegal	0	4,100	0	4,200	0	0
Sierra Leone	100	525	100	525	100	525
South Africa, Republic	12,140	14,794	14,210	22,597	21,000	9,893
Tanzania, United Rep	14,000	14,794	14,000	22,597	14,000	9,893
Togo	0	50	0	50	0	0
Uganda	3,900	50	3,900	50	3,900	0
Zaire	0	1,000	0	1,000	0	1,000
Zambia	2,000	20	2,000	20	2,000	20
Zimbabwe	159,941	45	168,804	60	175,200	45
Total Other Africa	317,160	60,827	351,944	70,808	337,430	49,385
Asia:						
Afghanistan	0	6	0	6	0	6
Bangladesh	2,500	1,100	2,500	1,100	2,500	1,100
China, Peoples Rep	77,796	14,834	92,173	9,757	97,600	13,000
Hong Kong	8,023	24,468	4,120	16,829	4,532	17,648
India	117,900	350	81,790	350	85,000	310
Indonesia	17,075	49,708	15,955	17,658	15,000	15,000
Japan	6,203	90,469	2,500	91,500	2,400	92,950
Korea, North	1,500	90,469	1,200	91,500	1,000	92,950
Korea, South	2,642	12,927	500	18,000	500	18,000
Macau	0	60	0	60	0	60
Malaysia	0	20,475	0	14,601	0	22,040
Nepal	0	8,000	0	8,000	0	8,000
Pakistan	2,500	900	3,750	976	5,500	1,000
Philippines	14,030	22,951	10,806	17,598	6,500	22,907
Singapore	7,519	23,739	8,458	22,100	6,200	17,700
Sri Lanka	500	250	500	250	500	250
Taiwan	942	9,717	87	13,980	90	14,000
Thailand	26,215	9,976	28,516	8,661	27,400	5,260
Total Asia	285,345	380,399	252,855	332,926	254,722	342,181
Oceania:						
Australia	734	14,259	906	12,903	900	13,800
Fiji	0	180	0	180	0	180
New Zealand	0	3,000	0	3,000	0	3,000
Solomon Islands	0	150	0	150	0	150
Total Oceania	734	17,589	906	16,233	900	17,130
World Total	2,004,521	2,277,383	1,905,117	2,230,341	1,914,487	2,060,138

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

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9493, 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, 1996–98

Type and country of destination	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
Total Leaf: [2]			
Japan	40,245	36,517	38,672
Germany	27,739	32,356	38,360
Turkey	15,943	19,124	20,053
Netherlands	18,320	13,684	19,968
Belgium/Luxembourg	18,200	17,713	11,460
Spain	8,205	7,248	7,919
United Kingdom	15,615	8,261	7,071
Denmark	6,834	7,031	6,727
Thailand	7,234	9,794	6,443
Italy	7,921	8,281	6,332
Malaysia	6,881	8,645	4,901
Taiwan	4,205	5,416	4,843
Switzerland	6,756	5,175	4,692
Korea, South	6,565	7,086	4,243
Dominican Republic	2,705	4,255	3,709
France	1,466	3,189	3,007
Philippines	2,894	3,465	2,271
Australia	2,552	1,921	2,249
Russian Federation	146	240	1,958
Norway	1,252	1,131	1,444
Portugal	0	0	1,443
Nigeria	1,073	1,146	1,409
Sweden	1,694	2,382	1,183
Singapore	3,399	1,722	1,094
China, Peoples Rep	54	427	1,078
Honduras	209	400	1,005
Indonesia	3,120	1,838	962
South Africa	265	443	955
Venezuela	497	1,277	665
Pakistan	403	432	576
Canada	1,404	1,633	472
Israel	473	753	462
Finland	98	816	452
Hong Kong	2,427	2,133	417
Croatia	118	0	323
Hungary	213	168	280
Jamaica & Dep	289	566	270
Sri Lanka	42	88	245
Cyprus	218	178	218
Bangladesh	228	288	217
Greece	218	469	206
Other countries	4,909	3,093	1,663
Total	223,029	220,784	211,917
Flue-cured:			
Japan	22,940	23,731	23,841
Germany	15,899	18,351	22,769
Turkey	8,338	10,112	10,804
Netherlands	5,451	4,389	8,449
Belgium/Luxembourg	7,551	7,319	6,699
United Kingdom	9,726	6,142	5,315
Taiwan	4,116	5,053	4,240
Korea, South	6,552	6,541	4,152
Malaysia	5,123	5,499	3,675
Italy	3,785	3,803	3,319
Denmark	3,221	3,509	3,270
Australia	1,900	1,362	1,996
Thailand	3,032	5,424	1,814
Switzerland	1,741	1,916	1,176
Spain	1,524	1,726	1,117
China, Peoples Rep	54	427	1,030
Norway	745	769	980
Indonesia	2,254	1,586	735
Singapore	1,934	1,042	618
Pakistan	403	432	576
France	296	1,174	491
Philippines	1,135	1,157	485
Portugal	0	0	368
Nigeria	12	303	354
Sweden	849	396	303
Croatia	0	0	287
Cyprus	218	178	218
Greece	203	469	196
New Zealand	617	211	196
Bangladesh	208	269	169
Hungary	0	63	147
Canada	449	366	93
Other countries	2,993	2,472	552
Total	113,269	116,191	110,434
Burley:			
Germany	9,705	10,489	10,241
Japan	8,395	6,702	7,593
Turkey	2,351	7,471	7,031
Netherlands	7,242	5,300	6,442
Thailand	4,201	4,323	3,935
Belgium/Luxembourg	3,937	6,037	3,766
Philippines	1,549	2,305	1,786
Switzerland	1,017	1,561	1,782
Italy	3,141	2,804	1,617
Denmark	1,623	1,589	1,372
Spain	1,652	1,334	1,170
Portugal	0	0	968
Malaysia	1,512	2,618	795
France	612	960	424
Singapore	1,366	607	319
Sweden	38	278	134
United Kingdom	952	143	134
Hungary	0	105	132
Canada	513	744	64
Hong Kong	858	644	57
Indonesia	203	86	55
Australia	165	96	52
China, Peoples Rep	0	0	47
Norway	23	22	39
Israel	227	295	37
Taiwan	71	0	35
Egypt	0	170	34
Peru	68	28	33
South Africa	0	19	23
Costa Rica	35	18	18
Finland	21	11	10
Greece	0	0	10
Others	724	50	11
Total	52,201	56,809	50,166

See footnotes at end of table.

Table 2-55.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, 1996–98—Continued

Type and country of destination	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
Dark-fired Kentucky and Tennessee:			
Netherlands	2,420	3,345	1,920
France	484	504	1,212
Thailand	0	0	677
Turkey	0	38	656
Sweden	503	537	485
Nigeria	259	369	295
Switzerland	247	228	263
Sri Lanka	0	15	227
Belgium	215	146	213
Norway	465	16	203
Denmark	53	109	125
Finland	0	92	98
Austria	19	61	38
Indonesia	60	36	36
Egypt	309	0	19
India	0	0	13
Malta & Gozo	7	0	6
Israel	0	0	6
Brazil	0	0	4
Japan	5	0	4
Other countries	241	1,039	3
Total	5,287	6,535	6,503
VA Fire and Sun-Cured:			
Sweden	155	131	157
Norway	19	307	146
Spain	0	0	14
Bahamas, The	0	4	0
Dominican Republic	27	0	0
Germany	5	0	0
Hong Kong	0	3	0
Jamaica & Dep	0	2	0
United Kingdom	291	0	0
Other countries	0	0	0
Total	497	447	317
Maryland:			
Germany	764	746	630
Italy	290	719	499
Israel	150	194	229
Switzerland	390	308	135
France	0	267	74
Netherlands	0	0	69
Croatia	0	0	36
Belguim	0	68	20
Other Countries	567	60	49
Total	2,161	2,362	1,741
Blackfat:			
Bahamas, The	0	0	10
French Guiana	11	12	8
Grenada	3	3	1
St. Lucia	5	5	1
Benin	0	91	0
Nigeria	702	388	0
Other Countries	252	1	1
Total	973	500	21

Type and country of destination	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cigar Wrapper:			
Dominican Republic	1,244	2,040	1,648
Hong Kong	0	0	203
Chile	60	132	120
Malaysia	0	0	76
France	2	9	53
Honduras	17	111	39
Switzerland	12	21	23
Jamaica & Dep	3	4	18
India	0	0	17
Spain	7	8	16
Dominica	0	0	11
Other Countries	220	98	46
Total	1,565	2,423	2,270
Stems Refuse:			
Japan	8,881	6,068	7,228
Germany	1,287	2,624	4,681
Netherlands	3,126	533	2,534
Denmark	1,937	1,804	1,945
Russian Federation	130	99	1,732
United Kingdom	2,115	1,367	1,583
Turkey	3,229	641	1,416
Switzerland	3,335	1,111	864
France	64	139	745
Belgium	6,223	4,024	735
Italy	230	579	708
Venezuela	493	1,266	663
Finland	57	714	334
Dominican Republic	14	90	224
Australia	473	441	171
Spain	204	202	157
Singapore	98	52	156
Indonesia	104	73	136
Israel	96	185	113
Portugal	0	0	108
Ireland	7	0	102
Sweden	146	1,038	102
Others	1,725	1,829	663
Total	33,974	24,879	27,100
Other unmanufactured, Tobacco:			
Spain	4,820	3,978	5,444
Dominican Republic	1,383	2,111	1,836
Honduras	143	240	961
South Africa, Rep	28	424	931
Nigeria	51	85	761
Netherlands	79	101	554
Taiwan	18	0	540
Switzerland	14	31	450
Canada	267	371	315
Malaysia	246	200	268
Russian Federation	0	0	227
Italy	261	22	189
Jamaica & Dep	228	444	158
Turkey	1,658	860	146
Nicaragua	29	219	90
Trinidad and Tobago	21	139	56
Senegal	0	0	51
Bolivia	0	0	50
United Kingdom	2,516	609	38
Germany	77	5	32
Others	1,263	799	269
Total	13,102	10,638	13,366

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

FAS, Cotton, Oilseeds, Tobacco and Seeds Division, (202) 720–9493. Compiled from U.S. Bureau of the Census records.

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, 1990–99

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/ton*	*1,000 dollars*
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	12,888.1	7,143.5	4,363.2	2,780.3	126.00	914,564
1997	13,406.0	6,934.6	4,182.4	2,752.2	121.00	835,371
1998	10,683.6	5,365.4	3,261.1	2,104.3	129.00	687,179
1999 [2]	13,381.0	6,422.4	NA	NA	88.50	562,468

[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 and farm disposition, by State and United States, 1997–99

State	Production			Farm disposition						Used for planting [2]		
				Sales to oil mills			Other [3]					
	1997	1998	1999 [1]	1997	1998	1999 [4]	1997	1998	1999 [4]	1997	1998	1999 [4]
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	196.0	192.0	224.0	87.0	67.0	.....	109.0	125.0	.....	5.7	6.4	.....
AZ	312.0	288.0	273.0	73.0	52.0	.....	239.0	236.0	.....	2.4	2.4	.....
AR	632.0	478.0	553.0	528.0	422.0	.....	104.0	56.0	.....	8.7	9.1	.....
CA	942.0	544.0	797.0	153.0	84.0	.....	789.0	460.0	.....	7.2	7.1	.....
FL	45.0	26.0	45.0	31.0	14.0	.....	14.0	12.0	.....	1.0	1.1	.....
GA	660.0	526.0	529.0	332.0	229.0	.....	328.0	297.0	.....	16.4	18.0	.....
KS	3.1	5.8	8.4	3.1	5.6	.....	0.0	0.2	.....	0.2	0.3	.....
LA	359.0	236.0	336.0	206.0	134.0	.....	153.0	102.0	.....	4.8	5.1	.....
MS	704.0	561.0	676.0	660.0	543.0	.....	44.0	18.0	.....	9.5	11.0	.....
MO	223.0	135.0	182.0	148.0	121.0	.....	75.0	14.0	.....	3.9	3.9	.....
NM	40.5	32.6	34.0	2.3	4.5	.....	38.2	28.1	.....	0.8	0.7	.....
NC	321.0	351.0	279.0	63.0	88.0	.....	258.0	263.0	.....	6.4	6.9	.....
OK	72.0	54.0	58.0	56.0	47.0	.....	16.0	7.0	.....	1.8	2.5	.....
SC	142.0	122.0	95.0	89.0	69.0	.....	53.0	53.0	.....	2.0	2.0	.....
TN	260.0	205.0	227.0	208.0	154.0	.....	52.0	51.0	.....	4.7	5.3	.....
TX	1,983.0	1,558.0	2,056.0	1,543.0	1,227.0	.....	440.0	331.0	.....	57.6	57.4	.....
VA	40.0	51.0	50.0	0.0	0.0	.....	40.0	51.0	.....	0.8	0.9	.....
US	6,934.6	5,365.4	6,422.4	4,182.4	3,261.1	.....	2,752.2	2,104.3	.....	133.9	140.1	.....

[1] Preliminary. [2] Included in 'other' farm disposition. Planting seed from previous years' crop. [3] Includes planting seed, feed, exports, inter-farm sales, shrinkage, losses, and other uses. [4] Not available.

NASS, Crops Branch, (202) 720–2127.

Table 3-3.—Cottonseed: Price per ton and value of production, by State and United States, crop of 1997–99

State	Marketing year average price per ton			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	111.00	111.00	79.00	21,756	21,312	17,696
AZ	134.00	148.00	130.00	41,808	42,624	35,490
AR	106.00	121.00	72.50	66,992	57,838	40,093
CA	174.00	177.00	137.00	163,908	96,288	109,189
FL	120.00	110.00	85.50	5,400	2,860	3,848
GA	108.00	105.00	73.00	71,280	55,230	38,617
KS	106.00	116.00	60.00	329	673	504
LA	110.00	113.00	71.00	39,490	26,668	23,856
MS	106.00	116.00	72.50	74,624	65,076	49,010
MO	111.00	131.00	91.00	24,753	17,685	16,562
NM	134.00	149.00	97.50	5,427	4,857	3,315
NC	114.00	114.00	96.00	36,594	40,014	26,784
OK	106.00	116.00	60.00	7,632	6,264	3,480
SC	108.00	108.00	72.50	15,336	13,176	6,888
TN	115.00	131.00	78.00	29,900	26,855	17,706
TX	114.00	131.00	80.00	226,062	204,098	164,480
VA	102.00	111.00	99.00	4,080	5,661	4,950
US	121.00	129.00	88.50	835,371	687,179	562,468

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-4.—Cottonseed: Crushings, output of products and product prices, United States, 1989–98

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*
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	1,216	25.58	1,752	192.00
1992	3,629	1,137	30.07	1,533	161.78	1997	3,885	1,223	28.84	1,767	145.00
1993	3,470	1,119	30.30	1,563	164.30	1998	2,719	820	28.00	1,205	110.00

[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 3-5.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1989–98 [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*
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
1997	17.7	3.93	10.7	0.7	0.9	99.39	99.3	98.7	9,711
1998	17.6	3.93	9.9	0.8	0.7	99.05	99.6	98.6	4,996

[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 Program, (901) 384–3016.

Table 3-6.—Cottonseed oil and cottonseed cake and meal: United States exports by country of destination 1995/96–1997/98 (Marketing year October–September)

Continent and country of destination	Cottonseed oil [1]			Cottonseed cake and meal		
	1995/96	1996/97	1997/98 [2]	1995/96	1996/97	1997/98 [2]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
North and Central America; incl. Caribbean:						
Canada	26,790	34,991	35,466	1,465	1,140	1,459
Dominican Republic	27	66	0	454	0	0
El Salvador	21,412	21,461	1,798	0	0	0
Guatemala	900	0	0	1,437	3,461	119
Mexico	1,495	7,206	3,703	53,061	57,677	84,530
Total [3]	56,720	65,557	42,408	56,418	62,278	86,132
South America:						
Venezuela	0	4	0	0	200	2
Total [3]	13,146	10,813	32	217	479	211
Europe:						
Austria	0	0	0	4,248	3,111	13,991
Belgium and Luxembourg	0	0	0	10,170	2,451	774
Denmark	5	0	0	0	0	0
France	0	0	0	40	131	10
Germany	108	226	0	9,004	4,574	1,244
Netherlands	1,998	2,199	510	1,365	0	0
United Kingdom	9,562	40	7	20	159	80
Total [3]	14,868	2,641	1,076	30,804	17,832	20,058
Africa:						
Egypt	0	0	0	0	0	0
Total [3]	4,336	0	0	1,000	40	0
Asia:						
Hong Kong	0	1,666	0	0	40	0
Israel	1,090	1,413	936	0	0	0
Japan	12,467	6,969	4,821	3,173	738	754
Korea, Rep. of	2,984	1,556	652	27,559	17,067	2,175
Total [3]	19,443	15,209	6,681	31,033	18,397	3,256
Oceania	296	36	0	223	0	0
Grand total [4]	108,808	94,256	50,196	119,695	99,026	109,656

[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 3-7.—Cottonseed: Area, yield, and production in specified countries, 1996/97–1998/99 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	246	200	229	1.50	1.67	1.48	368	334	339
United States	5,216	5,425	4,324	1.24	1.16	1.13	6,481	6,291	4,867
Total [4]	5,462	5,625	4,553	1.25	1.18	1.14	6,849	6,625	5,206
South America:									
Argentina	880	850	650	0.64	0.64	0.54	560	548	350
Brazil	695	850	800	0.71	0.76	0.98	490	650	782
Colombia	86	54	55	1.21	1.31	1.35	104	71	74
Paraguay	105	200	140	0.64	0.60	0.71	67	120	100
Peru	109	85	60	0.91	0.54	0.88	99	46	53
Total [4]	1,969	2,141	1,785	0.71	0.70	0.79	1,390	1,504	1,411
European Union:									
Greece	420	388	412	1.13	1.44	1.39	475	560	573
Spain	76	108	97	1.51	1.52	1.49	115	164	145
Total [4]	497	497	510	1.19	1.46	1.41	591	725	719
Former Soviet Union: [5]									
Azerbaijan	213	210	152	0.68	0.36	0.46	145	75	70
Kazakhstan	110	90	115	0.94	1.22	0.78	103	110	90
Kyrgyzstan	40	25	33	1.00	1.40	1.36	40	35	45
Tajikistan	235	214	240	0.68	0.86	0.86	160	184	207
Turkmenistan	450	450	475	0.58	0.82	0.87	260	370	415
Uzbekistan	1487	1483	1485	1.35	1.55	1.35	2014	2300	2000
Total	2,535	2,472	2,500	1.07	1.24	1.13	2,722	3,074	2,827
Africa:									
Cameroon	191	170	180	1.08	1.03	1.00	206	175	180
Egypt	387	374	280	1.52	1.28	1.36	590	480	380
Mali	420	500	500	0.82	0.80	0.81	346	399	403
South Africa, Republic of	116	111	137	0.53	0.77	0.77	62	85	105
Sudan	280	265	150	0.82	0.79	0.85	230	210	128
Tanzania, United Republic of	280	280	250	0.43	0.41	0.24	121	114	60
Zimbabwe	313	315	320	0.56	0.58	0.63	176	183	200
Total [4]	1,987	2,015	1,817	0.87	0.82	0.80	1,731	1,646	1,456
Asia and the Middle East:									
China, Peoples Republic of	4,722	4,491	4,459	1.60	1.84	1.82	7,560	8,280	8,100
India	9,122	8,904	9,300	0.65	0.59	0.58	5,897	5,238	5,437
Iran	300	240	230	0.81	0.73	0.81	242	175	187
Israel	30	30	30	3.07	2.93	3.00	92	88	90
Pakistan	3,148	2,960	2,900	1.01	1.06	0.95	3,188	3,124	2,750
Syria	220	251	272	2.39	2.78	2.50	525	699	679
Turkey	743	722	757	1.58	1.65	1.70	1,175	1,190	1,290
Total [4]	18,285	17,598	17,948	1.02	1.07	1.03	18,679	18,794	18,533
Australia	396	438	553	2.00	2.15	1.79	842	941	990
World Total [6]	33,770	33,766	32,913	1.02	1.04	1.00	34,386	35,061	32,797

[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 3-8.—Flaxseed: Area, yield, production, disposition, and value, United States, 1990–99

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*
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	3,482	4.25	14,847
1994	178	171	17.1	2,922	4.63	13,590
1995	165	147	15.0	2,212	5.20	11,481
1996	96	92	17.4	1,602	6.37	10,197
1997	151	146	16.6	2,420	5.81	14,046
1998	336	329	20.4	6,708	5.05	33,809
1999 [1]	387	382	20.6	7,880	3.90	31,000

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-9.—Flaxseed: Supply and disappearance, United States, 1989–98

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*
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	2,212	7,300	10,682	78	119	9,000	9,280
1996	1,230	1,602	8,390	11,222	123	144	10,000	10,625
1997	453	2,420	9,636	12,509	272	174	10,500	11,154
1998	1,181	6,708	5,992	13,881	276	476	10,600	11,247

[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 3-10.—Flaxseed: Area, yield, and production, by States, 1997–99

State	Area planted			Area harvested			Yield per harvested acre			Production		
	1997	1998	1999	1997	1998	1999	1997	1998	1999	1997	1998	1999
	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	6	30	13	6	27	12	16.0	16.0	25.0	96	432	300
ND	125	280	330	121	277	327	16.5	21.0	21.0	1,997	5,817	6,867
SD	15	15	22	14	14	21	18.0	21.0	17.0	252	294	357
Other States	5	11	22	5	11	22	15.0	15.0	16.2	75	165	356
US [1]	151	336	387	146	329	382	16.6	20.4	20.6	2,420	6,708	7,880

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

NASS, Crops Branch, (202) 720–2127.

Table 3-11.—Flaxseed: Marketing year average price and value of production, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per bushel			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
MN	5.85	4.70	4.10	562	2,030	1,230
ND	5.81	5.05	3.90	11,603	29,376	26,781
SD	5.68	4.86	3.80	1,431	1,429	1,357
Other States	6.00	5.90	4.58	450	974	1,632
US [2]	5.81	5.05	3.90	14,046	33,809	31,000

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

NASS, Crops Branch, (202) 720–2127.

Table 3-12.—Flaxseed: Support operations, United States, 1990–99

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*
1990/91	([4])	([4])	([4])	([4])	([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	6.4	39.3	0
1995/96	4.87	51.8	2.3	0.0	0
1996/97	5.07	39.3	2.5	0.0	0
1997/98	5.21	105.4	4.4	0.0	0
1998/99	5.21	301.8	4.5	0.0	2
1999/2000	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) 720–8838.

Table 3-13.—Flaxseed and linseed oil and meal: Average price Minneapolis, 1989–98

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*
1989	7.20	40.2	139.30	1994	4.63	33.7	91.96
1990	5.27	38.0	130.10	1995	5.19	36.5	133.54
1991	3.52	32.0	127.57	1996	6.37	36.0	169.74
1992	4.12	31.5	133.60	1997	5.81	36.3	131.40
1993	4.25	31.8	139.54	1998	5.10	37.8	91.58

[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 3-14.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and June 1 stocks of oil, United States, 1989–98

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*
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	2	35
1996	10,000	50	200	66	185	13	44
1997	10,500	35	210	58	194	15	19
1998	10,600	42	212	63	194	4	26

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

Table 3-15.—Sunflowerseed, sunflowerseed oil, and sunflowerseed cake and meal: United States exports by country of destination 1995/96–1997/98 [1]

Continent and country of destination	Sunflowerseed			Sunflowerseed oil [2]			Sunflowerseed cake and meal		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	14,202	12,306	16,404	11,470	13,610	18,733	301	84	811
Mexico	6,648	26,219	7,557	120,435	157,239	151,534	2,941	2,375	11,077
Total [4]	20,909	38,630	24,612	143,210	187,224	193,826	3,242	2,474	11,952
South America:									
Venezuela	0	0	0	2,799	10	4,999	0	0	0
Total [4]	811	1,578	556	6,498	5,423	17,931	0	0	32
Europe:									
France	572	1,099	32,340	0	0	97	3,215	0	0
Germany	52,025	52,652	47,161	6	0	0	0	45	0
Netherlands	10,010	8,588	38,871	7,988	6,699	1,762	0	21	0
Spain	27,480	26,595	36,688	0	0	0	0	0	0
Total [4]	111,125	113,348	199,416	7,995	14,760	1,886	17,664	10,412	29,237
Former Soviet Union [5]	2,773	51	742	705	28	26,500	0	0	0
Africa:									
Algeria	0	0	0	52,932	87,507	26,959	0	0	0
Egypt	0	0	0	71,249	47,838	11,834	0	0	0
Total [4]	224	0	38	124,181	140,294	48,149	0	0	0
Asia:									
Japan	1,207	1,640	804	2,370	2,452	4,596	41	0	0
Korea, Rep. of	1,429	707	635	129	130	101	0	0	0
Turkey	2,457	16,384	8,457	0	2,000	9,198	0	0	0
Total [4]	11,909	35,128	29,460	38,710	21,800	74,480	80	0	0
Oceania	1,500	706	880	285	0	8	0	0	0
Grand total [6]	149,252	189,442	255,704	321,584	369,529	362,781	20,986	12,886	41,221

[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 3-16.—Peanuts: Area, yield, production, disposition, marketing year average price per pound received by farmers, and value, United States, 1990–99

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*
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	1,434.0	1,413.8	2,503	3,539,380	28.3	1,002,703
1998	1,521.0	1,467.0	2,702	3,963,440	28.4	1,125,919
1999 [2]	1,533.0	1,427.5	2,711	3,870,200	25.6	991,827

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

NASS, Crops Branch, (202) 720–2127.

Table 3-17.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1989–98

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*
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
1997	22,714	3,539,380	3,562,094	2,899,138
1998	27,284	3,963,440	3,990,724	3,652,670

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

NASS, Crops Branch, (202) 720–2127.

Table 3-18.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1989–98

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*
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
1997	409,249	22,936	175,853	8,118	13,097	8,291	228,276
1998	345,825	29,297	145,254	72,534	10,516	24,004	192,425

[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 3-19.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1989–98

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*
1989	49,262	237,618	55	286,935	126,682	115,422	0.46
1990	44,824	225,418	9	270,251	118,664	110,986	0.44
1991	40,601	281,983	114	322,698	157,442	96,258	0.38
1992	69,018	274,285	0	343,303	136,391	135,024	0.53
1993	71,938	186,232	9	258,179	83,438	141,056	0.54
1994	33,685	296,057	7,308	337,050	102,351	164,079	0.63
1995	70,620	188,954	8,628	268,202	73,937	163,283	0.62
1996	30,981	264,337	6,988	302,306	80,607	167,928	0.63
1997	53,771	229,912	5,907	289,590	75,154	183,868	0.68
1998	30,568	277,552	5,320	313,440	58,864	170,552	0.64

[1] Not available.

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

Table 3-20.—Shelled peanuts (all grades): Supply, exports, and quantity crushed, United States, 1989–98

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*
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	95,041	2,590,045	440,438	520,413
1997	498,954	41,000	1,694,016	290,882	101,792	2,626,644	455,264	409,249
1998	580,370	14,091	2,227,037	310,459	112,643	3,198,818	377,171	345,825

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

Table 3-21.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1989–98

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:						
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	.....
1997	59,228	80,309	28,428	14,135	182,100	.....
1998	57,864	99,401	36,178	3,492	196,935	.....
Runner:						
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	.....
1997	676,839	206,718	302,791	20,598	1,206,946	.....
1998	670,705	234,486	321,838	17,719	1,244,748	.....
Spanish:						
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	.....
1997	24,163	19,881	19,798	738	64,580	.....
1998	16,137	15,919	22,161	920	55,137	.....
All types:						
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	241,547
1997	760,230	306,908	351,017	35,471	1,453,626	253,115
1998	744,706	349,806	380,177	22,131	1,453,626	235,012

[1] Excludes peanut butter made by manufacturers for own use in candy. 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 3-22.—Peanuts: Area, yield, and production, by States, 1997–99

State	Area planted			Peanuts for nuts								
				Area harvested			Yield per harvested acre			Production[2]		
	1997	1998	1999[1]	1997	1998	1999[1]	1997	1998	1999[1]	1997	1998	1999[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	194.0	198.0	206.0	193.0	197.0	205.0	1,930	2,195	2,300	372,490	432,415	471,500
FL	92.0	98.0	102.0	84.0	90.0	94.0	2,715	2,590	2,800	228,060	233,100	263,200
GA	520.0	540.0	548.0	519.0	537.0	546.0	2,570	2,815	2,600	1,333,830	1,511,655	1,419,600
NM	18.0	22.0	21.0	17.3	22.0	21.0	2,700	2,820	2,800	46,710	62,040	58,800
NC	124.0	125.0	126.0	123.0	124.5	119.0	2,680	3,190	2,450	329,640	397,155	291,550
OK	79.0	80.0	82.0	77.0	75.0	76.0	2,400	2,130	2,600	184,800	159,750	197,600
SC	11.0	12.0	12.0	10.5	11.5	11.5	2,900	2,450	2,300	30,450	28,175	26,450
TX	320.0	370.0	360.0	315.0	335.0	280.0	2,610	2,740	3,300	822,150	917,900	924,000
VA	76.0	76.0	76.0	75.0	75.0	75.0	2,550	2,950	2,900	191,250	221,250	217,500
US	1,434.0	1,521.0	1,533.0	1,413.8	1,467.0	1,427.5	2,503	2,702	2,711	3,539,380	3,963,440	3,870,200

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

NASS, Crops Branch, (202) 720–2127.

Table 3-23.—Peanuts: Marketing year average price, and value of production, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per pound			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	0.293	0.296	0.268	109,140	127,995	126,362
FL	0.280	0.298	0.232	63,857	69,464	61,062
GA	0.303	0.303	0.272	404,150	458,031	386,131
NM	0.300	0.329	0.274	14,013	20,411	16,111
NC	0.277	0.269	0.275	91,310	106,835	80,176
OK	0.293	0.308	0.281	54,146	49,203	55,526
SC	0.287	0.276	0.267	8,739	7,776	7,062
TX	0.243	0.246	0.216	199,782	225,803	199,584
VA	0.301	0.273	0.275	57,566	60,401	59,813
US	0.283	0.284	0.256	1,002,703	1,125,919	991,827

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-24.—Peanuts, farmers' stock: Price-support operations, United States, 1989–98

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*
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	417	11.8	0
1998/99	30.5	8.8	.....	.....	.....

[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) 720–5291.

Table 3-25.—Peanuts: Simple average of monthly f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1989–98 [1]

Classification	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
Southeastern area:	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Georgia, Alabama, and Florida:										
Shelled:.										
Runner Jumbo	60	57¼	102⅜	68¾	63⅞	68⅛	67½	60¾	62	59
Runner Medium	56½	55¾	96¼	64¾	60¼	62½	66	59½	60⅝	56
Runner U.S. Splits	55⅞	55	111⅝	63¾	59½	62¾	65½	57	57¾	56¼
Virginia-North Carolina:										
Clean unshelled Virginias:										
Fancy	46½	45¾	69⅝	47¾	50¾	72¾	57¼	49¾	54⅛	45¾
Shelled Virginias:										
Extra large	63⅜	62⅛	95	68⅛	74¼	77⅛	68½	66½	69⅛	62
Medium	58⅝	60½	98⅝	64⅝	61¼	75½	67½	60¼	64⅝	59¼
No. 2 with 70% splits	51⅞	56⅛	91¾	59⅝	59¼	61¾	60½	55½	56⅜	53¾
Southwestern area:										
Texas and Oklahoma:										
Shelled:										
Spanish No. 1	59⅜	56½	103¼	64⅝	61⅝	62⅞	65½	60¼	60⅝	72
Spanish U.S. Splits	56½	55⅛	108⅞	63½	61½	64⅞	66¼	58	58¼	60½
New Mexico:										
Handpicked unshelled Valencias [2]	NA	NA	NA	55½	58	65	61¼	62½	65⅞	63½

[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. NA not available.

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

Table 3-26.—Peanuts:[1] Area, yield, and production in specified countries and the world, 1996–97/1998–99

Continent and country	Area[2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99[3]	1996/97	1997/98	1998/99[3]	1996/97	1997/98	1998/99[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	80	92	85	1.40	1.49	1.41	112	137	120
United States	558	572	594	2.98	2.81	3.03	1,661	1,605	1,798
Total[4]	639	666	681	2.78	2.62	2.82	1,774	1,744	1,920
South America:									
Argentina	275	390	320	1.09	1.60	1.06	300	625	340
Brazil	88	96	90	1.59	1.94	1.89	140	186	170
Total[4]	424	552	475	1.20	1.60	1.22	508	882	580
Africa:									
Benin	104	121	121	0.81	0.84	0.84	84	102	102
Burkina	280	233	233	0.82	0.65	0.65	230	152	152
Burundi	13	12	12	0.85	0.83	0.83	11	10	10
Cameroon	320	320	420	0.53	0.28	0.40	171	90	170
Central African Republic	97	100	100	0.94	0.97	1.00	91	97	100
Chad	300	315	315	0.67	0.79	0.79	200	250	250
Gambia,The	64	70	70	0.72	1.11	1.11	46	78	78
Ghana	164	160	160	0.81	0.84	0.84	133	135	135
Guinea	152	160	160	0.91	0.91	0.91	139	146	146
Cote d'Ivoire	140	140	135	1.05	1.02	1.01	147	143	136
Mali	168	136	136	0.93	0.99	0.99	157	134	134
Niger	270	270	270	0.37	0.37	0.37	100	100	100
Nigeria	650	700	750	0.50	0.50	0.50	325	350	375
Senegal	920	728	620	0.70	0.70	0.89	646	506	550
South Africa, Republic of	95	59	95	1.47	1.64	1.53	140	97	145
Sudan	550	550	550	0.67	0.67	0.67	370	370	370
Uganda	195	197	196	0.64	0.68	0.66	125	134	130
Zaire	725	720	720	0.79	0.78	0.78	570	565	565
Zimbabwe	207	190	224	0.74	0.32	0.5	153	60	113
Total[4]	6,232	6,009	6,147	0.71	0.70	0.72	4,453	4,194	4,445
Asia:									
Burma	517	478	478	1.15	1.17	1.17	593	559	559
China, Peoples Republic of	3,616	3,722	4,039	2.80	2.59	2.94	10,140	9,648	11,886
India	7,814	7,198	8,100	1.15	1.05	0.92	9,024	7,580	7,450
Indonesia	630	650	650	1.56	1.52	1.52	985	990	990
Pakistan	105	105	105	1.10	1.12	1.12	115	118	118
Taiwan	35	35	35	2.26	2.14	2.14	79	75	75
Thailand	99	100	103	1.48	1.48	1.50	147	148	155
Turkey	34	35	34	2.35	2.34	2.35	80	82	80
Vietnam	263	251	250	1.36	1.41	1.4	358	353	350
Total[4]	13,184	12,645	13,866	1.64	1.55	1.57	21,580	19,607	21,714
World total[4]	20,571	19,967	21,266	1.39	1.33	1.36	28,530	26,633	28,865

[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 3-27.—Soybeans: Area, yield, production, and value, United States, 1990–99

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*
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	60,085	57,307	32.6	1,869,718	6.40	11,941,449
1994	61,620	60,809	41.4	2,514,869	5.48	13,746,071
1995	62,495	61,544	35.3	2,174,254	6.72	14,599,145
1996	64,195	63,349	37.6	2,380,274	7.35	17,439,971
1997	70,005	69,110	38.9	2,688,750	6.47	17,372,628
1998	72,025	70,441	38.9	2,741,014	4.93	13,493,891
1999	73,780	72,476	36.5	2,642,908	4.75	12,451,149

NASS, Crops Branch, (202) 720–2127.

Table 3-28.—Soybeans: Stocks on and off farms, United States, 1990–99

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*
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	541,754	283,890	88,233
1997	1,048,000	637,000	318,000	84,300	951,417	565,922	275,654	115,499
1998	1,187,000	815,000	458,000	145,000	999,440	642,338	390,573	203,482
1999 [3]	1,150,000	NA	NA	NA	1,032,192	NA	NA	NA

[1] Includes stocks at mills, elevators, warehouses, terminals, and processors. [2] Old crop only. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 3-29.—Soybeans: Supply and disappearance, United States, 1989–98

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*
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	1,869,718	2,168,418
1994	59,080	150,037	209,117	2,514,869	2,729,464
1995	105,130	229,684	334,814	2,174,254	2,513,524
1996	59,523	123,935	183,458	2,380,274	2,572,636
1997	43,600	88,233	131,833	2,688,750	2,825,589
1998 [2]	84,300	115,499	199,799	2,741,014	2,940,813

Year beginning September	Disappearance			
	Crushed [3]	Seed, feed and residual	Exports	Total
	1,000 bushels	*1,000 bushels*	*1,000 bushels*	*1,000 bushels*
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	95,589	589,064	1,959,301
1994	1,405,156	151,368	838,125	2,394,650
1995	1,369,541	109,346	851,179	2,330,066
1996	1,436,961	122,997	881,845	2,440,803
1997	1,596,983	158,447	870,361	2,625,790
1998 [2]	1,590,000	205,000	801,000	2,596,000

[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 3-30.—Soybeans, soybean meal, and oil: Average price at specified markets, 1989–98

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*
1989	5.79	22.18	186.48	1994	5.65	27.60	162.55
1990	5.73	20.80	181.38	1995	7.08	24.75	236.00
1991	5.69	18.94	189.21	1996	6.94	22.50	270.90
1992	5.89	21.40	193.75	1997	6.85	25.84	185.54
1993	6.52	27.00	192.86	1998	5.47	19.90	138.50

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

Table 3-31.—Soybeans: Area, yield, and production, by States, 1997–99

State	Area planted			Soybeans for beans								
				Area harvested			Yield per harvested acre			Production		
	1997	1998	1999[1]	1997	1998	1999[1]	1997	1998	1999[1]	1997	1998	1999[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	350	340	240	340	320	200	25.0	22.0	16.0	8,500	7,040	3,200
AR	3,650	3,550	3,450	3,600	3,400	3,350	30.5	25.0	28.0	109,800	85,000	93,800
DE	230	220	205	225	216	201	29.0	33.0	27.0	6,525	7,128	5,427
FL	47	35	20	45	30	19	25.0	23.0	32.0	1,125	690	608
GA	400	300	220	380	220	190	21.0	21.0	19.0	7,980	4,620	3,610
IL	10,000	10,600	10,600	9,950	10,550	10,550	43.0	44.0	42.0	427,850	464,200	443,100
IN	5,350	5,600	5,600	5,300	5,500	5,550	43.5	42.0	39.0	230,550	231,000	216,450
IA	10,500	10,400	10,800	10,400	10,350	10,750	46.0	48.0	44.5	478,400	496,800	478,375
KS	2,400	2,550	2,850	2,350	2,500	2,800	37.0	30.0	28.0	86,950	75,000	78,400
KY	1,240	1,220	1,200	1,220	1,200	1,150	34.5	30.0	21.0	42,090	36,000	24,150
LA	1,400	1,200	1,020	1,350	1,070	990	29.0	21.0	27.0	39,150	22,470	26,730
MD	530	470	490	520	460	480	30.0	31.0	30.0	15,600	14,260	14,400
MI	1,870	1,900	1,950	1,860	1,890	1,940	38.5	39.0	40.0	71,610	73,710	77,600
MN	6,600	6,900	7,000	6,550	6,800	6,900	39.0	42.0	41.0	255,450	285,600	282,900
MS	2,100	2,050	1,950	2,070	2,000	1,900	31.0	24.0	23.5	64,170	48,000	44,650
MO	4,900	5,100	5,400	4,850	5,000	5,350	36.0	34.0	27. 5	174,600	170,000	147,125
NE	3,600	3,800	4,300	3,550	3,750	4,250	40.5	44.0	42.5	143,775	165,000	180,625
NJ	133	115	105	130	113	98	31.0	28.0	24.0	4,030	3,164	2,352
NY[2]	.....	100	130	.....	97	128	.....	41.0	37.0	.....	3,977	4,736
NC	1,400	1,475	1,400	1,330	1,415	1,300	29.0	27.0	23.0	38,570	38,205	29,900
ND	1,150	1,500	1,350	1,140	1,475	1,340	29.5	32.0	35.0	33,630	47,200	46,900
OH	4,350	4,400	4,600	4,340	4,390	4,500	44.0	44.0	36.0	190,960	193,160	162,000
OK	340	470	480	330	340	360	30.0	18.0	19.0	9,900	6,120	6,840
PA	375	400	370	370	395	350	37.0	40.0	29.0	13,690	15,800	10,150
SC	580	540	480	570	500	450	22.5	21.0	20.0	12,825	10,500	9,000
SD	3,300	3,450	4,100	3,250	3,400	4,070	35.0	39.0	36.0	113,750	132,600	146,520
TN	1,240	1,250	1,250	1,200	1,210	1,190	34.0	29.0	18.0	40,800	35,090	21,420
TX	420	440	400	400	270	380	28.0	22.0	27.0	11,200	5,940	10,260
VA	510	500	470	490	480	440	23.0	23.0	27.0	11,270	11,040	11,880
WI	1,040	1,150	1,350	1,000	1,100	1,300	44.0	47.0	46.0	44,000	51,700	59,800
US	70,005	72,025	73,780	69,110	70,441	72,476	38.9	38.9	36.5	2,688,750	2,741,014	2,642,908

[1]Preliminary. [2]Estimates began with 1998 crop year.

NASS, Crops Branch, (202) 720092127.

Table 3-32.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1989–98

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*
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	307,371	1,282,668	1,555	13,951	1,529	204	30,514	5,356
1994	370,273	371,891	339,189	325,301	1,406,654	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	398,225	392,509	334,449	320,681	1,445,865	2,015	15,752	2,037	212	34,211	6,994
1997	438,067	436,997	375,370	359,693	1,610,077	1,520	18,143	3,079	210	38,176	9,329
1998[1]	430,007	430,951	377,607	387,989	1,599,554	1,382	18,081	2,372	218	37,792	7,117

[1] Preliminary.

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

Table 3-33.—Soybeans for beans: Marketing year average price and value of production, by States, crop of 1997, 1998, and 1999

State	Marketing year average price per bushel			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	6.65	5.30	4.60	56,525	37,312	14,720
AR	6.88	5.38	4.95	755,424	457,300	464,310
DE	7.00	5.31	4.60	45,675	37,850	24,964
FL	7.00	5.20	4.65	7,875	3,588	2,827
GA	6.68	5.24	4.60	53,306	24,209	16,606
IL	6.56	5.01	4.95	2,806,696	2,325,642	2,193,345
IN	6.59	5.05	4.75	1,519,325	1,166,550	1,028,138
IA	6.33	4.79	4.65	3,028,272	2,379,672	2,224,444
KS	6.42	4.98	4.65	558,219	373,500	364,560
KY	6.76	5.15	4.95	284,528	185,400	119,543
LA	6.98	5.62	5.25	273,267	126,281	140,333
MD	6.90	5.21	4.55	107,640	74,295	65,520
MI	6.47	4.99	4.70	463,317	367,813	364,720
MN	6.20	4.65	4.55	1,583,790	1,328,040	1,287,195
MS	6.90	5.63	5.10	442,773	270,240	227,715
MO	6.39	4.90	4.80	1,115,694	833,000	706,200
NE	6.28	4.83	4.60	902,907	796,950	830,875
NJ	6.75	5.20	4.55	27,203	16,453	10,702
NY [2]	.....	5.10	4.20	.....	20,283	19,891
NC	6.68	5.03	4.65	257,648	192,171	139,035
ND	6.10	4.64	4.10	205,143	219,008	192,290
OH	6.49	4.99	4.80	1,239,330	963,868	777,600
OK	6.40	4.80	4.30	63,360	29,376	29,412
PA	6.80	4.95	4.50	93,092	78,210	45,675
SC	6.55	5.00	4.50	84,004	52,500	40,500
SD	6.11	4.60	4.40	695,013	609,960	644,688
TN	6.89	5.37	4.75	281,112	188,433	101,745
TX	6.33	4.50	4.10	70,896	26,730	42,066
VA	6.20	5.30	4.50	69,874	58,512	53,460
WI	6.38	4.85	4.65	280,720	250,745	278,070
US	6.47	4.93	4.75	17,372,628	13,493,891	12,451,149

[1] Preliminary. [2] Estimates began in 1998.

NASS, Crops Branch, (202) 720–2127.

Table 3-34.—Soybeans: Support operations, United States, 1990–99

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*
1990/91	4.50	241.5	12.5	0.0	0.0
1991/92	5.02	158.8	8.0	1.6	0.0
1992/93	5.02	182.1	8.3	0.0	0.0
1993/94	5.02	87.1	4.7	0.0	0.0
1994/95	4.92	375.0	14.9	0.0	0.5
1995/96	4.92	181.8	8.4	0.0	0.0
1996/97	4.97	195.9	8.2	0.0	0.0
1997/98	5.26	266.3	9.9	0.5	0.0
1998/99	5.26	340.1	12.4	7.7	3.8
1999/2000	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 3-35.—Soybeans: Area, yield, and production in specified countries and the world, 1996–97/1998–99 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	860	1,060	980	2.52	2.58	2.79	2,165	2,738	2,737
Mexico	52	128	89	1.17	1.48	1.61	61	189	143
United States	25,637	27,968	28,507	2.53	2.62	2.62	64,780	73,176	74,598
Total	26,576	29,188	29,616	2.52	2.61	2.62	67,073	76,182	77,559
South America:									
Argentina	6,200	6,954	7,500	1.81	2.80	2.65	11,200	19,500	19,900
Bolivia	530	535	400	1.96	2.00	1.55	1,040	1,071	620
Brazil	11,800	13,000	12,900	2.31	2.50	2.40	27,300	32,500	31,000
Colombia	35	35	35	2.00	2.17	2.17	70	76	76
Ecuador	32	5	8	1.25	1.40	1.88	40	7	15
Paraguay	1,200	1,200	1,200	2.31	2.49	2.50	2,771	2,988	3,000
Peru	5	5	5	1.40	1.40	1.40	7	7	7
Uruguay	8	8	8	1.75	1.75	1.75	14	14	14
Venezuela	5	5	5	2.00	2.00	1.80	10	10	9
Total	19,815	21,747	22,061	2.14	2.58	2.48	42,452	56,173	54,641
European Union:									
Austria	13	15	20	2.08	2.20	2.50	27	33	50
France	85	97	111	2.71	2.89	2.52	230	280	280
Germany	2	2	1	2.50	2.50	3.00	5	5	3
Italy	231	338	382	3.77	3.68	3.12	871	1,243	1,192
Spain	6	4	4	1.83	2.25	2.50	11	9	10
Total	337	456	518	3.39	3.44	2.96	1,144	1,570	1,535
Other Western Europe:									
Switzerland	2	2	2	2.50	3.00	3.00	5	6	6
Eastern Europe:									
Bulgaria	16	6	10	0.63	1.67	0.60	10	10	6
Hungary	12	13	24	2.33	2.31	2.17	28	30	52
Romania	80	62	145	1.44	1.95	1.38	115	121	200
Yugoslavia	94	80	120	2.06	2.46	2.13	194	197	255
Total	203	162	300	1.71	2.22	1.71	348	359	514
Africa:									
Egypt	15	13	18	2.60	2.69	2.61	39	35	47
Morocco	1	1	1	1.00	1.00	1.00	1	1	1
Nigeria	659	543	550	0.32	0.41	0.25	211	220	140
South Africa, Republic of	87	125	131	1.38	1.58	1.34	120	197	175
Zambia	25	15	25	1.16	0.80	1.40	29	12	35
Zimbabwe	60	64	51	1.67	1.58	2.16	100	101	110
Total	847	761	776	0.59	0.74	0.65	500	566	508
Asia and the Middle East:									
Burma	72	69	69	0.92	0.90	0.90	66	62	62
China,PeoplesRepublic of	7,470	8,346	8,200	1.77	1.76	1.83	13,220	14,728	15,000
India	5,000	5,600	6,350	0.82	0.96	0.94	4,100	5,350	6,000
Indonesia	1,180	1,090	1,075	1.24	1.20	1.21	1,460	1,306	1,300
Iran	87	90	90	1.54	1.61	1.61	134	145	145
Japan	82	83	109	1.80	1.75	1.45	148	145	158
Korea, Democratic People's	325	325	325	1.29	1.29	1.29	420	420	420
Korea, Republic of	98	100	98	1.63	1.56	1.43	160	156	140
Pakistan	2	6	7	1.50	1.17	1.29	3	7	9
Philippines	6	6	6	1.50	1.50	1.50	9	9	9
Sri Lanka	1	1	1	1.00	1.00	1.00	1	1	1
Syria	6	5	5	1.50	1.20	1.20	9	6	6
Taiwan	5	1	1	2.00	2.00	2.00	10	2	2
Thailand	256	236	230	1.41	1.43	1.46	360	338	335
Turkey	40	30	25	1.63	1.33	1.60	65	40	40
Vietnam	110	100	100	1.04	1.03	1.05	114	103	105
Total	14,740	16,088	16,691	1.38	1.42	1.42	20,279	22,818	23,732
Oceania:									
Australia	39	52	48	2.15	1.79	2.27	84	93	109
World total	63,079	68,880	70,478	2.10	2.29	2.26	132,193	158,072	158,931

[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 3-36.—Soybeans, soybean oil, and soybean cake and meal: United States exports by country of destination, 1995/96–1997/98 [1]

Continent and country of destination	Soybeans			Soybean oil [2]			Soybean cake and meal		
	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [3]	1995/96	1996/97	1997/98 [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	225,227	132,082	213,658	58,756	26,705	11,343	647,340	729,664	779,653
Costa Rica	142,541	154,557	153,712	1,018	99	132	5	91	57
Jamaica	0	0	296	12,839	15,529	18,588	66,426	73,758	82,762
Mexico	2,717,529	3,098,689	3,197,814	81,901	102,950	99,112	81,069	202,207	156,565
Total [4]	3,185,029	3,471,328	3,622,889	222,170	226,705	265,630	1,394,726	1,666,102	1,761,482
South America:									
Brazil	190,698	638,038	29,628	66	9	0	3,174	0	0
Columbia	135,862	106,979	68,381	6,270	28,634	29,067	215,861	311,261	126,008
Peru	0	22,005	5,996	37,726	49,426	62,085	157	78,221	283,699
Venezuela	302,003	188,915	68,419	517	642	1,476	310,024	468,303	353,806
Total [4]	645,249	1,521,599	187,813	52,209	91,208	98,688	640,234	1,040,944	905,374
Europe:									
Belgium and Luxembourg	746,664	696,197	300,971	0	31	0	0	0	0
Denmark	61,920	41,453	19,015	0	0	0	189,729	118,436	135,851
France	378,628	350,644	222,937	27	0	7	15,253	259,029	0
Germany	1,239,883	1,117,899	892,837	6,968	5,788	4,804	52,191	110,048	143
Greece	153,183	168,022	126,263	19	0	1,289	28,609	22,835	12,133
Italy	485,977	154,141	228,623	0	4,300	98	184,433	341,129	56,529
Netherlands	2,762,290	2,671,542	1,850,128	2,584	3,182	10,949	430,817	305,106	248,313
Norway	0	0	0	0	0	0	0	144	0
Spain	1,338,822	1,616,999	1,223,528	0	5,000	2,100	169,684	474,432	43,169
United Kingdom	336,916	481,549	318,555	51	98	283	100,924	125,232	110,089
Total [4]	7,891,130	7,770,796	5,444,135	14,003	20,016	23,227	1,350,619	2,171,636	907,935
Former Soviet Union: [5].									
Russia	0	0	136,366	751	1,292	1,498	282	8,113	258,885
Ukraine	0	16	0	1,194	753	0	32,780	0	0
Total [4]	16,506	16	212,266	8,027	10,924	11,519	36,061	27,604	284,308
Africa:									
Egypt	75,814	63,324	40,477	1,899	20,696	44,954	164,861	145,103	94,738
Morocco	58,139	62,996	52,935	46,682	30,493	43,346	48,899	27,793	48,406
Total [4]	166,697	144,263	94,052	89,551	94,675	132,112	508,673	551,901	364,641
Asia:									
China	1,559,138	1,463,147	1,464,124	338,970	496,306	217,078	566,181	739,048	97,318
India	0	0	0	26,675	38,610	71,685	0	0	0
Israel	516,519	382,795	496,218	37	2,258	7,633	15,418	5,305	37,393
Japan	3,621,249	3,566,981	3,648,454	1,982	2,348	3,583	258,823	217,492	263,316
Korea, Rep. of	1,511,322	1,065,681	1,279,776	29,041	43,614	125,474	4,025	289,876	17,837
Philippines	138,912	130,261	209,162	79	22,018	21	479,163	681,145	738,233
Taiwan	2,029,874	1,563,531	1,897,994	67	7,777	25,929	180	674	454
Total [4]	11,324,122	9,905,398	11,026,472	536,026	942,612	544,672	2,223,716	2,839,591	1,964,013
Oceania:									
Australia	68,209	36,299	32,358	0	4,595	13	132,674	108,198	202,810
Total [4]	68,209	36,299	32,360	350	10,643	13	181,726	160,797	268,830
Grand Total [6 7]	24,109,918	23,760,526	21,813,170	922,336	1,396,782	1,075,860	6,344,512	8,463,573	6,456,583

[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 3-37.—Soybeans: International trade, 1994/95–1998/99 [1]

Country	1994/95	1995/96	1996/97	1997/98	1998/99
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
Principal exporting countries:					
United States	22,867	23,108	24,110	23,761	21,813
Brazil	3,492	3,633	8,340	9,325	9,300
Argentina	2,614	2,014	750	3,231	3,300
Paraguay	1,450	1,600	2,150	2,390	2,400
Netherlands	268	159	168	560	1,100
Canada	542	599	478	769	850
Subtotal	31,233	31,113	35,996	40,036	38,763
Others	1,013	881	1,001	1,049	826
World total	32,246	31,994	36,997	41,085	39,589

Country	1994/95	1995/96	1996/97	1997/98	1998/99
Principal importing countries:					
Netherlands	4,624	4,201	4,300	5,000	4,800
Japan	4,837	4,776	5,043	4,873	4,650
China, Peoples Republic of	155	795	2,274	2,940	3,850
Germany	2,963	3,209	3,481	3,406	3,650
Mexico	1,867	2,401	2,680	3,479	3,600
Spain	2,846	2,335	2,714	3,044	3,050
Taiwan	2,598	2,646	2,632	2,387	2,200
Korea, Republic of	1,384	1,422	1,486	1,340	1,450
Belgium-Luxembourg	1,365	1,224	1,136	1,279	1,200
Indonesia	619	718	684	810	1,150
United Kingdom	640	644	945	1,005	950
Italy	1,298	993	832	768	820
Thailand	115	426	550	600	750
Subtotal	25,311	25,790	28,757	30,931	32,120
Others	7,017	6,660	8,653	7,628	7,444
World total	32,328	32,450	37,410	38,559	39,564

[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 3-38.—Sunflower: Area, yield, production, and value, United States, 1990–99 [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*
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	326,432
1994	3,567	3,430	1,410	4,835,825	10.70	512,747
1995	3,478	3,368	1,190	4,009,332	11.50	457,573
1996	2,536	2,479	1,436	3,559,343	11.70	414,842
1997	2,888	2,792	1,317	3,676,952	11.60	426,766
1998	3,568	3,492	1,510	5,273,162	10.60	536,971
1999	3,553	3,441	1,262	4,341,862	7.50	353,472

[1] Prior to 1991 estimates included KS, MN, ND, and SD. Beginning in 1991 estimates include all States except AK and HI.
NASS, Crops Branch, (202) 720–2127.

Table 3-39.—Sunflower, Oil Varieties: Area, yield, production, and value, United States, 1990–99 [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*
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	4,223,475	10.10	426,859
1995	2,911	2,829	1,201	3,398,437	10.90	371,967
1996	1,967	1,934	1,470	2,843,763	10.80	309,057
1997	2,284	2,212	1,350	2,985,700	11.00	329,858
1998	2,953	2,897	1,549	4,486,360	9.37	423,775
1999	2,757	2,695	1,298	3,497,820	6.65	239,986

[1] Prior to 1991 estimates included KS, MN, ND, and SD. Beginning in 1991 estimates include all States except AK and HI.
NASS, Corps Branch, (202) 720–2127.

Table 3-40.—Sunflower, non-oil varieties: Area, yield, production, and value, United States, 1990–99 [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*
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	61,847
1994	526	487	1,257	612,350	13.80	85,888
1995	567	539	1,133	610,895	14.10	85,606
1996	569	545	1,313	715,580	13.80	105,785
1997	604	580	1,192	691,252	14.30	96,908
1998	615	595	1,322	786,802	14.60	113,196
1999	796	746	1,131	844,042	13.90	113,486

[1] Prior to 1991 estimates included KS, MN, ND, and SD. Beginning in 1991 estimates include all States except AK and HI.
NASS, Crops Branch, (202) 720–2127.

Table 3-41.—Sunflower: Area, yield, production, and value, by States, 1998–99

Variety and State	Area planted		Area harvested		Yield per harvested acre	
	1998	1999	1998	1999 [1]	1998	1999 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*
Oil:						
CO	115	175	107	172	1,400	1,350
KS	160	250	155	240	1,570	1,550
MN	90	80	87	77	1,350	1,450
NE	39	49	38	47	1,240	1,350
ND	1,600	1,250	1,580	1,220	1,540	1,150
SD	900	870	885	862	1,640	1,430
TX	12	25	11	24	600	900
Other States	37	58	34	53	1,101	1,156
US [2]	2,953	2,757	2,897	2,695	1,549	1,298
Non-oil:						
CO	45	95	43	93	1,150	1,250
KS	20	30	20	27	1,200	1,250
MN	40	50	38	43	1,250	1,200
NE	31	52	30	50	1,130	1,050
ND	390	450	380	425	1,420	1,090
SD	40	50	39	48	1,430	1,450
TX	35	50	33	43	700	900
Other States	14	19	12	17	1,124	1,082
US [2]	615	796	595	746	1,322	1,131
Total:						
CO	160	270	150	265	1,328	1,315
KS	180	280	175	267	1,528	1,520
MN	130	130	125	120	1,320	1,360
NE	70	101	68	97	1,191	1,195
ND	1,990	1,700	1,960	1,645	1,517	1,134
SD	940	920	924	910	1,631	1,431
TX	47	75	44	67	675	900
Other States	51	77	46	70	1,107	1,138
US [2]	3,568	3,553	3,492	3,441	1,510	1,262

Variety and State	Production		Marketing year average price per cwt.		Value of production	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	1,000 pounds	*1,000 pounds*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
Oil:						
CO	149,800	232,200	10.70	7.40	16,029	17,183
KS	243,350	372,000	9.47	6.25	23,045	23,250
MN	117,450	111,650	10.00	7.10	11,745	7,927
NE	47,120	63,450	9.50	7.50	4,476	4,759
ND	2,433,200	1,403,000	9.38	6.95	228,234	97,509
SD	1,451,400	1,232,660	9.31	6.50	135,125	80,123
TX	6,600	21,600	11.00	13.00	726	2,808
Other States	37,440	61,260	11.70	10.50	4,395	6,427
US [2]	4,486,360	3,497,820	9.37	6.65	423,775	239,986
Non-oil:						
CO	49,450	116,250	13.90	11.50	6,874	13,369
KS	24,000	33,750	14.90	14.00	3,576	4,725
MN	47,500	51,600	14.10	13.60	6,698	7,018
NE	33,900	52,500	13.60	11.80	4,610	6,195
ND	539,600	463,250	14.60	14.40	78,782	66,708
SD	55,770	69,600	14.30	10.80	7,975	7,517
TX	23,100	38,700	12.50	14.00	2,888	5,418
Other States	13,482	18,392	13.30	13.80	1,793	2,536
US [2]	786,802	844,042	14.60	13.90	113,196	113,486
Total:						
CO	199,250	348,450	11.50	8.80	22,903	30,552
KS	267,350	405,750	11.10	6.70	26,621	27,975
MN	164,950	163,250	12.20	10.30	18,443	14,945
NE	81,020	115,950	10.80	9.45	9,086	10,954
ND	2,972,800	1,866,250	10.90	8.50	307,016	164,217
SD	1,507,170	1,302,260	9.47	7.50	143,100	87,640
TX	29,700	60,300	12.10	13.60	3,614	8,226
Other States	50,922	79,652	12.20	11.30	6,188	8,936
US [2]	5,273,162	4,341,862	10.60	7.50	536,971	353,472

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

NASS, Crops Branch, (202) 720–2127.

Table 3-42.—Sunflowerseeds: Area, yield and production in specified countries, 1996/97–1998/99 [1]

Continent and country	Area [2]			Yield per hectare			Production		
	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [3]	1996/97	1997/98	1998/99 [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	36	50	69	1.56	1.30	1.59	56	65	110
Mexico	6	6	6	0.83	0.83	0.83	5	5	5
United States	1,003	1,130	1,413	1.61	1.48	1.69	1,614	1,668	2,392
Total	1,045	1,186	1,488	1.60	1.47	1.68	1,675	1,738	2,507
South America:									
Argentina	2,900	3,331	3,750	1.86	1.65	1.81	5,400	5,500	6,800
Brazil	60	60	60	0.50	0.50	0.50	30	30	30
Chile	2	2	2	1.50	1.50	1.50	3	3	3
Colombia	2	2	2	1.50	1.50	1.50	3	3	3
Paraguay	48	40	60	0.96	1.50	1.58	46	60	95
Uruguay	97	81	146	1.18	0.98	1.30	114	79	190
Venezuela	12	10	10	0.92	0.90	0.90	11	9	9
Total	3,121	3,526	4,030	1.80	1.61	1.77	5,607	5,684	7,130
European Union:									
Austria	19	20	24	2.32	2.20	2.58	44	44	62
France	915	895	805	2.19	2.17	2.09	2,000	1,940	1,680
Germany	44	34	34	2.34	2.50	2.50	103	85	85
Greece	15	26	25	2.60	2.00	2.00	39	52	50
Italy	263	304	311	1.99	1.67	1.31	523	509	408
Portugal	106	84	67	0.36	0.42	0.46	38	35	31
Spain	990	970	990	1.15	1.42	1.11	1,138	1,373	1,097
Total	2,352	2,333	2,256	1.65	1.73	1.51	3,885	4,038	3,413
Eastern Europe:									
Bulgaria	450	450	505	1.09	1.11	1.02	490	500	515
Czech Republic	20	11	19	1.90	2.09	2.00	38	23	38
Hungary	475	446	428	1.68	1.22	1.65	800	545	706
Romania	910	778	820	1.30	1.10	1.18	1,180	858	970
Slovakia	53	47	65	1.96	1.43	1.65	104	67	107
Yugoslavia	232	193	205	1.85	1.64	1.95	429	316	400
Total	2,140	1,925	2,042	1.42	1.20	1.34	3,041	2,309	2,736
Frm. USSR (non-Baltics):									
Russian Federation	3,894	3,583	4,100	0.71	0.79	0.73	2,765	2,831	3,000
Ukraine	2,025	2,000	2,400	1.05	1.15	0.94	2,123	2,308	2,266
Total [4]	6,447	5,961	6,912	0.82	0.90	0.80	5,280	5,380	5,551
Africa:									
Egypt	21	11	3	2.19	2.27	2.33	46	25	7
Ethiopia	60	60	60	0.37	0.37	0.37	22	22	22
Kenya	9	9	9	0.67	0.67	0.67	6	6	6
Morocco	96	100	100	1.16	0.70	0.50	111	70	50
Mozambique	25	26	25	0.56	0.58	0.56	14	15	14
South Africa, Republic of	464	511	828	0.97	1.10	1.33	450	562	1,100
Tanzania, United Republic of	82	83	82	0.39	0.40	0.39	32	33	32
Zambia	20	19	35	0.40	0.37	0.51	8	7	18
Zimbabwe	62	58	28	0.55	0.38	0.61	34	22	17
Total	845	883	1,175	0.86	0.87	1.08	726	765	1,269
Asia and the Middle East:									
Burma	221	122	122	0.73	0.75	0.75	161	92	92
China,Peoples Republic of	690	716	720	1.92	1.64	1.29	1,325	1,176	930
India	1,995	2,100	2,200	0.66	0.55	0.55	1,315	1,150	1,200
Iran	59	55	55	0.85	0.84	0.84	50	46	46
Iraq	12	12	12	1.25	1.25	1.25	15	15	15
Israel	10	10	7	1.80	1.50	1.43	18	15	10
Pakistan	86	96	99	1.28	1.30	1.31	110	125	130
Syria	4	3	3	1.50	1.67	1.67	6	5	5
Turkey	540	520	520	1.01	1.25	1.25	545	650	650
Total	3,617	3,634	3,738	0.98	0.90	0.82	3,545	3,274	3,078
Oceania:									
Australia	137	92	167	1.21	1.07	1.25	166	98	209
World total [4]	19,704	19,540	21,808	1.21	1.19	1.19	23,925	23,286	25,893

[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 3-43.—Peppermint oil: Area, yield, production, and value, United States, 1990–99

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*
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	132.0	72	9,446	13.60	128,778
1997	135.6	74	9,971	12.90	128,846
1998	124.0	78	9,727	11.90	116,037
1999 [1]	106.3	71	7,537	11.10	83,790

[1] Preliminary.

NASS, Crops Branch (202), 720–2127.

Table 3-44.—Spearmint oil: Area, yield, production, and value, United States, 1990–99

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*
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	23.1	94	2,167	12.00	26,094
1997	25.5	96	2,441	11.90	29,128
1998 [1]	27.4	109	2,987	11.00	32,731
1999 [1]	24.4	101	2,454	9.80	24,113

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-45.—Mint oil: Production and value, by States, 1997–99

State	Production			Price per pound			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Peppermint:									
ID	2,160	1,995	1,494	11.20	10.30	10.40	24,192	20,549	15,538
IN	1,050	1,104	686	13.60	12.70	11.60	14,280	14,021	7,958
OR	3,504	3,318	2,760	15.30	13.70	13.00	53,611	45,457	35,880
WA	2,945	2,910	2,250	11.00	11.00	9.00	32,395	32,010	20,250
WI	312	400	347	14.00	10.00	12.00	4,368	4,000	4,164
US	9,971	9,727	7,537	12.90	11.90	11.10	128,846	116,037	83,790
Spearmint:									
ID	170	206	171	12.40	11.60	10.00	2,108	2,390	1,710
IN	93	110	86	12.00	12.00	10.70	1,116	1,320	920
MI	51	71	68	11.00	11.20	10.00	561	795	680
OR	158	219	150	13.00	12.00	10.80	2,054	2,628	1,620
WA	1,782	2,142	1,788	11.60	10.50	9.50	20,671	22,491	16,986
WI	187	239	191	14.00	13.00	11.50	2,618	3,107	2,197
US	2,441	2,987	2,454	11.90	11.00	9.80	29,128	32,731	24,113

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 3-46.—Olive oil: World production, 1995–97 [1 2]

Continent and country	1995	1996	1997 [3]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Europe:			
France	2	2	2
Greece	300	210	360
Italy	578	420	500
Portugal	40	36	32
Spain	1,077	745	750
Total [4]	1,997	1,413	1,644
Middle East:			
Israel	20	20	20
Jordan	15	15	15
Lebanon	8	8	8
Syria	75	125	100
Turkey	50	200	60
Total [4]	170	370	205
Africa:			
Algeria	10	20	20
Morocco	17	17	17
Tunisia	90	190	220
Libya	5	5	5
Total [4]	150	260	290
Argentina	13	15	15
World total [4]	2,337	2,065	2,161

[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, AttacheAE1s, and Foreign Service Officers, results of office research, and related information.

Table 3-47.—Margarine, actual weight: Supply and disposition, United States, 1989–98

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*
1989	2,531	62	2,594	20	2,533	10.2
1990	2,768	61	2,830	22	2,738	10.9
1991	2,698	92	2,791	28	2,700	10.6
1992	2,818	91	2,910	31	2,835	11.0
1993	2,892	75	2,969	33	2,902	11.1
1994	2,623	66	2,693	38	2,631	9.9
1995	2,490	62	2,557	77	2,498	9.2
1996	2,480	58	2,544	47	2,500	9.2
1997	2,367	44	2,417	71	2,373	8.6
1998 [1]	2,311	44	2,363	36	2,329	8.5

[1]Preliminary.

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

Table 3-48.—Margarine: Selected reported fats and oils used in manufacture, United States, 1989–98

Year	Vegetable oils			Animal fats [1]	Total [2]
	Soybean oil	Cottonseed oil	Corn oil		
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
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
1997	1,650	NA	61	14	1,733
1998	1,606	NA	55	22	1,692

[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 3-49.—Shortening: Supply and disposition, United States, 1989–98

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*
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	102	6,524	6,625	44	6,487	25.1
1994	94	6,334	6,429	46	6,293	24.2
1995	90	5,975	6,065	45	5,914	22.5
1996	106	5,929	6,035	43	5,911	22.3
1997	81	5,656	5,737	42	5,604	20.9
1998 [1]	91	5,724	5,815	45	5,042	21.0

[1] Preliminary.

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

Table 3-50.—Shortening: Fats and oils used in manufacture, United States, 1989–98

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*
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
1997	256	4,517	(2)	(2)	272	312	5,679
1998	200	4,748	(2)	(2)	280	259	5,749

[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 3-51.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1989–98

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*
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	21.7
1997	262	6,249	6,511	1,685	3,399	245	2,401	20.7
1998	260	5,982	6,615	1,660	3,139	250	2,302	18.5

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

Table 3-52.—Fats, oils, and oilseeds (fat or oil equivalent): World production, 1995–96/1998–99

Commodity	World production [1]			
	1995–96	1996–97	1997–98	1998–99 [2]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
Edible vegetable oils:				
Cottonseed	3,871	3,797	3,614	3,740
Olive [3]	2,481	2,337	2,065	2,161
Peanut	4,504	4,172	4,434	4,159
Rapeseed	10,841	11,240	12,139	14,020
Soybean	20,345	23,856	23,886	23,770
Sunflower	8,620	8,330	9,120	9,647
Total	50,662	53,732	55,258	57,497
Palm oils:				
Coconut	3,720	3,412	2,880	3,355
Palm	17,727	17,070	19,321	20,600
Palm kernel	2,255	2,282	2,486	2,613
Total	23,702	22,764	24,687	26,568
Animal fats:				
Butter (fat content)	5,135	5,142	5,289	5,468
Tallow and grease	8,184	8,025	8,403	8,544
Total	13,319	13,167	13,692	14,012
Marine oils:				
Fish	1,196	864	1,106	1,176
Grand total [5]	88,879	90,527	94,743	99,253

[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, 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 3-53.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1989–98

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*
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	62,122	1,343,096	188,321	3,387	33,244	169,221	18,080,877
1995	56,260	1,616,550	147,600	2,317	44,529	285,530	22,757,454
1996	45,690	1,192,335	83,078	2,890	30,005	208,733	25,565,559
1997	53,729	1,032,246	114,804	5,319	41,245	225,640	26,206,065
1998 [2]	59,623	1,376,961	127,332	10,987	27,718	182,215	20,275,536

Year beginning January	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cotton-seed oil [3]	Linseed oil	Mar-garine	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*
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	2,139	8,495	135,639	5,373	9,350	27,027	824,169	4,850,754	555,557
1995	2,972	9,090	137,693	15,422	17,080	47,741	1,037,306	5,858,626	511,125
1996	2,862	3,987	96,014	14,925	13,015	37,300	571,209	5,861,575	195,306
1997	3,886	5,170	110,575	34,691	13,210	8,818	1,015,356	6,992,801	187,401
1998 [2]	5,606	3,801	86,270	29,237	14,368	4,261	1,426,951	8,029,267	168,264

[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 3-54.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1989–98

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*
1989	0	933	109,418	356	577	3,693
1990	42	486	171,664	116	834	4,160
1991	28	816	203,008	0	1,140	3,355
1992	1	291	126,565	48	9,948	4,989
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	1,023	202,313	2,986	38,051	6,243
1997	0	1,170	223,519	3,176	40,841	5,238
1998 [2]	0	1,367	171,093	2,686	46,792	5,865

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*
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	261,348	46,561	86,981	68,762	39,938	423,189	2,699
1997	318,249	42,629	258,602	87,689	41,005	584,192	3,102
1998 [2]	350,469	47,437	148,780	65,307	48,477	587,062	4,306

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*
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	112,742	125,368	148,719	1,639	522,152	3,943	999,513
1997	163,463	134,519	161,706	6,648	491,083	6,265	1,071,926
1998 [2]	164,972	115,871	149,305	30,336	499,574	3,879	1,293,373

[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 3-55.—Animal tallow, greases, and oils[1]: United States exports by region and country of destination 1997–99

Continent and country	1997	1998	1999[2]
	Metric tons	*Metric tons*	*Metric tons*
North and Central America:			
Canada	58,966	61,987	65,075
El Salvador	32,316	37,850	44,700
Guatemala	34,494	55,083	69,235
Honduras	15,251	22,979	25,881
Mexico	272,974	348,264	274,788
Nicaragua	10,925	10,940	10,533
Other countries	6,484	16,699	16,583
Total	431,410	553,802	506,795
Brazil	298	10,566	348
Colombia	37,989	61,081	66,708
Ecuador	2,192	3,711	103
Venezuela	61,824	57,655	46,272
Other countries	3,721	53,425	4,708
Total	106,024	186,438	118,139
European Community:			
Italy	7,913	3,852	8,369
Netherlands	44,446	42,839	24,852
Spain	24,168	52,613	37,899
Other countries	41,482	29,552	23,369
Total	118,009	128,856	94,489
Other Europe:			
Poland	75	18	0
Romania	72	2,171	28
Other countries	115	58	137
Total	262	2,247	165
Former Soviet Union	1,493	8,132	28,305
North Africa and Middle East:			
Algeria	15,811	36,699	0
Egypt	16,951	23,395	20,817
Morocco	12,680	10,470	16,551
Turkey	141,149	125,076	96,640
United Arab Emir.	169	138	161
Other countries	7,076	15,923	33,849
Total	193,836	211,701	168,019
Other Africa:			
Ghana	0	2,000	0
Nigeria	4,000	7,298	23,804
Senegal	7,000	17,900	2,649
Other countries	6,009	15,006	10,077
Total	17,009	42,204	36,531
Asia:			
Japan	39,494	36,763	40,379
Korea	33,372	57,010	120,512
Taiwan	3,632	16,091	23,577
Other countries	13,303	25,303	59,681
Total	89,801	135,167	244,149
Oceania	179	96	95
Other regions	61,619	93,832	79,040
Grand total[3]	1,019,567	1,362,457	1,275,727

[1] This category includes edible tallow; inedible tallow; choice white grease; pig and poultry fat, yellow grease; sheep or goat, other fat, raw or rendered; lard stearin, lard oil, oleo-oil and tallow oil; other animal fat, and baking and frying fat. [2] Preliminary. [3] May not add due to rounding.

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

Table 3-56.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1991–98

[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
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
1997	90.2	67.8	74.2	156.8	NA	157.1	67.6	150.2	11.0	141.4
1998	94.3	78.4	88.5	174.3	NA	146.4	84.5	143.6	10.8	135.1

NA-not available.

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

Table 3-57.—Fats and oils: Use in products for civilian consumption, total and per capita, United States, 1989–98

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*
1989	1,077	4.4	515	2.1	2,512	10.2	5,309	21.5	5,940	24.0	313	1.3	15,675	63.5
1990	1,095	4.4	609	2.4	2,714	10.9	5,559	22.2	6,040	24.2	291	1.2	16,335	65.5
1991	1,100	4.4	794	3.1	2,671	10.6	5,650	22.4	6,743	26.7	321	1.3	17,294	68.6
1992	1,114	4.4	1,036	4.1	2,802	11.0	5,722	22.4	6,946	27.2	367	1.4	17,998	70.5
1993	1,209	4.7	1,007	3.9	2,868	11.1	6,487	25.1	6,907	26.8	451	1.8	18,792	72.8
1994	1,255	4.8	1,237	4.8	2,593	9.9	6,292	24.2	6,845	26.3	426	1.6	18,661	71.6
1995	1,186	4.5	1,301	4.9	2,421	9.2	5,926	22.5	7,057	26.8	434	1.6	18,112	68.9
1996	1,148	4.3	1,398	5.2	2,453	9.2	5,914	22.3	6,924	26.1	361	1.4	18,008	67.9
1997	1,114	4.2	1,264	4.7	2,302	8.6	5,606	20.9	7,652	28.6	297	1.1	18,171	67.9
1998[3] ...	1,119	4.2	1,380	5.5	2,293	8.5	5,670	21.0	7,532	27.8	365	1.3	18,501	66.1

Calendar year	Industrial products											
	Soap		Fatty acids		Animal feeds		Other inedible products		All inedible 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*
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	469	1.8	1,921	7.2	2,430	9.1	782	2.9	6,018	22.7	27,344	103.0
1997[3] ...	567	2.1	2,342	8.7	2,646	9.9	557	2.1	6,535	24.4	30,985	115.7
1998	561	3.0	2,187	7.5	2,878	8.1	578	2.1	6,573	23.2	28,554	110.2

[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.

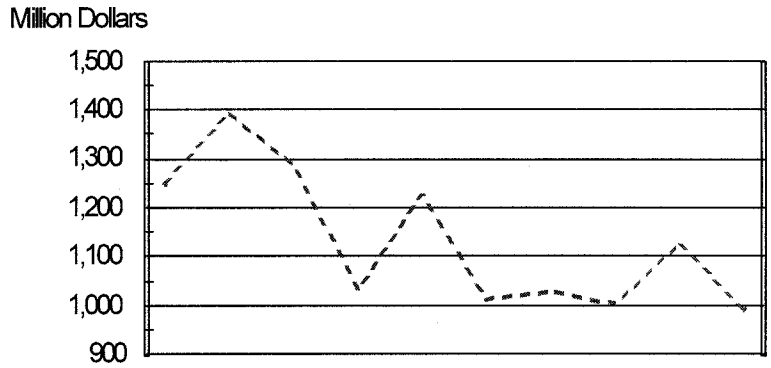
Table 3-58.—Fats and oils: Wholesale price per pound, 1994–99[1]

Item and market	1994	1995	1996	1997	1998	1999
	Cents	*Cents*	*Cents*	*Cents*	*Cents*	*Cents*
Castor oil, No. 1, Brazilian, tanks, imported, New York	44.1	45.0	41.70	41.50	41.50	48.00
Coconut oil, crude, tanks, f.o.b. New York	30.4	36.0	42.62	39.40	31.17	39.89
Corn oil, crude, tank cars, f.o.b. Decatur	27.3	26.6	26.50	24.85	30.33	23.31
Cottonseed oil, crude, tank cars, f.o.b. Valley	27.1	26.8	25.90	26.51	31.03	23.95
Linseed oil, raw, tank cars, Minneapolis	32.5	35.0	37.10	36.25	36.00	36.00
Palm oil, U.S. ports, refined	28.1	33.0	26.60	27.25	31.88	22.86
Rapeseed oil, refined (denatured), tanks, New York	53.8	52.0	58.10	88.00	90.00	80.00
Safflower oil, tanks, New York	59.0	59.0	59.00	59.00	59.00	59.00
Soybean oil, crude, tank cars, f.o.b. Decatur	27.9	26.8	23.80	23.27	25.73	17.72
Sunflower oil, crude, Minneapolis	31.1	28.9	24.66	23.45	24.24	19.09
Tallow, inedible, number delivered Chicago	17.4	19.2	20.10	20.75	17.67	12.99
Tung oil, imported, drums, f.o.b. New York	76.1	59.0	63.30	101.50	100.00	84.83

[1] All prices are calendar year basis.

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.

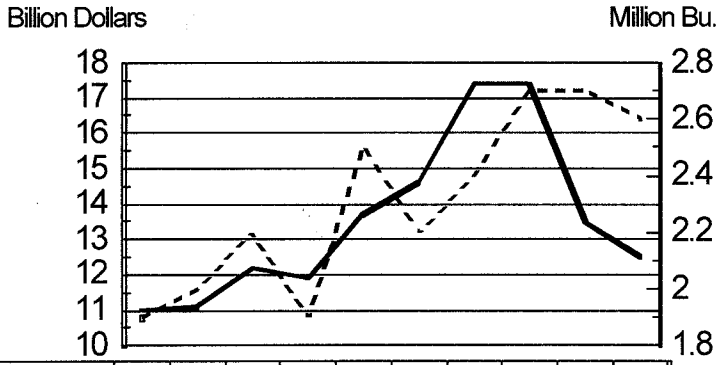
Peanuts: Value of Production, 1990-99



Year	90	91	92	93	94	95	96	97	98	99
Value of Prod.	1,250	1,392	1,285	1,031	1,229	1,013	1,030	1,003	1,126	992

NASS Table 3-16

Soybeans: Production & Value of Production 1990-99



Year	90	91	92	93	94	95	96	97	98	99
Production	1.9	2.0	2.2	1.9	2.5	2.2	2.4	2.7	2.7	2.6
Value of Prod.	11.0	11.1	12.2	11.9	13.7	14.6	17.4	17.4	13.5	12.5

NASS Table 3-27

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 10 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual 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 1990 and 1991 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, 1990–99

Year	Area [1]		
	For fresh market [2]	For processing [3]	Total
	Acres	*Acres*	*Acres*
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	1,855,000	1,405,190	3,260,190
1994	1,943,400	1,588,450	3,531,850
1995	1,851,860	1,580,400	3,432,260
1996	1,886,780	1,485,020	3,371,800
1997	1,847,330	1,422,940	3,270,270
1998	1,855,070	1,443,510	3,298,580
1999 [7]	1,899,310	1,508,700	3,408,010

Year	Production [4]		
	For fresh market [2]	For processing [3]	Total
	Tons	*Tons*	*Tons*
1990	12,701,950	15,444,970	28,146,920
1991	12,136,650	16,151,030	28,287,680
1992 [6]	19,662,500	14,236,320	33,898,820
1993	19,526,400	14,914,797	34,441,197
1994	21,114,150	18,316,538	39,430,688
1995	19,856,250	17,543,177	37,399,427
1996	20,600,500	17,547,062	38,147,562
1997	21,483,150	16,227,819	37,710,969
1998	21,002,600	15,476,230	36,478,830
1999 [7]	22,559,650	19,039,620	41,599,270

Year	Value [5]		
	For fresh market [2]	For processing [3]	Total
	1,000 dollars	*1,000 dollars*	*1,000 dollars*
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	7,134,587	1,195,154	8,329,741
1994	7,047,372	1,472,835	8,520,207
1995	7,703,693	1,463,400	9,167,093
1996	6,883,050	1,470,784	8,353,834
1997	7,948,790	1,371,962	9,320,752
1998	8,071,474	1,354,696	9,426,170
1999 [7]	7,549,989	1,657,680	9,207,669

[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, 1997–99 [1]

State	For fresh market [2]			For processing [4]			Total		
	1997	1998	1999 [3]	1997	1998	1999 [3]	1997	1998	1999 [3]
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
AL	9,700	6,000	8,900	.....	.....	.....	9,700	6,000	8,900
AZ	117,200	123,100	112,100	.....	.....	.....	117,200	123,100	112,100
AR	3,800	3,600	3,900	3,900	4,990	5,000	7,700	8,590	8,900
CA	809,800	821,600	853,900	297,420	314,120	366,870	1,107,220	1,135,720	1,220,770
CO	34,400	35,700	32,900	720	160	.....	35,120	35,860	32,900
CT	4,700	4,500	3,800	.....	.....	.....	4,700	4,500	3,800
DE	2,300	2,100	2,500	33,380	42,560	44,680	35,680	44,660	47,180
FL	192,260	192,550	195,200	.....	.....	.....	192,260	192,550	195,200
GA	101,900	97,900	110,200	5,000	5,100	7,500	106,900	103,000	117,700
HI	2,420	2,370	2,260	.....	.....	.....	2,420	2,370	2,260
ID	8,200	8,700	8,650	.....	.....	.....	8,200	8,700	8,650
IL	8,900	8,300	8,100	41,770	39,400	44,400	50,670	47,700	52,500
IN	18,280	17,100	17,550	.....	.....	.....	18,280	17,100	17,550
IA	.....	.....	.....	5,900	8,200	7,310	5,900	8,200	7,310
LA	2,810	2,640	2,900	.....	.....	.....	2,810	2,640	2,900
ME	2,400	2,300	2,500	.....	.....	.....	2,400	2,300	2,500
MD	10,950	11,730	12,150	22,110	21,900	21,200	33,060	33,630	33,350
MA	7,520	6,850	6,750	.....	.....	.....	7,520	6,850	6,750
MI	56,950	53,550	54,000	56,400	53,300	59,900	113,350	106,850	113,900
MN	1,880	1,300	930	211,000	212,730	218,970	212,880	214,030	219,900
MS	4,000	3,400	3,200	.....	.....	.....	4,000	3,400	3,200
MO	4,700	4,900	5,300	9,700	10,900	10,200	14,400	15,800	15,500
NV	1,700	2,100	2,800	.....	.....	.....	1,700	2,100	2,800
NH	1,900	1,800	1,800	.....	.....	.....	1,900	1,800	1,800
NJ	35,100	33,800	29,100	7,100	10,300	9,950	42,200	44,100	39,050
NM	9,700	10,100	8,900	.....	.....	.....	9,700	10,100	8,900
NY	64,300	68,700	73,550	87,580	84,910	75,700	151,880	153,610	149,250
NC	43,000	44,800	44,900	.....	.....	.....	43,000	44,800	44,900
OH	25,020	24,310	26,860	13,860	10,990	11,940	38,880	35,300	38,800
OK	8,000	7,500	7,500	2,900	2,500	0	10,900	10,000	7,500
OR	24,540	24,720	28,510	97,780	96,860	107,710	122,320	121,580	136,220
PA	22,600	24,400	22,300	15,250	13,880	13,700	37,850	38,280	36,000
RI	1,100	1,000	800	.....	.....	.....	1,100	1,000	800
SC	15,800	15,700	16,700	.....	.....	.....	15,800	15,700	16,700
TN	11,800	11,600	11,600	9,900	6,000	4,700	21,700	17,600	16,300
TX	93,900	91,800	94,500	22,000	22,600	25,600	115,900	114,400	12,100
UT	2,300	2,400	2,700	.....	.....	.....	2,300	2,400	2,700
VT	1,300	1,100	1,000	.....	.....	.....	1,300	1,100	1,000
VA	18,100	18,500	17,500	1,850	1,870	1,540	19,950	20,370	19,040
WA	47,500	45,950	46,200	159,580	168,160	163,400	207,080	214,110	209,600
WI	14,600	14,600	14,400	250,090	240,360	236,900	264,690	254,960	251,300
Other States [5]	.....	.....	.....	67,750	71,720	71,530	67,750	71,720	71,530
US	1,847,330	1,855,070	1,899,310	1,422,940	1,443,510	1,508,700	3,270,270	3,298,580	3,408,010

[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, 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998-99 - 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, 1997–99

State	For fresh market [1]			For processing [3]			Total		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
	1,000 Cwt	*1,000 Cwt*	*1,000 Cwt*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
AL	870	623	714	.....	.....	.....	43,500	31,150	35,700
AZ	32,547	35,464	34,375	.....	.....	.....	1,627,350	1,773,200	1,718,750
AR	636	655	614	17,000	18,060	20,300	48,800	50,810	51,000
CA	213,360	206,451	228,217	9,574,819	9,162,610	12,527,220	20,242,819	19,485,160	23,938,070
CO	10,829	10,967	10,281	6,080	1,440	.....	547,530	549,790	514,050
CT	282	293	190	.....	.....	.....	14,100	14,650	9,500
DE	874	840	1,075	103,640	133,050	135,920	147,340	175,050	189,670
FL	42,684	41,671	46,757	.....	.....	.....	2,134,200	2,083,550	2,337,850
GA	18,723	17,233	19,250	27,900	21,300	25,950	964,050	882,950	988,450
HI	457	482	487	.....	.....	.....	22,850	24,100	24,350
ID	5,658	4,655	5,548	.....	.....	.....	282,900	232,750	277,400
IL	1,019	870	663	178,620	147,600	167,540	229,570	191,100	200,690
IN	3,064	3,109	2,923	.....	.....	.....	153,200	155,450	146,150
IA	.....	.....	.....	34,240	45,650	43,830	34,240	45,650	43,830
LA	433	334	323	.....	.....	.....	21,650	16,700	16,150
ME	132	127	138	.....	.....	.....	6,600	6,350	6,900
MD	1,508	1,409	1,380	102,130	106,350	105,430	177,530	176,800	174,430
MA	556	486	497	.....	.....	.....	27,800	24,300	24,850
MI	8,034	7,307	7,378	394,500	345,740	390,370	796,200	711,090	759,270
MN	584	357	224	974,330	1,002,840	976,080	1,003,530	1,020,690	987,280
MS	240	207	208	.....	.....	.....	12,000	10,350	10,400
MO	1,128	1,152	1,272	36,410	33,080	33,640	92,810	90,680	97,240
NV	918	924	1,288	.....	.....	.....	45,900	4,620	64,400
NH	114	108	108	.....	.....	.....	5,700	5,400	5,400
NJ	4,577	4,662	3,298	58,040	63,360	56,500	286,890	296,460	221,400
NM	4,219	4,052	3,685	.....	.....	.....	210,950	202,600	184,250
NY	12,893	13,115	13,563	510,420	459,780	420,810	1,155,070	1,115,530	1,098,960
NC	5,903	5,625	5,523	.....	.....	.....	295,150	281,250	276,150
OH	3,119	3,056	3,210	336,350	237,530	278,400	492,300	390,330	438,900
OK	800	705	675	11,600	7,000	0	51,600	42,250	33,750
OR	12,139	10,755	13,836	610,720	549,610	603,180	1,217,670	1,087,360	1,294,980
PA	1,872	2,088	1,666	75,250	72,320	64,750	168,850	176,720	148,050
RI	77	80	44	.....	.....	.....	3,850	4,000	2,200
SC	2,248	2,396	2,216	.....	.....	.....	112,400	119,800	110,800
TN	1,192	1,129	1,132	37,730	10,910	7,460	97,330	67,360	64,060
TX	17,294	18,985	20,839	191,780	146,720	163,480	1,056,480	1,095,970	1,205,430
UT	1,116	1,056	1,256	.....	.....	.....	55,800	52,800	62,800
VT	98	72	55	.....	.....	.....	4,900	3,600	2,750
VA	2,737	2,520	2,557	7,990	6,180	6,440	144,840	132,180	134,290
WA	11,897	11,162	11,260	1,136,290	1,157,710	1,159,850	1,731,140	1,715,810	1,722,850
WI	2,832	2,870	2,468	1,281,420	1,232,380	1,280,100	1,423,020	1,375,880	1,403,500
Other States [5]	.....	.....	.....	520,560	515,010	572,370	520,560	515,010	572,370
US	429,663	420,052	451,193	16,227,819	15,476,230	19,039,620	37,710,969	36,478,830	41,599,270

[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,1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998-99 - 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, 1997–99

State	For fresh market [1]			For processing [3]			Total		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	12,362	9,592	8,898	...	...	...	12,362	9,592	8,898
AZ	515,149	621,223	492,245	...	...	...	515,149	621,223	492,245
AR	9,879	13,666	16,198	3,684	3,447	3,944	13,563	17,113	20,142
CA	4,306,767	4,085,880	4,086,781	598,140	612,551	913,679	4,904,907	4,698,431	5,000,460
CO	108,172	134,691	96,164	1,094	230	...	109,266	134,921	96,164
CT	6,768	7,911	4,560	...	...	...	6,768	7,911	4,560
DE	4,545	7,140	9,675	18,037	27,119	24,193	22,582	34,259	33,868
FL	1,133,794	1,212,286	1,060,069	8,229	4,349	7,921	1,142,023	1,216,635	1,067,990
GA	255,071	243,032	269,757	...	...	...	255,071	243,032	269,757
HI	13,791	14,940	16,715	...	...	...	13,791	14,940	16,715
ID	57,028	53,248	28,507	...	...	...	57,028	53,248	28,507
IL	13,383	12,415	12,303	27,240	22,260	26,071	40,623	34,675	38,374
IN	39,030	44,950	44,562	...	...	...	39,030	44,950	44,562
IA	...	...	...	3,151	4,333	3,941	3,151	4,333	3,941
LA	7,008	4,910	4,232	...	...	...	7,008	4,910	4,232
ME	4,356	4,191	4,278	...	...	...	4,356	4,191	4,278
MD	25,207	29,352	30,533	13,003	16,096	15,157	38,210	45,448	45,690
MA	17,642	19,480	19,271	...	...	...	17,642	19,480	19,271
MI	123,086	136,522	124,282	47,270	46,877	53,621	170,356	183,399	177,903
MN	5,331	3,813	1,655	106,257	105,155	103,824	111,588	108,968	105,479
MS	1,464	1,296	1,206	...	...	...	1,464	1,296	1,206
MO	5,505	6,106	4,452	7,616	7,321	6,818	13,121	13,427	11,270
NV	13,311	12,936	10,304	...	...	...	13,311	12,936	10,304
NH	4,104	4,104	3,888	...	...	...	4,104	4,104	3,888
NJ	112,630	125,652	78,575	6,381	8,791	7,375	119,011	134,,443	85,950
NM	65,554	49,975	55,579	...	...	...	65,554	49,975	55,579
NY	172,054	202,763	199,373	43,304	49,820	45,293	215,358	252,583	244,666
NC	76,241	76,620	76,700	...	...	...	76,241	76,620	76,700
OH	74,383	73,295	67,844	33,606	26,036	30,525	107,989	99,331	98,369
OK	5,200	5,076	4,928	1,379	834	0	6,579	5,910	4,928
OR	134,281	120,252	90,652	74,364	68,564	72,962	202,845	188,816	163,614
PA	44,148	45,587	36,525	10,604	10,110	7,453	54,752	55,697	43,978
RI	2,079	2,640	1,408	...	...	...	2,079	2,640	1,408
SC	37,561	37,512	30,574	...	...	...	37,561	37,512	30,574
TN	32,020	41,061	32,767	6,078	1,265	1,301	38,098	42,326	34,068
TX	225,542	335,945	305,517	25,872	29,716	30,066	251,414	365,661	335,583
UT	8,451	10,527	6,756	...	...	...	8,451	10,527	6,756
VT	2,548	2,016	1,705	...	...	...	2,548	2,016	1,705
VA	65,425	65,016	53,887	935	1,543	1,048	66,360	66,559	54,935
WA	185,901	168,024	134,165	108,896	111,989	105,759	294,797	280,013	239,924
WI	22,019	25,829	22,499	137,414	115,145	110,196	159,433	140,974	132,695
Other States [4]	...	...	...	89,408	81,145	86,533	89,408	81,145	86,533
US	7,948,790	8,071,474	7,549,989	1,371,962	1,354,696	1,657,680	9,320,752	9,426,170	9,207,669

[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, 1997 - AL, FL, ID, IN, LA, ME, MA, NC, and SC. 1998-99 - 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, 1990–99

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*
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	74,030	27	2,026	90.10	182,531	1,248	108.00	134,960	38,920	1,220.00	47,571
1998	74,430	27	1,979	101.00	199,482	1,264	124.00	156,734	35,720	1,200.00	42,748
1999 [3] ...	75,890	29	2,191	107.00	234,085	1,455	131.00	190,719	36,820	1,180.00	43,366

[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, 1997–99

State	Area harvested [1]			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	30,100	32,200	33,800	813	837	1,115	115.00	138.00	142.00
IL	200	200	200	2	2	2	141.00	149.00	128.00
MI	17,500	17,000	16,500	263	278	297	67.70	62.30	63.40
NJ	1,000	1,000	1,000	23	27	28	107.00	84.20	79.20
WA	23,000	22,000	22,000	828	792	704	77.50	77.30	72.80
Other States [3]	2,230	2,030	2,390	97	43	45	47.10	72.20	72.10
US	74,030	74,430	75,890	2,026	1,979	2,191	90.10	101.00	107.00

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	39	36	34	80.00	65.00	74.00	11,200	12,080	13,150	1,310.00	1,240.00	1,240.00
NJ	23	27	28	107.00	84.20	79.20	.....	.....	.....	.....	.....	.....
WA [4]	308	352	.....	108.00	101.00	.....	26,000	22,000	.....	1,190.00	1,170.00	.....
Other States [5]	878	849	1,393	109.00	137.00	134.00	1,720	1,640	23,670	1,140.00	1,280.00	1,140.00
US	1,248	1,264	1,455	108.00	124.00	131.00	38,920	35,720	36,820	1,220.00	1,200.00	1,180.00

[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] 1997 - IN, MD, MN, and OR. 1998 - ID, IN, MD, MN, and OR. 1999 - ID, MD, MN, and OR. [4] 1999 Data not published to avoid disclosure. Data have been included in the Other States total. [5] 1997-98 - CA, ID, IL, IN, MD, MN, and OR. 1999 - CA, ID, IL, MD, MN, OR, and WA.

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Table 4-7.—Lima beans for fresh market: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
GA	2,500	2,000	2,900	75	40	102	33.00	32.00	25.00

[1] Preliminary.

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Table 4-8.—Lima beans for processing: Area, production, and value per ton, by States, 1997–99 [1]

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
US	54,430	50,640	54,980	80,070	74,500	67,580	458.00	453.00	468.00

[1] 1997 - CA, DE, MD, MN, NJ, OR, TN, VA, WA, and WI. 1998 - CA, DE, MD, MN, NJ, OR, TN, and WI. 1999 - 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, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	4,500	4,700	5,100	450	447	408	52.00	67.80	57.20
FL	30,300	34,300	34,000	1,303	2,195	2,958	49.90	59.00	52.40
GA	12,000	12,000	14,500	528	624	595	30.00	28.00	32.00
MD	1,800	1,900	2,200	59	86	86	30.00	50.00	49.00
MI	1,600	2,100	2,200	72	126	88	29.80	61.00	31.00
NJ	4,100	3,900	3,400	144	195	119	33.60	37.00	39.20
NY	5,100	5,300	6,100	316	329	372	54.80	50.60	53.30
NC	6,500	6,600	6,800	293	290	313	25.00	30.00	28.00
OH	1,600	1,700	1,900	86	80	103	31.00	29.30	43.40
SC	1,700	1,700	1,700	41	20	39	36.00	46.00	36.00
TN	8,200	8,200	8,000	328	279	304	26.50	31.40	28.80
VA	5,100	5,200	4,500	179	203	135	18.40	21.00	19.00
Total	82,500	87,600	90,400	3,799	4,874	5,520	40.50	48.90	46.20
HI	160	200	200	6	9	10	105.00	82.00	88.00
US	82,660	87,800	90,600	3,805	4,883	5,530	40.60	48.90	46.20

[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, 1990–99

Year	Area harvested	Yield per acre	Production	Value [1]	
				Per ton	Total
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
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	196,530	3.37	661,600	178.00	117,690
1994	221,900	3.68	816,830	166.00	135,369
1995	216,040	3.27	705,540	173.00	122,379
1996	207,050	3.79	784,920	178.00	139,755
1997	195,080	3.74	729,250	176.00	128,032
1998	198,700	3.68	730,990	172.00	125,373
1999 [2] ...	212,150	3.67	778,430	173.00	134,501

[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, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
IL	11,500	12,500	14,200	42,550	39,090	49,520	210.00	201.00	197.00
IN	4,000	4,100	4,500	8,960	10,370	14,460	152.00	183.00	181.00
MI	22,800	21,000	27,000	78,660	81,600	100,970	171.00	171.00	166.00
NY	22,800	20,800	21,200	77,520	76,990	72,550	148.00	176.00	190.00
OR	23,300	23,300	23,100	148,190	121,870	136,230	183.00	187.00	188.00
PA	9,100	6,800	7,600	23,000	14,880	16,640	220.00	268.00	209.00
WI	62,800	63,000	64,400	205,100	233,340	235,050	157.00	139.00	140.00
Other States [2]	38,780	47,200	50,150	145,270	152,850	153,010	197.00	189.00	194.00
Total	195,080	198,700	212,150	729,250	730,990	778,430	176.00	172.00	173.00

[1] Preliminary. [2] 1997-99 - 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, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
NY	2,700	2,300	2,500	40,500	27,600	38,430	64.70	78.50	79.00
WI	3,400	2,700	3,600	51,580	42,470	53,460	71.80	45.50	40.90
Other States [2]	1,400	1,610	1,200	29,920	33,460	25,310	61.20	67.60	69.30
US	7,500	6,610	7,300	122,000	103,530	117,200	66.80	61.40	59.50

[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, 1990–99 [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*
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	119,200	101	12,059	25.80	310,675	10,685	26.60	284,165	68,710	386.00	26,510
1994	134,100	117	15,714	26.70	419,571	14,152	27.50	389,659	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	133,500	118	15,693	26.50	415,695	14,428	27.10	391,194	63,250	387.00	24,501
1997	130,800	129	16,880	28.50	481,459	15,744	29.10	457,423	56,810	423.00	24,036
1998	134,300	129	17,351	29.50	511,681	16,228	30.20	489,912	56,148	388.00	21,769
1999 [4]	137,300	145	19,910	22.80	454,873	18,766	23.00	432,013	57,201	400.00	22,860

[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, 1997–99 [1]

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	11,000	12,300	12,400	1,357	1,538	2,480	35.70	35.80	24.30
CA	119,000	121,000	124,000	15,470	15,730	17,360	27.90	28.90	22.60
TX	800	1,000	900	53	83	70	33.20	27.00	27.70
US	130,800	134,300	137,300	16,880	17,351	19,910	28.50	29.50	22.80

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	1,357	1,538	2,480	35.70	35.80	24.30	.....	.....	.....	.....	.....	.....
Other States [3]	14,387	14,690	16,286	28.40	29.60	22.80	56,810	56,148	57,201	423.00	388.00	400.00
US	15,744	16,228	18,766	29.10	30.20	23.00	56,810	56,148	57,201	423.00	388.00	400.00

[1] Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. [2] Preliminary. [3] 1997–99—CA and TX.

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Table 4-15.—Cabbage for fresh market: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1 2]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	13,800	14,000	12,500	4,692	4,620	4,125	14.90	16.50	13.50
CO	2,100	2,300	2,300	819	920	828	7.20	8.20	8.40
FL	7,400	7,900	8,500	2,738	2,133	2,083	14.50	13.00	10.00
GA	8,000	7,500	8,100	2,800	2,475	2,268	8.00	8.30	8.80
IL	1,200	1,300	1,000	312	338	130	9.00	8.25	8.93
MD	480	580	600	50	70	93	14.00	12.00	18.00
MI	1,900	1,700	1,800	494	442	504	7.80	13.30	8.60
NJ	2,100	2,000	1,600	588	680	400	12.40	14.20	13.00
NY	11,200	12,100	12,100	5,376	4,598	4,961	9.70	10.30	9.20
NC	8,500	8,700	7,600	1,700	1,479	1,292	8.50	9.50	8.50
OH	1,400	1,200	1,300	448	276	247	11.00	12.20	11.30
PA	1,800	1,900	1,700	378	409	281	13.00	14.00	13.30
TX	8,500	8,500	9,200	2,890	3,400	3,128	11.70	20.40	13.20
VA	1,200	1,300	1,300	402	566	481	8.00	8.00	5.00
WI	5,000	4,700	4,700	1,450	1,387	1,105	6.90	6.85	7.40
Total	74,580	75,680	74,300	25,137	23,793	21,926	11.00	12.90	10.60
HI	650	600	550	130	153	143	21.00	18.00	23.00
US	75,230	76,280	74,850	25,267	23,946	22,069	11.10	12.90	10.60

[1] Preliminary. [2] Includes some quantities of fall storage in NY harvested but not sold because of shrinkage and loss: 1997, 591,000 cwt; 1998, 404,000 cwt; and 1999, 463,000 cwt.

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Table 4-16.—Cabbage for kraut: Area, production, and value per ton, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
NY	2,300	3,000	2,400	69,230	61,800	68,180	46.30	46.40	49.00
WI	2,100	2,600	2,700	80,140	76,280	80,650	43.10	39.80	39.00
Other States [2]	1,090	1,450	1,080	34,300	34,470	29,050	47.80	52.70	74.40
US	5,490	7,050	6,180	183,670	172,550	177,880	45.20	44.70	48.60

[1] Preliminary. [2] 1997–99 - MI, OH, OR, and WA.

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Table 4-17.—Cantaloups for fresh market: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	17,700	18,500	18,500	4,514	4,625	4,995	19.20	13.90	13.80
CA	62,300	58,000	64,500	13,083	12,760	13,545	17.70	17.10	17.00
CO	1,600	1,900	1,900	352	304	342	15.00	13.40	13.60
GA	4,100	5,000	6,500	574	600	1,105	11.70	16.80	13.40
IN	3,500	3,200	3,200	455	624	576	16.00	16.80	15.50
MD	1,200	1,600	1,600	132	128	128	21.00	21.00	26.00
MI	950	750	700	143	113	98	19.80	19.00	17.30
OH	660	610	650	109	113	81	17.00	18.20	21.30
PA	1,000	1,000	1,000	120	125	120	16.50	17.00	16.00
TX	9,700	10,000	11,100	1,358	2,100	1,998	20.00	31.90	28.40
US	102,710	100,560	109,650	20,840	21,492	22,988	18.00	17.80	17.10

[1] Preliminary.

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Table 4-18.—Carrots for fresh market, commercial crop: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	2,500	2,500	1,900	663	625	475	13.30	12.50	15.20
CA	83,200	86,500	87,000	29,998	29,843	31,320	13.00	11.40	17.30
CO	4,800	4,000	3,700	2,400	1,600	1,850	10.00	10.60	9.70
FL	7,600	5,600	.....	1,216	700	.....	13.60	16.20	.....
MI	5,300	4,600	4,700	1,325	1,334	1,316	12.50	13.10	10.70
MN	1,000	550	.....	400	204	.....	8.60	11.00	.....
NY	600	500	750	168	150	225	16.00	16.00	24.20
TX	2,400	4,000	5,100	396	980	1,020	17.30	20.50	30.00
WA	2,800	3,000	2,600	1,120	1,140	1,040	14.00	14.10	17.30
Other States [2]	1,180	850	880	903	657	591	14.00	16.00	12.20
US	111,380	112,100	106,630	38,589	37,233	37,837	12.90	12.00	17.00

[1] Preliminary. [2] 1997-98 - OH and OR. 1999 - MN and OR.

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Table 4-19.—Carrots for processing, commercial crop: Area, production, and value per ton, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per tons*	*Dollars per tons*	*Dollars per tons*
CA	2,700	4,500	4,400	86,510	141,300	136,970	65.50	66.90	79.70
MI	1,500	1,600	1,500	37,500	30,400	39,000	62.40	59.40	67.60
MN	1,000	1,000	1,000	20,430	18,400	18,000	81.00	65.00	65.00
NY	1,500	1,200	1,200	25,500	27,600	25,530	61.30	63.90	66.50
OR	350	480	210	8,980	12,370	4,670	56.60	70.00	55.90
TX	3,100	2,700	1,900	62,000	20,250	28,120	78.00	94.00	59.00
WA	7,000	6,500	7,000	210,000	182,000	203,000	64.00	67.00	66.00
WI [2]	3,300	4,000	4,600	80,850	89,160	95,680	72.80	73.80	66.10
Other States [3]	1,910	1,800	1,250	37,680	27,800	24,670	66.40	63.80	68.70
US	22,360	23,780	23,060	569,450	549,280	575,640	67.40	68.30	69.10

[1] Preliminary. [2] Mostly processing. [3] 1997-98 - NJ and OH. 1999 - IA, NJ, and OH.

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Table 4-20.—Cauliflower, commercial crop: Area, yield, production, value per hundredweight and per ton, and total value, 1990–99 [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*
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	175,935	41,600	433.00	18,003
1993	60,600	130	7,884	30.00	236,681	7,011	31.00	217,450	43,660	440.00	19,231
1994	58,800	139	8,190	28.30	231,411	7,345	28.80	211,529	42,290	470.00	19,882
1995	53,350	137	7,315	33.30	243,778	6,484	34.70	225,020	41,550	451.00	18,758
1996	48,200	153	7,354	32.30	237,342	6,801	33.00	224,168	27,640	477.00	13,174
1997	43,500	158	6,889	31.60	217,534	6,323	32.30	203,957	28,300	480.00	13,577
1998	44,200	156	6,897	32.80	226,560	5,468	34.50	188,477	71,450	533.00	38,083
1999 [4]	46,400	167	7,742	28.10	217,328	7,368	28.30	208,301	18,690	483.00	9,027

[1] Includes 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 4-21.—Cauliflower, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1997–99 [1]

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	3,900	3,400	3,900	780	714	1,170	33.20	45.80	37.30
CA	37,500	39,000	41,000	5,790	5,850	6,355	31.40	31.20	26.20
MI	400	400	400	56	60	52	25.90	26.20	20.00
NY	1,000	1,400	1,100	200	273	165	34.80	35.30	38.30
TX	700	.....	.....	63	.....	.....	22.70	.....	.....
US	43,500	44,200	46,400	6,889	6,897	7,742	31.60	32.80	28.10

State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	780	714	1,170	33.20	45.80	37.30	.....	.....	.....	.....	.....	.....
OtherStates [3]	5,543	4,754	6,198	32.10	32.80	26.60	28,300	71,450	18,690	480.00	533.00	483.00
US	6,323	5,468	7,368	32.30	34.50	28.30	28,300	71,450	18,690	480.00	533.00	483.00

[1] Includes heading (cauliflower) broccoli. [2] Preliminary. [3] 1997 - CA, MI, NY, and TX. 1998 - CA and MI. 1999 - CA, MI, and NY.

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Table 4-22.—Celery, commercial crop: Area, production, and value per hundredweight, by States, 1997–99 [1]

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	24,000	24,500	25,000	16,680	16,666	17,500	14.80	12.20	11.70
MI	2,300	2,200	1,900	1,081	1,034	855	13.30	12.90	12.90
OH	10	.....	.....	4	.....	.....	24.00	.....	.....
TX	600	500	600	354	300	372	12.70	13.90	10.10
US	26,910	27,200	27,500	18,119	18,000	18,727	14.70	12.30	11.70

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

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Table 4-23.—Celery, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1990–99 [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*
1990	37,660	526	19,816	10.80	214,708	1995	27,550	658	18,120	16.30	294,971
1991	33,010	578	19,089	10.80	205,689	1996	27,840	683	19,015	10.50	199,877
1992	35,580	592	21,052	12.30	258,662	1997	26,910	673	18,119	14.70	266,321
1993	28,220	645	18,215	14.80	270,082	1998	27,200	662	18,000	12.30	220,623
1994	28,500	660	18,798	11.80	220,892	1999 [3]	27,500	681	18,727	11.70	219,625

[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, 1990–99

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*
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	209,800	90	18,848	17.80	335,716	472,060	5.76	2,721,190	72.40	197,112
1994	225,900	98	22,121	17.20	380,213	516,100	7.23	3,731,040	68.60	256,087
1995	225,200	97	21,792	18.30	397,769	483,910	6.87	3,324,150	75.60	251,156
1996	227,800	102	23,127	16.90	390,737	474,200	6.95	3,296,330	78.50	258,840
1997	236,400	100	23,641	17.70	418,617	465,800	7.18	3,342,330	74.90	250,329
1998 [3]	237,400	111	26,311	17.20	452,410	467,300	6.97	3,255,560	73.30	238,748
1999 [3]	242,300	112	27,248	16.80	458,632	466,800	7.06	3,297,910	71.10	234,448

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

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Table 4-25.—Corn, sweet, commercial crop: Area, production, and value per hundredweight and per ton, by States, 1997–99

Utilization and State	Area harvest			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [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	2,600	1,100	2,100	130	61	147	17.00	16.00	14.50
CA	27,000	32,000	31,000	3,915	5,600	5,735	17.20	15.80	15.80
CO	6,300	6,900	6,700	1,040	1,104	1,072	8.70	11.00	7.30
CT	4,700	4,500	3,800	282	293	190	24.00	27.00	24.00
FL	42,700	40,300	37,800	5,978	5,844	5,292	21.30	17.90	20.00
GA	18,000	18,000	21,000	2,340	2,700	3,780	10.70	12.90	14.00
IL	7,500	6,800	6,900	705	530	531	14.60	17.60	20.50
IN	6,300	6,000	6,100	460	414	415	21.70	21.10	21.70
ME	2,400	2,300	2,500	132	127	138	33.00	33.00	31.00
MA	7,100	6,400	6,300	497	416	441	26.00	30.00	31.00
MI	11,500	10,000	10,600	978	750	742	17.80	17.20	17.90
NH	1,900	1,800	1,800	114	108	108	36.00	38.00	36.00
NJ	11,500	10,600	8,000	633	689	440	20.10	19.40	15.00
NY	27,300	29,200	33,700	1,993	2,628	3,202	14.90	18.10	16.30
NC	6,500	6,600	7,000	715	594	560	13.50	13.40	14.10
OH	14,200	14,000	15,100	1,051	1,078	1,133	17.40	18.60	15.90
OR	2,600	3,800	6,800	390	665	1,088	14.00	11.00	11.50
PA	16,000	17,100	15,800	880	1,026	695	28.30	23.40	23.50
RI	1,100	1,000	800	77	80	44	27.00	33.00	32.00
TX	5,000	4,800	4,500	250	432	450	14.80	19.50	17.30
VT	1,300	1,100	1,000	98	72	55	26.00	28.00	31.00
VA	3,000	3,000	3,100	84	111	71	17.80	34.00	31.00
WA	2,400	2,200	2,000	336	286	240	11.10	13.20	14.90
WI	7,500	7,900	7,900	563	703	679	13.40	15.40	14.00
US	236,400	237,400	242,300	23,641	26,311	27,248	17.70	17.20	16.80
FOR PROCESSING	*Acres*	*Acres*	*Acres*	*Tons* [2]	*Tons* [2]	*Tons* [2]	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
ID	14,300	16,100	15,300	135,850	144,900	140,610	78.50	76.20	82.20
IL	18,000	14,500	16,100	106,200	91,350	96,600	97.90	90.10	96.20
MI	127,200	129,200	125,700	814,080	822,720	804,270	73.00	71.00	69.00
MN	39,300	39,200	32,500	251,520	219,660	179,390	60.10	70.60	70.60
NY	41,000	37,300	44,000	353,000	311,920	358,270	83.80	83.70	81.70
OR	2,700	2,800	2,800	19,200	18,150	13,370	83.80	82.30	67.60
PA	87,700	98,300	97,400	778,780	823,730	823,290	74.70	75.20	73.50
WA	109,600	102,700	106,100	716,780	657,280	699,520	73.90	61.80	56.00
WI	.....	.....	.....	.....	.....	.....	.....	.....	.....
Other States [3]	26,000	27,200	26,900	166,920	165,850	182,590	74.20	92.70	85.40
US	465,800	467,300	466,800	3,342,330	3,255,560	3,297,910	74.90	73.30	71.10
Grand total	702,200	704,700	709,100	4,524,380	4,571,110	4,660,310	.....	.....	.....

[1] Preliminary. [2] Tonnage in husk. [3] Processing, 1997 - DE, IN, IA, MD, NJ, and TN. 1998 - DE, IA, MD, NJ, TN, and VA. 1999 - DE, IA, MD, NJ, and TN.

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Table 4-26.—Cucumbers for fresh market: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	6,300	6,000	6,500	1,985	1,920	2,015	24.70	30.90	27.20
FL	10,600	9,100	10,700	3,286	2,594	3,371	20.00	20.00	18.30
GA	13,000	13,000	14,000	2,210	2,600	2,660	12.20	13.90	12.00
MD	1,200	1,300	1,200	54	112	78	21.00	25.00	30.00
MI	6,400	6,500	6,600	1,280	1,235	1,452	14.10	17.30	15.50
NJ	3,200	3,100	3,000	416	558	420	16.80	19.30	17.60
NY	3,000	3,800	3,600	600	760	648	21.40	19.30	26.00
NC	5,500	6,000	6,100	660	750	641	10.00	13.50	11.00
SC	1,700	2,000	1,900	187	160	114	25.00	28.00	23.50
TX	1,700	1,500	1,800	289	113	162	14.50	23.80	23.40
VA	4,400	4,500	4,000	550	401	300	11.50	22.00	13.00
Total	57,000	56,800	59,400	11,517	11,203	11,861	17.60	19.90	18.10
HI	450	480	500	54	60	60	40.00	42.00	43.00
US	57,450	57,280	59,900	11,571	11,263	11,921	17.70	20.00	18.20

[1] Preliminary.

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Table 4-27.—Cucumbers (for pickles), commercial crop: Area, yield, production, value per ton, total value, and pickle stocks, United States, 1990–99

Year	For processing					Pickle stocks on hand Dec. 1 [2]
	Area harvested	Yield per acre	Production	Value [1]		
				Per ton	Total	
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*	*Tons*
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	116,640	5.43	633,518	219.00	139,044	458,150
1995	117,090	5.22	611,180	222.00	135,933	372,600
1996	105,200	5.36	563,689	248.00	139,985	392,970
1997	103,370	6.00	620,100	234.00	145,371	282,190
1998	102,870	5.77	593,720	237.00	140,553	359,512
1999 [3]	102,800	5.96	612,650	240.00	146,811	450,841

[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 Dec. 1 includes stocks of fresh-pack pickles. [3] Preliminary.

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Table 4-28.—Cucumbers (for pickles), commercial crop: Area, production, and value per ton, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
CA	4,200	4,500	4,400	30,200	29,520	44,000	296.00	235.00	280.00
CO	720	160	.....	6,080	1,440	.....	180.00	160.00	.....
FL	6,100	7,000	6,700	79,300	59,500	50,920	418.00	390.00	385.00
IN	2,000	2,000	1,800	9,940	12,160	9,110	171.00	166.00	172.00
MI	26,000	26,000	26,500	135,200	130,000	159,000	152.00	169.00	164.00
NC	18,000	17,500	16,200	72,000	78,750	77,920	225.00	220.00	265.00
OH	2,900	2,900	2,500	35,550	35,320	29,180	345.00	299.00	347.00
SC	3,800	2,100	1,700	11,400	6,010	5,270	230.00	200.00	215.00
TX	8,300	9,400	9,600	53,950	59,220	54,720	218.00	332.00	340.00
WI	4,200	4,200	3,800	33,180	31,880	26,790	115.00	170.00	153.00
Other States [2]	27,150	27,110	29,600	153,300	149,920	155,740	217.00	214.00	210.00
US	103,370	102,870	102,800	620,100	593,720	612,650	234.00	237.00	240.00

[1] Preliminary. [2] 1997-99 - AL, DE, GA, LA, MD, MA, MN, MO, NJ, NY, OR, VA, and WA.

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Table 4-29.—Eggplant for fresh market: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	2,300	2,200	2,000	598	528	540	26.00	30.00	31.90
NJ	1,000	1,000	800	195	240	172	17.60	25.30	24.80
US	3,300	3,200	2,800	793	768	712	23.90	28.50	30.20

[1] Preliminary.

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Table 4-30.—Escarole/Endive for fresh market: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	1,600	1,500	1,500	280	330	330	25.00	35.00	25.00
NJ	900	900	800	162	149	116	22.30	28.40	28.00
OH	600	530	580	114	101	78	23.00	23.70	33.50
US	3,100	2,930	2,880	556	580	524	23.80	31.30	26.90

[1] Preliminary.

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Table 4-31.—Honeydew melons, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1990–99

Year	Area for harvest	Yield per acre	Production	Value [1]	
				Per cwt.	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
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	27,100	174	4,724	16.40	77,473
1995	26,000	167	4,332	20.60	89,193
1996	27,300	174	4,737	17.00	80,405
1997	26,600	182	4,828	18.90	91,040
1998	25,500	192	4,887	21.10	103,291
1999 [2]	28,500	215	6,132	20.70	126,717

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

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Table 4-32.—Honeydew melons, commercial crop: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	4,100	4,200	4,200	718	840	1,029	18.50	20.20	19.20
CA	20,500	19,000	21,500	3,690	3,610	4,515	18.50	19.30	19.90
TX	2,000	2,300	2,800	420	437	588	22.60	38.10	29.10
US	26,600	25,500	28,500	4,828	4,887	6,132	18.90	21.10	20.70

[1] Preliminary.

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Table 4-33.—Head lettuce, commercial crop: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ:									
Western	51,800	51,000	44,000	16,835	17,850	14,740	11.60	15.80	12.20
Other	3,000	4,000	1,400	510	808	434	18.00	21.80	11.00
CA	141,000	135,000	147,500	49,350	42,525	56,050	19.40	16.30	13.70
CO	2,300	2,700	2,000	759	864	680	14.60	10.80	9.80
NJ	1,300	1,300	1,100	364	260	132	27.10	32.20	18.50
NM	2,000	2,900	1,800	600	740	490	22.40	9.35	9.10
NY	700	600	500	196	165	105	15.00	20.00	31.80
WA	900	900	800	180	189	168	15.10	14.30	10.80
US	203,000	198,400	199,100	68,794	63,401	72,799	17.50	16.10	13.30

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-34.—Head lettuce, commercial crop: Area, yield, production, value per hundredweight, and total value, United States, 1990–99

Year	Area for harvest	Yield per acre	Production	Value [1]	
				Per cwt.	Total
	Acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
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	327	67,811	16.00	1,086,716
1994	220,950	317	70,058	13.30	934,472
1995	197,160	316	62,349	23.50	1,463,348
1996	217,600	285	62,072	14.70	912,586
1997	203,000	339	68,794	17.50	1,201,899
1998	198,400	320	63,401	16.10	1,023,427
1999 [2]	199,100	336	72,799	13.30	971,205

[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, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [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	7,300	5,500	1,568	1,971	1,485	31.70	21.00	26.60
CA	42,000	38,000	36,000	8,660	8,170	7,920	28.30	30.50	23.80
FL	260	250	200	26	44	46	29.50	42.60	19.00
OH	650	670	480	133	124	62	25.50	26.10	22.70
US	48,610	46,220	42,180	10,387	10,309	9,513	28.80	28.70	24.20

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-36.—Romaine lettuce for fresh market: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AZ	8,200	9,800	9,800	2,624	3,038	2,744	19.50	22.10	15.10
CA	25,000	26,000	26,500	7,000	7,280	7,420	19.20	21.60	17.80
FL	600	1,000	600	129	230	102	20.10	39.30	16.40
OH	550	650	670	105	117	171	26.50	24.40	21.00
US	34,350	37,450	37,570	9,858	10,665	10,437	19.40	22.20	17.10

[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, 1997–99

Crop	Area harvested			Production			Value per unit		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
Artichokes	9,300	9,700	9,800	930	873	1,125	79.50	70.60	56.60
Brussels Sprouts	3,200	3,200	3,200	512	512	416	41.40	41.00	35.40
Garlic	33,000	38,000	40,000	5,610	5,510	6,600	47.90	37.70	30.20

NASS, Crops Branch, (202) 720–2127.

Table 4-38.—Onions (fresh market): Foreign trade, United States, 1989–98 [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.*
1989	3,885	2,663	1994	4,751	7,975
1990	4,589	3,784	1995	5,725	6,583
1991	4,278	3,436	1996	5,875	5,814
1992	4,619	3,756	1997	5,537	6,589
1993	5,729	4,397	1998	5,312	5,684

[1] Includes onion sets and pearl onions.

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, and total value, United States, 1990–99 [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*
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	158,080	380	60,124	8,343	16.50	856,963
1994	164,650	397	65,313	6,138	10.80	639,397
1995	166,800	392	65,374	7,219	11.10	645,748
1996	166,210	386	64,106	6,678	10.50	604,789
1997	165,910	414	68,769	7,540	12.60	769,974
1998	166,340	397	66,024	6,368	13.85	826,141
1999 [4]	169,200	422	71,379	7,393	10.20	654,282

[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, 1997–99 [1]

Season and State	Area harvested			Production			Shrinkage and loss			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [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	2,100	2,500	3,000	746	1,175	1,635	.....	.....	.....	12.60	15.30	5.53
CA	9,600	9,100	7,300	4,320	4,050	3,212	.....	.....	.....	14.30	14.10	11.90
GA	15,800	13,900	14,500	3,476	2,224	2,755	.....	.....	.....	25.60	30.90	27.10
TX	9,800	11,400	12,700	2,107	2,907	3,620	.....	.....	.....	16.90	21.70	17.40
Total	37,300	36,900	37,500	10,649	10,356	11,222	.....	.....	.....	18.40	20.00	16.50
Summer:												
Non-storage:												
NV	1,700	2,100	2,800	918	924	1,288	.....	.....	.....	14.50	14.00	8.00
NM	7,700	7,200	7,100	3,619	3,312	3,195	.....	.....	.....	14.40	13.00	16.00
TX	4,000	4,000	3,500	1,040	1,160	1,400	.....	.....	.....	14.00	23.40	22.00
WA	900	850	800	333	255	288	.....	.....	.....	17.40	26.00	24.40
Non-storage total	14,300	14,150	14,200	5,910	5,651	6,171	.....	.....	.....	14.50	15.90	16.10
Storage:												
CA [3]	31,300	32,700	35,000	13,772	14,388	15,225	278	250	250	7.84	9.70	7.20
CO	15,300	16,000	14,500	5,355	6,080	5,365	1,392	1,090	1,235	12.50	16.20	11.70
ID	8,200	8,000	7,900	5,658	4,640	5,530	1,132	610	1,100	12.60	13.00	6.20
MI	4,900	4,200	4,000	1,568	1,092	1,080	313	218	216	8.90	11.00	10.00
MN	600	470	420	180	150	118	3	3	80	8.13	8.00	6.00
NY	12,200	12,500	12,600	3,660	3,750	3,528	351	563	416	12.70	16.30	13.40
OH	510	520	480	212	161	137	20	20	14	9.00	9.30	8.00
OR (Malheur)	12,000	12,000	12,900	7,440	6,120	8,643	1,934	1,346	1,910	12.60	13.00	7.00
OR (Other)	7,400	7,500	7,200	3,330	3,300	3,600	533	363	540	15.60	13.40	7.80
UT	2,300	2,400	2,700	1,116	1,056	1,256	160	99	130	8.84	11.00	6.00
WA	17,500	17,000	18,000	9,100	8,500	8,820	1,350	1,750	1,420	12.10	11.50	7.10
WI	2,100	2,000	1,800	819	780	684	74	56	82	6.00	7.60	8.00
Storage total	114,310	115,290	117,500	52,210	50,017	53,986	7,540	6,368	7,393	12.30	12.13	7.90
Total summer	128,610	129,440	131,700	58,120	55,668	60,157	7,540	6,368	7,393	11.40	12.60	8.90
US	165,910	166,340	169,200	68,769	66,024	71,379	7,540	6,368	7,393	12.60	13.85	10.20

[1] Mostly for fresh market use, but includes some quantities used for processing. [2] Preliminary. [3] Primarily processing.

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, 1990–99

Year	Area harvested	Yield per acre	Production	Value [1]	
				Per ton	Total
	Acres	*Tons* [2]	*Tons*	*Dollars*	*1,000 dollars*
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 ..	249,800	1.67	417,672	285.00	118,910
1997 ..	271,200	1.77	480,000	288.00	138,482
1998 ..	273,900	1.77	483,900	282.00	136,584
1999 [3]	271,640	1.70	461,590	275.00	126,925

[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, 1997–99

State	Area harvested			Production [2]			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
MN	75,200	72,900	81,400	111,300	118,250	122,840	364.00	334.00	344.00
NY	18,200	17,500	14,900	40,220	38,500	31,730	210.00	330.00	314.00
OR	27,800	30,600	35,400	42,810	49,260	47,850	235.00	243.00	229.00
WA	53,700	55,100	52,300	104,720	109,950	98,430	242.00	245.00	229.00
WI	58,000	53,600	43,700	104,310	92,130	81,430	312.00	237.00	238.00
Other States [3]	38,300	44,200	43,940	76,640	75,810	79,310	281.00	312.00	275.00
US	271,200	273,900	271,640	480,000	483,900	461,590	288.00	282.00	275.00

[1] Preliminary. [2] Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. [3] 1997-99 - 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, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	21,000	22,000	21,000	6,300	6,270	6,300	24.60	27.20	29.10
FL	19,700	19,100	21,400	5,910	5,921	6,527	42.60	45.80	34.40
LA	400	380	320	80	72	54	25.00	23.00	26.00
MI	1,700	1,800	2,000	374	360	400	20.90	24.00	24.00
NJ	4,200	4,100	3,800	1,092	943	817	26.40	29.70	24.80
NC	5,500	5,700	6,200	660	456	713	25.00	24.00	20.50
OH	1,400	1,400	1,400	203	266	170	30.50	26.90	23.40
TX	1,600	1,500	1,400	280	180	252	34.60	29.50	24.70
VA	700	700	700	60	88	88	28.00	38.00	15.00
US	56,200	56,680	58,220	14,959	14,556	15,321	32.10	34.80	30.40

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-44.—Potatoes: Area, yield, production, season average price, and value, United States, 1990–99

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*
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	1,389.9	1,321.2	326	430,349	6.16	2,642,699
1994	1,421.8	1,385.1	339	469,425	5.56	2,593,446
1995	1,400.7	1,376.1	323	445,099	6.75	2,995,711
1996	1,454.7	1,425.9	350	499,254	4.91	2,423,476
1997	1,383.5	1,353.6	345	467,091	5.64	2,622,621
1998	1,416.6	1,387.7	343	475,771	5.56	2,633,198
1999 [2]	1,377.0	1,332.6	359	478,398	5.84	2,782,762

[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, 1989–98

Year	Production	Total used for seed [1]	Used on farms where produced [1]		Sold [1]
			For seed, feed, and household use [1]	Shrinkage and loss [1]	
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
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	28,317	5,923	33,807	385,637
1993	430,349	29,081	5,951	30,181	394,217
1994	469,425	29,428	5,904	37,342	426,179
1995	445,099	30,561	5,755	29,630	409,714
1996	499,254	29,138	6,221	41,238	451,795
1997	467,091	29,975	5,475	32,183	429,433
1998 [2]	475,771	29,516	5,766	35,454	434,551

[1] 1993–97 are preliminary. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-46.—Fall potatoes: Production and total stocks held by growers and local dealers, 15 Major States, 1989–98

Crop year	Production	Total stocks						
		Dec. 1	Following year					
			Jan. 1	Feb. 1	Mar. 1	Apr. 1	May 1	June 1 [1]
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
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	376,954	249,410	217,300	185,490	153,435	115,170	72,860	.....
1994	410,839	273,290	238,560	202,470	169,570	129,825	87,600	.....
1995	394,785	256,710	223,550	189,360	156,020	115,855	75,870	.....
1996	443,704	295,100	261,320	226,080	189,210	147,635	103,210	.....
1997	413,513	278,830	246,550	212,562	175,870	134,190	92,840	.....
1998 [2]	423,170	280,910	246,230	209,640	173,650	131,220	87,895	50,270

[1] Estimates begun in 1998. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-47.—Potatoes: Area, production, and marketing year price per hundredweight received by farmers, by States, 1997–99

Season and State	Area harvested			Production			Price for crop of—		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997 [1]	1998 [1]	1999 [2]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars*	*Dollars*	*Dollars*
Winter:									
CA	6.6	7.0	8.5	1,551	1,540	2,210	18.10	22.40	.....
FL	9.4	8.0	9.3	1,880	1,440	1,860	16.90	30.50	.....
Total	16.0	15.0	17.8	3,431	2,980	4,070	17.40	26.40	.....
Spring:									
AL	1.6	1.7	1.6	272	221	280	10.80	13.10	.....
AZ	6.5	8.1	9.6	1,820	2,268	3,024	8.75	11.30	.....
CA	20.7	18.5	19.0	8,073	6,198	7,600	9.85	10.50	.....
FL	32.7	34.5	28.0	7,150	7,358	8,820	11.00	11.60	.....
Hastings	23.9	24.5	21.0	5,258	5,758	6,930	10.70	10.70	.....
Other	8.8	10.0	7.0	1,892	1,600	1,890	11.80	14.70	.....
NC	17.3	17.5	16.5	3,287	3,325	3,300	6.55	6.10	.....
TX	8.7	10.3	9.8	1,697	1,751	2,303	8.10	9.15	.....
Total	87.5	90.6	84.5	22,299	21,121	25,327	9.53	10.20	.....
Summer:									
AL	4.6	4.3	2.8	690	559	616	7.90	12.80	.....
CA	5.9	6.1	6.7	2,124	2,166	2,412	14.50	11.90	.....
CO	7.6	7.5	7.7	2,584	2,625	2,657	5.30	5.35	.....
DE	4.7	4.6	4.3	964	1,012	1,075	8.25	7.45	.....
IL	4.6	4.9	4.7	1,495	1,421	1,645	5.50	5.25	.....
IA	1.5	1.3	0.8	308	306	180	5.45	5.35	.....
MD	3.4	4.6	4.7	816	1,081	1,128	6.85	7.25	.....
MO	6.0	8.8	6.2	1,500	1,892	1,829	5.30	5.15	.....
NE	4.1	4.4	4.5	1,599	1,606	1,620	5.15	4.50	.....
NJ	2.5	2.6	2.5	650	702	625	6.50	6.95	.....
NM	3.9	3.7	4.3	1,248	962	1,247	6.95	6.80	.....
NC	1.2	1.1	1.0	120	105	110	8.00	7.80	.....
TX	8.5	8.2	8.0	2,805	3,116	2,960	12.10	9.45	.....
VA	6.5	6.0	6.0	1,268	1,380	1,050	11.50	8.10	.....
Total	65.0	68.1	64.2	18,171	18,933	19,154	8.40	7.45	.....
Fall:									
CA	10.5	10.3	9.0	4,200	3,708	4,005	8.10	8.40	.....
CO	76.9	75.7	76.9	24,993	25,360	25,762	4.50	4.60	.....
ID	398.0	408.0	393.0	140,314	138,000	133,330	4.50	4.55	.....
10 S.W. counties	27.0	28.0	26.0	12,690	12,600	12,220	.....	.....	.....
Other counties	371.0	380.0	367.0	127,624	125,400	121,110	.....	.....	.....
IN	4.5	5.0	4.9	1,170	1,600	1,323	6.15	5.65	.....
ME	72.0	64.5	62.5	19,080	18,060	17,813	6.40	6.45	.....
MA	3.0	2.9	2.9	810	682	740	7.70	6.25	.....
MI	47.5	46.5	47.5	14,250	14,648	14,963	6.45	6.70	.....
MN	73.0	73.0	53.0	20,440	21,170	18,020	5.55	5.10	.....
MT	10.4	10.6	10.9	3,328	3,180	3,325	7.05	7.95	.....
NE	19.9	21.8	21.2	7,761	8,175	8,904	6.35	5.05	.....
NV	6.9	7.0	6.5	2,967	2,800	2,860	4.50	4.25	.....
NM	6.1	5.9	6.6	2,379	2,242	2,508	5.50	5.40	.....
NY	26.0	27.0	25.5	7,150	7,290	6,758	8.75	9.35	.....
ND	110.0	122.0	110.0	22,000	28,670	26,400	5.65	5.30	.....
OH	5.2	4.8	4.7	1,170	1,200	987	8.25	6.60	.....
OR	55.5	58.0	55.5	27,319	26,229	28,020	5.20	5.05	.....
Malheur County	10.9	11.4	10.5	4,796	4,560	4,620	5.05	4.50	.....
Other counties	44.6	46.6	45.0	22,523	21,669	23,400	5.25	5.15	.....
PA	13.5	14.0	14.0	3,173	3,360	3,080	8.20	7.35	.....
RI	0.8	0.7	0.6	216	147	135	7.60	6.60	.....
SD	4.4	4.8	3.4	968	1,248	986	4.90	4.85	.....
UT	3.3	2.6	2.0	957	728	580	4.35	4.85	.....
WA	152.0	165.0	170.0	88,160	93,225	95,200	4.90	4.80	.....
WI	85.0	83.5	85.0	30,175	30,895	34,000	5.70	4.95	.....
WY	0.7	0.4	0.5	210	120	148	5.05	4.00	.....
Total	1,185.1	1,214.0	1,166.1	423,190	432,737	429,847	5.20	5.07	.....
US	1,353.6	1,387.7	1,332.6	467,091	475,771	478,398	5.64	5.56	.....

[1] Preliminary. [2] Data not available.

NASS, Crops Branch, (202) 720–2127.

Table 4-48.—Fall potatoes: Total stocks held by growers and local dealers, 15 States, crop of 1997 and 1998 [1]

State	Crop of 1997					
	Dec. 1, 1997	Jan. 1, 1998	Feb. 1, 1998	Mar. 1, 1998	Apr. 1, 1998	May 1, 1998
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
CA	2,700	2,300	2,100	1,800	1,500	1,200
CO	19,400	17,000	14,700	12,800	10,500	7,700
ID	102,000	91,500	81,000	69,500	56,000	41,500
ME	15,600	14,100	12,100	10,300	7,400	4,500
MI	8,500	7,000	5,500	3,800	2,300	1,000
MN	13,500	12,000	10,500	8,800	6,800	4,500
MT	3,180	3,080	2,980	2,350	700	150
NE	5,300	4,300	3,300	.....	.....	.....
NY	3,600	2,500	1,500	800	400	100
ND	16,000	13,800	11,900	9,300	7,000	4,700
OH	350	170	82	.....	.....	.....
OR	20,500	19,000	16,000	13,000	9,800	6,500
PA	2,000	1,500	1,200	890	480	190
WA	47,000	41,500	36,500	29,500	22,500	16,000
WI	19,200	16,800	13,200	10,600	7,600	4,500
Other	.....	.....	.....	2,430	1,210	300
15 State total	278,830	246,550	212,562	175,870	134,190	92,840

State	Crop of 1998 [2]						
	Dec. 1, 1998	Jan. 1, 1999	Feb. 1, 1999	Mar. 1, 1999	Apr. 1, 1999	May 1, 1999	June 1, 1999
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
CA	2,800	2,400	2,000	1,600	1,200	900	600
CO	19,000	16,500	14,200	12,000	9,300	6,600	2,900
ID	99,500	89,000	77,500	66,000	52,000	37,000	23,000
ME	14,100	12,500	10,500	8,450	6,000	3,800	1,900
MI	9,100	7,500	5,400	4,100	2,200	800	.....
MN	13,500	12,000	10,500	8,900	6,700	4,300	2,500
MT	3,050	2,980	2,850	2,650	1,740	290	.....
NE	4,700	3,900	2,900	.....	.....	.....	.....
NY	3,400	2,300	1,500	800	350	75	.....
ND	20,500	17,500	15,000	12,800	10,500	7,500	4,500
OH	260	150	90	.....	.....	.....	.....
OR	20,000	17,500	15,800	13,000	10,500	7,000	4,200
PA	2,000	1,500	900	700	420	130	.....
WA	49,000	43,500	36,500	29,500	21,500	14,500	7,500
WI	20,000	17,000	14,000	11,000	7,800	4,800	3,000
Other	.....	.....	.....	2,150	1,010	200	170
15 State total	280,910	246,230	209,640	173,650	131,220	87,895	50,270

[1] Blank States combined into Other. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-49.—Frozen French fries: U.S. imports from principal suppliers for marketing years, 1996/97–98/99 [1]

Countries	1996/97	1997/98	1998/99
	Metric tons	*Metric tons*	*Metric tons*
Canada	146,758	204,154	227,114
Other	171	856	75
Total	146,929	205,101	227,189

[1] July through June.

FAS, Horticultural & Tropical Products Division, (202) 720–0897. Compiled from reports of the U.S. Department of Commerce.

Table 4-50.—Potatoes: Utilization, United States, crop years 1991–98

Item	1991	1992	1993	1994
SALES	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Table stock	126,953	127,106	125,379	136,106
For processing:				
Chips and shoestring	45,850	48,455	48,987	49,299
Dehydration	40,395	38,078	40,795	41,381
Frozen french fries	111,128	112,496	121,087	136,531
Other frozen products	23,097	23,016	25,190	26,362
Canned potatoes	2,465	2,710	1,879	2,503
Other canned products (hash, stews, soups)	1,886	2,557	2,458	3,006
Starch and flour	1,739	1,610	1,691	2,176
Total	226,560	228,922	242,087	261,258
Other sales:				
Livestock feed	3,652	3,928	2,498	4,147
Seed	22,033	23,638	24,253	24,668
Diversion	.....	2,043	.....	.....
Total	25,685	29,609	26,751	28,815
Total sales	379,198	385,637	394,217	426,179
NON-SALES				
Seed used on farms where grown	4,988	4,679	4,828	4,760
Household use	1,007	1,244	1,123	1,144
Shrinkage and loss	32,429	33,807	30,181	37,342
Total non-sales	38,424	39,730	36,132	43,246
Total production	417,622	425,367	430,349	469,425

Item	1995	1996	1997	1998 [1]
SALES	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Table stock	124,875	131,446	131,670	124,467
For processing:				
Chips and shoestring	47,284	48,305	48,130	50,462
Dehydration	45,065	54,261	48,389	55,522
Frozen french fries	129,029	145,489	131,628	142,932
Other frozen products	27,073	28,972	33,397	26,270
Canned potatoes	3,342	2,785	2,822	2,730
Other canned products (hash, stews, soups)	2,385	2,167	2,675	2,310
Starch and flour	1,668	1,956	1,311	1,636
Total	255,846	283,935	268,352	281,862
Other sales:				
Livestock feed [2]	3,224	12,073	3,603	3,111
Seed	25,769	24,341	25,808	25,111
Total	28,993	36,414	29,411	28,222
Total sales	409,714	451,795	429,433	434,551
NON-SALES				
Seed used on farms where grown	4,792	4,797	4,167	4,405
Household use	963	1,424	1,308	1,361
Shrinkage and loss	29,630	41,238	32,183	35,454
Total non-sales	35,385	47,459	37,658	41,220
Total production	445,099	499,254	467,091	475,771

[1] Preliminary. [2] Includes potatoes in 1996 under Government diversion.
NASS, Crops Branch, (202) 720–2127.

Table 4-51.—Potatoes: Production, seed used, and disposition, by seasonal groups, crop of 1998 [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	1,540	211	.....	70	1,470
FL	1,440	283	.....	9	1,431
Total	2,980	494	.....	79	2,901
Spring:					
AL	221	26	.....	3	218
AZ	2,268	188	5	25	2,238
CA	6,198	468	6	248	5,944
FL	7,358	775	1	36	7,321
Hastings	5,758	585	1	23	5,734
Other	1,600	190	.....	13	1,587
NC	3,325	238	24	103	3,198
TX	1,751	127	44	35	1,672
Total	21,121	1,822	80	450	20,591
Summer:					
AL	559	56	8	28	523
CA	2,166	170	5	145	2,016
CO	2,625	190	8	125	2,492
DE	1,012	65	5	40	967
IL	1,421	108	21	36	1,364
IA	306	15	4	14	288
MD	1,081	67	32	32	1,017
MO	1,892	160	1	19	1,872
NE	1,606	106	.....	82	1,524
NJ	702	31	3	21	678
NM	962	86	5	39	918
NC	105	14	3	3	99
TX	3,116	112	6	62	3,048
VA	1,380	91	1	48	1,331
Total	18,933	1,271	102	694	18,137
Fall:					
CA	3,708	171	29	720	2,959
CO	25,360	1,930	1,615	2,615	21,130
ID	138,000	8,400	1,280	9,756	126,964
IN	1,600	104	10	110	1,480
ME	18,060	1,496	360	1,740	15,960
MA	682	60	.....	30	652
MI	14,648	888	200	1,348	13,100
MN	21,170	1,400	254	1,440	19,476
MT	3,180	253	145	265	2,770
NE	8,175	469	166	881	7,128
NV	2,800	100	50	336	2,414
NM	2,242	165	135	269	1,838
NY	7,290	572	110	330	6,850
ND	28,670	2,250	395	2,840	25,435
OH	1,200	100	8	37	1,155
OR	26,229	1,382	195	2,206	23,828
Malheur County	4,560	242	5	166	4,389
Other counties	21,669	1,140	190	2,040	19,439
PA	3,360	261	50	252	3,058
RI	147	13	.....	2	145
SD	1,248	56	14	100	1,134
UT	728	48	.....	73	655
WA	93,225	4,080	300	6,500	86,425
WI	30,895	1,720	265	2,360	28,270
WY	120	11	3	21	96
Total	432,737	25,929	5,584	34,231	392,922
US	475,771	29,516	5,766	35,454	434,551

[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, 1995/96–1997/98

Item and country	Year beginning October		
	1995/96	1996/97	1997/98
Exports	*Metric tons*	*Metric tons*	*Metric tons*
Europe:			
United Kingdom	250	943	1,129
Other countries	44	170	99
Total[2]	294	1,113	1,228
Latin America:			
Venezuela	46	271	14
Other countries	63	49	16
Total[2]	109	320	30
Bermuda and Caribbean:			
Bahamas	1,033	375	86
Dominican Republic	1,049	2,416	490
Jamaica	1,110	1,756	1,375
Other countries	479	448	677
Total[2]	3,671	4,995	2,628
Other countries:			
Canada	240,668	255,383	195,963
Hong Kong	2,015	2,250	1,596
Russian Federation	1,871	5,261	216
Singapore	2,289	2,211	2,301
Total[2]	246,843	265,105	200,076
Grand total[2]	272,824	305,955	252,569
Imports			
Certified seed:			
Canada	102,100	132,516	125,482
Others	12,366	12,035	15,372
Total	114,466	144,551	140,854

[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, 1989–98[1]

Year beginning July	Imports for consumption	Domestic exports
	1,000 cwt.	*1,000 cwt.*
1989	7009	2,870
1990	7,180	3,374
1991	3,352	4,487
1992	6,602	5,040
1993	7,018	6,246
1994	5,158	6,273
1995	10,741	5,501
1996	7,129	6,402
1997	10,481	7,172
1998	9,090	5,717

[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, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999[1]	1997	1998	1999[1]	1997	1998	1999[1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
CA	15,200	15,000	17,000	2,660	2,400	2,635	31.20	35.40	29.70
CO	2,000	1,900	1,800	104	95	144	32.00	40.00	26.40
MD	1,200	1,400	1,400	107	70	77	41.00	31.00	38.00
NJ	1,900	2,000	2,000	238	180	150	25.60	36.90	33.30
TX	2,400	2,500	2,100	156	225	147	35.40	39.40	46.20
US	22,700	22,800	24,300	3,265	2,970	3,153	31.30	35.80	30.70

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-55.—Spinach for processing: Area, production, and value per ton, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 tons*	*1,000 tons*	*1,000 tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
TX	4,700	5,000	4,900	44,650	42,500	48,440	93.50	95.00	94.00
Other States [2]	9,620	7,700	8,480	83,040	67,690	66,280	110.00	149.00	158.00
US	14,320	12,700	13,380	127,690	110,190	114,720	105.00	128.00	131.00

[1] Preliminary. [2] 1997 - AR, CA, NY, OH, OK, PA, TN, VA, and WI. 1998 - AR, CA, NY, OK, PA, TN, and WI. 1999 - AR, CA, NY, OH, PA, and TN.

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, 1990–99

Year	Area harvested	Yield per acre	Production	Price [1]	Value of production
	1,000 acres	*Cwt.*	*1,000 cwt.*	*Dollars*	*1,000 dollars*
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	80.0	138	11,027	15.10	166,506
1994	82.7	162	13,380	14.00	187,206
1995	83.1	154	12,821	15.90	203,799
1996	83.7	158	13,216	14.40	190,529
1997	82.1	162	13,327	15.80	211,177
1998	83.8	148	12,382	15.30	189,789
1999 [2]	82.9	145	11,980	18.00	215,759

[1] Obtained by weighting State prices by production. [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, 1997–99

State	Area harvested			Production			Price for crop of—		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars*	*Dollars*	*Dollars*
AL	3.6	3.7	3.2	540	629	422	20.50	15.10	18.00
CA	9.7	9.7	9.5	1,989	2,134	2,328	28.00	25.80	32.80
GA	0.8	0.7	0.6	120	70	60	15.40	16.50	16.30
LA	20.0	20.0	23.0	3,400	2,200	3,450	14.40	14.40	13.50
MS	8.4	9.7	10.3	1,092	1,358	1,442	18.50	17.50	20.70
NJ	1.1	1.0	1.0	116	105	100	20.40	21.50	32.00
NC	31.0	32.0	29.0	4,960	5,440	3,770	10.80	11.00	11.60
SC	1.1	0.9	0.5	121	81	48	15.40	12.50	11.80
TX	5.8	5.6	5.3	899	252	265	16.20	16.40	21.50
VA	0.6	0.5	0.5	90	113	95	11.60	12.30	12.70
US	82.1	83.8	82.9	13,327	12,382	11,980	15.80	15.30	18.00

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-58.—Taro: Area, yield, total production, price, and value, Hawaii, 1990–99 [1]

Year	Total area	Yield per acre [1]	Production	Price per pound	Value of production
	Acres	*1,000 pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1990	420	.....	5,800	0.390	2,262
1991	550	.....	6,500	0.430	2,795
1992	550	.....	6,900	0.435	3,002
1993	510	.....	6,000	0.460	2,760
1994	490	.....	6,100	0.460	2,806
1995	550	.....	6,800	0.480	3,264
1996	530	.....	5,700	0.490	2,793
1997	450	.....	5,500	0.510	2,805
1998	490	.....	6,000	0.530	3,180
1999 [2]	500	.....	6,800	0.530	3,604

[1] Yield not estimated. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 4-59.—Tomatoes: Foreign trade, United States, 1989–98

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*
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
1997	1,794,809	186,099	23,601	332,416	55,165	319,959	298,407	23,052
1998	1,618,039	281,473	167,727	310,810	69,444	331,949	173,469	27,292

[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, 1990–99

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*
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	134,250	273	36,663	31.60	1,157,996	307,470	31.47	9,676,667	60.10	581,901
1994	135,220	276	37,387	27.40	1,024,563	340,060	33.93	11,539,710	62.10	716,469
1995	131,020	260	34,098	25.20	870,427	344,380	32.77	11,285,007	63.20	713,479
1996	120,640	279	33,634	28.20	947,031	339,140	33.64	11,407,301	62.30	711,043
1997	115,190	285	32,777	31.70	1,040,382	283,390	35.19	9,973,259	60.70	604,905
1998	121,710	268	32,628	35.20	1,149,713	299,960	31.34	9,402,010	65.30	613,954
1999 [3]	131,680	270	35,492	25.90	919,935	350,410	36.63	12,836,020	71.10	912,988

[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, 1997–99

Utilization and State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [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	2,100	1,200	1,600	315	192	224	24.00	31.00	20.10
AR	1,100	1,400	1,500	231	336	338	34.00	34.50	41.80
CA	34,000	41,000	44,000	9,860	9,840	11,000	26.50	33.10	22.00
FL	39,200	39,300	43,500	13,720	13,952	15,008	35.50	37.10	26.10
GA	3,500	3,500	3,700	1,470	910	1,110	25.70	31.50	26.60
IN	1,600	1,500	1,600	232	240	240	43.80	52.00	63.30
LA	310	260	280	59	42	39	50.00	45.00	33.00
MD	2,000	1,900	2,200	260	342	319	28.00	33.00	28.00
MA	420	450	450	59	70	56	80.00	100.00	100.00
MI	2,500	2,300	2,600	400	483	494	24.20	38.50	33.50
NJ	3,900	3,900	3,600	722	741	504	36.70	39.20	34.30
NY	3,200	3,300	3,100	384	462	357	29.10	29.00	34.50
NC	2,000	2,200	2,300	600	616	713	24.50	27.00	29.00
OH	3,400	3,000	4,300	646	735	1,028	46.00	38.70	27.50
PA	3,800	4,400	3,800	494	528	570	25.00	26.00	25.50
SC	3,200	3,200	3,600	640	896	828	35.10	27.00	22.00
TN	3,600	3,400	3,600	864	850	828	27.00	38.00	29.00
TX	1,300	1,400	1,600	260	140	192	34.00	37.80	31.70
VA	3,700	3,800	3,900	1,462	1,151	1,482	33.80	35.00	28.00
Total	114,830	121,410	131,230	32,678	32,526	35,330	31.70	35.20	25.80
HI	360	300	450	99	102	162	53.00	55.00	47.00
US	115,190	121,710	131,680	32,777	32,628	35,492	31.70	35.20	25.90
FOR PROCESSING	*Acres*	*Acres*	*Acres*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*Dollars per ton*
CA	260,000	280,000	329,000	9,342,309	8,892,800	12,239,300	59.50	64.20	70.50
IN	6,400	7,100	7,200	157,440	156,200	215,140	87.30	88.00	86.50
MI	4,300	2,500	2,900	133,300	90,000	87,000	73.30	84.00	84.00
OH	8,900	6,300	7,800	252,670	169,090	212,320	73.70	81.40	82.80
PA	1,100	1,300	1,400	27,010	33,800	31,500	77.00	80.00	78.00
Other States [2]	2,690	2,760	2,110	60,530	60,120	50,760	79.60	87.50	82.00
US	283,390	299,960	350,410	9,973,259	9,402,010	12,836,020	60.70	65.30	71.10
Grand total	398,580	421,670	482,090	11,612,109	11,033,410	14,610,620	.....	.....	.....

[1] Preliminary. [2] 1997 - DE, IL, MD, NJ, NY, TX, and VA. 1998 - DE, MD, NJ, NY, and TX. 1999 - DE, MD, NJ, NY, and VA.

NASS, Crops Branch, (202) 720–2127.

Table 4-62.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1998

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	.....	6	6	.....	18	18	.....	87	87	.....	7	7
Asparagus	.....	41	41	.....	66	66	.....	112	112	.....	37	37
Beans	.....	110	110	.....	128	128	.....	308	308	.....	67	67
Beets	.....	3	3	.....	3	3	.....	131	131	.....	6	6
Broccoli	14	218	232	102	208	310	188	333	521	89	111	200
Brussels sprouts	.....	7	7	.....	8	8	.....	36	36	.....	.....	.....
Cabbage	.....	310	310	.....	293	293	.....	828	828	.....	201	201
Carrots	29	250	279	317	413	730	498	491	989	165	135	300
Cauliflower	.....	94	94	32	103	135	50	162	212	23	39	62
Celery	21	305	326	140	186	326	251	386	637	123	217	340
Chinese cabbage	.....	17	17	.....	17	17	.....	18	18	.....	5	5
Corn, sweet	2	275	277	1	385	386	14	425	439	12	117	129
Cucumbers	.....	324	324	1	588	589	.....	807	807	.....	195	195
Eggplant	.....	40	40	.....	95	95	.....	377	377	.....	53	53
Endive	.....	10	10	.....	7	7	.....	141	141	.....	6	6
Escarole	.....	5	5	.....	9	9	.....	145	145	.....	12	12
Garlic	.....	6	6	.....	45	45	.....	201	201	.....	25	25
Greens	.....	140	140	.....	80	80	.....	481	481	.....	73	73
Lettuce, iceberg	38	835	873	31	1,350	1,661	561	954	1,515	253	568	821
Lettuce, romaine	2	193	195	59	347	406	99	573	672	46	195	241
Lettuce, other	.....	98	98	1	152	153	.....	379	379	.....	62	62
Mixed vegetables	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mushrooms	.....	38	38	.....	165	165	.....	111	111	.....	35	35
Okra	.....	2	2	.....	1	1	.....	23	23	.....	.....	.....
Onions, dry	24	708	732	202	977	1,179	399	1,222	1,621	117	608	725
Onions, green	.....	46	46	.....	50	50	.....	94	94	.....	27	27
Parsley	.....	13	13	.....	25	25	.....	54	54	.....	9	9
Peas, green	.....	10	10	.....	21	21	.....	35	35	.....	8	8
Peas, other	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peppers, bell	1	259	260	22	607	629	3	731	734	1	323	324
Peppers, other	.....	9	9	.....	21	21	.....	264	264	.....	15	15
Potatoes, table	238	1,272	1,510	785	2,446	3,231	2,389	1,529	3,918	661	1,075	1,736
Potatoes, chipper	66	.....	66	25	43	68	133	.....	133	68	.....	.....
Potatoes, seed	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pumpkins	.....	20	20	.....	32	32	.....	.....	.....	.....	9	9
Radishes	.....	24	24	.....	43	43	.....	87	87	.....	11	11
Spinach	.....	21	21	.....	60	60	.....	222	222	.....	10	10
Squash	.....	127	127	.....	401	401	.....	497	497	.....	87	87
Sweet potatoes	.....	127	127	.....	121	121	.....	291	291	.....	53	53
Tomatoes	1	815	816	48	1,248	1,296	17	1,142	1,159	13	607	620
Tomatoes, cherry	.....	38	38	1	81	82	.....	85	85	.....	30	30
Turnips-rutabagas	.....	11	11	.....	51	51	.....	57	57	.....	6	6
Vegetables, other	.....	.....	.....	.....	.....	.....	.....	13	13	.....	.....	.....
Total	436	6,827	7,263	2,047	10,894	12,941	4,602	13,832	18,434	1,571	5,044	6,615
Melons:												
Cantaloups	4	394	398	68	462	530	126	454	580	52	217	269
Honeydews	6	169	175	25	189	214	62	222	284	22	104	126
Mixed and miscellaneous	.....	5	5	.....	11	11	.....	6	6	.....	5	5
Watermelons	1	613	614	5	431	436	52	702	754	29	258	287
Total	11	1,181	1,192	98	1,093	1,191	240	1,384	1,624	103	584	687
Grand total	447	8,008	8,455	2,145	11,987	14,132	4,842	15,216	20,058	1,674	5,628	7,302

[1] Includes Washington. [2] Includes Newark. [3] Estimated percentages of completeness for reported truck arrivals for 1998 are as follows: Baltimore 92, Boston 88, New York 70, and Philadelphia 80.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720–3343.

Table 4-63.—Vegetables and melons: Arrivals at 4 markets, by commodities, 1998

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	.....	6	6	.....	54	54	.....	86	86	.....	76	76
Asparagus	.....	25	25	.....	126	126	8	65	73	.....	119	119
Beans	.....	92	92	.....	299	299	.....	168	168	.....	110	110
Beets	.....	.....	.....	.....	59	59	.....	25	25	.....	24	24
Broccoli	.....	198	198	157	355	512	.....	383	383	.....	275	275
Brussel sprouts	.....	.....	.....	.....	41	41	.....	28	28	.....	10	10
Cabbage	.....	502	502	.....	814	814	.....	418	418	.....	278	278
Carrots	.....	340	340	180	721	901	.....	696	696	.....	531	531
Cauliflower	.....	40	40	54	308	362	.....	165	165	.....	123	123
Celery	.....	194	194	220	701	921	.....	529	529	.....	274	274
Chinese cabbage	.....	26	26	.....	301	301	.....	197	197	.....	80	80
Corn, sweet	.....	211	211	.....	484	484	.....	567	567	.....	403	403
Cucumbers	.....	241	241	.....	837	837	2	592	594	.....	311	311
Eggplant	.....	21	21	.....	225	225	.....	197	197	.....	113	113
Endive	.....	5	5	.....	177	177	6	21	27	.....	12	12
Escarole	.....	6	6	.....	184	184	.....	15	15	.....	.....	.....
Garlic	.....	18	18	.....	104	104	2	41	43	.....	49	49
Greens	.....	118	118	.....	267	267	.....	177	177	.....	83	83
Lettuce, iceberg	.....	1,086	1,086	502	1,607	2,109	.....	1,562	1,562	.....	558	558
Lettuce, romaine	.....	306	306	101	389	490	.....	388	388	.....	285	285
Lettuce, other	.....	54	54	.....	182	182	.....	293	293	.....	178	178
Mixed vegetables	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Mushrooms	.....	80	80	.....	380	380	.....	170	170	.....	125	125
Okra	.....	15	15	.....	37	37	3	10	13	.....	6	6
Onions, dry	8	1,425	1,433	158	1,053	1,211	.....	1,534	1,534	3	1,040	1,043
Onions, green	.....	40	40	.....	219	219	.....	159	159	.....	109	109
Parsley	.....	12	12	.....	104	104	.....	37	37	.....	30	30
Peas	.....	.....	.....	.....	92	92	.....	37	37	.....	30	30
Peas, other	.....	3	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Peppers, bell	.....	301	301	1	595	596	10	570	580	1	332	333
Peppers, other	.....	6	6	.....	301	301	.....	213	213	.....	111	111
Potatoes, table	159	1,303	1,462	793	1,210	2,003	35	5,105	5,140	.....	1,877	1,877
Potatoes, chipper	.....	2,626	2,626	6	.....	6	.....	.....	.....	.....	421	421
Potatoes, seed	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Pumpkins	.....	27	27	.....	21	21	.....	93	93	.....	72	72
Radishes	.....	11	11	.....	241	241	.....	213	213	.....	100	100
Spinach	.....	27	27	.....	188	188	.....	127	127	.....	96	96
Squash	.....	113	113	.....	376	376	.....	512	512	3	350	353
Sweet potatoes	.....	164	164	.....	315	315	.....	235	235	.....	143	143
Tomatoes	.....	1,032	1,032	14	1,811	1,825	10	2,897	2,907	47	1,028	1,075
Tomatoes, cherry	.....	51	51	.....	229	229	.....	90	90	.....	68	68
Turnips-rutabagas	.....	22	22	.....	38	38	.....	28	28	.....	22	22
Vegetables, oth [3]	.....	1	1	.....	.....	.....	.....	23	23	.....	44	44
Total	167	10,748	10,915	2,186	15,445	17,631	76	18,666	18,742	54	9,896	9,950
Melons:												
Cantaloups	.....	445	445	98	761	859	.....	1,872	1,872	.....	759	759
Honeydews	.....	104	104	43	431	474	1	471	472	.....	254	254
Mixed and miscellaneous	.....	3	3	2	9	11	.....	48	48	.....	59	59
Watermelons	.....	469	469	.....	653	653	.....	1,983	1,983	.....	772	772
Total	.....	1,021	1,021	143	1,854	1,997	1	4,374	4,375	.....	1,844	1,844
Grand total	167	11,769	11,936	2,329	17,299	19,628	77	23,040	23,117	54	11,740	11,794

[1] Includes Oakland. [2] Estimated percentages of completeness for reported truck arrivals for 1998 are as follows: Atlanta 95, Chicago 88, Los Angeles 85, and San Francisco 85. [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, 1998

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	10	15	26	27	26	3	2	10	22	33	18	14	206
Asparagus	16	52	215	341	305	101	1	.....	.....	.....	.....	.....	1,031
Beans	114	107	161	339	265	76	25	36	20	132	183	185	1,643
Beets	17	17	23	24	4	.....	.....	.....	.....	.....	2	7	94
Broccoli	704	746	706	561	697	693	608	544	543	571	734	638	7,745
Cabbage	1,136	1,054	1,555	1,362	1,085	469	470	789	837	815	705	1,201	11,478
Carrots	1,108	929	1,090	1,087	993	918	806	728	755	806	747	888	10,855
Cauliflower	335	300	356	297	331	376	277	257	273	355	375	370	3,902
Celery	1,325	1,020	1,059	1,149	1,151	1,437	1,152	985	1,154	1,284	1,775	1,444	14,935
Chinese cabbage	33	19	18	19	3	.....	.....	.....	.....	.....	3	18	113
Corn, sweet	281	262	430	1,315	2,796	2,880	637	305	214	165	181	291	9,757
Cucumbers	30	5	44	434	755	480	634	680	544	470	421	248	4,745
Eggplant	35	14	17	31	64	51	5	.....	.....	12	51	66	346
Endive	15	15	17	16	6	.....	.....	.....	.....	.....	8	15	92
Escarole	19	20	24	20	8	.....	.....	.....	.....	.....	10	17	118
Greens	231	189	186	201	106	36	14	23	43	72	145	265	1,511
Lettuce, iceberg	3,717	3,442	3,500	3,519	3,914	3,702	3,640	3,221	3,466	3,413	3,352	3,238	42,124
Lettuce, romaine	837	771	922	691	613	609	651	569	594	681	649	824	8,411
Lettuce, other	392	401	421	282	296	279	276	286	275	289	272	348	3,817
Mixed vegetables	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Okra	.....	.....	.....	3	9	.....	.....	.....	.....	2	9	3	26
Onions, dry	3,849	3,212	2,060	2,754	3,733	3,109	2,905	3,569	3,298	3,496	3,246	3,195	38,426
Onions, green	12	8	7	3	8	15	13	12	16	21	16	13	144
Parsley	15	14	12	13	11	2	.....	.....	.....	.....	3	10	80
Peas, other	43	46	56	34	23	19	15	26	14	13	14	24	327
Peppers, bell	485	333	401	544	839	874	642	299	308	629	705	592	6,651
Peppers, other	31	17	22	29	40	8	1	.....	.....	6	24	42	220
Potatoes, table	10,046	8,658	10,229	9,761	9,736	10,840	11,095	8,777	9,118	9,734	9,632	9,619	117,245
Potatoes, chipper	3,793	2,965	3,418	2,229	4,463	2,845	1,150	1,731	2,062	3,006	2,580	3,158	33,400
Potatoes, seed	1,225	990	3,033	7,213	4,258	238	4	3	26	142	267	295	17,694
Radishes	30	31	37	31	19	2	.....	.....	.....	.....	13	26	189
Spinach	92	82	61	17	10	16	15	5	7	8	14	45	372
Squash	68	55	64	153	102	46	38	47	33	55	113	109	883
Sweet potatoes	281	261	270	372	233	168	148	153	263	385	736	415	3,685
Tomatoes	1,555	937	1,218	1,730	2,289	2,088	1,577	2,250	1,946	2,147	2,211	2,359	22,307
Tomatoes, cherry	40	31	38	61	79	47	27	24	12	41	41	39	480
Turnips-rutabagas	1	3	3	1	.....	.....	.....	.....	.....	.....	2	1	11
Vegetables, other [1]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	31,921	27,021	31,699	36,663	39,270	32,427	26,828	25,329	25,843	28,783	29,257	30,022	365,063
Melons:													
Cantaloups	.....	.....	.....	.....	1,266	2,855	1,440	69	45	775	623	34	7,107
Honeydews	.....	.....	.....	.....	316	306	329	40	60	241	175	1	1,468
Mixed and miscellaneous	.....	.....	.....	.....	3	61	57	1	3	.....	.....	.....	125
Watermelons	.....	.....	.....	34	4,177	9,022	6,072	3,911	1,436	210	174	49	25,085
Total	.....	.....	.....	34	5,762	12,244	7,898	4,021	1,544	1,226	972	84	33,785
Grand total	31,921	27,021	31,699	36,697	45,032	44,671	34,726	29,350	27,387	30,009	30,229	30,106	398,848

[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, 1989–98 [1]

Year	Cabbage	Cucumbers	Tomatoes	Asparagus	Broccoli	Carrots	Head Lettuce	Leaf/romaine
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
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	9.5	5.3	16.4	.6	3.4	10.9	24.6	5.1
1994	9.4	5.4	16.4	.6	4.5	12.8	25.3	5.7
1995	8.4	5.7	17.1	.6	4.4	11.3	22.5	6.0
1996	8.6	6.0	17.7	.6	4.6	12.6	21.9	5.9
1997	9.4	6.5	17.1	0.7	5.1	14.4	26.7	6.7
1998	8.9	6.7	17.4	0.8	5.6	13.6	22.8	7.4

Year	Snap beans	Garlic	Cauliflower	Celery	Sweet Corn	Onions	Spinach	Bell peppers
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
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	2.1	7.3	7.0	17.3	0.7	6.2
1994	1.6	1.9	2.0	7.4	8.2	17.1	0.8	6.5
1995	1.7	1.9	1.7	6.9	7.9	18.0	0.7	6.3
1996	1.5	2.4	1.7	6.4	8.5	18.7	0.6	7.2
1997	1.4	2.1	1.8	6.1	8.4	19.1	1.1	6.6
1998	1.7	2.5	1.6	6.2	9.0	18.6	1.0	6.4

Year	Watermelon	Cantaloupe	Honeydew melons	Others [2]	Total vegetables and melons	Potatoes	Sweet potatoes
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
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	46.8	4.6
1991	12.8	8.7	1.9	2.1	134.3	50.4	4.0
1992	14.8	8.5	2.1	2.1	141.6	48.6	4.3
1993	14.3	8.7	1.7	1.9	146.3	50.63	3.9
1994	15.2	8.5	2.0	2.1	153.4	50.2	4.7
1995	15.4	9.1	1.9	1.9	149.3	49.9	4.5
1996	16.8	10.4	2.1	1.8	156.0	50.7	4.6
1997	15.8	10.7	2.3	2.0	164.0	48.5	4.5
1998	14.5	11.3	2.4	1.9	160.3	47.8	4.1

[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, canning: Per capita utilization (farm weight), United States, 1989–98

Year	Cabbage for kraut	Asparagus	Snap beans	Carrots	Green peas
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
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	3.6	1.7	1.6
1996	1.0	0.2	3.9	1.7	1.5
1997	1.5	0.2	3.7	1.5	1.5
1998 [1]	1.4	0.2	3.8	1.5	1.5

Year	Tomatoes	Corn	Pickles	Other [2]	Total [3]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
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	103.9
1995	75.6	10.5	5.2	7.2	107.1
1996	74.2	10.5	4.1	8.1	105.2
1997	73.9	9.3	5.3	8.1	105.0
1998 [1]	75.6	9.4	4.4	7.3	105.1

[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 4-67.—Vegetables, frozen: Commercial pack, United States, 1989–98

Commodity	1989	1990	1991	1992	1993
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Artichokes	1,542	1,326	1,273	1,142	733
Asparagus	19,741	17,737	13,595	16,525	14,522
Beans, butter	7,389	8,148	9,528	3,906	3,642
Beans, green, regular cut	237,853	221,768	221,306	187,377	203,333
Beans, green, French cut	73,682	85,994	62,437	49,704	69,478
Beans, green, wax	7,665	9,311	8,048	6,897	6,091
Beans, green, Italian	29,712	27,160	22,866	20,061	18,639
Beans, whole	31,641	34,938	33,634	42,622	33,811
Beans, baby lima	103,648	132,976	72,931	44,592	66,464
Beans, lima, Fordhook	17,086	12,777	17,058	15,129	13,322
Broccoli	290,566	258,755	174,470	168,518	165,183
Brussels sprouts	46,557	38,482	34,619	42,805	46,950
Carrots	358,848	328,781	318,001	371,232	403,174
Cauliflower	109,822	80,081	69,229	70,317	73,335
Celery	31,029	38,451	28,383	27,161	36,668
Collards	17,855	20,676	15,968	15,981	17,714
Corn, cut	502,980	518,330	553,499	548,749	473,105
Corn-on-cob	436,301	450,490	440,540	375,666	377,657
Kale	4,208	4,196	4,645	4,106	4,010
Mushrooms	35,084	24,909	26,143	26,536	21,535
Mustard greens	12,329	10,027	10,710	7,928	12,311
Okra	60,005	64,748	66,295	61,738	34,593
Onions	208,762	78,331	83,200	85,222	91,576
Peas, blackeye	33,500	30,414	27,277	27,195	25,582
Peas, green	469,404	482,910	488,467	465,375	391,943
Peppers, green and red	30,735	36,585	47,313	57,935	46,331
Potato products	5,998,312	6,358,968	6,498,915	6,798,442	7,252,774
Pumpkin and cooked squash	21,538	22,445	20,782	21,534	24,196
Rhubarb	8,730	9,116	7,458	6,426	10,081
Spinach	159,891	211,784	141,644	184,642	167,147
Squash, summer	74,716	69,631	49,448	58,184	57,366
Sweet potatoes and yams	26,380	19,772	12,370	19,456	16,234
Turnip greens	17,024	17,972	16,646	14,213	17,666
Turnip greens with turnips	24,563	19,603	19,005	18,290	23,776
Miscellaneous vegetables	11,399	16,378	16,877	14,964	15,164
Total	9,520,497	9,763,970	9,634,580	9,880,573	10,236,106

Commodity	1994	1995	1996	1997	1998
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
Artichokes	1,364	.....	.....	.....	.....
Asparagus	14,967	13,985	10,364	10,103	9,792
Beans, butter	7,491	7,664	4,577	5,170	7,298
Beans, green, regular cut	239,059	208,246	232,711	231,625	214,871
Beans, green, French cut	71,104	70,144	65,041	75,086	73,613
Beans, green, wax	9,144	7,120	7,592	7,324	8,927
Beans, green, Italian	25,197	17,267	17,711	18,364	18,531
Beans, whole	41,173	53,538	50,517	58,605	71,481
Beans, baby lima	95,695	101,295	85,053	97,598	101,757
Beans, lima, Fordhook	18,942	20,489	22,645	25,872	22,962
Broccoli	151,150	205,471	138,387	109,013	144,361
Brussels sprouts	34,393	25,519	30,154	26,436	33,062
Carrots	412,709	418,816	397,967	409,044	388,094
Cauliflower	66,878	64,207	48,541	44,590	44,607
Celery	34,334	32,279	40,343	32,985	29,001
Collards	20,871	17,647	17,709	22,244	26,915
Corn, cut	686,140	694,110	646,389	736,545	753,429
Corn-on-cob	492,522	414,662	383,840	464,942	435,271
Kale	3,212	3,664	2,671	4,213	2,936
Mushrooms	27,200	26,778	23,219	22,537	20,415
Mustard greens	9,987	10,302	11,294	13,139	10,349
Okra	65,114	64,810	60,847	57,725	85,762
Onions	100,138	99,639	111,021	115,980	122,289
Peas, blackeye	33,427	29,352	22,901	25,363	27,684
Peas, green	499,744	505,350	369,390	468,074	491,377
Peppers, green and red	42,787	54,155	44,858	40,746	42,599
Potato products	7,934,849	8,364,909	8,419,203	8,381,370	8,723,707
Pumpkin and cooked squash	27,356	28,097	20,058	24,570	19,329
Rhubarb	7,525	8,228	6,910	7,505	6,558
Spinach	204,495	185,640	182,999	198,715	190,028
Squash, summer	58,050	54,957	42,387	46,579	42,976
Sweet potatoes and yams [1]	19,506	14,127	14,532	20,992	.....
Turnip greens	19,834	18,203	19,112	20,490	21,719
Turnip greens with turnips	21,998	17,041	19,568	25,119	19,485
Miscellaneous vegetables	38,575	41,004	36,715	46,363	42,849
Total	11,536,930	11,898,715	11,607,226	11,895,026	12,253,884

[1] Included with miscellaneous vegetables.

ERS, Specialty Crops Branch, (202) 694–5253. Data from American Frozen Food Institute.

Table 4-68.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1998

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*
Asparagus	...	...	9,792	...	...	9,972
Beans, butter	7,298	...	...	...	...	7,298
Beans, green, regular cut	65,181	80,367	69,323	...	...	214,871
Beans, green, French cut	24,197	14,174	35,242	...	...	73,613
Beans, wax	...	...	8,927	...	...	8,927
Beans, green, Italian	...	...	6,670	11,861	...	18,531
Beans, whole	...	...	8,927	...	...	8,927
Beans, baby lima	...	...	36,342	29,291	36,124	101,757
Beans, lima, Fordhook	...	...	22,962	...	...	22,962
Broccoli	...	...	144,361	...	...	144,361
Brussels sprouts	...	...	33,062	...	...	33,062
Carrots	147,574	50,564	289,956	...	...	388,094
Cauliflower	...	...	44,607	...	...	44,607
Celery	...	...	...	...	...	29,001
Collards	...	...	...	...	...	26,915
Corn, cut	106,055	162,139	485,085	...	...	753,279
Corn-on-cob	...	143,725	291,546	...	...	435,271
Kale	...	...	...	...	...	2,936
Mustard greens	...	...	...	...	...	10,349
Okra	...	...	...	...	...	85,762
Onions [11]	...	...	...	...	...	122,289
Peas, blackeye	...	...	...	...	...	27,684
Peas, green	...	...	...	...	...	491,377
Peppers, green and red	175,214	...	25,075	...	...	42,599
Potato products	...	...	...	...	...	8,723,707
Pumpkins and cooked squash	...	19,329	...	...	...	19,329
Rhubarb	...	...	6,558	...	...	6,558
Spinach	100,909	...	...	...	89,119	190,028
Squash, summer	...	...	...	...	...	42,976
Sweet potatoes and yams	20,992	...	...	...	...	20,992
Turnip greens	...	...	...	...	...	21,719
Turnip greens with turnips	...	...	...	...	...	19,485
Mushrooms	...	...	...	...	...	20,415
Miscellaneous vegetables	...	...	...	...	...	42,849

[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 4-69.—Vegetables, freezing: Per capita utilization consumption (farm weight basis), United States, 1989–98

Year	Leafy, green, and yellow vegetables				
	Asparagus	Snap beans	Carrots	Peas	Broccoli
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1989	0.1	2.0	2.5	2.0	2.2
1990	0.1	1.9	2.3	2.2	2.2
1991	0.1	1.8	2.4	2.3	2.3
1992	0.1	1.7	2.3	2.0	2.4
1993	0.1	1.8	2.8	1.9	2.3
1994	0.1	2.0	2.8	2.2	2.3
1995	0.1	1.7	2.6	2.1	2.6
1996	0.1	1.9	2.9	1.9	2.6
1997	0.1	1.8	2.6	2.1	2.3
1998 [1]	0.1	2.0	2.8	1.9	2.1

Year	Cauliflower	Sweet Corn	Other [2]	Total vegetables excluding potatoes	Potato products	Grand total
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
1989	0.8	8.4	2.8	20.8	46.8	67.6
1990	0.8	8.6	2.2	20.3	46.5	66.8
1991	0.6	9.4	2.6	21.5	51.2	72.7
1992	0.7	9.0	2.4	20.6	50.2	70.8
1993	0.7	9.8	2.8	22.2	53.9	76.1
1994	0.6	9.2	2.9	22.1	56.3	78.4
1995	0.6	10.5	2.8	23.0	56.9	79.9
1996	0.5	10.5	3.1	23.5	61.2	84.7
1997	0.4	10.2	2.9	22.4	59.3	81.7
1998 [1]	0.8	10.0	2.9	22.6	59.6	82.2

[1] Preliminary. [2] Includes green lima beans, spinach, and miscellaneous freezing vegetables.

ERS, Specialty Crops Branch, (202) 694–5253.

Table 4-70.—Commercially produced vegetables: Per capita utilization, United States, 1989–98 [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*
1989	262.1	142.6	119.5	98.7	20.8	54.4	45.6	37.7	7.9
1990	267.0	138.5	128.5	108.2	20.3	51.9	48.1	40.5	7.6
1991	266.6	134.3	132.3	110.8	21.5	50.4	49.6	41.5	8.1
1992	271.1	141.6	129.5	108.8	20.7	52.2	47.8	40.2	7.6
1993	278.1	146.3	131.8	109.6	22.2	52.6	47.4	39.4	8.0
1994	284.1	153.4	130.7	108.6	22.1	54.0	46.0	38.2	7.8
1995	279.5	149.3	130.2	107.2	23.0	53.4	46.6	38.4	8.2
1996	285.0	156.0	129.0	105.5	23.5	54.7	45.3	37.1	8.2
1997	290.7	164.0	126.7	104.3	22.4	56.4	43.6	35.9	7.7
1998	288.3	160.3	128.0	105.4	22.6	55.6	44.4	36.6	7.8

[1] Excludes potatoes, sweet potatoes, pulses, dehydrating onions, and mushrooms. [2] See table 4-64 for items included. Includes melons. [3] See table 4-65 for items included.

ERS, Market and Trade Economics Division, Specialty Crops Branch, (202)694–5253.

Table 4-71.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1998 and 1999

Month	Asparagus		Green beans, regular cut		Green beans, French cut		Green beans, total	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	5,692	5,130	179,474	154,756	31,659	35,654	211,133	190,410
February	5,359	3,852	140,751	133,250	31,890	39,701	172,641	172,951
March	4,412	3,310	115,761	120,682	26,586	38,735	142,347	159,417
April	4,432	3,046	102,523	91,479	21,925	27,867	124,448	119,346
May	10,201	8,122	83,897	73,668	20,012	31,196	103,909	104,864
June	11,766	15,712	72,493	61,831	18,773	20,694	91,266	82,525
July	11,154	18,071	133,939	111,933	33,017	27,910	166,956	139,843
August	9,957	17,005	208,884	184,762	44,667	38,607	253,551	223,369
September ..	8,630	16,049	234,523	216,690	51,520	44,215	286,043	260,905
October	7,668	15,083	228,099	196,364	48,408	41,629	276,507	237,993
November ...	6,319	13,962	202,372	172,979	45,728	38,146	248,100	211,125
December ...	6,162	12,076	172,372	150,310	41,028	36,080	213,400	186,390

Month	Broccoli spears		Broccoli, chopped & cut		Broccoli, total		Brussels sprouts	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	23,527	33,571	91,980	85,540	115,507	119,111	17,418	20,460
February	27,949	38,535	92,864	105,519	120,813	144,054	14,975	19,443
March	27,313	43,389	87,159	122,520	114,472	165,909	13,481	16,086
April	25,881	45,509	86,550	144,094	112,431	189,603	9,926	17,574
May	23,974	44,839	91,704	135,920	115,678	180,759	8,664	15,139
June	23,296	49,485	84,374	139,675	107,670	189,160	7,485	15,145
July	22,890	52,559	87,638	150,122	110,528	202,681	6,130	13,306
August	21,730	50,908	85,192	142,707	106,922	193,615	4,562	10,232
September ..	19,444	46,735	84,463	134,059	103,907	180,794	3,702	9,075
October	19,959	38,622	80,138	130,965	100,097	169,587	7,150	13,118
November ...	22,391	36,182	84,492	124,436	106,883	160,618	12,935	20,380
December ...	24,442	34,354	89,310	123,021	113,752	157,375	18,745	25,649

Month	Fordhook lima beans		Baby lima beans		Mixed vegetables		Okra	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	15,327	8,984	49,950	57,018	47,856	51,200	46,051	38,920
February	13,916	8,108	42,980	51,730	48,530	51,657	42,422	33,001
March	12,560	6,829	40,949	48,754	48,493	48,771	33,457	25,008
April	11,498	6,367	36,632	42,307	51,951	51,251	26,410	22,738
May	10,886	6,012	32,177	38,862	55,943	48,036	29,954	38,322
June	9,520	4,924	28,139	33,466	49,375	46,699	58,463	51,951
July	7,572	6,048	24,652	29,828	52,960	48,651	71,015	57,424
August	13,373	8,530	31,074	31,197	47,541	47,910	70,342	62,888
September ..	19,359	14,746	57,091	57,236	47,287	50,863	67,623	61,690
October	19,290	14,935	77,469	71,374	49,682	51,834	64,033	54,499
November ...	16,727	15,413	76,347	64,507	45,778	52,358	55,588	50,480
December ...	12,049	15,302	63,420	56,691	53,020	51,537	46,567	39,837

Month	Carrots, diced		Carrots, other		Carrots, total		Cauliflower	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	74,958	67,736	197,572	162,291	272,530	230,027	63,652	51,916
February	60,074	69,165	183,418	162,038	243,492	231,203	61,256	49,641
March	56,576	58,225	166,742	147,903	223,318	206,128	56,572	49,511
April	53,771	61,712	145,766	137,193	199,537	198,905	46 ,885	41,664
May	49,173	54,361	136,029	124,530	185,202	178,891	43,829	38,802
June	38,257	46,993	123,306	115,576	161,563	162,569	36,859	32,894
July	28,769	44,520	120,687	113,375	149,456	157,895	31,886	29,224
August	26,609	37,518	127,370	118,538	153,979	156,056	31,565	30,608
September ..	27,559	37,333	127,683	144,463	155,242	181,796	31,203	33,861
October	64,772	63,267	179,064	209,379	243,836	272,646	39,952	45,986
November ...	82,443	99,385	196,460	226,603	278,903	325,988	43,110	56,505
December ...	73,555	94,465	183,068	212,732	256,623	307,197	50,298	57,812

See end of table.

Table 4-71.—Frozen Vegetables and potato products: Cold storage holdings, end of month, United States, 1998 and 1999—Continued

Month	Corn, cut		Corn, cob		Corn, total		Onion rings	
	1998	1999	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 po unds*	*1,000 pounds*
January	334,780	358,368	247,305	242,193	582,085	600,561	9,695	14,571
February	278,790	309,034	214,298	214,925	493,088	523,959	10,463	16,309
March	229,473	259,811	188,410	189,508	417,883	449,319	12,840	15,234
April	193,786	210,709	165,354	157,387	359,140	368,096	11,816	14,528
May	163,207	181,484	128,936	131,303	292,143	312,787	11,667	15,392
June	130,729	147,339	98,036	108,050	228,765	255,389	11,419	13,397
July	154,057	140,420	90,751	98,635	244,808	239,055	11,845	13,838
August	306,205	239,631	167,416	154,364	473,621	393,995	13,182	14,003
September	484,877	389,471	332,208	255,214	817,085	644,685	15,972	14,207
October	502,563	424,832	326,682	294,642	829,245	719,474	17,477	18,482
November	452,746	370,531	296,191	286,753	748,937	657,284	17,544	18,619
December	403,737	330,204	269,578	255,662	673,315	585,866	15,752	17,026

Month	Onions, other		Blackeye peas		Green peas		Peas & carrots mixed	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	28,724	24,665	9,054	6,840	190,227	247,113	5,859	8,286
February	27,710	27,280	9,281	6,693	163,000	219,477	7,087	8,961
March	24,428	27,972	7,963	5,934	132,726	180,980	6,003	9,554
April	23,443	33,113	7,840	5,996	109,885	151,264	6,514	10,084
May	22,787	35,809	7,175	5,562	96,482	130,427	7,102	10,602
June	22,179	35,605	6,654	5,598	230,233	226,888	7,154	10,062
July	21,468	33,171	6,069	4,297	379,957	350,191	7,400	9,827
August	18,755	31,675	8,786	6,527	406,024	394,806	7,456	9,702
September	24,553	31,338	9,629	7,479	387,101	376,230	7,775	9,620
October	27,070	35,573	9,511	6,769	341,715	344,805	9,001	10,024
November	25,965	41,677	9,106	6,851	309,940	304,127	8,340	9,401
December	24,596	41,236	8,039	6,517	277,858	276,154	10,285	11,314

Month	Spinach		Squash		Southern greens		Other vegetables	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	68,450	77,258	70,645	63,781	26,547	31,578	242,399	289,252
February	64,007	81,505	65,599	58,718	27,659	37,242	241,211	256,068
March	69,470	105,346	61,541	53,341	29,322	39,661	249,623	238,942
April	91,197	154,049	60,918	52,283	28,392	38,377	245,221	231,394
May	100,620	161,468	58,688	48,898	28,878	42,229	233,657	225,604
June	98,813	142,617	64,966	49,942	30,184	39,455	251,391	243,759
July	90,864	131,132	68,411	56,249	27,975	25,962	267,904	257,931
August	74,491	113,007	78,207	63,528	22,745	19,936	293,211	304,189
September	63,463	99,790	72,794	63,957	17,932	16,888	297,576	309,624
October	69,712	84,424	80,634	63,861	19,606	21,967	297,805	325,418
November	68,013	85,493	75,914	60,301	28,255	30,401	304,447	298,300
December	69,232	73,349	70,272	58,254	32,765	26,944	301,595	272,866

Month	Total vegetables		French fries		Other frozen potatoes		Total frozen potatoes	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	2,078,801	2,137,081	948,225	959,167	198,990	260,483	1,147,215	1,219,650
February	1,875,489	2,001,852	1,018,665	1,005,100	217,058	267,800	1,235,723	1,272,900
March	1,701,860	1,856,006	1,039,292	1,014,544	238,992	264,233	1,278,284	1,278,777
April	1,568,516	1,751,985	970,306	976,576	254,786	259,636	1,225,092	1,236,212
May	1,455,642	1,646,587	1,012,022	980,718	270,801	274,803	1,282,823	1,255,521
June	1,513,864	1,657,757	1,036,189	965,960	280,261	268,166	1,316,450	1,234,126
July	1,759,010	1,824,624	967,452	900,347	267,268	241,931	1,234,720	1,142,278
August	2,119,344	2,132,778	938,463	928,193	265,998	241,619	1,204,461	1,169,812
September	2,493,967	2,440,833	1,010,381	1,002,245	256,463	233,301	1,266,844	1,235,546
October	2,587,460	2,577,852	1,076,256	1,073,381	264,713	234,450	1,340,969	1,307,831
November	2,487,151	2,483,790	1,030,985	1,019,535	259,495	234,996	1,290,480	1,254,531
December	2,317,745	2,279,392	897,256	945,637	254,038	219,752	1,151,294	1,165,389

NASS, Livestock Branch, (202) 720–8784.

Table 4-72.—Watermelon for fresh market: Area, production, and value per hundredweight, by States, 1997–99

State	Area harvested			Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
AL	5,000	3,700	5,200	425	370	343	6.10	7.20	6.60
AZ	7,200	7,600	7,500	2,232	2,280	3,188	7.80	8.00	5.60
AR	2,700	2,200	2,400	405	319	276	5.00	6.50	7.50
CA	17,000	15,000	14,700	7,820	6,750	6,321	10.90	12.30	9.90
DE	2,300	2,100	2,500	874	840	1,075	5.20	8.50	9.00
FL	30,000	32,000	35,000	7,500	7,200	10,500	7.30	8.35	6.90
GA	25,000	23,000	25,000	5,250	5,060	4,875	5.50	5.00	5.00
IN	6,600	6,200	6,500	1,914	1,829	1,690	5.90	7.10	6.60
LA	2,100	2,000	2,300	294	220	230	7.00	6.20	6.70
MD	2,800	2,800	2,700	840	596	594	8.00	8.00	11.00
MS	4,000	3,400	3,200	240	207	208	6.10	6.26	5.80
MO	4,700	4,900	5,300	1,128	1,152	1,272	4.90	5.30	3.50
NC	8,500	9,000	8,900	1,275	1,440	1,291	5.50	5.70	5.20
OK	8,000	7,500	7,500	800	705	675	6.50	7.20	7.30
SC	9,200	8,800	9,500	1,380	1,320	1,235	6.50	6.00	6.70
TX	43,400	38,400	37,200	7,378	6,528	7,440	7.92	5.46	3.98
Total	178,500	168,600	175,400	39,755	36,816	41,213	7.60	7.66	6.45
HI	800	790	560	168	158	112	18.00	21.00	21.00
US	179,300	169,390	175,960	39,923	36,974	41,325	7.64	7.71	6.49

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

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, 1990–99

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*
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	946.7	1,738.2	290.9	700.5	3,677.0
1994	977.8	1,756.6	288.1	725.6	3,748.4
1995	1,054.0	1,762.8	289.1	718.6	3,825.6
1996	1,104.5	1,796.1	287.8	732.1	3,919.2
1997	1,152.5	1,810.9	292.2	748.6	4,004.2
1998	1,125.3	1,833.4	295.6	767.6	4,021.9
1999 [5]	1,111.5	1,850.0	231.5	789.1	3,982.1

[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, kiwifruit, olives, papayas, pineapples, and strawberries. [4] Almonds, hazelnuts, macadamia nuts, pistachios, and walnuts. [5] Preliminary. Avocados and guavas not included.

NASS, Crops Branch, (202) 720–2127.

Table 5-2.—Fruits: Production in tons, United States, 1990–99 [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*
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	5,343	1,322	948	6,023	339	588	97	61	122
1994	5,751	1,255	1,046	5,873	359	879	153	57	84
1995	5,289	1,145	948	5,922	363	744	61	52	78
1996	5,191	1,052	821	5,554	290	952	79	46	166
1997	5,162	1,312	1,043	7,291	372	899	139	58	104
1998 [3]	5,824	1,201	955	5,820	386	543	119	51	90
1999 [3]	5,371	1,261	982	6,169	352	773	91	45	145

Year	Oranges [4]	Tangerines [4]	Grapefruit [4 5]	Lemons [4]	K-Early Citrus [4]	Limes [4]	Tangelos [4]	Temples [4]	Strawberries, commercial crop	Pineapples [7]
	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*
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	723	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	804	345
1996	11,426	349	2,718	992	7	14	110	97	813	347
1997	12,692	425	2,885	962	7	14	178	108	814	324
1998 [3]	13,670	360	2,593	897	2	19	128	101	820	332
1999 [3]	9,886	327	2,520	747	4	22	115	81	907	352

Year	Avocados [6]	Nectarines	Cranberries	Bananas [7]	Kiwifruit	Dates	Papayas [7]	Berries	Guavas	Total [8]
	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*
1990	156	232	170	6	39	24	34	NA	12	26,605
1991	185	215	211	6	30	22	28	NA	11	27,172
1992	292	236	208	6	52	21	36	128	7	29,769
1993	144	205	196	6	49	29	32	149	8	32,028
1994	175	242	234	7	39	23	31	140	9	32,099
1995	190	176	210	7	38	23	25	148	8	32,375
1996	191	247	234	7	32	23	21	119	8	31,906
1997	178	264	275	7	35	21	19	162	8	35,758
1998 [3]	156	224	272	11	37	25	20	149	7	34,812
1999 [3]	NA	276	320	13	25	22	21	168	NA	30,995

[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] Excludes economic abandanment in 1996 of 127,500 tons; in 1997 of 255,000 tons; and in 1998 of 255,000 tons. [6] Year of bloom. [7] Utilized production only. [8] For 1999, Total does not include avocado and guava production. NA-not available.

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Table 5-3.—Apples, commercial crop:[1] Production and season average price per pound, by States, 1997–99

State	Total production			Utilized production			Price[3] for crop of—		
	1997	1998	1999[2]	1997	1998	1999[2]	1997	1998	1999[2]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Dollars*	*Dollars*	*Dollars*
AZ	45.0	46.0	34.3	44.1	45.0	32.0	0.107	0.148	0.129
AR	7.2	4.5	5.4	7.1	3.6	4.2	0.289	0.227	0.238
CA	962.0	860.0	825.0	962.0	860.0	825.0	0.169	0.159	0.187
CO	35.0	65.0	8.0	34.0	59.0	8.0	0.151	0.119	0.220
CT	24.0	17.5	23.5	23.0	17.0	22.5	0.312	0.348	0.356
GA	15.0	11.0	12.0	14.0	8.0	11.0	0.137	0.161	0.174
ID	110.0	155.0	70.0	110.0	115.0	70.0	0.139	0.085	0.104
IL	74.0	45.0	70.0	67.0	35.0	54.0	0.196	0.186	0.177
IN	50.0	54.0	63.5	48.0	50.0	58.0	0.218	0.243	0.231
IA	13.0	8.7	11.0	7.5	8.1	10.2	0.286	0.286	0.163
KS	7.5	1.6	7.2	6.4	0.9	4.5	0.185	0.256	0.224
KY	6.5	11.0	9.0	5.8	9.0	7.0	0.261	0.284	0.293
ME	64.0	44.5	69.0	62.0	43.0	60.0	0.193	0.230	0.240
MD	46.0	34.6	39.3	44.5	34.0	38.0	0.200	0.178	0.107
MA	60.0	30.0	62.0	58.5	27.5	55.0	0.258	0.321	0.307
MI	1,000.0	1,000.0	1,250.0	1,000.0	960.0	1,200.0	0.098	0.087	0.095
MN	22.0	23.8	24.9	17.5	18.7	19.3	0.443	0.444	0.413
MO	53.0	34.0	49.0	50.5	29.0	46.0	0.189	0.172	0.187
NH	40.5	19.0	47.5	40.0	19.0	45.0	0.210	0.283	0.246
NJ	55.0	55.0	55.0	55.0	54.0	55.0	0.132	0.122	0.153
NM	7.0	8.0	2.0	7.0	8.0	2.0	0.339	0.210	0.250
NY	1,120.0	1,070.0	1,260.0	1,120.0	960.0	1,230.0	0.126	0.114	0.112
NC	152.0	185.0	180.0	150.0	135.0	165.0	0.110	0.111	0.144
OH	60.0	80.0	100.0	60.0	75.0	91.0	0.221	0.205	0.243
OR	160.0	180.0	160.0	160.0	143.0	160.0	0.238	0.142	0.089
PA	535.0	395.0	505.0	525.0	388.0	505.0	0.133	0.139	0.116
RI	3.6	2.6	3.3	3.4	2.2	2.8	0.267	0.315	0.333
SC	60.0	45.0	32.0	56.0	42.0	30.0	0.122	0.197	0.137
TN	10.0	12.5	9.5	8.5	9.0	8.0	0.238	0.222	0.217
UT	42.0	49.0	12.0	41.0	31.0	12.0	0.165	0.145	0.250
VT	50.0	35.0	59.5	49.0	33.5	52.0	0.187	0.222	0.248
VA	270.0	280.0	360.0	262.0	269.0	350.0	0.106	0.117	0.125
WA	5,000.0	6,600.0	5,100.0	5,000.0	6,100.0	5,100.0	0.164	0.115	0.184
WV	115.0	110.0	145.0	110.0	107.0	130.0	0.103	0.091	0.091
WI	49.5	76.1	77.4	45.5	62.0	56.6	0.294	0.278	0.288
US	10,323.8	11,648.4	10,741.3	10,254.3	10,760.5	10,519.1	0.154	0.123	0.160

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-4.—Apples: Production and value, United States, 1990–99

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*
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	10,685.1	10,574.3	12.9	1,363,820
1994	11,500.9	11,332.8	12.9	1,467,282
1995	10,578.4	10,383.9	17.0	1,767,001
1996	10,381.9	10,330.0	15.9	1,641,462
1997	10,323.8	10,254.3	15.4	1,575,403
1998[3]	11,648.4	10,760.5	12.3	1,322,319
1999[3]	10,741.3	10,519.1	16.0	1,678,891

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-5.—Apples, fresh (dessert and cooking): Production in specified countries, 1997/98–1999/2000 [1]

Continent and country	1997/98	1998/99	1999/2000 [2]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	503.0	523.4	515.0
Mexico	629.3	375.0	500.0
United States	4,682.8	5,165.2	4,791.2
Total	5,815.1	6,063.6	5,806.2
South America:			
Argentina	1,201.6	1,274.7	NA
Chile	970.0	1,010.0	NA
Total	2,171.6	2,284.7	NA
European Union:			
Austria [2]	454.4	442.3	395.3
Belgium and Luxembourg	373.2	420.7	477.5
Denmark	71.0	64.0	67.0
France	2,027.0	1,793.9	2,080.0
Germany	1,465.0	2,077.0	1,837.0
Greece	292.4	305.5	320.0
Italy	2,014.0	2,243.0	2,293.0
Netherlands	470.0	507.0	575.0
Spain	880.0	700.0	819.0
Sweden [2]	72.2	65.8	69.4
United Kingdom	112.8	174.0	186.5
Total EC	8,232.0	8,793.2	9,119.7
Other Europe:			
Bulgaria	160.0	150.0	170.0
Hungary	500.0	450.0	420.0
Norway	40.8	42.6	43.5
Russia	1,413.9	1,249.4	940.0
Turkey	2,550.0	2,450.0	2,500.0
Total	4,664.7	4,342.0	4,073.5
Total Europe	12,896.7	13,135.2	13,193.2
Africa:			
South Africa, Rep	670.8	660.0	NA
Total	670.8	660.0	NA
Asia:			
China	17,219.0	19,481.0	20,844.0
Japan	993.1	879.1	941.4
Taiwan	9.2	9.8	10.2
Total	18,221.3	20,369.9	21795.6
Oceania:			
Australia	308.9	300.0	NA
New Zealand	479.7	535.7	NA
Total	788.6	835.7	NA
Total specified countries	.....		

[1] May include some cider varieties in countries not reporting separately. [2] Austria and Sweden are now members of the European Union. NA - not available.

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, 1990–99

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*
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	10,685.1	10,574.3	6,124.6	1,334.8	366.4	281.5	2,467.0
1994	11,500.9	11,332.8	6,368.8	1,405.7	414.6	304.4	2,839.3
1995	10,578.4	10,383.9	5,840.2	1,291.0	333.7	304.9	2,614.1
1996	10,381.9	10,330.0	6,206.9	1,294.2	316.6	267.8	2,244.5
1997	10,323.8	10,254.3	5,814.5	1,498.8	267.0	349.0	2,325.0
1998 [4]	11,648.4	10,760.5	6,411.1	1,166.8	329.9	402.0	2,450.7
1999 [4]	10,741.3	10,519.1	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): 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.

NASS, Crops Branch, (202) 720–2127.

Table 5-7.—Apples, commercial crop: Production and utilization, by States, crop of 1998

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	860.0	860.0	400.0	13.0	.....	.....	.....	.....
MI	1,000.0	960.0	320.0	230.0	.....	.....	197.0	.....
NY	1,070.0	960.0	420.0	292.0	.....	100.0	300.0	10.0
OR	180.0	143.0	89.0	.....	.....	68.0	170.0	4.0
PA	395.0	388.0	151.0	181.0	.....	.....	35.0	.....
VA	280.0	269.0	100.0	109.0	.....	.....	47.0	.....
WA	6,600.0	6,100.0	4,300.0	170.0	.....	.....	53.0	.....
WV	110.0	107.0	17.0	.....	.....	.....	1,330.0	.....
Other States [3]	1,153.4	973.5	614.1	171.8	.....	234.0	229.6	75.1
US	11,648.4	10,760.5	6,411.1	1,166.8	329.9	402.0	2,361.6	89.1

[1] Includes "Home use." [2] Mostly vinegar, wine, and fresh silices for pie making. [3] AZ, AR, CO, CT, 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, 1996/97–1998/99

Country	Year beginning July		
	1996/97	1997/98	1998/99
Exports	*Metric tons*	*Metric tons*	*Metric tons*
Europe:			
Finland	4,409	2,866	2,189
France	19	33	0
Iceland	1,635	1,769	1,794
Ireland	1,454	964	511
Netherlands	769	641	1,948
Norway	924	779	1,060
Sweden	5,057	2,155	4,761
United Kingdom	23,152	21,019	30,042
Other countries	10,592	11,747	17,051
Total	48,011	41,973	59,356
Latin America:			
Brazil	16,009	4,315	4,722
Colombia	7,982	8,073	7,828
Costa Rica	5,702	6,931	6,502
El Salvador	328	1,462	3,097
Guatemala	6,665	7,228	7,045
Nicaragua	503	552	550
Mexico	89,659	63,028	119,528
Honduras	1,504	1,809	3,240
Panama	3,232	3,549	2,972
Ecuador	2,213	3,464	1,278
Venezuela	7,330	17,270	19,028
Other countries	4,742	2,255	1,603
Total	145,869	119,936	177,393
Bermuda and Caribbean:			
Bahamas	43	376	171
Barbados	147	450	734
Bermuda	88	54	3
Dominican Republic	5,010	4,679	5,830
French West Indies	213	382	535
Haiti	522	1,076	973
Leeward and Windward Islands	33	151	253
Netherlands Antilles	268	298	110
Trinidad and Tobago	929	1,085	900
Other countries	173	188	236
Total	7,426	8,739	9,745
Asia:			
Taiwan	119,711	112,708	113,410
Hong Kong	45,932	47,488	44,101
Indonesia	61,667	31,368	18,632
Malaysia	25,739	13,483	14,918
Japan	877	514	1,306
Philippines	25,765	15,840	19,673
Singapore	12,320	6,497	10,473
Thailand	27,686	14,137	12,491
Other countries	6,147	4,766	7,234
Total	325,844	246,801	242,238
Other countries:			
Canada	90,464	96,311	92,202
French Pacific Islands	467	233	314
Kuwait	3,440	2,988	2,570
New Zealand	120	96	90
Saudi Arabia	19,483	22,521	42,097
United Arab Emirates	17,411	21,811	26,653
Other countries	8,322	7,876	15,947
Total	139,707	151,836	179,873
Grand total	666,857	569,285	668,605
Imports			
Canada	73,042	57,278	38,730
Chile	25,747	35,077	43,878
New Zealand	54,123	51,577	49,122
South Africa	10,689	21,727	12,538
Other countries	2,495	1,555	5,386
Total	166,096	167,214	149,654

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, 1988–97

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*
1988	132,988	254,478	11,984	1993	130,938	662,906	19,224
1989	119,732	357,442	23,688	1994	171,695	663,054	25,120
1990	121,996	371,309	55,512	1995	196,067	564,953	24,624
1991	143,926	530,073	44,192	1996	197,340	689,749	20,368
1992	139,271	487,817	22,080	1997	173,564	539,081	18,040

[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, 1990–99[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*
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	139,230	129,630	332.00	43,072
1993	97,350	97,340	398.00	38,694	1998	118,500	108,080	327.00	35,358
1994	153,200	140,180	349.00	48,883	1999[3]	90,800	90,800	390.00	35,395

[1] Production, price, and value for CA, UT, and WA. [2] Fresh fruit prices are equivalent packinghouse-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, 1997–99

State	Total production			Utilized production			Price per ton[2]		
	1997	1998	1999[1]	1997	1998	1999[1]	1997	1998	1999[1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
CA	132,000	113,000	85,000	122,400	102,600	85,000	308.00	311.00	361.00
UT[3]	130	200	.....	130	180	.....	492.00	728.00	.....
WA	7,100	5,300	5,800	7,100	5,300	5,800	751.00	629.00	809.00
Total	139,230	118,500	90,800	129,630	108,080	90,800	332.00	327.00	390.00

[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. [3] No significant commercial production in 1999 due to freeze damage.

NASS, Crops Branch, (202) 720–2127.

Table 5-12.—Apricots: Production and utilization, United States,[1] 1990–99

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh[2]	Processed[3]		
				Canned[4]	Dried (fresh basis)	Frozen
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
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	16,400	19,200	9,600	5,700
1996	79,300	79,290	13,490	20,000	15,000	9,000
1997	139,230	129,630	26,830	46,700	12,000	15,100
1998	118,500	108,080	22,880	40,700	9,000	10,400
1999[5 6]	90,800	90,800	25,800	.....	.....	.....

[1] CA, UT, and WA. [2] Includes "Home use." [3] CA only. [4] Includes some quantities frozen or otherwise processed. [5] Preliminary. [6] Breakdown of processed utilization for 1999 unpublished to avoid disclosure of individual operations.

NASS, Crops Branch, (202) 720–2127.

Table 5-13.—Apricots: Production and utilization, by States, crop of 1999 (preliminary)

State	Total production	Utilized production	Utilization			
			Fresh	Processed[1]		
				Canned[2]	Dried (fresh basis)	Frozen
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
CA[3]	85,000	85,000	.....	.....	.....	.....
UT[3]	.....	.....	.....	.....	.....	.....
WA[3]	5,800	5,800	.....	.....	.....	.....
US	90,800	90,800	25,800	.....	.....	.....

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-14.—Apricots: Foreign trade, United States, 1988–97

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*
1988	3,447	884	774	366	9,941
1989	4,836	1,008	1,311	379	14,246
1990	4,894	1,519	1,207	421	14,351
1991	4,795	1,763	1,362	414	15,188
1992	5,167	1,269	1,214	428	14,517
1993	7,650	760	1,188	488	16,810
1994	4,031	1,450	1,105	569	13,673
1995	3,492	1,338	1,376	519	14,191
1996	6,604	1,086	1,034	396	14,733
1997	6,980	968	927	428	14,639

[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, 1989–90 to 1998–99

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*
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	1,480	229,894	20,000	616	12,320	175,000	1,384	242,214
1995–96	171,000	1,370	234,831	19,000	596	11,324	190,000	1,296	246,155
1996–97	167,000	1,560	260,162	23,500	528	12,408	190,500	1,431	272,570
1997–98	154,000	1,710	263,473	24,000	584	14,016	178,000	1,559	277,489
1998–99 [4]	133,000	2,370	315,210	23,000	716	16,468	156,000	2,126	331,678

[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, 1988–97

Year beginning October	Imports	Year beginning October	Imports
	Metric tons		*Metric tons*
1988	4,523	1993	14,213
1989	8,865	1994	18,871
1990	11,214	1995	23,118
1991	22,816	1996	27,667
1992	18,466	1997	39,847

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-17.—Bananas: Area, yield, utilized production, marketing year average price, and value, Hawaii, 1990–99

Year	Area harvested	Yield per acre	Production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1990	930	12.2	11,300	38.0	4,294
1991	890	12.8	11,400	41.0	4,674
1992	870	13.8	12,000	41.0	4,920
1993	830	14.1	11,700	38.0	4,446
1994	880	15.6	13,700	37.0	5,069
1995	880	14.8	13,000	40.0	5,200
1996	960	13.5	13,000	40.0	5,200
1997	950	14.4	13,700	38.0	5,206
1998 [1]	1,420	14.8	21,000	35.0	7,350
1999 [1]	1,550	16.1	25,000	34.0	8,500

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-18.—Kiwifruit: Area, yield, utilized production, marketing year average price, and value, California, 1990–99

Year	Bearing acreage	Yield [1]	Production	Price per ton	Value
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1990	7,300	5.34	34,000	415	14,110
1991	7,300	4.05	26,800	820	21,976
1992	7,300	7.16	47,700	290	13,833
1993	6,900	7.13	44,600	370	16,502
1994	6,500	6.06	37,500	491	18,413
1995	6,100	6.20	33,600	459	15,434
1996	5,700	5.53	28,000	470	13,157
1997	5,300	6.60	31,800	518	16,483
1998	5,300	6.91	33,000	744	24,544
1999	5,300	4.72	22,700	NA	NA

[1] Yield based on total production.

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

Table 5-19.—Cherries: Production and value, United States, 1990–99

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*
1990	261,130	233,800	155,004	156,730	132,350	894.00	118,319	208.8	202.9	18.1	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	338,550	297,195	223,775	168,350	160,395	1,190.00	190,630	340.4	273.6	12.1	33,145
1994	359,200	340,870	248,610	207,100	192,720	1,040.00	200,224	304.2	296.3	16.3	48,386
1995	363,100	308,480	211,524	165,300	152,880	1,260.00	193,068	395.6	311.2	5.9	18,456
1996	290,000	281,750	264,769	154,100	151,700	1,470.00	223,022	271.8	260.1	16.1	41,747
1997	372,220	365,140	323,422	225,770	223,490	1,250.00	278,511	292.9	283.3	15.9	44,911
1998	385,550	361,210	270,592	211,500	208,410	1,090.00	226,236	348.1	305.6	14.5	44,356
1999 [2] ...	352,320	349,296	NA	224,670	222,746	1,090.00	242,885	255.3	253.1	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 5-20.—Cherries: Production and season average price, by States, 1997–99

Variety and State	Total production			Utilized production			Price [2]		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars per ton*	*Dollars per ton*	*D ollars per ton*
CA	49,200	15,200	73,000	49,200	15,200	73,000	1,290.00	1,550.00	851.00
ID	1,600	2,200	1,900	1,600	2,070	1,670	1,290.00	1,070.00	1,630.00
MI	27,000	35,000	28,000	27,000	33,000	27,000	740.00	562.00	549.00
MT	1,100	2,050	720	870	1,890	690	954.00	1,080.00	1,560.00
NY	650	700	1,050	620	650	1,000	1,720.00	2,070.00	1,490.00
OR	50,000	55,000	50,000	50,000	54,500	49,500	1,130.00	862.00	833.00
PA	500	550	800	500	400	736	2,380.00	2,320.00	2,600.00
UT	720	2,800	1,200	700	2,700	1,150	920.00	687.00	999.00
WA	95,000	98,000	68,000	93,000	98,000	68,000	1,430.00	1,310.00	1,710.00
Total 9 States ..	225,770	211,500	224,670	223,490	208,410	222,746	1,250.00	1,090.00	1,090.00
TART VARIETIES	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Cents per pound*	*Cents per pound*	*Cents per pound*
CO	0.7	1.3	0.6	0.6	1.2	0.6	0.560	0.448	NA
MI	225.0	263.0	185.0	221.0	229.0	185.0	0.156	0.140	NA
NY	14.5	14.0	17.7	13.2	12.2	17.5	0.173	0.180	NA
OR	3.7	2.8	5.3	3.4	2.7	5.3	0.210	0.127	NA
PA	6.5	4.2	7.2	6.5	4.2	7.2	0.258	0.190	NA
UT	17.5	33.0	15.0	14.0	27.0	14.5	0.160	0.160	NA
WA	13.5	14.0	14.5	13.5	14.0	14.5	0.100	0.120	NA
WI	11.5	15.8	10.0	11.1	15.3	8.5	0.174	0.151	NA
Total 7 States ..	292.9	348.1	255.3	283.3	305.6	253.1	0.159	0.145	NA

[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. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-21.—Cherries: Production and utilization, by States, crop of 1999 (preliminary)

Variety and State	Total production	Utilized production	Utilization			
			Fresh [1]	Processed		
				Canned and otherwise processed [2]	Frozen [2 3]	Brined [3 4]
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
CA	73,000	73,000	47,700	.....	.....	.....
MI	28,000	27,000	1,400	3,900	2,400	19,300
OR	50,000	49,500	22,500	3,800	1,200	22,000
WA	68,000	68,000	50,000	5,000	4,000	9,000
Other States [5]	5,670	5,246	4,246	.....	6,315	19,985
US	224,670	222,746	125,846	12,700	13,915	70,285
TART VARIETIES	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
MI	185.0	185.0	1.0	69.0	100.0	15.0
Other States [6]	70.3	68.1	0.8	16.4	38.3	12.6
US	255.3	253.1	1.8	85.4	138.3	27.6

[1] Includes "Home use." [2] Sweet varieties include some quantities used for juice, wine, brandy, freezing, etc. [3] California included in other States for sweet cherries in order not to divulge individual operations. [4] Tart varieties include some quantities used for juice, jam, jelly, brining, etc, excludes frozen. [5] ID, MT, NY, PA, and UT. [6] CO, NY, OK, PA, UT, WA, and WI.

NASS, Crops Branch, (202) 720–2127.

Table 5-22.—Cherries: Production and utilization, United States,[1] 1990–99

Crop of—	Total production	Utilized production	Utilization of quantities sold			
			Fresh [2]	Processed		
				Canned [3 4]	Frozen	Brined
SWEET VARIETIES	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
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	168,350	160,395	79,630	23,000	.....	57,765
1994	207,100	192,720	99,270	29,000	.....	64,450
1995	165,300	152,880	64,230	29,290	.....	59,360
1996	154,100	151,700	80,670	22,070	.....	48,960
1997	225,770	223,490	115,440	30,400	.....	77,650
1998	211,500	208,410	108,960	30,200	.....	69,250
1999 [5]	224,670	222,746	125,846	26,615	.....	70,285
TART VARIETIES	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
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	340.4	273.6	5.3	113.0	155.3	.....
1994	304.2	296.3	3.5	119.1	173.7	.....
1995	395.6	311.2	2.7	125.7	182.8	.....
1996	271.8	260.1	2.5	87.4	170.2	.....
1997	292.9	283.3	2.6	107.1	173.6	.....
1998	348.1	305.6	2.3	103.6	199.7	.....
1999 [5]	255.3	253.1	1.8	113.0	138.3	.....

[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.

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Table 5-23.—Cherries: Foreign trade, United States, 1988–97

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*
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	1,376	1,415	30,268	15,168
1990	1,615	1,191	18,824	2,479	1995	1,905	1,871	34,702	18,975
1991	1,553	1,373	31,008	4,090	1996	1,908	3,439	39,401	15,044
1992	1,982	2,224	25,742	13,193	1997	968	2,723	37,591	13,358

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Table 5-24.—Citrus fruit: Utilized production and value, United States, for season of 1989–90 to 1998–99

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* [5]	*Dollars*	*1,000 dollars*	*1,000 boxes*
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	1,821,579	207,365	66,200	4.33	290,152	33,582
1996–97	293,020	6.16	1,836,662	228,565	70,100	4.00	284,749	36,665
1997–98	315,525	6.13	1,965,358	247,004	63,150	4.13	268,598	32,460
1998–99 [6]	226,280	7.85	1,807,444	191,937	61,400	5.36	338,853	30,593
	Lemons				Limes			
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	10.01	261,281	12,533	300	13.05	3,914	60
1996–97	25,300	12.00	303,476	12,206	320	11.93	3,816	65
1997–98	23,600	10.21	240,846	12,250	440	11.90	5,235	110
1998–99 [6]	19,650	13.25	260,336	7,523	500	16.43	8,216	90
	Tangerines [7]				Tangelos			
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	13.94	110,573	2,390	2,450	6.16	15,100	1,432
1996–97	9,650	12.47	122,172	3,096	3,950	4.75	18,759	2,918
1997–98	8,200	11.78	96,524	2,642	2,850	4.19	11,950	1,937
1998–99 [6]	7,400	16.01	118,670	2,047	2,550	7.23	18,431	1,712
	Temples				K-Early Citrus			
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	6.52	14,024	1,457	160	4.82	771	98
1996–97	2,400	5.23	12,541	1,845	150	3.95	592	93
1997–98	2,250	5.12	11,510	1,684	40	1.13	45	10
1998–99 [6]	1,800	7.34	13,212	1,202	80	4.78	382	56

[1] See footnote 1, table 5-24. [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] Excludes FL economic abandonment in 1995–96 of 3 million boxes of Colored Seedless; in 1996–97 of 3 million boxes of White Seedless and 3 million boxes of Colored Seedless; in 1997–98 of 5 million boxes of White Seedless and 1 million boxes of Colored Seedless. [6] Preliminary. [7] AZ and CA tangelos and tangors included.

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Table 5-25.—Citrus fruit: Utilized production and marketing year average returns per box, by States, 1997–98 to 1998–99 [1]

Crop and State	Utilized production		Market year average price [2]	
	1997–98	1998–99	1997–98	1998–99
ORANGES	*1,000 boxes*	*1,000 boxes*	*Dollars*	*Dollars*
Early, midseason, and Navel varieties: [3]				
AZ	350	550	5.46	16.91
CA	44,000	21,000	8.84	10.83
FL	140,000	112,000	4.57	6.61
TX	1,350	1,250	3.67	8.14
Total early, midseason, and Navel varieties	185,700	134,800	5.44	7.23
Valencia:				
AZ	650	600	5.28	19.09
CA	25,000	17,000	9.03	14.27
FL	104,000	73,700	6.73	7.66
TX	175	180	5.29	5.37
Total Valencia	129,825	91,480	7.10	8.78
All oranges:				
AZ	1,000	1,150	5.35	18.05
CA	69,000	38,000	8.91	12.37
FL	244,000	185,700	5.49	7.03
TX	1,525	1,430	3.85	7.80
US, all oranges	315,525	226,280	6.13	7.85
GRAPEFRUIT				
AZ	800	750	4.67	6.60
CA	8,000	7,500	8.42	11.28
FL, all [5 6]	49,550	47,050	3.53	4.55
Colored seedless [5]	30,600	28,700	3.74	4.73
White seedless [6]	18,300	17,800	3.24	4.30
Other	650	550	1.90	2.92
TX	4,800	6,100	4.70	5.79
US, all grapefruit	63,150	61,400	4.13	5.36
LEMONS				
AZ	2,600	3,450	9.30	13.33
CA	21,000	16,200	10.32	13.23
US, lemons	23,600	19,650	10.21	13.25
LIMES				
FL	440	500	11.90	16.43
TANGELOS				
FL	2,850	2,550	4.19	7.23
TANGERINES				
AZ [7]	600	950	12.53	18.50
CA [7]	2,400	1,500	11.47	15.04
FL	5,200	4,950	11.82	15.87
US, tangerines	8,200	7,400	11.78	16.01
TEMPLES				
FL	2,250	1,800	5.12	7.34
K-EARLY CITRUS				
FL	40	80	1.13	4.78

[1] The crop year begins with the bloom of the first year shown and ends with completion of harvest the following year. [2] Equivalent packinghouse-door returns. [3] Navel and miscellaneous varieties in AZ and CA. Early (including Navel) and midseason varieties in FL and TX. Small quantities of tangerines in TX. [4] Net lbs. per box: oranges—AZ and CA, 75; FL, 90; and TX, 85; grapefruit—AZ and CA, 67; FL, 85; TX, 80; lemons—76; tanglos, K-Early Citrus and Temples—90; tangerines—AZ and CA, 75. [5] Excludes Colored Seedless economic abandonment of 1 million boxes in 1997–98. [6] Excludes White Seedless economic abandonment of 5 million boxes in 1997–98. [7] Includes tangelos and tangors.

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Table 5-26.—Citrus fruits: Production in specified countries, 1996–97 to 1998–99 [1]

Commodity and country	1996–97	1997–98	1998–99 [2]
	1,000 metric tons	1,000 metric tons	1,000 metric tons
Oranges:			
Egypt	1,360	1,613	1,350
Cuba	380	480	482
Gaza Strip	87	73	73
Cyprus	252	165	150
Argentina	640	841	921
Brazil	16,450	18,972	15,912
China	1,725	1,850	2,100
Japan	28	25	24
Mexico	2,600	3,917	3,920
Spain	2,440	2,200	2,744
United States [3]	10,747	11,605	12,495
Australia	543	556	421
Morocco	870	774	1,131
Israel	460	394	330
Greece	850	946	985
South Africa	850	895	961
Turkey	880	890	740
Italy	1,770	2,100	2,057
Total	42,932	48,296	46,796
Tangerines:			
Egypt	300	448	460
Cuba	6	6	6
Israel	125	119	138
South Korea	615	484	655
Japan	1,696	1,428	1,834
China	4,667	5,509	6,910
Turkey	410	450	365
Brazil [5]	535	693	721
Spain	1,566	1,600	1,970
United States [4]	412	541	443
Argentina	325	409	387
Morocco	360	384	430
Greece	85	76	82
Mexico	145	279	275
Italy	510	500	533
Total	11,757	12,926	15,209
Grapefruit:			
Cuba	250	230	250
Gaza Strip	9	9	9
Cyprus	112	80	80
Argentina	190	229	188
Mexico	120	222	235
United States [3]	2,502	2,620	2,382
Israel	395	357	306
South Africa	172	177	184
Turkey	60	75	55
Italy	6	3	3
Total	3,816	4,002	3,692
Lemons:			
Gaza Strip	8	8	9
Cyprus	38	33	25
Argentina	700	871	1,025
Brazil [5]	70	73	75
Mexico	12	20	21
Spain	443	508	647
United States	896	869	848
Australia	38	35	30
Morocco	20	22	20
Israel	20	17	15
Greece	135	147	158
South Africa	71	84	88
Turkey	440	401	270
Italy	680	714	612
Total	3,571	3,802	3,843

[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 5-27.—Concentrated citrus juices: Annual packs, Florida, 1988–97

Season beginning December	Frozen concentrated juice [1]		
	Orange [2]	Grapefruit [2]	Tangerine
	1,000 gallons	*1,000 gallons*	*1,000 gallons*
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	216,502	31,344	1,192
1995	202,353	26,930	1,102
1996	241,800	30,032	2,386
1997	253,734	24,223	1,461

[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 5-28.—Canned citrus juices: Annual pack, Florida, 1988–97

Season beginning October	Juice (single-strength) [1]		
	Orange	Grapefruit	Blend
	1,000 cases	*1,000 cases*	*1,000 cases*
1988	8,164	7,956	424
1989	6,640	5,986	434
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
1996	3,932	4,375	117
1997	3,611	4,964	103

[1] Equivalent cases of 24 No. 2 cans.

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Table 5-29.—Citrus juice: United States exports by kind, 1988/89–1997/98

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*
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	0	40,899	85,142	0	6,404	17,227
1996/97	0	47,158	100,213	0	4,551	16,198
1997/98	0	66,115	82,325	0	6,266	11,812

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 5-30.—Oranges, fresh:[1] United States exports by country of destination, 1995/96–1997/98

Country of destination	Year beginning November		
	1995/96	1996/97	1997/98
	Metric tons	*Metric tons*	*Metric tons*
Europe:			
Belgium and Luxembourg	19	19	54
Denmark	19	0	273
Finland	0	40	0
France	116	178	239
Germany	31	150	185
Netherlands	1,522	793	395
Sweden	0	0	0
United Kingdom	550	342	568
Total EU	2,257	1,522	1,714
Western and Eastern Europe:			
Iceland	87	206	481
Russian Federation	2,588	3,794	4,381
Switzerland	4	0	0
Total	2,679	4,000	4,862
South and Central America:			
Columbia	141	115	365
Ecuador	44	36	717
Guatemala	0	0	50
Panama	0	88	144
Venezuela	0	10	0
Total	185	249	1,276
Caribbean:			
Bahamas, The	11	76	83
Barbados	4	12	17
Bermuda	6	7	5
Dominican Republic	25	0	0
French West Indies	523	0	0
Leeward-Windward Islands	0	0	0
Netherlands Antilles	0	59	68
Trinidad and Tobago	0	0	0
Total	569	154	173
North America:			
Canada	176,012	201,007	201,981
Mexico	3,474	5,218	6,318
Total	179,486	206,225	208,299
Africa and Asia:			
Bahrain	0	0	0
China, Peoples Republic of	478	127	3,196
Ghana	0	0	0
Hong Kong	101,408	139,162	175,464
India	0	0	0
Indonesia	3,180	4,776	586
Japan	124,446	124,748	129,218
Korea, Republic of	23,479	31,978	26,505
Malaysia	16,970	21,401	20,140
Philippines	7,823	9,384	4,588
Saudi Arabia	0	0	0
Singapore	16,196	20,024	20,353
Sri Lanka	104	151	214
Taiwan	14,945	18,383	27,557
Thailand	295	722	341
United Arab Emirates	0	0	10
Vietnam	83	292	366
Total	309,407	371,148	408,538
Oceania:			
Australia	8,919	10,348	11,213
French Pacific Islands	52	81	140
New Zealand	4,698	6,310	7,754
Other Pacific Islands	13	0	140
Total	13,682	16,739	19,247
World Total	508,265	600,037	644,109

[1] Includes temple oranges.

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Table 5-31.—Fresh citrus fruits: Foreign trade, United States, 1988–97

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*
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	17,585	580,755	13,676	481,743	12,319	126,121	142,990	3,421	4,254	12,546
1995	23,394	513,629	14,797	497,339	11,042	132,269	130,072	3,363	3,786	17,178
1996	29,654	590,428	12,807	484,403	21,736	120,279	147,064	3,517	3,877	15,285
1997	39,961	642,011	5,171	387,282	22,132	113,282	164,577	3,886	3,712	13,282

[1] Year beginning October for all commodities.

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Table 5-32.—Dates: Area, yield, total production, marketing year average price per ton, and value, California, 1990–99

Year	Bearing acreage	Yield per acre	Production	Price per ton	Value
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1990	5,000	4.80	24,000	820	19,680
1991	5,200	4.23	22,000	970	21,340
1992	5,300	3.96	21,000	1,060	22,260
1993	5,500	5.27	29,000	790	22,910
1994	5,500	4.18	23,000	750	17,250
1995	5,200	4.37	22,700	780	17,706
1996	4,680	4.91	23,000	1,090	25,070
1997	4,800	4.38	21,000	1,100	23,100
1998	4,900	5.08	24,900	1,220	30,378
1999 [1]	4,900	4.57	22,400	1,240	27,776

[1] Preliminary.

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Table 5-33.—Dates: Foreign trade, United States, 1988–97

Year beginning October	Imports	Year beginning October	Imports
	Metric tons		*Metric tons*
1988	10,046	1993	5,272
1989	9,314	1994	2,774
1990	5,539	1995	4,683
1991	7,072	1996	2,587
1992	5,426	1997	3,208

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Table 5-34.—Cranberries: Area, yield, production, season average price per barrel, value and quantities processed, United States, 1990–99 [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]
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	35,700	154.0	5,497,000	5,497,000	63.70	350,147	5,072,000
1998	36,600	148.7	5,444,000	5,444,000	38.80	211,301	5,157,000
1999 [7]	37,200	171.7	6,389,000	6,389,000	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 5-35.—Cranberries: Area, yield, production, and season average price per barrel, by States, 1997–99

State	Area harvested			Yield per acre			Total production			Price per barrel [2]		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Acres	*Acres*	*Acres*	*Bbl.* [3]	*Bbl.* [3]	*Bbl.* [3]	*Bbl.* [3]	*Bbl.* [3]	*Bbl.* [3]	*Dollars*	*Dollars*	*Dollars*
MA	14,600	14,400	14,800	143.8	130.2	127.4	2,100,000	1,875,000	1,886,000	66.20	37.30	(4)
NJ ..	3,900	3,900	3,900	149.2	133.6	178.2	582,000	521,000	696,000	56.60	26.30	(4)
OR	2,000	2,200	2,300	175.0	161.4	139.1	350,000	355,000	320,000	55.70	39.80	(4)
WA	1,500	1,600	1,600	110.0	105.0	92.0	165,000	168,000	147,000	55.70	25.00	(4)
WI ..	13,700	14,500	14,600	167.9	174.1	228.8	2,300,000	2,525,000	3,340,000	65.00	43.30	(4)
US ..	35,700	36,600	37,200	154.0	148.7	171.7	5,497,000	5,444,000	6,389,000	63.70	38.80	(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.

NASS, Crops Branch, (202) 720–2127.

Table 5-36.—Figs: Total production, marketing year average price per ton, and value, California, 1990–99

Year	Dried (dry basis)				Total		
	Production			Price per ton	Production (fresh basis) [1]	Price per ton	Value
	Total	Standard	Substandard				
	Tons	*1,000 tons*	*Tons*	*Dollars*	*Tons*	*Dollars*	*1,000 dollars*
1990	16,000	13,600	2,400	961	49,600	350	17,370
1991	14,600	13,200	1,400	1,036	45,100	369	16,626
1992	15,200	13,900	1,300	1,185	46,900	405	18,985
1993	19,300	17,100	2,200	1,097	60,700	401	24,341
1994	18,200	17,000	1,200	1,198	56,700	419	23,768
1995	16,800	15,200	1,600	895	52,400	314	16,429
1996	14,500	13,100	1,400	774	45,500	283	12,894
1997	18,500	15,900	2,600	699	57,500	265	15,209
1998	16,500	13,300	3,200	594	51,300	226	11,611
1999 [2]	14,200	13,000	1,200	694	44,900	278	12,477

[1] Dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-37.—Figs, dried: Foreign trade, United States, 1988–97

Year beginning October	Imports for consumption	Domestic exports	Year beginning October	Imports for consumption	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1988	4,856	1,404	1993	10,990	3,035
1989	5,437	2,243	1994	11,653	5,927
1990	5,403	2,874	1995	4,834	4,850
1991	8,387	2,931	1996	3,780	2,027
1992	8,239	2,623	1997	4,414	1,824

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-38.—Ginger Root: Area, yield, production, marketing year average price, and value, Hawaii, 1989/90–1998/99

Year	Area harvested	Yield per acre	Total production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1989–90 ..	190	50.0	9,500	71.5	6,793
1990–91 ..	250	48.0	12,000	63.0	7,560
1991–92 ..	290	40.0	11,600	55.0	6,380
1992–93 ..	360	27.5	9,900	53.0	5,247
1993–94 ..	150	40.0	6,000	87.0	5,220
1994–95 ..	135	43.0	5,800	87.0	5,046
1995–96 ..	200	47.0	9,400	75.0	7,050
1996–97 ..	275	44.0	12,100	67.0	8,107
1997–98 ..	360	50.0	18,000	40.0	7,200
1998–99 ..	350	46.0	16,100	50.0	8,050

NASS, Crops Branch, (202) 720–2127.

Table 5-39.—Grapes: Production, price, and value, United States, 1990–99

Year	Grapes			
	Production (fresh basis)		Market year average price per ton [1]	Value
	Total	Utilized		
	1,000 tons	*1,000 tons*	*Dollars*	*1,000 dollars*
1990	5,659,900	5,659,786	295.00	1,670,468
1991	5,555,900	5,555,270	312.00	1,735,267
1992	6,052,050	6,032,550	306.00	1,848,591
1993	6,022,950	6,014,350	333.00	2,005,321
1994	5,873,400	5,869,000	321.00	1,882,591
1995	5,921,900	5,912,350	346.00	2,046,737
1996	5,553,600	5,537,325	429.00	2,376,111
1997	7,290,900	7,287,365	429.00	3,126,433
1998	5,819,950	5,816,405	454.00	2,642,188
1999 [2]	6,169,430	6,167,650	478.00	2,945,073

[1] 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. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-40.—Grapes: Production and marketing year average price per ton, by States, 1997–99

State	Total production			Utilized production			Price per ton [2]		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*D ollars*	*Dollars*	*Dollars*
AZ	25,000	23,000	21,000	25,000	23,000	21,000	588.00	751.00	801.00
AR	6,500	4,550	4,900	5,500	4,430	4,800	586.00	497.00	473.00
CA:									
All varieties	6,648,000	5,290,000	5,473,000	6,648,000	5,290,000	5,473,000	434.00	456.00	488.00
Wine varieties	2,940,000	2,570,000	2,700,000	2,940,000	2,570,000	2,700,000	598.00	581.00	565.00
Table varieties	825,000	643,000	660,000	825,000	643,000	660,000	448.00	499.00	578.00
Raisin varieties [3]	2,883,000	2,077,000	2,113,000	2,883,000	2,077,000	2,113,000	262.00	290.00	362.00
GA	2,600	3,200	3,300	2,300	2,900	3,000	933.00	1,110.00	1,170.00
MI	61,000	70,400	75,000	61,000	70,400	75,000	293.00	293.00	286.00
MO	1,950	2,200	2,800	1,950	2,200	2,800	479.00	531.00	584.00
NY	139,000	128,000	205,000	137,000	125,000	204,000	292.00	316.00	290.00
NC	950	1,500	1,900	950	1,500	1,900	968.00	1,030.00	1,200.00
OH	6,900	6,100	11,000	6,800	6,000	10,800	288.00	331.00	247.00
OR	18,500	14,700	17,900	18,500	14,700	17,900	1,120.00	1,180.00	1,310.00
PA	61,000	54,000	88,000	61,000	54,000	88,000	268.00	280.00	281.00
SC	500	300	630	365	275	450	1,220.00	1,520.00	569.00
WA	319,000	222,000	265,000	319,000	222,000	265,000	390.00	482.00	432.00
US	7,290,900	5,819,950	6,169,430	7,287,365	5,816,405	6,167,650	429.00	454.00	478.00

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-41.—Grapes: Production and utilization, United States, 1990–99

Crop of—	Total production [1]	Utilized production	Utilization of quantities sold				
			Fresh	Processed			
				Canned	Dried (fresh basis)	Crushed for wine	Crushed for juice, etc.[2]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
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	6,022,950	6,014,350	800,500	45,000	1,677,200	3,025,480	466,170
1994	5,873,400	5,869,300	808,550	38,000	1,906,300	2,695,330	420,820
1995	5,921,900	5,912,350	852,600	35,000	1,552,500	2,973,640	498,610
1996	5,553,600	5,537,325	767,025	36,000	1,329,000	3,042,850	362,450
1997	7,290,900	7,287,365	937,115	44,000	1,806,500	4,034,400	465,350
1998	5,819,950	5,816,405	780,795	36,000	1,331,600	3,314,760	353,250
1999 [3]	6,169,430	6,167,650	884,915	35,000	1,399,900	3,344,985	502,850

[1] Total production includes utilized production plus production not harvested and harvested not sold: 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; 1996—16,275 tons fresh equivalent; 1997—3,535 tons fresh equivalent; 1998—3,545 tons fresh equivalent; and 1999—1,780 tons fresh equivalent. [2] Mostly juice, but includes some quantities used for jam, jelly, etc. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-42.—Grapes: Production and utilization, by States, crop of 1999 (preliminary)

State	Total production	Utilized production	Utilization				
			Fresh	Processed			
				Canned	Dried (fresh basis) [1]	Crushed for—	
						Wine	Juice, etc.[2]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
AZ	21,000	21,000	12,800	.....	7,900	.....	.....
AR	4,900	4,800	800	.....	.....	.....	.....
CA:							
All varieties	5,473,000	5,473,000	865,000	.....	1,392,000	3,181,000	.....
Wine varieties	2,700,000	2,700,000	45,000	.....	.....	2,655,000	.....
Table varieties	660,000	660,000	560,000	.....	24,000	76,000	.....
Raisin varieties	2,113,000	2,113,000	260,000	35,000	1,368,000	450,000	.....
GA	3,300	3,000	1,000	.....	.....	2,000	.....
MI	75,000	75,000	500	.....	.....	3,000	71,500
MO	2,800	2,800	150	.....	.....	2,600	.....
NY	205,000	204,000	2,000	.....	.....	50,000	152,000
NC	1,900	1,900	.....	.....	.....	.....	.....
OH	11,000	10,800	500	.....	.....	2,000	8,300
OR	17,900	17,900	.....	.....	.....	17,900	.....
PA	88,000	88,000	1,000	.....	.....	13,000	74,000
SC	630	450	.....	.....	.....	.....	.....
WA	265,000	265,000	.....	.....	.....	70,000	195,000
Other States	.....	.....	1,165	.....	.....	3,485	2,050
US	6,169,430	6,167,650	884,915	35,000	1,399,900	3,344,985	502,850

[1] Equivalent raisins produced (dried basis): 335,675 tons. [2] Mostly juice, but includes some quantities used for jam, jelly, etc.

NASS, Crops Branch, (202) 720–2127.

Table 5-43.—Raisins and currants: United States exports by country of destination, 1996/97–1998/99

Country of destination	Year beginning September		
	1996/97	1997/98	1998/99
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	11,463	11,973	12,121
Mexico	1,572	1,167	896
Total	13,035	13,140	13,017
European Union:			
Sweden	4,570	4,693	4,368
Finland	2,142	2,119	2,270
Denmark	5,286	5,469	5,148
United Kingdom	24,867	26,270	22,195
Netherlands	3,271	3,820	3,471
France	402	679	669
Germany	5,943	7,191	5,092
Spain	584	666	587
Belgium-Lux.	2,162	1,438	926
Other	437	607	517
Total	49,664	52,952	45,243
Asia:			
Singapore	3,704	2,585	2,776
Malaysia	1,689	1,218	686
Korea, Republic of	2,192	2,175	1,654
Hong Kong	3,780	4,344	1,763
Taiwan	4,034	4,524	3,896
Japan	27,069	23,822	30,101
Total	42,468	38,668	40,876
Other countries:			
Australia	106	1,081	882
Brazil	952	2,578	519
Israel	922	1,050	1,256
New Zealand	1,522	1,269	2,309
Norway	2,572	1,993	1,312
All Others	6,575	7,883	5,274
Total	6,074	7,971	6,278
Grand total	117,816	120,614	110,688

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

Table 5-44.—Grapes and raisins: Foreign trade, United States 1988–97

Year beginning October	Grapes		Raisins [1]	
	Imports, fresh	Domestic exports, fresh	Imports for consumption	Domestic exports
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*
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	11,134	122,133
1995	341,098	240,097	12,525	118,824
1996	351,567	233,558	11,407	115,016
1997	419,956	217,467	10,918	120,923

[1] Raisins converted to sweatbox or production basis by multiplying by 1.08.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-45.—Guavas: Area, yield, utilized production, marketing year average price, and value, Hawaii, 1990–99

Year	Area harvested	Yield per acre	Production	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Cents*	*1,000 dollars*
1990	1,040	23.2	24,100	15.0	3,615
1991	900	15.6	14,000	14.6	2,044
1992	765	17.3	13,260	14.3	1,896
1993	750	20.5	15,400	13.0	2,002
1994	740	23.9	17,700	13.5	2,390
1995	750	21.9	16,400	13.8	2,263
1996	750	21.7	16,300	13.8	2,249
1997	730	21.8	15,900	12.2	1,940
1998	710	20.6	14,600	12.2	1,781
1999	NA	NA	NA	NA	NA

NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-46.—Nectarines: Production, utilization, and value, California, 1990–99

Crop of—	Production	Utilization		Marketing year average price per ton [2]	Value
		Fresh [1]	Processed (fresh basis)		
	Tons	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
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	264,000	258,500	5,500	375.00	98,895
1998	224,000	207,600	16,400	471.00	105,466
1999 [3]	276,000	258,300	17,700	411.00	113,371

[1] Includes "Home use." [2] Processing fruit prices are equivalent returns at processing plant door. [3] Preliminary.
NASS, Crops Branch, (202) 720–2127.

Table 5-47.—Olives: Total production, marketing year average price, value, and processed utilization, California, 1990–99

Year	Production	Marketing year average price per ton	Value	Processed utilization			
				Crushed for oil	Canned	Limited	Undersized
	Tons	*Dollars*	*1,000 dollars*	*Tons*	*Tons*	*Tons*	*Tons*
1990	131,500	423	55,663	5,000	88,000	22,000	16,000
1991	65,000	559	36,306	1,800	53,700	7,300	1,700
1992	165,000	549	90,561	5,700	121,000	31,500	6,300
1993	122,000	467	56,991	5,300	93,000	19,700	3,500
1994	84,000	464	38,994	4,400	66,500	8,400	4,200
1995	77,500	646	50,069	4,000	58,500	9,300	5,200
1996	166,000	617	102,364	7,000	123,000	29,000	6,500
1997	104,000	642	66,801	3,600	82,200	10,200	7,500
1998	90,000	459	41,331	4,100	64,200	12,800	8,400
1999 [1]	145,000	463	67,154	NA	NA	NA	NA

[1] Preliminary. NA-not available.
NASS, Crops Branch, (202) 720–2127.

Table 5-48.—Olives and olive oil: Foreign trade, United States, 1988–97

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*
1988	61,748	413	.....	.....	1993	64,615	462	123,934	0
1989	64,467	700	91,142	0	1994	60,120	1,045	127,647	0
1990	60,835	487	99,698	0	1995	64,445	396	113,590	125
1991	61,924	682	106,954	0	1996	71,991	271	148,051	43
1992	62,214	606	123,234	0	1997	79,922	401	161,015	0

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-49.—Peaches: Production and value, United States, 1990–99

Year	Total production	Utilized production	Marketing year average price [1]	Value
	Million pounds	*Million pounds*	*Cents per pound*	*1,000 dollars*
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	2,644.3	2,478.4	15.9	395,241
1994	2,509.0	2,354.0	13.3	313,253
1995	2,289.5	2,179.1	18.4	401,393
1996	2,104.6	2,043.8	19.1	389,894
1997	2,624.6	2,508.4	17.7	444,137
1998	2,401.3	2,325.6	19.2	447,297
1999 [2]	2,521.4	2,425.6	19.2	464,551

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-50.—Peaches: Foreign trade, United States, 1988–97

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*
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	20,915	11,291	968	105,821
1995	74,822	17,777	10,696	884	108,206
1996	103,345	16,873	8,990	675	132,958
1997	79,987	21,580	9,189	728	114,800

[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.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-51.—Peaches: Production and utilization, United States, 1990–99

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*
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	1,096.6	40.4	164.3	81.2
1993	2,644.3	2,478.4	1,166.0	1,044.6	30.0	178.8	59.0
1994	2,509.0	2,354.0	1,038.9	1,044.5	27.0	157.8	85.8
1995	2,289.5	2,179.1	1,125.0	813.5	28.0	150.9	61.7
1996	2,104.6	2,043.8	769.8	994.3	32.7	183.2	63.8
1997	2,624.6	2,508.4	1,126.8	1,107.8	34.1	201.0	38.7
1998	2,401.3	2,325.6	1,000.5	985.2	25.0	185.8	129.1
1999 [4]	2,521.4	2,425.6	1,107.0	994.9	31.4	204.1	88.2

[1] Includes harvested not sold and unharvested production for California Clingstone peaches (tons): 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.

NASS, Crops Branch, (202) 720–2127.

Table 5-52.—Peaches: Production and season average price per pound, 1997–99

State	Total production			Utilized production			Price[2] for crop of—		
	1997	1998	1999[1]	1997	1998	1999[1]	1997	1998	1999[1]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Dollars*	*Dollars*	*Dollars*
AL	25.0	16.0	20.0	24.0	15.0	19.0	0.302	0.456	0.297
AR	14.3	12.5	12.0	14.3	11.1	10.5	0.290	0.328	0.340
CA:									
Freestone	739.0	681.0	755.0	739.0	681.0	755.0	0.122	0.158	0.163
CO	7.0	20.0	3.0	6.5	18.5	2.9	0.661	0.488	0.640
CT	2.3	2.3	2.2	2.3	2.3	2.2	0.700	0.700	0.650
GA	160.0	70.0	110.0	145.0	65.0	105.0	0.243	0.345	0.373
ID	7.5	9.0	8.0	7.1	8.7	7.9	0.574	0.436	0.472
IL	12.5	15.0	19.0	10.0	13.5	17.0	0.406	0.433	0.389
IN	2.5	3.8	2.9	2.4	3.7	2.8	0.545	0.318	0.369
KS	0.2	0.5	0.8	0.2	0.5	0.8	0.420	0.470	0.420
KY	0.6	1.8	1.8	0.5	1.5	1.5	0.300	0.375	0.430
LA	1.1	1.4	0.8	1.0	1.4	0.7	0.453	0.710	0.880
MD	9.7	10.5	9.1	9.0	10.2	8.8	0.430	0.300	0.471
MA	2.0	1.8	2.0	2.0	1.7	2.0	0.700	0.800	0.800
MI	55.0	43.0	25.0	55.0	42.5	23.5	0.263	0.272	0.242
MO	9.5	9.0	10.5	9.5	9.0	10.5	0.350	0.396	0.417
NJ	65.0	70.0	70.0	65.0	68.0	60.0	0.449	0.449	0.433
NY	12.0	10.0	14.0	11.5	8.5	12.0	0.461	0.416	0.455
NC	10.0	25.0	28.0	10.0	25.0	28.0	0.350	0.380	0.360
OH	6.0	6.8	8.7	5.8	6.5	7.9	0.400	0.416	0.447
OK[4]	2.0	20.0	15.0	1.8	18.0	13.5	0.224	0.412	0.493
OR	5.8	8.0	7.0	5.4	7.9	6.9	0.529	0.315	0.365
PA	70.0	65.0	75.0	70.0	65.0	73.0	0.337	0.317	0.322
SC	160.0	140.0	160.0	120.0	105.0	130.0	0.208	0.260	0.204
TN	3.5	3.2	3.1	3.0	3.0	3.0	0.380	0.450	0.470
TX	20.0	24.0	13.0	16.0	19.0	11.0	0.350	0.520	0.620
UT	8.1	7.7	6.5	7.6	7.0	6.2	0.270	0.270	0.328
VA	9.0	14.0	15.0	8.0	12.0	12.0	0.280	0.300	0.290
WA	46.0	52.0	52.0	46.0	52.0	52.0	0.420	0.515	0.450
WV	11.0	13.0	13.0	10.5	12.4	12.3	0.293	0.264	0.303
Total above	1,476.6	1,356.3	1,462.4	1,408.4	1,294.9	1,397.9	0.214	0.258	0.249
CA:									
Clingstone	1,148.0	1,045.0	1,059.0	1,100.0	1,030.7	1,027.7	0.130	0.110	0.113
US	2,624.6	2,401.3	2,521.4	2,508.4	2,325.6	2,425.6	0.177	0.192	0.192

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-53.—Peaches: Production and utilization, by States, crop of 1999 (preliminary)

State	Total production	Utilized production[1]	Utilization				
			Fresh[2]	Processed (fresh basis)			
				Canned	Dried	Frozen	Other[3]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
CA, all[3]	1,814.0	1,782.7	.....	972.9	.....	.....	.....
Clingstone[3]	1,059.0	1,027.7	.....	951.3	.....	.....	.....
Freestone	755.0	755.0	512.7	21.6	31.4	174.2	.....
GA	110.0	105.0	.....	.....	.....	.....	.....
NJ	70.0	60.0	.....	.....	.....	.....	.....
PA	75.0	73.0	.....	.....	.....	.....	.....
SC	160.0	130.0	114.0	.....	.....	.....	.....
WA	52.0	52.0	.....	.....	.....	.....	.....
Other States	240.4	222.9	480.3	22.0	.....	29.9	88.2
US	2,521.4	2,425.6	1,107.0	994.9	31.4	204.1	88.2

[1] Difference between total and utilized production is harvested not sold and unharvested production. [2] Includes "Home use." [3] Used for jams, preserves, brandy, etc.

NASS, Crops Branch, (202) 720–2127.

Table 5-54.—Peaches, canned: United States exports by country of destination, 1996/97–1998/99

Country of destination	Year beginning June		
	1996/97	1997/98	1998/99
	Metric tons	*Metric tons*	*Metric tons*
Caribbean:			
Dominican Republic	10	9	35
Bahamas	50	42	24
Netherlands Antilles	24	9	22
Jamaica & Dep	2	3	11
Haiti	4	0	2
Bermuda	17	15	2
Trinidad and Tobago	0	17	0
Leeward-Windward Islands	0	1	0
Total	107	95	96
Central America:			
Costa Rica	494	581	610
Panama	102	357	350
El Salvador	214	218	245
Guatamala	217	188	226
Honduras	81	16	33
Nicaragua	0	3	0
Total	1,108	1,363	1,464
European Union:			
France	0	35	6,026
Netherlands	27	24	1,438
Germany	233	346	265
Belgium and Luxembourg	0	33	176
United Kingdom	77	63	123
Austria	0	0	119
Sweden	17	18	5
Spain	0	17	0
Italy	0	982	0
Greece	0	0	0
Finland	0	0	0
Total	354	1,519	8,151
Former Soviet Union:			
Georgia, Repulic of	0	33	0
Latvia	0	0	0
Russian Federation	1,077	579	5
Ukraine	0	15	0
Total	1,077	627	5
Middle East:			
Israel	13	382	571
Saudi Arabia	201	467	147
Lebanon	9	21	12
Kuwait	161	77	11
United Arab Emirates	57	20	4
Yemen	0	9	0
Turkey	0	298	0
Qatar	23	3	0
Oman	0	0	0
Jordan	3	0	0
Bahrain	15	3	0
Total	481	1,280	744

Country of destination	Year beginning June		
	1996/97	1997/98	1998/99
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	4,192	7,452	6,244
Mexico	451	950	4,134
Total	4,643	8,401	10,378
Oceania:			
Australia	18	52	0
French Pacific Islands	47	34	16
Marshal Islands	0	29	53
Micronesia, Fed.	0	0	82
New Zealand	0	28	36
Total	65	143	187
Other Asia:			
Brunei	11	0	4
China, Republic of	0	0	15
Hong Kong	809	287	197
Indonesia	26	26	0
Japan	2,559	2,917	2,335
Korea; Republic of	1,593	569	1,079
Malaysia	66	4	7
Philippines	442	119	650
Singapore	900	228	110
Taiwan	1,295	912	965
Thailand	66	45	48
Total	7,766	5,108	5,411
Other West Europe:			
Iceland	0	3	5
Norway	58	16	2
Total	58	19	7
South America:			
Argentina	0	0	55
Brazil	0	0	17
Chile	95	99	477
Colombia	94	31	22
Ecuador	65	77	60
Paraguay	0	0	0
Peru	32	159	203
Surinam	0	0	0
Venezuela	56	75	50
Total	342	441	884
South Asia:			
Bangaladesh	5	0	0
Sri Lanka	0	0	5
Total	5	0	5
Grand total	16,006	18,997	27,331

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

Table 5-55.—Pineapples: Total area, utilized production, utilization, marketing year average price, and value, Hawaii, 1990–99

Year	Total area	Utilized production	Utilization		Price per ton	Value
			Fresh	Processed		
	Acres	*Tons*	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
1990	30,900	575,000	141,000	434,000	185	106,365
1991	28,400	555,000	125,000	430,000	194	107,775
1992	26,200	550,000	130,000	420,000	186	102,100
1993	22,000	370,000	135,000	235,000	216	79,850
1994	22,300	365,000	130,000	235,000	216	78,890
1995	19,900	345,000	125,000	220,000	253	87,360
1996	20,000	347,000	115,000	232,000	276	95,914
1997	19,900	324,000	103,000	221,000	283	91,721
1998	21,000	332,000	111,000	221,000	279	92,776
1999 [1]	21,000	352,000	122,000	230,000	280	98,520

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-56.—Pears: Production and value, United States 1990–99

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*
1990	962,150	962,000	279.00	268,857	1995	947,950	947,300	272.00	257,849
1991	903,000	902,850	303.00	273,666	1996	820,550	820,250	376.00	308,367
1992	923,200	921,350	295.00	272,205	1997	1,042,500	1,041,930	276.00	287,822
1993	947,850	946,500	245.00	231,850	1998	955,140	952,795	292.00	278,089
1994	1,045,950	1,045,450	223.00	233,071	1999 [2]	981,550	979,435	304.00	297,369

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-57.—Pears: Production and season average price per ton, by States, 1997–99

Variety and State	Total production			Utilized production			Price [2] for crop—		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
CA, all	312,000	307,000	322,000	312,000	307,000	322,000	273.00	264.00	218.00
Bartlett	282,000	277,000	292,000	282,000	277,000	292,000	263.00	246.00	210.00
Other	30,000	30,000	30,000	30,000	30,000	30,000	371.00	436.00	295.00
CO	2,600	3,500	500	2,580	3,325	490	295.00	449.00	657.00
CT	1,200	1,100	1,050	1,200	1,100	950	700.00	775.00	775.00
MI	4,000	5,040	5,100	4,000	4,800	4,900	250.00	271.00	265.00
NY	8,000	11,500	12,500	8,000	10,000	11,300	384.00	375 .00	388.00
OR, all	255,000	245,000	226,000	254,500	244,600	225,500	278.00	338.00	441.00
Bartlett	75,000	65,000	66,000	74,500	64,600	65,500	299.00	342.00	292.00
Other	180,000	180,000	160,000	180,000	180,000	160,000	269.00	337.00	503.00
PA	4,000	6,100	4,100	4,000	6,100	4,000	552.00	351.00	425.00
UT	700	900	300	650	870	295	586.00	307.00	458.00
WA, all	455,000	375,000	410,000	455,000	375,000	410,000	272.00	278.00	290.00
Bartlett	205,000	145,000	190,000	205,000	145,000	190,000	262.00	296.00	230.00
Other	250,000	230,000	220,000	250,000	230,000	220,000	280.00	267.00	342.00
US	1,042,500	955,140	981,550	1,041,930	952,795	979,435	276.00	292.00	304.00

[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 5-58.—Pears, fresh (dessert and cooking): Production in specified countries, 1996/97–1998/99 [1]

Continent and country	1996/97	1997/98	1998/99
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	17.4	15.6	16.8
Mexico	36.5	37.5	33.5
United States	744.4	945.7	866.5
Total	798.3	998.8	916.8
South America:			
Argentina	561.1	519.7	533.0
Chile	257.0	258.0	258.5
Total	818.1	777.7	791.5
European Union:			
Austria	41.4	39.3	50.4
Belgium/Luxembourg	138.5	131.1	152.7
Denmark	6.3	6.3	6.3
France	354.3	258.8	246.1
Germany	37.0	37.0	55.0
Greece	70.0	58.0	63.2
Italy	1,074.0	659.0	1,115.0
Netherlands	135.0	145.0	140.0
Spain	656.5	600.0	564.0
Sweden	12.3	11.1	15.5
United Kingdom	40.1	24.7	25.0
Total	2,565.4	1,970.3	2,433.2
Other Europe:			
Norway	2.6	3.0	3.2
Turkey	415.0	400.0	360.0
Total	417.6	403.0	363.2
Total Europe	2,983.0	2,373.3	2,796.4
Africa:			
South Africa	286.2	285.9	271.5
Total	286.2	285.9	271.5
Asia:			
Japan	396.8	427.8	409.7
Total	396.8	427.8	409.7
Oceania:			
Australia	148.6	130.0	165.0
New Zealand	20.2	20.6	21.9
Total	168.8	150.6	186.9
Total specified countries	5,451.2	5,014.1	5,372.8

[1] May include some cider varieties in countries not reporting separately.

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 5-59.—Pears: Foreign trade, United States, 1988–97

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*
1988	39,948	64,653	1,192	495	9,060	78,029
1989	41,292	93,715	2,155	513	7,948	107,055
1990	45,585	99,392	3,623	570	9,824	116,436
1991	59,133	119,376	6,165	559	11,750	140,819
1992	64,825	98,818	3,441	578	12,219	182,126
1993	65,283	137,046	3,076	600	9,102	153,010
1994	48,065	127,961	5,039	769	9,879	147,732
1995	57,371	144,426	7,245	702	9,359	165,460
1996	78,520	126,409	3,494	536	7,866	141,152
1997	67,636	156,996	5,228	578	8,041	173,913

[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.

ERS, Specialty Crops Branch, (202) 694–5260.

Table 5-60.—Pears: Production and utilization, by States, crop of 1999 (preliminary)

State and variety	Total production	Utilized production	Utilization	
			Fresh [1]	Processed [2]
	Tons	*Tons*	*Tons*	*Tons*
CA, all	322,000	322,000	(3)	(3)
Bartlett	292,000	292,000	87,000	205,000
Other	30,000	30,000	(3)	(3)
CO	500	490	(3)	(3)
CT	1,050	950	950	(3)
MI	5,100	4,900	(3)	(3)
NY	12,500	11,300	(3)	(3)
OR, all	226,000	225,500	(3)	(3)
Bartlett	66,000	65,500	30,000	35,500
Other	160,000	160,000	(3)	(3)
PA	4,100	4,000	(3)	(3)
UT	300	295	(3)	(3)
WA, all	410,000	410,000	(3)	(3)
Bartlett	190,000	190,000	52,000	138,000
Other	220,000	220,000	(3)	(3)
US	981,550	979,435	534,175	445,260

[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.

NASS, Crops Branch, (202) 720–2127.

Table 5-61.—Pears: Production and utilization, United States, 1990–99

Crop of—	Total production	Utilized production	Utilization of quantities sold—Fresh [1]
	Tons	*Tons*	*Tons*
1990	962,150	962,000	465,610
1991	903,000	902,850	462,000
1992	923,200	921,350	442,180
1993	947,850	946,500	507,400
1994	1,045,950	1,045,450	551,000
1995	947,950	947,300	544,260
1996	820,550	820,250	459,550
1997	1,042,500	1,041,930	572,310
1998	955,140	952,795	513,795
1999 [2]	981,550	979,435	534,175

[1] Includes "Home use." [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-62.—Papayas: Area, utilized production, utilization, marketing year average price, and value, Hawaii, 1990–99

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*
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	1,985	38,800	35,700	3,100	48.9	18,978
1998	2,120	39,900	35,600	4,300	31.6	12,589
1999 [1]	2,100	42,000	39,000	3,000	37.5	15,729

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-63.—Plums, California: Production, value, and utilization, 1990–99

Season	Total production	Utilized production	Marketing year average price per ton [1]	Value
	Tons	*Tons*	*Dollars*	*1,000 dollars*
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	246,000	246,000	312.00	76,825
1998	188,000	188,000	529.00	99,388
1999 [2]	196,000	196,000	419.00	82,041

[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 5-64.—Prunes (dried basis): Production, price and value, California, 1990–99 [1]

Season	Total production	Utilized production	Marketing year average price per ton [3]	Value
	Tons	*Tons*	*Dollars*	*1,000 dollars*
1990	147,000	147,000	873.00	128,331
1991	187,000	187,000	940.00	175,780
1992	184,000	184,000	1,030.00	189,520
1993	121,000	121,000	1,120.00	135,520
1994	193,000	193,000	1,090.00	210,370
1995	181,000	181,000	1,040.00	188,240
1996	223,000	223,000	839.00	187,097
1997	214,000	205,000	883.00	181,015
1998	108,000	103,000	764.00	78,692
1999 [3]	178,000	173,000	NA	NA

[1] The drying ratio is approximately 3 pounds of fresh fruit to 1 pound of dried fruit. [2] Equivalent returns at the processing plant door. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-65.—Prunes and plums: [1] Production, value, and utilization, 4-States, 1990–99

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*
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	19,500	18,700	442.00	8,272	10,650	1,900	5,700	450
1997	25,500	23,700	273.00	6,481	10,500	2,800	8,700	1,700
1998	25,600	24,800	311.00	7,707	11,750	4,150	7,250	1,650
1999 [3]	22,900	21,620	208.00	4,500	11,150	4,120	5,400	950

[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 5-66.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1997–99

State	Total production			Utilized production			Price per ton [2]		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Dollars*	*Dollars*	*Dollars*
ID	3,000	4,500	1,800	2,700	4,300	1,770	517.00	553.00	287.00
MI	4,000	3,600	4,000	4,000	3,600	3,750	348.00	300.00	299.00
OR	12,000	10,500	13,000	10,500	9,900	12,000	238.00	274.00	157.00
WA	6,500	7,000	4,100	6,500	7,000	4,100	184.00	219.00	241.00
Total, 4 States	25,500	25,600	22,900	23,700	24,800	21,620	273.00	311.00	208.00

[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 5-67.—Prunes and plums: Utilization and marketing year average price per ton, by State, 1993–99 [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:								
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)	2,100	(5)	460.00	(5)	267.00	(5)
1998	1,200	(5)	(5)	(5)	390.00	(5)	(5)	(5)
1999	1,100	(5)	(5)	(5)	440.00	(5)	(5)	(5)
WA:								
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)
1998	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
1999	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Total 4 States: [6]								
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	10,650	1,900	5,700	450	575.00	175.00	294.00	311.00
1997	10,500	2,800	8,700	1,700	448.00	76.00	149.00	159.00
1998	11,750	4,150	7,250	1,650	476.00	160.00	148.00	230.00
1999	11,150	4,120	5,400	950	232.00	217.00	135.00	297.00

[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 5-68.—Prunes, dried: United States exports by country of destination, 1996/97–1998/99

Country of destination	Year beginning September		
	1996/97	1997/98	1998/99
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	4,246	4,175	4,369
Mexico	1,091	1,276	794
Total	5,337	5,451	5,163
Europe:			
Germany	10,237	11,139	9,878
United Kingdom	5,473	4,794	6,957
Italy	5,676	6,489	5,592
Netherlands	1,959	1,451	4,097
Denmark	1,614	1,613	1,499
Finland	1,768	1,739	1,393
Spain	1,337	1,206	1,123
Sweden	1,812	1,784	1,467
Other	788	797	708
Total	30,664	31,012	32,714
Asia:			
Japan	14,980	20,271	19,696
Singapore	3,292	1,949	1,514
Taiwan	891	876	1,701
Malaysia	434	189	888
Hong Kong	1,154	754	736
Philippines	707	169	393
Other	338	84	124
Total	21,796	24,292	25,052
Other countries:			
Poland	951	1,057	1,337
Israel	1,082	1,132	1,261
Norway	1,103	1,006	1,103
Australia	821	730	957
New Zealand	716	631	945
Egypt	394	518	555
Venezuela	185	319	487
Dominican Republic	156	129	175
Brazil	342	273	115
Czech Republic	242	161	267
Saudi Arabia	28	36	106
Other	3,231	3,496	963
Total	9,251	9,488	8,271
Grand total	67,048	70,243	71,200

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

Table 5-69.—Prunes: Foreign trade, United States, 1988–97

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*
1988	21,879	365	717	24,068	27,585	58,031	1,278	181,560
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	290,737
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	34,480	69,913	57,936	1,702	126,498
1994	23,294	881	375	25,060	40,429	60,247	1,983	201,988
1995	20,218	826	250	21,610	67,193	62,548	1,811	234,279
1996	22,923	746	450	24,762	71,906	67,535	1,382	250,825
1997	19,509	811	213	20,791	48,855	70,831	1,491	236,614

[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 5-70.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1997–99

Utilization, season, and State	Production			Value per unit		
	1997	1998	1999 [1]	1997	1998	1999 [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	1,769	1,612	1,860	82.60	100.00	81.00
Total	1,769	1,612	1,860	82.60	100.00	81.00
Spring:						
AR	15	8	11	85.00	65.00	62.00
CA	9,618	9,086	10,185	61.40	68.70	71.30
LA	50	60	60	60.00	70.00	72.00
MI	87	82	71	80.00	79.00	78.00
NJ	20	20	20	83.30	44.20	63.50
NY	67	61	78	101.00	115.00	106.00
NC	180	200	176	70.00	75.00	80.00
OH	34	52	40	93.00	100.00	105.00
OR	35	26	17	86.00	70.00	86.00
PA	64	50	52	77.30	109.00	104.50
WA	23	20	24	96.00	92.00	107.00
WI	56	61	48	102.00	108.00	106.00
Total	10,249	9,726	10,782	62.60	69.80	72.30
US	12,018	11,338	12,642	65.60	74.10	73.50
PROCESSING						
Spring:						
CA	3,716	4,466	4,970	25.80	29.70	32.80
MI	11	13	19	41.00	47.00	46.00
OR	465	480	399	36.00	50.00	50.00
WA	68	100	96	34.00	42.00	50.00
US	4,260	5,059	5,484	27.10	31.90	34.40

[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 5-71.—Strawberries, commercial crop: Area, yield, production, value per hundred weight, and total value, United States, 1990–99

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*
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	51,230	282	14,465	46.30	669,937	10,108	54.00	546,033	4,357	28.40	123,904
1994	48,830	338	16,486	50.70	836,142	11,477	60.20	690,414	5,009	29.10	145,728
1995	48,080	333	16,020	50.70	811,634	11,456	60.40	692,249	4,564	26.20	119,385
1996	47,670	341	16,259	47.30	768,943	12,126	56.50	684,661	4,133	20.40	84,282
1997	44,260	368	16,278	55.50	903,350	12,018	65.60	787,974	4,260	27.10	115,376
1998	45,230	363	16,397	61.10	1,001,854	11,338	74.10	840,403	5,059	31.90	161,451
1999 [4]	45,560	398	18,126	61.70	1,118,401	12,642	73.50	929,761	5,484	34.40	188,640

[1] Excludes the following quantities not harvested and not marked because of economic conditions (1,000 hundredweight): 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 5-72.—Strawberries, commercial crop: Area harvested, production, value per hundred weight, by States, 1997–99 [1]

Season and State	Area harvested			Production			Value per unit		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
Winter:	*Acres*	*Acres*	*Acres*	*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*	*Dollars per cwt.*	*Dollars per cwt.*	*Dollars per cwt.*
FL	6,100	6,200	6,200	1,769	1,612	1,860	82.60	100.00	81.00
Total	6,100	6,200	6,200	1,769	1,612	1,860	82.60	100.00	81.00
Spring:									
AR	210	180	210	15	8	11	85.00	65.00	62.00
CA	22,600	24,200	24,600	13,334	13,552	15,155	51.50	55.80	58.70
LA	450	400	400	50	60	60	60.00	70.00	72.00
MI	1,500	1,400	1,400	98	95	90	75.60	74.60	71.20
NJ	450	450	450	20	20	20	83.30	44.20	63.50
NY	1,600	1,600	1,600	67	61	78	101.00	115.00	106.00
NC	1,500	1,600	1,600	180	200	176	70.00	75.00	80.00
OH	950	1,000	1,000	34	52	40	93.00	100.00	105.00
OR	5,000	4,400	4,200	500	506	416	39.50	51.00	51.50
PA	1,400	1,200	1,300	64	50	52	77.30	109.00	105.00
WA	1,400	1,500	1,500	91	120	120	49.70	50.30	61.40
WI	1,100	1,100	1,100	56	61	48	102.00	108.00	106.00
Total	38,160	39,030	39,360	14,509	14,785	16,266	52.20	56.90	59.50
US	44,260	45,230	45,560	16,278	16,397	18,126	55.50	61.10	61.70

[1] Includes quantities used for fresh market andprocessing. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-73.—Fruits, noncitrus: Production, utilization, and value, United States, 1990–99 [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*
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	17,124	6,317	2,386	2,369	1,743	584	3,256	261	6,036,615
1993	16,554	6,391	2,042	2,339	1,749	627	3,029	181	6,130,119
1994	17,339	6,710	2,090	2,816	1,886	665	2,711	228	6,268,176
1995	16,348	6,285	1,753	2,400	1,857	647	2,992	205	6,815,962
1996	16,103	6,313	1,873	2,275	1,582	604	3,043	180	7,265,788
1997	18,363	6,643	2,130	2,660	1,675	699	4,035	247	8,158,095
1998	16,509	6,508	1,824	1,909	1,725	743	3,315	213	7,246,920
1999 [3]	17,118	NA	NA	NA	NA	NA	NA	NA	8,238,841

[1] Includes the following crops: Apples, apricots, avocados, bananas, berries (beginning 1992), cherries, cranberries, dates, figs, grapes, guavas, kiwifruit, nectarines, olives, papayas, peaches, pears, pineapples, plums, prunes, and strawberries. [2] Includes ''Home Use,'' local and roadside sales. [3] Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-74.—Fruits: Arrivals at 4 markets, by commodities, 1998

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	9	201	210	26	162	188	98	423	521	50	142	192
Lemons	41	143	184	186	178	364	338	381	719	194	151	345
Limes	.....	42	42	.....	58	58	.....	325	325	.....	17	17
Mixed citrus	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oranges	63	545	608	292	354	646	642	642	1,284	372	325	697
Tangelos	.....	14	14	.....	8	8	.....	10	10	.....	6	6
Tangerines	2	63	65	.....	44	44	15	153	168	11	33	44
Temples	.....	9	9	.....	2	2	.....	20	20	.....	3	3
Citrus, other [4]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	115	1,017	1,740	504	806	1,310	1,093	1,954	3,047	627	677	1,304
Non-citrus:												
Apples	372	516	888	129	405	534	254	1,366	1,620	140	300	440
Apricots	.....	6	6	.....	4	4	.....	.....	.....	.....	6	6
Avocados	.....	36	36	.....	44	44	.....	101	101	.....	13	13
Bananas	.....	1,945	1,945	.....	2,281	2,281	.....	390	390	.....	438	438
Blueberries	.....	20	20	1	35	36	.....	18	18	.....	9	9
Cherries	.....	17	17	1	14	15	.....	3	3	.....	14	14
Cranberries	.....	2	2	.....	3	3	.....	.....	.....	.....	.....	.....
Grapes, table	.....	406	406	29	330	359	55	467	522	86	142	228
Grapes, juice	1	.....	1	10	18	28	20	.....	20	8	.....	8
Kiwifruit	.....	13	13	.....	10	10	.....	20	20	2	2	4
Mangoes	.....	20	20	.....	49	49	.....	91	91	.....	18	18
Mixed deciduous	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nectarines	.....	71	71	25	42	67	40	49	89	21	37	58
Papaya	.....	1	1	.....	6	6	.....	5	5	.....	.....	.....
Peaches	.....	95	95	25	72	97	36	46	82	19	40	59
Pears	8	142	150	64	140	204	122	519	641	67	111	178
Persimmons	.....	2	2	.....	2	2	.....	1	1	.....	7	7
Pineapples	22	51	73	19	89	108	.....	84	84	.....	6	6
Plantains	.....	61	61	.....	26	26	.....	86	86	.....	.....	.....
Plums	.....	67	67	14	46	60	37	53	90	21	55	76
Prunes	.....	1	1	.....	5	5	.....	.....	.....	.....	.....	.....
Pomegranates	.....	2	2	.....	2	2	.....	1	1	.....	2	2
Strawberries	.....	201	201	1	202	203	.....	164	164	.....	81	81
Fruits, other	.....	5	5	.....	4	4	.....	3	3	.....	1	1
Total	403	3,680	4,083	318	3,829	4,147	564	3,467	4,031	364	1,282	1,646
Grand total	518	4,697	5,823	822	4,635	5,457	1,657	5,421	7,078	911	1,959	2,950

[1] Includes Washington. [2] Includes Newark. [3] Estimated percentages of completeness for reported truck arrivals for 1998 are as follows: Baltimore 92, Boston 88, New York 70, and Philadelphia 80. [4] Not otherwise specified.

AMS, Fruit and Vegetable Division, Market News Branch, (202) 720–3343.

Table 5-75.—Fruits, fresh: Arrivals at 4 markets, by commodities, 1998

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	.....	108	108	73	360	433	.....	709	709	.....	305	305
Lemons	.....	191	191	272	473	745	8	761	769	.....	239	239
Limes	.....	111	111	.....	304	304	.....	411	411	.....	207	207
Mixed citrus	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	39	39
Oranges	.....	368	368	378	576	954	.....	2,378	2,378	.....	1,320	1,320
Tangelos	.....	15	15	.....	75	75	.....	11	11	.....	38	38
Tangerines	.....	48	48	.....	161	161	.....	203	203	.....	174	174
Temples	.....	4	4	.....	11	11	.....	.....	.....	.....	.....	.....
Citrus, other [3]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total	.....	845	845	723	1,960	2,683	8	4,473	4,481	.....	2,322	2,322
Noncitrus:												
Apples	12	534	546	237	926	1,163	1	1,952	1,953	.....	1,245	1,245
Apricots	.....	1	1	.....	23	23	2	35	37	.....	31	31
Avocados	.....	62	62	.....	270	270	170	232	402	.....	279	279
Bananas	.....	1,034	1,034	.....	722	722	4,944	1,973	6,917	.....	2,490	2,490
Blueberries	.....	6	6	2	29	31	5	14	19	.....	10	10
Cherries	.....	8	8	2	28	30	1	64	65	.....	57	57
Cranberries	.....	2	2	.....	8	8	.....	4	4	.....	6	6
Grapes, table	.....	248	248	69	503	572	221	554	775	.....	481	481
Grapes, juice	.....	.....	.....	18	.....	18	.....	.....	.....	.....	.....	.....
Kiwifruit	.....	7	7	.....	22	22	16	10	26	.....	21	21
Mangoes	.....	33	33	.....	136	136	4	431	435	.....	379	379
Mixed deciduous	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nectarines	.....	31	31	26	148	174	26	172	198	.....	138	138
Papaya	.....	.....	.....	.....	38	38	36	240	276	21	51	72
Peaches	.....	85	85	25	199	224	15	196	211	.....	216	216
Pears	.....	63	63	122	604	726	10	411	421	.....	291	291
Persimmons	.....	.....	.....	.....	1	1	.....	.....	.....	.....	12	12
Pineapples	.....	104	104	.....	243	243	116	26	142	145	16	161
Plaintains	.....	1	1	.....	.....	.....	.....	3	3	.....	65	65
Plums	.....	52	52	24	163	187	22	132	154	.....	91	91
Prunes	.....	.....	.....	.....	5	5	.....	.....	.....	.....	6	6
Pomegranates	.....	1	1	.....	4	4	.....	7	7	.....	1	1
Strawberries	.....	177	177	.....	358	358	3	506	509	1	192	193
Fruits, other [3]	.....	.....	.....	.....	3	3	26	29	55	.....	37	37
Total	12	2,449	2,461	525	4,433	4,958	5,618	6,991	12,609	167	6,115	6,282
Grand total	12	3,294	3,306	1,248	6,393	7,641	5,626	11,464	17,090	167	8,437	8,604

[1] Includes Oakland. [2] Estimated percentages of completeness for reported truck arrivals for 1998 are as follows: Atlanta 95, Chicago 88, Los Angeles 85, and San Francisco 85. [3] Not otherwise specified.

AMS, Fruit and Vegetables Division, Market News Branch (202) 720–3343.

Table 5-76.—Fruits, fresh: Total reported domestic rail, truck, and air shipments, 1998

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	2,809	2,629	3,129	2,198	815	106	9	7	147	1,780	2,057	2,344	18,030
Lemons	104	103	103	118	100	80	40	49	70	62	46	75	950
Limes	10	9	6	12	32	42	46	58	44	31	21	17	328
Mixed citrus	...	...	...	...	...	...	...	...	...	...	...	...	...
Oranges	1,096	843	927	938	730	342	86	62	97	688	1,241	1,972	9,021
Tangelos	94	3	1	...	...	...	...	...	...	2	97	304	501
Tangerines	365	295	411	154	19	36	...	...	7	340	548	729	2,894
Temples	186	131	40	1	...	...	...	...	...	...	...	4	362
Citrus, other [1]	...	...	...	...	...	...	...	...	...	8	4	...	12
Total	4,664	4,002	4,617	3,421	1,696	606	181	176	365	2,911	4,014	5,445	32,093
Noncitrus:													
Apples	3,871	3,609	3,749	3,386	3,752	1,721	2,107	2,276	3,427	5,539	4,607	4,091	42,135
Apricots	...	...	...	...	52	231	170	54	3	...	...	...	510
Avocados	336	234	275	301	411	334	401	405	146	137	69	139	3,188
Blueberries	...	...	...	6	70	176	269	47	16	...	...	...	584
Cranberries	...	...	...	...	...	...	...	...	2	25	39	1	67
Cherries	...	...	...	...	46	779	583	27	...	...	...	...	1,435
Grapes, table	122	5	...	...	170	1,446	1,240	2,629	2,997	2,127	1,680	788	13,204
Grapes, juice	...	...	...	...	...	...	...	...	32	25	...	...	57
Kiwifruit	166	95	10	...	...	...	...	...	...	44	73	78	466
Mangoes	...	...	...	...	...	...	...	...	...	...	...	...	...
Mixed deciduous	...	...	...	...	...	...	...	...	...	...	...	...	...
Nectarines	...	...	...	...	221	1,066	1,237	1,137	584	21	...	...	4,266
Papaya	24	26	21	28	25	21	25	20	18	25	23	26	282
Peaches	...	...	...	...	350	1,424	1,550	1,870	886	224	7	...	6,311
Pears	1,456	696	831	724	407	205	203	433	711	1,391	1,302	1,255	9,614
Pineapples	139	133	165	159	170	166	186	158	161	172	172	163	1,944
Plums	...	...	...	...	60	512	1,072	1,072	718	306	...	...	3,740
Prunes	...	...	...	...	...	...	...	41	19	4	...	...	64
Strawberries	320	345	936	1,740	1,583	1,566	1,244	715	629	374	114	186	9,752
Fruits, other [1]	...	...	...	...	...	...	6	15	35	30	24	18	128
Total	6,434	5,143	5,987	6,344	7,317	9,647	10,293	10,899	10,384	10,444	8,110	6,745	97,747
Grand total	11,098	9,145	10,604	9,765	9,013	10,253	10,474	11,075	10,749	13,355	12,124	12,190	129,845

[1] Not otherwise specified.
AMS, Fruit and Vegetable Division, Market News Branch, (202) 720–3343.

Table 5-77.—Fruits, dried: Production (dry basis), California, 1989–98

Year	Apples	Apricots	Dates	Figs [1]	Peaches [2]	Pears [3]	Prunes	Grapes [4]	Total
	Tons	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*	*Tons*
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	16,800	1,550	800	181,000	309,200	533,530
1996	NA	2,170	23,000	14,500	1,700	700	223,000	313,900	578,970
1997	NA	1,740	21,000	18,500	1,894	800	211,000	432,800	687,734
1998	NA	1,250	22,200	12,800	1,550	550	103,000	254,400	395,750

[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 5-78.—Fruits, dried: Commercial production in specified countries, 1996/97–1998/99

Commodity/country	1996/97	1997/98	1998/99 [1]
	Metric tons	*Metric tons*	*Metric tons*
Prunes:			
Chile	24,000	15,500	17,000
France	66,700	28,500	45,000
United States	202,302	194,138	97,976
Total	293,002	238,138	159,976

Commodity/country	1996/97	1997/98	1998/99 [1]
	Metric tons	*Metric tons*	*Metric tons*
Raisins:			
Australia	24,750	38,500	23,500
Chile	33,000	27,820	27,500
Greece	33,000	35,000	31,000
Mexico	16,000	18,000	22,000
South Africa	39,896	25,361	37,000
Turkey	200,000	240,000	250,000
United States	282,588	388,729	251,290
Total	629,234	773,410	642,290

[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 5-79.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1998 [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	.....	.....	66,075	58,791	124,866
Apricots	.....	.....	.....	.....	20,929
Cherries, sweet	.....	.....	9,745	11,883	21,628
Peaches	.....	.....	.....	110,491	110,491
Plums and prunes	.....	.....	.....	[9] 1,518	1,518
Purees, noncitrus [6]	.....	.....	1,482	98,757	100,239
Berries:					
Blackberries	.....	.....	.....	24,743	24,734
Blueberries	50,921	.....	24,491	15,438	90,850
Boysenberries	.....	.....	.....	.....	3,338
Loganberries	.....	.....	.....	.....	[8]
Raspberries, black	.....	.....	.....	.....	1,688
Raspberries, red	.....	.....	.....	.....	22,163
Strawberries	.....	.....	.....	.....	373,824
Miscellaneous fruits and berries [7]	.....	.....	70,155	37,561	107,716
Total	50,921	.....	171,948	359,173	1,003,984

[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] 1997 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] 1997 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 5-80.—Fruits, frozen: Commercial pack, United States, 1989–98

Commodity	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	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	123,260	125,540	149,423	115,525	93,016	91,709	113,278	114,332	119,180	124,866
Apricots	17,564	16,512	15,626	21,237	17,901	18,192	10,046	17,759	24,267	20,929
Cherries, sweet	14,010	13,695	14,555	20,095	16,037	18,480	27,032	14,945	24,515	21,628
Peaches	99,217	111,203	100,157	99,010	94,381	102,073	89,743	109,598	124,220	110,491
Plums and prunes	753	986	901	1,229	870	1,181	1,042	1,736	789	1,518
Purees, noncitrus	28,686	42,542	41,875	52,315	63,928	63,122	71,862	78,457	85,333	100,239
Berries:	.....									
Blackberries	13,765	18,619	13,647	31,498	23,118	24,226	26,823	20,404	26,272	24,734
Blueberries	89,274	102,141	98,030	123,738	139,059	110,017	118,064	90,085	122,767	90,850
Boysenberries	4,936	7,278	5,619	6,917	4,437	5,105	3,459	5,288	4,983	3,338
Loganberries	720	964	1,290	1,634	89	59	(1)	(1)	(1)	(1)
Raspberries	29,248	27,971	25,813	32,145	25,479	29,900	40,109	25,118	27,504	23,851
Strawberries	238,152	305,924	330,223	268,494	365,663	369,035	371,138	330,139	328,139	373,824
Miscellaneous fruits and berries	145,070	120,609	105,626	154,957	136,813	173,099	140,140	136,526	110,644	107,716
Total	804,691	893,894	902,785	928,794	980,791	1,006,198	1012,736	944,387	998,624	1,003,984

[1] Included in miscellaneous.

ERS, Specialty Crops Branch, (202) 694-5260. Data from American Frozen Food Institute.

Table 5-81.—Fruits: Per capita consumption, United States, 1989–98 [1]

Year	Fruits used fresh		
	Citrus fruit [2]	Noncitrus fruits [3]	Canned fruits [4]
	Per capita	Per capita	Per capita
	Pounds	*Pounds*	*Pounds*
1989	23.6	72.8	18.1
1990	21.4	70.4	18.4
1991	19.1	70.6	17.1
1992	24.4	73.8	19.8
1993	26.0	73.8	18.0
1994	25.0	75.6	18.3
1995	24.1	73.6	14.9
1996	25.0	74.0	16.4
1997	27.0	76.1	18.0
1998 [8]	27.1	76.5	15.3

Year	Canned juice [5]	Frozen fruit [6]	Dried fruits [7]
	Per capita	Per capita	Per capita
	Gallons	*Pounds*	*Pounds*
1989	7.4	3.7	3.3
1990	7.9	3.5	3.1
1991	7.4	3.5	3.0
1992	8.6	3.5	2.8
1993	8.5	3.4	3.0
1994	8.8	3.5	3.0
1995	8.8	3.8	2.8
1996	8.9	3.6	2.8
1997	9.3	3.3	2.7
1998 [8]	8.8	3.8	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, prune, and cranberry. [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 5-82.—All tree nuts: Supply and utilization, United States, 1989/90–1998/99

Market year [1]	Beginning stocks	Marketable production [2]	Imports	Total supply	Exports	Ending stocks	Domestic consumption	
							Total	Per capita Pounds
	—Million pounds (shelled)—							
1989/90	404.7	794.6	169.8	1,369.1	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	1,350.8	544.0	237.0	569.9	2.22
1993/94	237.0	947.1	214.5	1,398.7	508.4	279.7	610.6	2.35
1994/95	279.7	1,061.5	218.9	1,560.2	629.2	334.1	596.9	2.28
1995/96	334.1	770.1	204.0	1,308.2	545.7	251.9	510.6	1 .93
1996/97	251.9	816.9	226.0	1,294.8	607.2	156.4	531.1	1.99
1997/98 [3]	156.4	1,214.4	234.1	1,604.9	683.6	348.7	572.6	2.13
1998/99 [3]	348.7	848.7	239.7	1,437.2	620.9	204.8	611.4	2.25

[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 5-83.—Tree nuts: Commercial production in specified countries, 1996/97–98/99

Commodity and country	1996/97	1997/98	1998/99 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
Almonds (shelled basis):			
Greece	12.8	14.5	12.0
Italy	6.0	11.0	9.0
Morocco	5.1	11.0	8.0
Spain	60.0	75.0	30.0
Turkey	14.3	11.0	12.0
United States	231.3	344.3	235.9
Total	329.5	466.8	306.9
Hazelnuts (in-shell basis):			
Italy	95.0	77.0	118.0
Spain	6.5	16.0	10.0
Turkey	440.0	475.0	650.0
United States	17.2	42.6	14.1
Total	558.7	610.6	792.1
Walnuts:			
Chile	10.9	10.0	10.9
China	238.0	249.0	251.0
France	22.1	23.5	24.6
India	29.0	24.0	30.0
Italy	12.0	21.0	12.0
Turkey	66.0	66.0	70.0
United States	188.7	244.0	205.9
Total	566.7	637.5	604.4

[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 5-84.—Almonds (shelled basis): Bearing acreage, yield, production, price, and value, California, 1990–99 [1]

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	*Pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1990	411,000	1,610	660,000	0.93	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	413,000	1,190	490,000	1.94	930,618
1994	433,000	1,700	735,000	1.34	965,202
1995	418,000	885	370,000	2.48	880,896
1996	428,000	1,190	510,000	2.08	1,018,368
1997	442,000	1,720	759,000	1.56	1,160,640
1998	460,000	1,130	520,000	1.41	703,590
1999	480,000	1,730	830,000	0.85	677,280

[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): 1990—17.0; 1991—15.9; 1992—16.2; 1993—10.3. 1994—14.7; 1995—14.8; 1996—20.4; 1997—15.0; 1998—21.0; 1999—33.2.

NASS, Crops Branch, (202) 720–2127.

Table 5-85.—Almonds (shelled basis [1]): Foreign trade, United States, 1988–97

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1988	150	136,177	1993	47	125,014
1989	26	144,633	1994	66	213,657
1990	50	133,740	1995	68	279,338
1991	53	121,831	1996	25	162,629
1992	27	114,530	1997	28	182,157

[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 5-86.—Hazelnuts (in-shell basis): Bearing acreage, yield, production, price, and value, United States, 1990–99 [1]

Year	Bearing Acreage	Yield per acre	Production	Price per ton	Value
	Acres	Tons	Tons	Dollars	*1,000 dollars*
			Oregon		
1990	27,000	0.80	21,500	783	16,835
1991	27,200	0.93	25,300	726	18,368
1992	26,800	1.03	27,500	552	15,180
1993	26,700	1.52	40,700	633	25,763
1994	27,200	0.77	21,000	834	17,514
1995	27,600	1.40	38,700	913	35,333
1996	28,200	0.66	18,750	859	16,106
1997	28,600	1.63	46,650	899	41,938
1998	29,100	0.53	15,400	964	14,846
1999	28,800	1.31	37,700	882	33,251
			Washington		
1990	300	0.67	200	880	176
1991	270	0.74	200	755	151
1992	230	0.87	200	620	124
1993	330	0.91	300	683	205
1994	350	0.57	200	900	180
1995	380	0.79	300	935	281
1996	400	0.63	250	940	235
1997	400	0.88	350	940	329
1998	430	0.23	100	960	96
1999	400	0.75	300	920	276
			United States		
1990	27,300	0.79	21,700	784	17,011
1991	27,470	0.93	25,500	726	18,519
1992	27,030	1.02	27,700	552	15,304
1993	27,030	1.52	41,000	633	25,968
1994	27,550	0.77	21,200	835	17,694
1995	27,980	1.39	39,000	913	35,614
1996	28,600	0.66	19,000	860	16,341
1997	29,000	1.62	47,000	899	42,267
1998	29,530	0.52	15,500	964	14,942
1999	29,200	1.30	38,000	882	33,527

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

Table 5-87.—Hazelnuts (shelled basis [1]): Foreign trade, United States, 1988–97

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1988	7,373	2,210	1993	2,937	3,738
1989	3,034	2,109	1994	6,927	4,117
1990	3,987	2,987	1995	3,525	6,849
1991	2,514	3,845	1996	3,718	5,825
1992	3,962	2,676	1997	4,265	10,119

[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 5-88.—Macadamia nuts (in-shell basis): Bearing acreage, yield, production, price, and value, Hawaii, 1990–99

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	Pounds	*1,000 pounds*	*Cents*	*1,000 dollars*
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	19,200	3,020	58,000	75.0	43,500
1998	19,200	2,990	57,500	65.0	37,375
1999 [1]	18,900	2,800	53,000	67.0	35,510

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

Table 5-89.—Pecans (in-shell basis): Production, price per pound, and value, United States, 1990–99

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*
1990[1]	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	154.0	164,333	41,100	112.0	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	174,800	112.0	195,216	76,800	72.5	55,678	267,500	101.0	271,377
1996[2]	165,125	68.9	113,749	44,375	46.4	20,606	209,500	64.1	134,355
1997	202,900	93.3	189,226	132,100	53.0	69,994	335,000	77.4	259,220
1998	112,000	135.0	150,908	34,400	77.2	26,544	146,400	121.0	177,452
1999[3]	232,160	97.3	225,957	109,540	53.4	58,522	341,700	83.3	284,479

[1] AZ, KS, MO, and TN included in all, no breakdown between improved varieties and native and seedling varieties available. [2] MO and TN discontinued. [3] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-90.—Pecans (in-shell basis): Production and marketing year average price per pound, by States, 1997–99

Item and State	Production			Price for crop of—		
	1997	1998	1999[1]	1997	1998	1999[1]
IMPROVED VARIETIES[2]	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*Dollars*	*Dollars*	*Dollars*
AL	7,000	3,500	8,000	0.760	0.954	0.780
AZ	18,500	13,000	21,700	1.250	1.590	1.250
AR	1,200	300	760	0.750	1.150	0.790
CA	3,000	1,700	2,400	1.320	1.660	1.170
FL	600	200	1,500	1.000	1.100	1.000
GA	77,000	35,000	80,000	0.904	1.240	0.870
LA	2,000	3,000	4,000	0.900	1.000	0.950
MS	2,600	800	3,000	0.844	0.870	1.050
NM	45,000	32,000	50,000	0.940	1.490	1.000
NC	900	1,500	1,000	0.950	1.000	0.800
OK	3,000	200	4,000	0.760	1.220	1.050
SC	2,100	800	800	0.840	1.240	0.730
TX	40,000	20,000	55,000	0.863	1.300	1.010
US	202,900	112,000	232,160	0.933	1.350	0.973
NATIVE AND SEEDLING						
AL	6,000	1,500	5,000	0.518	0.674	0.480
AR	2,300	250	3,040	0.630	0.880	0.700
FL	1,200	1,100	1,400	0.600	0.750	0.600
GA	23,000	5,000	10,000	0.591	1.110	0.650
KS	4,200	50	3,500	0.670	0.880	0.920
LA	10,000	13,000	14,000	0.480	0.600	0.500
MS	1,400	400	1,000	0.583	0.660	0.550
NC	600	1,000	300	0.650	0.800	0.600
OK	32,000	1,800	41,000	0.550	0.680	0.500
SC	1,400	300	300	0.610	1.020	0.680
TX	50,000	10,000	30,000	0.477	0.850	0.500
US	132,100	34,400	109,540	0.530	0.772	0.534
ALL PECANS						
AL	13,000	5,000	13,000	0.648	0.870	0.665
AZ	18,500	13,000	21,700	1.250	1.590	1.250
AR	3,500	550	3,800	0.671	1.030	0.718
CA	3,000	1,700	2,400	1.320	1.660	1.170
FL	1,800	1,300	2,900	0.733	0.804	0.807
GA	100,000	40,000	90,000	0.832	1.220	0.846
KS	4,200	50	3,500	0.670	0.880	0.920
LA	12,000	16,000	18,000	0.550	0.675	0.600
MS	4,000	1,200	4,000	0.753	0.800	0.925
NM	45,000	32,000	50,000	0.940	1.490	1.000
NC	1,500	2,500	1,300	0.830	0.920	0.754
OK	35,000	2,000	45,000	0.568	0.734	0.547
SC	3,500	1,100	1,100	0.748	1.180	0.716
TX	90,000	30,000	85,000	0.649	1.150	0.851
US	335,000	146,400	341,700	0.774	1.210	0.833

[1] Preliminary. [2] Budded, grafted or topworked varieties.

NASS, Crops Branch, (202) 720–2127.

Table 5-91.—Pecans (shelled basis[1]): Foreign trade, United States, 1988–97

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1988	757	2,641	1993	9,192	7,616
1989	6,391	5,062	1994	13,571	6,119
1990	10,516	7,607	1995	12,782	7,917
1991	8,262	7,767	1996	10,743	8,819
1992	12,864	7,067	1997	14,576	9,797

[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 5-92.—Pistachios (in-shell basis): Bearing acreage, yield, production, price, and value, California, 1990–99

Year	Bearing Acreage	Yield per acre	Production	Price per pound	Value
	Acres	Pounds	*1,000 pounds*	*Dollars*	*1,000 Dollars*
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	0.921	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	65,400	2,750	180,000	1.13	203,400
1998	68,000	2,760	188,000	1.03	193,640
1999[1]	71,000	1,730	123,000	1.31	161,130

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

Table 5-93.—Walnuts (English): Bearing acreage, yield, production, price, and value, California, 1990–99

Year	Bearing Acreage	Yield per acre	Production	Price per ton	Value
	Acres	*Tons*	*Tons*	*Dollars*	*1,000 dollars*
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	185,000	1.41	260,000	1,390	361,400
1994	189,000	1.23	232,000	1,030	238,960
1995	193,000	1.21	234,000	1,400	327,600
1996	192,000	1.08	208,000	1,580	328,640
1997	193,000	1.39	269,000	1,430	384,670
1998	193,000	1.18	227,000	1,050	238,350
1999[1]	193,000	1.47	283,000	NA	NA

[1]Preliminary. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 5-94.—Walnuts (shelled basis[1]): Foreign trade, United States, 1988–97

Year beginning October	Imports	Domestic exports	Year beginning October	Imports	Domestic exports
	Metric tons	*Metric tons*		*Metric tons*	*Metric tons*
1988	72	31,646	1993	336	38,396
1989	66	34,912	1994	319	42,080
1990	65	30,973	1995	1,050	45,997
1991	26	43,748	1996	2,662	46,811
1992	3,835	30,172	1997	97	39,341

[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 5-95.—Cacao beans: United States imports by country of origin, 1996–98

Continent and country	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Costa Rica	94	136	109
Dominican Republic	45,077	36,920	43056
Guatemala	5	35	53
Haiti	816	1,591	2049
Honduras	0	0	60
Mexico	3,966	9,145	7104
Trinidad and Tobago	841	892	141
Other countries	533	275	170
Total	51,332	48,994	52742
South America:			
Brazil	26,849	4,154	2105
Colombia	0	0	0
Ecuador	45,018	21,501	1725
Peru	0	0	0
Venezuela	605	801	63
Total	72,472	26,456	3893
Africa:			
Nigeria	3,504	2,177	2654
Cote d'Ivoire	194,562	131,600	196813
Ghana	20,221	4,150	11875
Other countries	66	1,805	0
Total	218,353	139,732	199467
Asia and Oceania:			
Indonesia	102,474	119,154	135167
Malaysia	0	60	40
Papua New Guinea	7,209	3,997	13780
Other countries	73	525	3
Total	109,756	123,736	148990
Europe:	1,167	2,798	169
Grand total	453,079	341,715	405261

[1] Preliminary.

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

Table 5-96.—Cacao beans: Exports from principal producing countries 1995/96–1997–98

Continent and country	1995/96	1996/97	1997/98 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Costa Rica	796	790	550
Dominican Republic	49,905	41,117	53,722
Grenada	890	940	1,134
Haiti	3,348	4,070	3,760
Honduras	2,000	1,447	715
Jamaica	1,042	1,350	1,470
Mexico	2,886	8,881	11,001
Trinidad and Tobago	1,509	1,591	1,108
Other countries	593	664	731
Total	62,969	60,850	74,191
South America:			
Brazil	27,355	11,615	6,997
Colombia	960	370	588
Ecuador	64,013	54,238	10,049
Venezuela	7,788	8,923	7,805
Other Countries	538	179	213
Total	100,654	75,325	25,652
Africa:			
Benin	0	0	193
Cameroon	93,069	95,200	84,473
Congo	600	870	1,085
Equatorial Guinea	4,500	3,630	5,240
Gabon	1,022	700	542
Guinea	4,500	4,920	9,050
Africa—Con.			
Ghana	330,646	266,550	325,519
Cote d'Ivoire	1,037,989	928,498	948,400
Kenya	10	22	70
Liberia	760	580	1,980
Madagascar	1,773	2,048	3,220
Nigeria	146,754	150,000	143,150
Sao Tome and Principe	3,370	2,830	3,520
Sierra Leone	3,190	4,100	2,110
Tanzania	2,460	3,200	3,160
Togo	5,140	9,000	5,924
Uganda	960	1,260	710
Zaire	3,060	2,500	2,600
Total	1,639,800	1,475,910	1,540,950
Asia and Oceania:			
Indonesia	223,884	264,383	256,360
Malaysia	46,628	33,216	14,656
Papua New Guinea	35,423	28,210	29,145
Solomon Islands	3,950	3,000	5,000
Sri Lanka	20	60	100
Vanuatu	1,800	960	1,207
Other Countries	620	512	1,598
Total	312,330	330,340	308,070
Grand total	2,115,750	1,942,430	1,948,850

[1] Preliminary

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

Table 5-97.—Coffee: United States imports by country of origin, 1996–98 [1]

Continent and country	1996	1997	1998 [2]
	1,000 bags	*1,000 bags*	*1,000 bags*
North America: [3]			
Costa Rica	482	608	771
Dominican Republic	255	150	164
El Salvador	401	500	501
Guatemala	1,748	1,921	1,563
Honduras	262	321	634
Mexico	3,734	2,935	2,471
Other countries	129	171	264
Total	7,011	6,605	6,368
South America:			
Brazil	1,852	2,331	2,688
Colombia	3,011	3,179	3,410
Ecuador	665	431	347
Peru	441	652	771
Venezuela	445	65	146
Other countries	3	11	6
Total	6,417	6,671	7,368
Africa:			
Burundi	3	69	44
Cameroon	49	34	19
Cote d'Ivoire	22	141	272
Africa—Con.			
Ethiopia	137	308	183
Kenya	100	104	85
Madagascar	0	30	128
Rwanda	48	15	13
Uganda	125	239	85
Zaire	0	2	0
Other countries	30	84	91
Total	514	1,026	920
Asia and Oceania:			
India	383	250	329
Indonesia	1,246	1,325	1,273
Papua, New Guinea	84	79	94
Philippines	0	0	0
Thailand	713	634	461
Vietnam	1,081	1,363	1,508
Other countries	33	88	33
Total	3,540	3,739	3,698
Other countries	465	816	643
Grand total	17,947	18,848	18,998

[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 5-98.—Coffee: Area, yield, total production, marketing year average price, and value, Hawaii, 1990–91 to 1999–2000

Season	Area harvested	Yield per harvested acre	Production [1]	Price per pound	Value
	Acres	*1,000 pounds*	*1,000 pounds*	*Dollars*	*1,000 dollars*
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	0.6	2,400	1.70	4,080
1993–94	4,200	0.7	2,900	2.25	6,525
1994–95	4,400	1.0	4,300	2.80	12,040
1995–96	5,500	1.0	5,400	3.00	16,200
1996–97	5,400	1.2	6,400	3.25	20,800
1997–98	5,800	1.6	9,400	3.00	28,200
1998–99	6,100	1.6	9,500	2.60	24,700
1999–2000 [2]	6,400	1.6	10,500	2.00	21,000

[1] Parchment basis. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 5-99.—Coffee: Exports from principal producing countries, 1996–98 [1]

Continent and country of origin	1996	1997	1998 [2]
	1,000 bags	*1,000 bags*	*1,000 bags*
North America:			
Costa Rica	2,430	2,098	2,034
Cuba	112	107	152
Dominican Republic	453	307	360
El Salvador	2,314	2,772	1,684
Guatemala	3,979	4,244	3,526
Haiti	156	102	145
Honduras	2,060	1,722	2,329
Jamaica	27	30	17
Mexico	4,633	4,502	3,399
Nicaragua	822	714	941
Panama	139	124	159
Trinidad and Tobago	4	4	5
Total	17,129	16,726	14,751
South America:			
Bolivia	123	111	97
Brazil	15,301	16,839	18,148
Colombia	10,588	10,919	11,258
Ecuador	1,539	1,040	1,116
Paraguay	15	10	8
Peru	1,676	1,648	1,915
Venezuela	495	104	265
Total	29,737	30,671	32,807
Africa:			
Angola	52	50	54
Burundi	224	529	373
Cameroon	564	1,368	746
Central African Republic	98	193	102
Congo, Republic of	13	3	0
Equatorial Guinea	2	1	0
Africa—Con.			
Ethiopia	1,838	1,980	1,917
Gabon	2	0	2
Ghana	4	30	18
Guinea	32	114	124
Cote d'Ivoire	2,751	4237	3,977
Kenya	1,902	1,159	841
Madagascar	754	480	450
Malawi	60	60	59
Nigeria	7	7	8
Rwanda	265	197	232
Sierra Leone	29	47	40
Tanzania	970	655	743
Togo	85	313	166
Uganda	4,655	3,502	3,286
Zaire	829	527	610
Zambia	36	39	29
Zimbabwe	150	109	150
Total	15,322	15,600	13,927
Asia and Oceania:			
India	3,120	2,640	3,475
Indonesia	6,439	5,747	5,517
Papua New Guinea	1,090	1,043	1,348
Philippines	27	31	21
Sri Lanka	12	21	33
Thailand	873	1,066	778
Vietnam	3,779	6,177	6,376
Total	15,340	16,725	17,548
Grand total	77,527	79,722	79,030

[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 5-100.—Tea: United States imports by country of origin, 1996–98

Continent and country	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	199	152	122
Total	199	157	122
Central and South America: [2]			
Argentina	26,888	28,979	35,732
Brazil	1,993	1,308	1,577
Ecuador	525	575	613
Other countries	147	191	.....
Total	29,553	31,060	37,965
Europe:			
Germany	4,779	4,860	3,023
Netherlands	188	436	790
United Kingdom	684	861	745
Other countries	197	469	.....
Total	5,848	6,627	5,187
Asia and Oceania:			
China	21,698	18,203	20,439
Taiwan	438	497	358
Asia and Oceania—Con.			
Hong Kong	306	173	159
India	3,615	3,838	3,718
Indonesia	12,099	8,184	9,827
Japan	204	236	270
Papua New Guinea	1,142	560	634
Sri Lanka	4,229	3,308	4,446
Other countries	522	872	2,132
Total	44,254	35,872	41,983
Africa:			
Kenya	4,328	3,685	5,042
Malawi	3,643	2,827	5,155
Mozambique	0	0	0
Rwanda	53	56	72
South Africa	477	418	424
Tanzania	738	437	391
Other countries	52	76	288
Total	9,294	7,500	11,372
Grand total	89,147	81,210	96,631

[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 5-101.—Agaricus mushrooms: Area, volume of sales, marketing year average price, and value of sales, United States, 1989/90–1998/99 [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*
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	136,461	776,677	94.0	730,296	605,728	124,568
1997–98	145,094	808,678	95.7	773,617	670,168	103,449
1998–99	150,037	848,401	97.7	828,557	709,492	119,065

[1] Marketing year begins July 1 and ends June 30 the following year.

NASS, Crops Branch, (202) 720–2127.

Table 5-102.—Mushrooms, canned: United States imports by country of origin, 1993–97

Country	1993 [1]	1994 [1]	1995 [1]	1996 [1]	1997 [1]
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
Canada	123	282	283	270	367
Chile	1,427	4,802	4,835	3,221	2,463
China, Peoples Republic of	11,855	17,146	30,356	30,614	30,486
Columbia	0	852	1,958	1,852	450
France	427	297	50	13	24
Hong Kong	8,093	11,389	3,930	2,387	1,769
India	990	2,131	2,699	1,981	4,513
Indonesia	9,720	11,299	13,951	12,199	14,420
Malaysia	314	630	542	187	43
Mexico	2,478	2,167	1,748	1,874	2,139
Netherlands	612	5,703	2,462	702	600
Spain	266	1,393	592	280	172
Taiwan	1,667	966	897	1,163	995
Thailand	2,457	1,789	1,226	269	330
Other	365	181	143	86	137
Total	40,794	61,027	65,672	57,098	58,908

[1] Includes straw mushrooms.

FAS, Horticultural and Tropical Products Division, (202) 720–6086. Compiled from reports of the U.S. Department of Commerce.

Table 5-103.—Specialty mushrooms: Number of growers, total production, volume of sales, price per pound, and value of sales, July 1–June 30, 1996–97/1998–99 [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*
1996–97					
Shiitake [5]	.....	7,025	6,661	3.39	22,560
Oyster	.....	2,695	2,542	2.59	6,595
Other	.....	1,609	1,485	4.70	6,983
US [4]	182	11,329	10,688	3.38	36,138
1997–98					
Shiitake [5]	.....	6,624	6,281	3.15	19,774
Oyster	.....	2,210	2,073	1.94	4,014
Other	.....	1,277	1,168	4.18	4,885
US [4]	198	10,111	9,522	3.01	28,673
1998–99					
Shiitake [5]	.....	8,670	8,244	3.15	25,933
Oyster	.....	3,714	3,532	2.15	7,599
Other	.....	1,256	1,201	4.21	5,057
US [4]	188	13,640	12,977	2.97	38,589

[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 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, WV, and WI. 1997-98: AR, CA, CT, FL, GA, HI, ID, IL, IA, KS, KY, ME, MD, MA, MI, MN, MO, NH, NJ, NY, NC, OH, OK, OR, PA, SC, VA, WA, WV, and WI. 1998-99: AR, CA, CT, FL, GA, HI, ID, IL, IA, KS, KY, ME, MD, MA, MI, MN, MO, NH, NJ, NY, NC, OH, OK, OR, PA, SC, VT, VA, WA, WV, and WI. [5] Includes small quantity of logs producing oyster and other mushrooms. These logs are not published separately to avoid disclosure of operations.

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Table 5-104.—Cut flowers: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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*
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	92,160	14.5	13,345	5,562	1.32	7,330
1997	74,368	15.8	11,739	4,907	1.52	7,441
1998	63,101	15.6	9,863	4,237	1.45	6,141
	Standard chrysanthemums			Pompon chrysanthemums		
	1,000 blooms	*Cents*	*1,000 dollars*	*1,000 bunches*	*Dollars*	*1,000 dollars*
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	15,184	55.6	8,438	12,003	1.26	15,145
1997	11,643	47.7	5,550	12,562	1.30	16,341
1998	14,068	52.8	7,427	12,867	1.31	16,827
	Hybrid Tea roses			Sweetheart roses		
	1,000 blooms	*Cents*	*1,000 dollars*	*1,000 blooms*	*Cents*	*1,000 dollars*
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	309,663	34.2	105,823	43,251	26.6	11,523
1997	343,879	32.0	109,914	44,706	28.2	12,601
1998	272,678	33.8	92,090	52,630	27.3	14,371
	Gladioli			Other cut flowers		
	1,000 spikes	*Cents*	*1,000 dollars*			*1,000 dollars*
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	144,941	22.9	33,260	.....	.....	217,836
1997	154,650	22.5	34,861	.....	.....	273,122
1998	127,151	27.0	34,342	.....	.....	237,882

[1] Data not comparable because in 1989–91 28 States were surveyed and in 1992–98 36 were surveyed. [2] Equivalent wholesale value of all sales.

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Table 5-105.—Cut Greens: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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*
1989	81,220	0.81	65,493	.....	.....	33,358
1990	81,637	0.84	68,476	.....	.....	38,108
1991	86,478	0.83	71,484	.....	.....	38,555
1992	78,880	0.85	66,718	.....	.....	44,806
1993	85,239	0.85	72,142	.....	.....	43,837
1994	78,912	0.86	67,544	.....	.....	51,703
1995	74,968	0.85	63,485	.....	.....	49,639
1996	77,982	0.87	67,993	.....	.....	50,192
1997	78,707	0.82	64,373	.....	.....	51,811
1998	77,648	0.82	63,580	.....	.....	62,007

[1] Data not comparable because in 1989–91 28 States were surveyed and in 1992–98 36 were surveyed. [2] Equivalent wholesale value of all sales.

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Table 5-106.—Potted flowering and foliage plants: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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*
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	20,683	269	1.06	3.79	23,029
1997	19,736	338	1.09	3.23	22,584
1998	18,911	283	1.14	2.77	22,288
	Florist chrysanthemums				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
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	8,905	19,825	1.42	3.64	84,726
1997	7,779	19,328	1.49	3.68	82,632
1998	7,001	17,759	1.54	3.49	72,671

See footnotes at end of table.

Table 5-106.—Potted flowering and foliage plants: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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	
	Cyclamen [3]				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
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	3,087	2,556	2.12	4.02	16,824
1997	3,129	2,767	2.17	4.02	17,902
1998	2,752	2,650	2.25	3.82	16,320
	Florist azaleas				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
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	3,251	8,567	1.77	4.45	43,843
1997	3,350	9,584	1.82	3.77	42,186
1998	2,657	9,304	1.99	3.96	42,120
	Kalanchoes [3]				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
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	3,410	2,692	1.40	3.35	13,800
1997	3,615	2,863	1.44	3.51	15,251
1998	3,918	2,980	1.50	3.70	16,907
	Easter lilies				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
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	182	9,399	2.88	3.99	38,012
1997	177	12,175	2.72	3.76	46,278
1998	350	11,624	3.20	3.73	44,472

See footnotes at end of table.

Table 5-106.—Potted flowering and foliage plants: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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*
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	.....	.....	.....	.....	.....
1997	.....	.....	.....	.....	.....
1998	.....	.....	.....	.....	.....
	Poinsettias				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
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	12,819	46,873	1.92	4.07	215,248
1997	13,446	48,999	1.85	4.14	227,729
1998	13,028	45,227	1.88	4.15	211,984
	Other flowering [6]				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
1989	29,146	30,906	1.61	3.68	160,576
1990	47,145	35,989	2.07	4.41	256,428
1991	57,291	41,920	2.14	4.20	298,841
1992	67,932	49,395	2.00	4.10	338,608
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	52,440	39,266	1.30	3.41	201,865
1997	47,538	37,930	1.32	3.58	198,451
1998	41,542	35,984	1.75	3.81	209,822
	Potted Orchids [5]				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	.....	.....	.....	.....	.....
1995	.....	.....	.....	.....	.....
1996	5,212	3,380	4.00	7.74	46,993
1997	4,134	5,447	5.93	8.32	69,856
1998	3,356	5,033	6.19	8.60	64,043
	Foliage				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
1989	.....	.....	.....	.....	405,364
1990	.....	.....	.....	.....	400,539
1991	.....	.....	.....	.....	376,071
1992	.....	.....	.....	.....	350,915
1993	.....	.....	.....	.....	350,581
1994	.....	.....	.....	.....	400,232
1995	.....	.....	.....	.....	413,566
1996	.....	.....	.....	.....	432,976
1997	.....	.....	.....	.....	421,398
1998	.....	.....	.....	.....	441,842

[1] Data not comparable because in 1989–91 28 States were surveyed and in 1992–98 36 were surveyed. [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] 1994-98 data not comparable with 1989-93 which includes data for cyclamen and kalanchoes. Potted orchids were included in other flowering prior to 1996.

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Table 5-107.—Flowering & foliage hanging baskets: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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*
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	4,691	6.43	30,142	4,004	5.22	20,891
1997	5,066	6.38	32,333	4,339	5.05	21,912
1998	4,664	6.56	30,611	4,029	4.98	20,048
	New Guinea Impatiens [3]			Petunias [3]		
	1,000 baskets	*Dollars*	*1,000 dollars*	*1,000 baskets*	*Dollars*	*1,000 dollars*
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	4,210	6.32	26,604	1,664	5.40	8,984
1997	4,674	6.25	29,198	2,013	5.40	10,876
1998	4,190	6.40	26,817	2,136	5.41	11,566
	Other flowering hanging baskets [4]			Foliage		
	1,000 baskets	*Dollars*	*1,000 dollars*	*1,000 baskets*	*Dollars*	*1,000 dollars*
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	15,595	5.76	89,874	19,736	3.85	75,971
1997	18,093	5.70	103,183	20,066	3.92	78,566
1998	18,845	5.89	110,935	14,861	4.14	61,561

[1] Data not comparable because in 1989–91 28 States were surveyed and in 1992–98 36 were surveyed. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994. [4] 1994-98 data are not comparable with 1989-93 which includes geraniums, impatiens, New Guinea impatiens, and petunias.

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Table 5-108.—Bedding plant flats: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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*
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	4,462	9.55	42,598	15,722	6.96	109,475
1997	3,940	9.46	37,281	18,147	6.97	126,394
1998	3,277	8.91	29,207	16,587	6.66	110,528
	New Guinea Impatiens [3]			Petunias [3]		
	1,000 flats	*Dollars*	*1,000 dollars*	*1,000 flats*	*Dollars*	*1,000 dollars*
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	877	8.98	7,873	10,761	7.10	76,359
1997	861	9.86	8,487	11,818	7.36	87,014
1998	639	10.30	6,582	11,439	7.21	82,481
	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*
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	57,654	7.20	414,932	10,666	7.46	79,578
1997	70,958	7.46	529,375	12,624	7.82	98,755
1998	62,424	7.54	470,972	11,818	7.70	91,039

[1] Data not comparable because in 1989–91 28 States were surveyed and in 1992–98 36 were surveyed. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994. [4] 1994-98 data not comparable with 1989-93 which includes impatiens, New Guinea impatiens, and petunias. [5] Does not include vegetable transplants grown for use in commercial vegetable production.

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Table 5-109.—Potted flowering and foliar type bedding plants: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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*
1989	9,638	15,814	0.96	1.87	38,769
1990	15,829	15,223	0.76	1.85	40,248
1991	15,250	17,059	0.80	1.87	44,034
1992	16,413	20,712	0.84	1.84	55,666
1993	13,347	25,694	0.81	1.75	55,745
1994	13,574	25,473	0.83	1.83	57,923
1995	13,761	29,545	0.80	1.83	65,001
1996	13,001	32,588	0.82	1.79	69,078
1997	12,686	36,067	0.89	1.86	78,316
1998	15,044	39,768	0.90	1.93	90,425
	Geraniums (cuttings)				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
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	40,770	15,287	1.30	2.57	92,457
1997	40,620	15,190	1.41	2.61	97,123
1998	47,038	16,438	1.39	2.63	108,437
	Geraniums (seed)				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
1989	41,919	2,612	0.81	2.32	39,898
1990	44,182	1,863	0.77	2.15	37,862
1991	40,526	1,899	0.80	2.24	36,727
1992	45,542	1,882	0.80	2.44	41,126
1993	47,211	2,079	0.77	2.08	40,758
1994	48,612	2,107	0.80	2.24	43,551
1995	46,913	2,377	0.80	1.84	42,035
1996	42,339	2,184	0.82	1.91	38,841
1997	44,198	3,781	0.80	1.90	42,675
1998	40,870	2,004	0.80	1.79	36,293
	Impatiens [3]				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	21,820	1,721	0.57	1.45	14,874
1995	21,916	2,334	0.64	1.57	17,585
1996	20,098	2,513	0.64	1.54	16,828
1997	20,791	3,211	0.63	1.53	18,102
1998	20,566	3,934	0.65	1.53	19,311

See footnotes at end of table.

Table 5-109.—Potted flowering and foliar type bedding plants: Sales and wholesale value for operations with $100,000+ sales, Surveyed States, 1989–98 [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*
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	10,499	3,732	1.20	2.35	21,364
1997	11,960	4,427	1.31	2.38	26,222
1998	13,706	3,895	1.30	2.45	27,285
	Petunias [3]				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
1989	.....	.....	.....	.....	.....
1990	.....	.....	.....	.....	.....
1991	.....	.....	.....	.....	.....
1992	.....	.....	.....	.....	.....
1993	.....	.....	.....	.....	.....
1994	11,191	959	0.65	1.45	8,679
1995	10,656	1,129	0.66	1.78	9,030
1996	10,520	1,813	0.66	1.58	9,797
1997	9,061	1,985	0.68	1.60	9,321
1998	10,139	2,408	0.68	1.57	10,698
	Other flowering/foliar type [4]				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
1989	138,591	29,915	0.67	1.51	138,092
1990	149,347	36,103	0.69	1.79	168,126
1991	184,546	42,041	0.68	1.74	199,291
1992	240,921	38,322	0.71	1.86	241,175
1993	210,780	37,230	0.72	1.95	224,947
1994	171,536	46,786	0.73	2.06	221,258
1995	159,627	54,664	0.78	1.79	221,883
1996	134,216	83,260	0.82	1.69	250,656
1997	170,526	78,583	0.94	2.58	363,277
1998	208,047	102,728	0.95	2.87	492,206
	Vegetable type [5]				
	1,000 pots	*1,000 pots*	*Dollars*	*Dollars*	*1,000 dollars*
1989	10,225	2,350	0.66	1.49	10,295
1990	9,214	1,798	0.64	1.68	8,956
1991	13,614	1,946	0.67	1.53	12,132
1992	17,537	2,488	0.63	1.60	15,058
1993	13,761	2,311	0.73	1.50	13,530
1994	14,803	2,950	0.70	1.48	14,666
1995	16,185	2,910	0.74	1.56	16,596
1996	19,127	4,827	0.74	1.59	21,802
1997	23,545	6,101	0.76	1.50	27,115
1998	29,201	7,458	0.81	1.83	37,187

[1] Data not comparable because in 1989–91 28 States were surveyed and in 1992–98 36 were surveyed. [2] Equivalent wholesale value of all sales. [3] Estimates began in 1994. [4] 1994-98 data not comparable with 1989-93 which includes data for impatiens, New Guinea impatiens, and petunias. [5] Does not include vegetable transplants grown for use in commercial vegetable production.

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Table 5-110.—Floriculture: Growing area by type of cover, all operations with $10,000+ sales, 36 Surveyed States, 1997–98

State	Glass greenhouses		Fiberglass and other rigid greenhouses		Film plastic (single/multi) greenhouses	
	1997	1998	1997	1998	1997	1998
	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	407	436	796	325	7,212	8,060
AZ	17	12	418	914	1,528	1,240
AR	12	15	72	77	2,003	3,173
CA	15,693	20,385	45,021	43,220	59,454	70,012
CO	436	536	8,099	7,734	2,683	3,057
CT	1,431	1,701	837	921	5,429	5,743
FL	4,752	5,056	11,672	19,174	42,057	78,370
GA	511	374	460	266	6,972	9,516
HI	54	106	2,700	4,345	1,461	3,611
IL	2,535	2,441	2,168	2,636	7,304	8,753
IN	1,445	1,286	919	873	4,636	5,358
IA	485	525	1,373	1,295	4,229	4,326
KS	185	166	383	421	3,497	3,881
KY	377	410	585	915	3,899	4,030
LA	251	324	483	330	2,739	3,347
MD	996	861	735	835	2,865	6,592
MA	1,937	1,875	1,180	1,192	7,051	7,169
MI	4,420	5,509	3,467	3,780	29,791	34,170
MN	618	455	1,889	2,122	6,542	8,285
MS	220	256	245	250	1,724	4,274
MO	732	636	559	458	5,425	5,550
NJ	3,660	3,545	1,054	909	14,964	18,508
NM	279	224	1,670	1,379	1,937	2,615
NY	5,297	6,089	1,734	1,134	15,604	17,698
NC	1,893	1,849	645	736	13,711	16,216
OH	11,133	8,680	1,907	1,953	19,826	25,036
OK	139	155	549	665	2,967	2,997
OR	1,601	2,200	2,718	2,846	9,120	15,078
PA	4,843	4,382	2,444	2,947	15,759	16,887
SC	765	710	500	312	2,658	4,978
TN	1,037	981	164	188	5,618	6,571
TX	1,320	1,148	4,296	3,117	22,710	31,172
UT	27	28	2,204	2,331	3,424	3,944
VA	983	954	437	529	7,149	8,200
WA	1,952	2,053	787	957	5,876	6,888
WI	1,750	1,754	1,176	1,201	6,446	7,458
36 States	74,193	78,117	106,346	113,287	356,270	462,763

See end of table.

Table 5-110.—Floriculture: Growing area by type of cover, all operations with $10,000+ sales, 36 Surveyed States, 1997–98—Continued

State	Shade and temporary cover		Total covered area		Open ground	
	1997	1998	1997	1998	1997	1998
	1,000 square feet	*1,000 square feet*	*1,000 square feet*	*1,000 square feet*	*Acres*	*Acres*
AL	64	370	8,479	9,191	157	124
AZ	696	772	2,659	2,938	394	336
AR	81	65	2,168	3,330	108	101
CA	19,610	16,979	139,778	150,596	9,386	11,062
CO	344	349	11,562	11,676	74	96
CT	282	326	7,979	8,691	329	444
FL	336,420	364,567	394,901	467,167	11,097	14,530
GA	738	624	8,681	10,780	168	221
HI	21,363	17,182	25,578	25,244	835	1,238
IL	695	1,034	12,702	14,864	842	875
IN	194	294	7,194	7,811	227	355
IA	88	63	6,175	6,209	45	195
KS	331	381	4,396	4,849	32	59
KY	83	71	4,944	5,426	37	73
LA	144	120	3,617	4,121	101	133
MD	331	219	4,927	8,507	189	232
MA	155	189	10,323	10,425	388	469
MI	665	1,606	38,343	45,065	2,414	3,324
MN	146	166	9,195	11,028	169	325
MS	190	261	2,379	5,041	148	109
MO	73	291	6,789	6,935	72	112
NJ	259	386	19,937	23,348	1,915	2,148
NM	63	90	3,949	4,308	51	44
NY	394	462	23,029	25,383	779	1,628
NC	360	1,521	16,609	20,322	372	491
OH	457	1,326	33,323	36,995	203	686
OK	96	174	3,751	3,991	26	65
OR	1,722	1,636	15,161	21,760	1,334	1,784
PA	385	900	23,431	25,116	500	1,666
SC	165	550	4,088	6,550	259	400
TN	329	338	7,148	8,078	111	192
TX	5,168	4,620	33,494	40,057	274	1,430
UT	130	188	5,785	6,491	81	52
VA	587	537	9,156	10,220	320	470
WA	214	468	8,829	10,366	1,830	970
WI	440	422	9,812	10,835	244	324
36 States	393,462	419,547	930,271	1,073,714	35,507	46,763

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Table 5-111.—Floriculture: Total operations of $10,000+ sales and expanded wholesale value, 36 Surveyed States, 1997–98

State	Total operations		Expanded wholesale value [1]	
	1997	1998	1997	1998
	Number	*Number*	*1,000 dollars*	*1,000 dollars*
AL	161	179	72,942	75,343
AZ	42	50	32,235	40,797
AR	70	104	17,738	20,985
CA	1,210	1,296	792,321	768,541
CO	185	196	71,290	71,624
CT	293	313	59,939	65,064
FL	1,371	1,533	656,234	653,700
GA	244	325	60,828	66,356
HI	380	463	51,993	53,879
IL	368	387	105,200	89,576
IN	286	302	41,445	39,511
IA	194	193	42,308	42,194
KS	100	129	27,134	29,176
KY	190	222	28,543	28,367
LA	122	128	21,807	19,526
MD	138	208	37,002	50,486
MA	499	509	75,367	70,960
MI	750	862	211,384	235,323
MN	273	298	65,889	68,501
MS	100	105	19,968	14,841
MO	238	267	42,173	43,610
NJ	474	532	120,100	121,395
NM	50	51	25,779	28,904
NY	897	965	147,494	159,458
NC	401	461	114,524	122,552
OH	669	756	177,073	172,197
OK	124	153	16,071	18,336
OR	287	361	88,732	93,878
PA	858	906	148,781	132,119
SC	107	180	39,065	38,101
TN	214	242	45,683	45,836
TX	408	508	181,254	193,414
UT	97	106	28,190	28,794
VA	257	303	70,835	70,485
WA	263	298	92,620	98,918
WI	397	417	66,109	61,131
36 States	12,717	14,308	3,896,050	3,933,878

[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 was estimated by multiplying the number of growers in each size group by the mid-point of each dollar value range.

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Table 5-112.—Floriculture Crops: Wholesale value of sales by category for operations with $100,000+ sales, 36 Surveyed States, 1997–98

State	Total cut flowers		Total potted flowering plants		Total foliage for indoor or patio use	
	1997	1998	1997	1998	1997	1998
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	487	640	9,485	9,849	1,658	2,226
AZ	1,698	1,397	2,505	3,158	2,429	1,625
AR	8	8	3,824	1,573	286	365
CA	307,557	266,683	144,701	146,288	86,811	90,375
CO	12,932	11,330	10,818	9,208	979	1,789
CT	1,630	1,617	6,369	7,298	1,071	663
FL	29,241	27,398	85,519	77,123	305,603	315,598
GA	150	1	10,591	8,271	1,770	1,274
HI	15,622	14,531	12,846	13,368	11,160	11,380
IL	3,625	2,831	29,640	19,073	1,384	1,486
IN	4,006	2,927	5,880	5,904	1,884	2,354
IA	140	91	10,859	10,025	1,359	2,305
KS	15	10	6,316	7,266	1,598	1,364
KY	319	283	4,742	4,864	1,712	1,384
LA	179	91	3,327	3,098	2,969	2,033
MD	1,719	1,298	6,403	6,230	1,073	694
MA	5,200	4,450	9,311	9,002	3,726	3,611
MI	11,514	10,022	26,477	28,564	3,313	3,056
MN	7,057	6,374	12,305	12,366	1,338	1,088
MS	254	106	3,763	3,671	488	357
MO	321	551	10,948	11,397	2,103	1,959
NJ	11,916	8,959	26,513	25,943	6,722	7,699
NM	4,800	5,461	13,685	15,404	2,058	3,783
NY	6,125	6,462	37,106	40,537	1,919	1,493
NC	2,323	1,979	37,188	32,329	6,272	7,816
OH	4,066	3,211	33,159	25,935	8,342	3,081
OK	.....	.....	3,178	2,753	382	213
OR	10,499	10,364	18,602	19,292	687	1,443
PA	6,317	4,858	31,146	34,370	4,123	4,506
SC	3,864	3,159	6,908	7,108	1,348	848
TN	558	465	12,386	12,062	1,425	1,068
TX	290	431	34,597	36,591	24,314	19,030
UT	708	153	10,121	9,399	1,512	822
VA	1,948	1,588	21,318	21,047	3,576	2,213
WA	11,745	16,434	9,465	9,653	1,959	2,089
WI	2,736	2,780	10,868	10,608	611	313
36 States	471,569	418,943	722,869	700,627	499,964	503,403

See end of table.

Table 5-112.—Floriculture Crops: Wholesale value of sales by category for operations with $100,000+ sales, 36 Surveyed States, 1997–98—Continued

State	Total bedding/garden plants		Total cut cultivated greens		Total reported wholesale value of floriculture crops	
	1997	1998	1997	1998	1997	1998
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	56,947	57,318	.....	.....	68,577	70,033
AZ	24,538	33,087	.....	.....	31,170	39,267
AR	11,514	16,294	36	.....	15,668	18,240
CA	211,549	216,671	16,548	19,754	767,166	739,771
CO	41,380	44,467	6	.....	66,115	66,794
CT	43,084	47,701	.....	.....	52,154	57,279
FL	113,675	101,417	93,771	98,279	627,809	619,815
GA	41,657	48,080	.....	.....	54,168	57,626
HI	2,080	1,803	145	152	41,853	41,234
IL	59,991	56,766	.....	.....	94,640	80,156
IN	19,010	19,296	.....	.....	30,780	30,481
IA	25,135	24,748	.....	.....	37,493	37,169
KS	16,460	17,311	.....	.....	24,389	25,951
KY	16,495	15,399	10	2	23,278	21,932
LA	12,107	10,989	.....	.....	18,582	16,211
MD	24,666	36,548	6	1	33,867	44,771
MA	41,740	39,827	.....	.....	59,977	56,890
MI	153,877	172,615	48	66	195,229	214,323
MN	36,399	40,033	.....	.....	57,099	59,861
MS	12,133	7,767	.....	.....	16,638	11,901
MO	21,571	20,876	.....	52	34,943	34,835
NJ	61,814	64,159	100	250	107,065	107,010
NM	3,556	3,146	.....	.....	24,099	27,794
NY	76,962	84,856	2	10	122,114	133,358
NC	56,578	68,128	43	.....	102,404	110,252
OH	111,704	119,855	2	.....	157,273	152,082
OK	7,811	10,342	20	3	11,391	13,311
OR	45,986	47,194	4,693	6,240	80,467	84,533
PA	81,560	63,005	.....	.....	123,146	106,739
SC	24,241	21,839	4	32	36,365	32,986
TN	24,834	25,806	.....	.....	39,203	39,401
TX	111,683	124,271	710	686	171,594	181,009
UT	13,644	15,495	.....	.....	25,985	25,869
VA	37,633	37,273	.....	24	64,475	62,145
WA	61,516	62,177	.....	.....	84,685	90,353
WI	41,429	36,069	40	36	55,684	49,806
36 States	1,746,959	1,812,628	116,184	125,587	3,557,545	3,561,188

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Table 5-113.—Fruit and orange juice: Cold storage holdings, end of month, United States, 1998 and 1999

Month	Fresh					
	Apples, regular storage		Apples, CA storage		Apples, total	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	606,302	563,368	3,122,302	3,605,641	3,728,604	4,169,009
February	403,315	334,450	2,437,311	3,072,762	2,840,626	3,407,212
March	178,131	179,170	2,099,221	2,428,114	2,277,352	2,607,284
April	105,524	99,710	1,520,112	1,757,990	1,625,636	1,857,700
May	47,046	38,859	1,065,855	1,213,361	1,112,901	1,252,220
June	17,384	19,303	619,738	713,099	637,122	732,402
July	15,830	11,564	306,528	349,281	322,358	360,845
August	65,277	15,056	67,383	87,467	132,660	102,523
September	1,303,528	946,647	2,153,015	1,888,114	3,456,543	2,834,761
October	2,317,691	2,061,583	4,478,605	4,103,669	6,796,296	6,165,252
November	1,656,422	1,509,008	4,257,900	4,014,881	5,914,322	5,523,889
December	1,039,507	862,124	3,968,949	3,790,727	5,008,456	4,652,851

Month	Fresh					
	Pears, Bartlett		Pears, other		Pears, total	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	6,571	758	266,302	235,086	272,873	235,844
February	2,834	4,232	209,550	173,172	212,384	177,404
March	991	2,718	124,210	117,552	125,201	120,270
April	243	1,500	60,543	67,698	60,786	69,198
May	4	3,227	32,443	36,139	32,447	39,366
June	.....	3,720	4,131	6,576	4,131	10,296
July	352	11,450	46	116	398	11,566
August	92,041	123,756	2,220	6,417	94,261	130,173
September	142,611	191,042	390,947	360,591	533,558	551,633
October	62,098	114,604	450,664	400,350	512,762	514,954
November	24,493	54,291	359,557	345,502	384,050	399,793
December	5,427	18,115	305,931	281,089	311,358	299,204

Month	Frozen							
	Apples		Apricots		Blackberries, IQF		Blackberries, pails & tubs	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	71,372	73,387	11,496	10,015	12,632	10,933	2,942	2,779
February	79,249	86,003	10,398	8,291	11,316	9,686	2,727	2,170
March	79,903	89,698	9,406	6,137	10,149	8,880	1,958	1,985
April	82,911	91,603	8,321	4,303	8,631	7,043	1,459	1,713
May	80,302	84,021	7,362	3,451	6,976	5,614	1,119	1,816
June	74,190	79,824	9,386	4,904	5,426	5,028	887	1,940
July	65,242	74,147	23,058	16,387	16,274	15,228	3,238	2,759
August	52,656	61,738	19,899	14,270	17,912	18,798	3,723	2,366
September	44,762	55,378	17,302	12,119	15,626	20,392	3,973	2,245
October	51,646	70,644	15,037	11,066	14,698	18,018	3,622	1,991
November	59,488	74,398	12,806	9,737	13,446	16,207	3,413	1,844
December	66,392	72,517	11,559	8,993	12,394	13,774	2,607	1,865

Month	Frozen							
	Blackberries, barrels		Blackberries, concentrate		Blackberries, total		Blueberries	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	6,193	4,211	1,472	1,468	23,239	19,391	83,353	60,759
February	5,985	2,167	1,255	1,180	21,283	15,203	74,665	52,951
March	4,463	1,333	1,109	1,520	17,679	13,718	64,026	48,402
April	3,613	1,103	1,052	1,302	14,755	11,161	60,136	40,093
May	3,180	700	968	2,147	12,243	10,277	51,593	28,603
June	2,787	370	1,031	1,106	10,131	8,444	47,537	25,358
July	9,046	6,017	1,067	892	29,625	24,896	70,454	47,525
August	9,125	7,489	1,372	1,095	32,132	29,748	102,064	103,184
September	9,035	6,511	1,737	1,474	30,371	30,622	94,197	95,381
October	6,330	6,078	1,487	1,719	26,137	27,806	88,827	81,845
November	5,905	5,611	1,773	1,750	24,537	25,412	77,259	69,999
December	5,555	4,872	1,515	1,575	22,071	22,086	67,443	58,981

See end of table.

Table 5-113.—Fruit and orange juice: Cold storage holdings, end of month, United States, 1998 and 1999—Continued

Month	Boysenberries		Cherries, Tart (RSP)		Cherries, Sweet		Grapes	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	4,833	3,608	127,244	108,846	14,380	15,103	2,633	5,183
February	4,545	3,853	106,880	100,498	13,597	13,796	2,479	4,452
March	4,202	3,270	93,271	90,498	12,523	12,193	2,302	3,742
April	3,800	2,904	78,377	79,947	10,845	10,826	1,605	2,983
May	3,472	2,396	67,565	70,786	9,632	10,606	1,237	2,388
June	4,173	3,842	62,012	58,361	9,323	10,834	1,065	1,798
July	7,915	7,748	169,624	162,135	19,052	16,701	733	1,402
August	6,562	7,927	165,591	156,754	17,426	16,438	565	1,753
September	6,065	6,355	157,631	149,070	16,440	14,774	3,988	4,565
October	5,219	5,808	143,413	136,220	16,042	13,988	5,630	5,512
November	4,760	5,528	133,236	125,343	15,167	13,085	5,985	5,283
December	4,506	5,133	122,205	116,364	16,208	12,853	5,444	4,722

Month	Peaches		Raspberries, Black		Red Raspberries, IQF		Red Raspberries, pails & tubs	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	60,369	61,480	566	554	10,543	9,187	13,405	9,557
February	52,494	50,060	755	391	10,149	8,381	12,050	8,630
March	43,928	39,795	351	282	9,132	7,507	10,181	6,584
April	37,811	32,398	331	204	7,808	7,139	8,208	5,357
May	31,422	26,964	206	162	6,938	5,758	7,139	4,214
June	21,449	21,880	610	109	8,402	5,504	7,651	2,867
July	21,972	20,840	2,067	2,704	15,409	17,157	16,088	14,396
August	47,888	62,178	1,318	2,059	14,158	19,889	14,233	18,623
September	86,504	83,245	1,190	1,908	12,459	18,907	12,745	17,454
October	89,623	83,674	1,020	1,817	13,409	18,007	12,057	15,994
November	89,213	78,099	871	1,582	12,429	17,285	12,228	15,655
December	72,867	70,616	756	1,058	10,958	16,367	11,031	14,343

Month	Red Raspberries, barrels		Red Raspberries, concentrate		Red Raspberries, total		Strawberries	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	16,900	12,266	1,929	3,688	42,777	34,698	182,139	179,845
February	14,600	9,656	1,466	3,099	38,265	29,766	156,233	152,180
March	12,260	7,072	1,354	1,992	32,927	23,155	130,029	127,277
April	11,104	5,685	1,657	1,491	28,777	19,672	129,014	126,541
May	9,443	4,257	1,615	1,167	25,135	15,396	169,994	205,717
June	10,737	2,047	1,685	1,006	28,475	11,424	345,714	365,575
July	35,911	22,456	2,315	1,282	69,723	55,291	361,017	379,518
August	29,556	41,458	2,624	1,508	60,571	81,478	338,241	361,778
September	24,512	35,343	2,858	1,647	52,574	73,351	298,580	332,995
October	20,525	28,721	4,649	2,906	50,640	65,628	261,237	319,436
November	16,937	24,372	4,585	3,000	46,179	60,312	235,817	314,323
December	13,918	22,255	4,267	2,937	40,174	55,902	201,442	277,691

Month	Other fruit		Total frozen fruit		Orange juice	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	496,421	526,880	1,124,474	1,103,097	1,945,939	1,999,354
February	438,219	494,309	1,003,050	1,014,925	2,029,724	2,204,231
March	378,492	449,526	872,225	909,638	2,025,005	2,191,321
April	333,088	362,843	794,041	788,552	2,486,974	2,485,739
May	285,659	337,043	749,875	800,736	2,627,547	2,115,553
June	219,351	283,045	836,193	877,287	2,457,675	1,969,733
July	193,324	288,369	1,039,870	1,101,489	2,249,040	1,822,978
August	176,326	278,504	1,028,284	1,182,655	2,025,083	1,618,472
September	235,151	273,741	1,050,452	1,135,944	1,803,852	1,443,391
October	520,250	805,303	1,279,558	1,631,083	1,470,699	1,181,958
November	644,761	797,183	1,353,382	1,582,533	1,540,232	1,102,698
December	574,325	746,084	1,208,617	1,455,029	1,791,913	1,330,675

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Table 5-114.—Nuts: Cold storage holdings, end of month, United States, 1998 and 1999

Month	Peanuts					
	Shelled		In-shell		Total	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	304,085	420,178	20,644	16,420	324,729	436,598
February	349,930	469,556	23,244	17,130	373,174	486,686
March	395,083	546,863	23,268	20,728	418,351	567,591
April	424,601	581,007	20,247	25,499	444,848	606,506
May	471,660	645,684	20,433	27,977	492,093	673,661
June	489,526	617,770	22,402	30,357	511,928	648,127
July	388,050	590,086	19,659	26,149	407,709	616,235
August	273,627	519,144	11,286	23,528	284,913	542,672
September ..	178,906	417,594	11,433	17,699	190,339	435,293
October	241,427	429,902	12,095	21,561	253,522	451,463
November ...	299,823	424,200	13,018	21,770	312,841	445,970
December ...	363,964	451,076	17,187	19,291	381,151	470,367

Month	Pecans					
	Shelled		In-shell		Total	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	28,866	27,402	168,274	118,793	197,140	146,195
February	31,973	32,805	196,378	107,394	228,351	140,199
March	38,182	33,278	177,691	91,808	215,873	125,086
April	43,195	33,279	165,381	72,016	208,576	105,295
May	44,893	34,122	136,478	52,255	181,371	86,377
June	46,054	33,847	117,529	36,735	163,583	70,582
July	44,713	30,505	93,617	23,860	138,330	54,365
August	47,257	27,891	73,567	13,602	120,824	41,493
September ..	40,548	18,783	51,046	3,933	91,594	22,716
October	29,092	12,322	29,185	9,588	58,277	21,910
November ...	21,990	11,810	45,081	36,259	67,071	48,069
December ...	20,937	17,756	90,637	133,276	111,574	151,032

Month	Other nuts					
	Shelled		In-shell		Total	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	121,127	131,094	7,684	7,412	128,811	138,506
February	114,440	160,481	6,974	9,837	121,414	170,318
March	126,740	137,095	4,614	10,235	131,354	147,330
April	125,221	160,938	3,965	6,949	129,186	167,887
May	124,695	168,548	3,515	7,010	128,210	175,558
June	123,135	138,199	4,213	3,920	127,348	142,119
July	119,303	107,755	4,664	2,013	123,967	109,768
August	101,793	73,668	4,196	1,888	105,989	75,556
September ..	94,254	89,457	2,509	5,938	96,763	95,395
October	92,743	115,290	11,762	9,638	104,505	124,928
November ...	100,494	120,348	9,888	7,038	110,382	127,386
December ...	98,371	126,122	7,416	8,946	17,247	135,068

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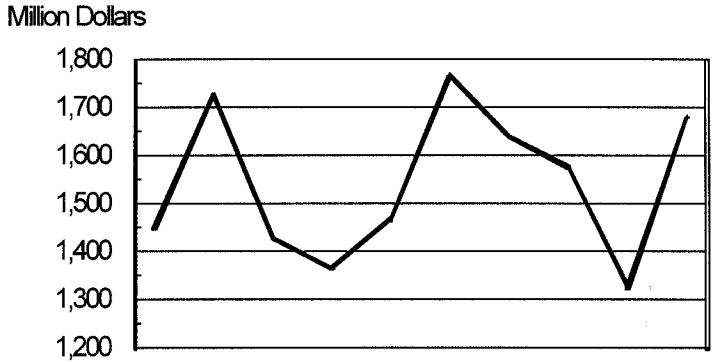
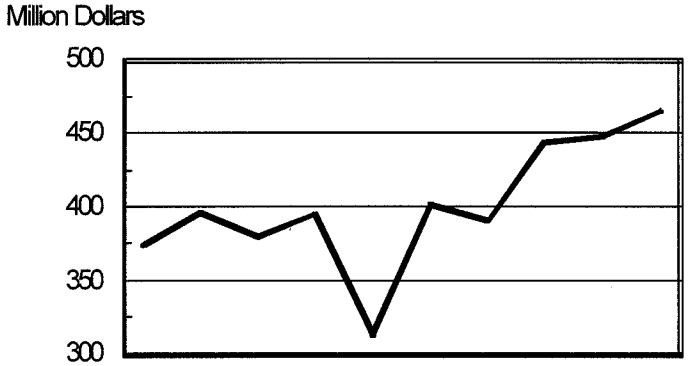
Apples: Value of Production, 1990-99



Year	90	91	92	93	94	95	96	97	98	99
Value of Prod.	1,448	1,727	1,428	1,364	1,467	1,767	1,641	1,575	1,322	1,679

NASS Table 5-4

Peaches: Value of Production, 1990-99



Year	90	91	92	93	94	95	96	97	98	99
Value of Prod.	373.7	396.1	379.7	395.2	313.3	401.4	389.9	444.1	447.3	464.6

NASS Table 5-49

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, 1990–99

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*
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	146,699	84.70	10,946,576
1994	58,815	2.55	150,136	86.70	11,113,274
1995	59,764	2.58	154,289	82.20	11,035,838
1996	61,169	2.45	149,779	95.80	12,726,992
1997	61,084	2.50	152,536	100.00	13,249,825
1998	60,076	2.53	151,780	84.60	11,606,734
1999 [1]	63,160	2.52	159,077	77.00	10,889,893

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-2.—Hay, all: Stocks on farms, United States, 1990–99

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*
1990	104,701	26,974	1995	109,438	20,739
1991	111,123	28,216	1996	105,179	17,424
1992	105,290	21,102	1997	103,044	21,827
1993	100,953	22,096	1998	111,839	24,795
1994	105,296	20,775	1999 [2]	108,668	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, 1997–99

State	Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AZ	190	200	200	8.20	8.00	7.90	1,558	1,600	1,580
AR	25	25	20	2.80	2.60	2.50	70	65	50
CA	950	1,050	1,030	7.20	6.60	6.80	6,840	6,930	7,004
CO	840	810	900	3.90	4.20	3.80	3,276	3,402	3,420
CT	12	8	11	2.40	2.20	1.70	29	18	19
DE	7	8	7	3.40	3.60	3.90	24	29	27
ID	1,000	1,130	1,150	4.10	4.30	4.00	4,100	4,859	4,600
IL	580	600	500	3.90	4.20	4.00	2,262	2,520	2,000
IN	400	400	400	3.80	4.10	3.70	1,520	1,640	1,480
IA	1,200	1,250	1,300	3.50	3.60	3.90	4,200	4,500	5,070
KS	900	1,000	850	4.00	4.60	4.40	3,600	4,600	3,740
KY	250	250	250	3.00	3.50	2.90	750	875	725
ME	10	13	12	2.00	2.50	1.70	20	33	20
MD	55	55	60	3.30	4.10	2.80	182	226	168
MA	17	18	17	2.30	1.80	1.90	39	32	32
MI	900	850	950	3.40	3.30	3.80	3,060	2,805	3,610
MN	1,475	1,550	1,600	3.30	3.60	3.50	4,868	5,580	5,600
MO	450	450	450	2.80	3.25	2.90	1,260	1,463	1,305
MT	1,650	1,700	1,650	2.40	2.20	2.20	3,960	3,740	3,630
NE	1,300	1,400	1,400	3.25	3.75	3.70	4,225	5,250	5,180
NV	260	260	255	4.20	4.60	4.10	1,092	1,196	1,046
NH	8	8	7	2.00	3.00	2.20	16	24	15
NJ	25	30	30	2.90	2.80	2.70	73	84	81
NM	255	270	290	5.20	5.10	5.20	1,326	1,377	1,508
NY	640	600	550	2.60	2.45	2.30	1,664	1,470	1,265
NC	20	20	20	3.00	2.80	3.00	60	56	60
ND	1,750	1,400	1,450	1.50	1.75	2.15	2,625	2,450	3,118
OH	600	550	600	3.60	3.50	3.00	2,160	1,925	1,800
OK	360	350	360	3.80	2.60	3.50	1,368	910	1,260
OR	420	400	420	4.70	4.80	4.40	1,974	1,920	1,848
PA	740	700	700	2.80	2.80	2.40	2,072	1,960	1,680
RI	2	2	1	2.40	3.00	1.80	5	6	2
SD	2,300	2,400	2,400	2.30	2.40	2.80	5,290	5,760	6,720
TN	40	35	30	3.30	3.40	3.10	132	119	93
TX	135	140	130	4.70	4.50	5.50	635	630	715
UT	545	545	540	4.30	4.40	4.40	2,344	2,398	2,376
VT	45	45	45	2.30	2.30	1.70	104	104	77
VA	120	120	120	2.75	2.70	2.50	330	324	300
WA	480	480	470	4.80	5.00	4.90	2,304	2,400	2,303
WV	55	50	50	3.00	3.00	2.10	165	150	105
WI	1,900	1,900	2,100	2.75	2.80	3.10	5,225	5,320	6,510
WY	640	600	660	2.70	2.60	2.70	1,728	1,560	1,782
US	23,551	23,672	23,985	3.33	3.48	3.50	78,535	82,310	83,924

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-4.—Hay, all other: Area, yield, and production, by States, 1997–99

State	Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	770	750	800	2.25	2.10	2.30	1,733	1,575	1,840
AZ	40	40	40	3.70	3.50	4.30	148	140	172
AR	1,200	1,150	1,220	2.00	1.90	1.91	2,400	2,185	2,330
CA	560	580	540	2.80	2.80	2.70	1,568	1,624	1,458
CO	750	600	620	1.95	2.00	1.90	1,463	1,200	1,178
CT	60	55	50	1.80	2.00	1.50	108	110	75
DE	8	8	8	3.00	3.30	2.40	24	26	19
FL	250	230	260	2.60	2.50	2.90	650	575	754
GA	600	650	600	2.60	2.30	2.50	1,560	1,495	1,500
ID	300	300	280	2.10	2.30	1.90	630	690	532
IL	390	350	350	2.30	2.50	2.10	897	875	735
IN	325	350	300	2.50	3.00	2.50	813	1,050	750
IA	450	320	400	2.20	2.60	2.25	990	832	900
KS	1,800	1,900	1,850	1.80	1.80	1.90	3,240	3,420	3,515
KY	1,850	2,100	2,150	2.10	2.30	1.90	3,885	4,830	4,085
LA	395	330	380	2.60	2.20	2.40	1,027	726	912
ME	155	145	150	1.50	1.70	1.40	233	247	210
MD	145	145	150	2.20	2.80	2.40	319	406	360
MA	75	85	90	1.70	2.00	1.50	128	170	135
MI	350	400	350	2.00	1.90	2.30	700	760	805
MN	850	850	850	1.80	1.80	1.80	1,530	1,530	1,530
MS	720	790	850	2.50	2.20	1.90	1,800	1,738	1,615
MO	3,200	3,200	3,200	1.90	1.95	1.85	6,080	6,240	5,920
MT	950	800	950	1.60	1.60	1.50	1,520	1,280	1,425
NE	1,900	1,800	1,800	1.35	1.35	1.35	2,565	2,430	2,430
NV	230	225	225	1.80	1.60	1.80	414	360	405
NH	54	48	55	1.65	1.85	1.70	89	89	94
NJ	95	90	100	2.20	1.70	1.60	209	153	160
NM	90	90	90	1.90	1.90	2.20	171	171	198
NY	890	800	950	2.00	2.05	1.80	1,780	1,640	1,710
NC	630	650	690	2.10	2.20	2.15	1,323	1,430	1,484
ND	1,400	1,200	1,450	1.25	1.45	1.65	1,750	1,740	2,393
OH	650	780	700	2.60	2.50	1.80	1,690	1,950	1,260
OK	2,200	1,900	2,200	1.70	1.30	1.70	3,740	2,470	3,740
OR	615	570	680	2.10	2.55	2.00	1,292	1,454	1,360
PA	1,130	1,150	1,200	1.80	1.70	1.40	2,034	1,955	1,680
RI	6	8	7	1.80	2.00	1.80	11	16	13
SC	300	320	300	2.10	2.00	2.10	630	640	630
SD	1,800	1,600	1,600	1.40	1.50	1.70	2,520	2,400	2,720
TN	1,700	1,750	1,850	2.10	2.20	2.00	3,570	3,850	3,700
TX	4,300	3,900	5,400	2.40	1.60	2.30	10,320	6,240	12,420
UT	170	165	160	2.20	2.30	2.30	374	380	368
VT	220	200	200	1.90	2.00	1.70	418	400	340
VA	1,050	1,140	1,150	1.85	2.00	1.60	1,943	2,280	1,840
WA	300	270	270	2.60	2.80	2.80	780	756	756
WV	520	530	530	1.80	1.90	1.30	936	1,007	689
WI	470	500	500	2.40	2.10	2.00	1,128	1,050	1,000
WY	620	590	630	1.40	1.50	1.60	868	885	1,008
US	37,533	36,404	39,175	1.97	1.91	1.92	74,001	69,470	75,153

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-5.—Hay, all: Area, yield, and production, by States, 1997–99

State	Area harvested			Yield per harvested acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Tons*	*Tons*	*Tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
AL	770	750	800	2.25	2.10	2.30	1,733	1,575	1,840
AZ	230	240	240	7.42	7.25	7.30	1,706	1,740	1,752
AR	1,225	1,175	1,240	2.02	1.91	1.92	2,470	2,250	2,380
CA	1,510	1,630	1,570	5.57	5.25	5.39	8,408	8,554	8,462
CO	1,590	1,410	1,520	2.98	3.26	3.03	4,739	4,602	4,598
CT	72	63	61	1.90	2.03	1.54	137	128	94
DE	15	16	15	3.20	3.44	3.07	48	55	46
FL	250	230	260	2.60	2.50	2.90	650	575	754
GA	600	650	600	2.60	2.30	2.50	1,560	1,495	1,500
ID	1,300	1,430	1,430	3.64	3.88	3.59	4,730	5,549	5,132
IL	970	950	850	3.26	3.57	3.22	3,159	3,395	2,735
IN	725	750	700	3.22	3.59	3.19	2,333	2,690	2,230
IA	1,650	1,570	1,700	3.15	3.40	3.51	5,190	5,332	5,970
KS	2,700	2,900	2,700	2.53	2.77	2.69	6,840	8,020	7,255
KY	2,100	2,350	2,400	2.21	2.43	2.00	4,635	5,705	4,810
LA	395	330	380	2.60	2.20	2.40	1,027	726	912
ME	165	158	162	1.53	1.77	1.42	253	280	230
MD	200	200	210	2.51	3.16	2.51	501	632	528
MA	92	103	107	1.82	1.96	1.56	167	202	167
MI	1,250	1,250	1,300	3.01	2.85	3.40	3,760	3,565	4,415
MN	2,325	2,400	2,450	2.75	2.96	2.91	6,398	7,110	7,130
MS	720	790	850	2.50	2.20	1.90	1,800	1,738	1,615
MO	3,650	3,650	3,650	2.01	2.11	1.98	7,340	7,703	7,225
MT	2,600	2,500	2,600	2.11	2.01	1.94	5,480	5,020	5,055
NE	3,200	3,200	3,200	2.12	2.40	2.38	6,790	7,680	7,610
NV	490	485	480	3.07	3.21	3.02	1,506	1,556	1,451
NH	62	56	62	1.69	2.02	1.76	105	113	109
NJ	120	120	130	2.35	1.98	1.85	282	237	241
NM	345	360	380	4.34	4.30	4.49	1,497	1,548	1,706
NY	1,530	1,400	1,500	2.25	2.22	1.98	3,444	3,110	2,975
NC	650	670	710	2.13	2.22	2.17	1,383	1,486	1,544
ND	3,150	2,600	2,900	1.39	1.61	1.90	4,375	4,190	5,511
OH	1,250	1,330	1,300	3.08	2.91	2.35	3,850	3,875	3,060
OK	2,560	2,250	2,560	2.00	1.50	1.95	5,108	3,380	5,000
OR	1,035	970	1,100	3.16	3.48	2.92	3,266	3,374	3,208
PA	1,870	1,850	1,900	2.20	2.12	1.77	4,106	3,915	3,360
RI	8	10	8	2.00	2.20	1.88	16	22	15
SC	300	320	300	2.10	2.00	2.10	630	640	630
SD	4,100	4,000	4,000	1.90	2.04	2.36	7,810	8,160	9,440
TN	1,740	1,785	1,880	2.13	2.22	2.02	3,702	3,969	3,793
TX	4,435	4,040	5,530	2.47	1.70	2.38	10,955	6,870	13,135
UT	715	710	700	3.80	3.91	3.92	2,718	2,778	2,744
VT	265	245	245	1.97	2.06	1.70	522	504	417
VA	1,170	1,260	1,270	1.94	2.07	1.69	2,273	2,604	2,140
WA	780	750	740	3.95	4.21	4.13	3,084	3,156	3,059
WV	575	580	580	1.91	1.99	1.37	1,101	1,157	794
WI	2,370	2,400	2,600	2.68	2.65	2.89	6,353	6,370	7,510
WY	1,260	1,190	1,290	2.06	2.05	2.16	2,596	2,445	2,790
US	61,084	60,076	63,160	2.50	2.53	2.52	152,536	151,780	159,077

[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 1997, 1998, and 1999

State	Marketing year average price per ton, baled			Value of production		
	1997	1998	1999	1997	1998	1999
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	47.00	53.00	55.00	81,451	83,475	101,200
AZ	111.00	89.50	89.00	187,594	154,190	152,386
AR	59.00	61.00	61.00	138,560	126,245	133,400
CA	117.00	96.00	84.00	967,624	789,572	693,326
CO	101.00	92.00	69.50	485,954	430,782	321,043
CT	139.00	134.00	137.00	18,904	17,180	12,845
DE	145.00	118.00	129.00	7,056	6,517	6,106
FL	86.00	114.00	88.50	55,900	65,550	66,729
GA	59.00	71.00	62.00	92,040	106,145	93,000
ID	105.00	83.00	82.00	483,110	452,316	412,922
IL	102.00	85.00	78.50	315,588	283,290	212,203
IN	113.00	88.00	86.00	259,635	226,610	184,930
IA	109.00	83.50	72.50	543,660	432,836	420,795
KS	84.00	72.50	65.50	550,080	555,860	431,603
KY	77.00	86.00	91.50	330,660	450,590	403,455
LA	54.00	57.00	51.00	55,458	41,382	46,512
ME	114.00	113.00	100.00	29,189	31,708	23,080
MD	142.00	119.00	129.00	68,220	74,852	67,248
MA	144.00	140.00	139.00	24,049	28,346	23,203
MI	101.00	86.00	68.00	378,530	306,410	300,793
MN	88.00	67.00	61.00	570,394	482,040	436,905
MS	42.50	42.50	42.50	76,500	73,865	67,830
MO	71.00	68.00	66.50	521,420	529,866	509,985
MT	79.00	72.00	64.50	421,680	353,020	317,565
NE	76.00	48.50	37.00	485,941	363,150	275,815
NV	105.00	102.00	83.00	153,690	156,308	118,931
NH	137.00	144.00	130.00	14,331	16,221	14,218
NJ	120.00	128.00	135.00	33,711	30,318	32,239
NM	124.00	117.00	114.00	184,989	181,827	193,540
NY	94.00	93.00	107.00	326,330	288,830	304,845
NC	84.00	80.00	77.00	115,986	118,596	118,500
ND	60.00	51.00	39.50	246,750	206,125	205,393
OH	135.00	98.00	98.00	499,110	350,075	296,550
OK	78.00	81.00	71.50	332,422	237,120	304,060
OR	117.00	104.00	92.50	361,020	337,698	294,088
PA	138.00	114.00	126.00	577,558	456,170	465,360
RI	146.00	150.00	138.00	2,303	3,298	2,068
SC	85.00	85.00	75.00	53,550	54,400	47,250
SD	77.00	51.00	42.00	570,995	403,200	386,000
TN	56.00	56.00	52.00	207,036	221,585	195,416
TX	72.00	89.00	72.50	715,880	564,990	864,420
UT	84.00	76.00	70.50	223,176	204,216	182,948
VT	131.00	120.00	104.00	68,370	60,560	43,439
VA	83.00	81.50	85.00	187,854	213,468	185,680
WA	115.00	97.00	100.00	361,824	312,588	317,716
WV	55.00	57.00	62.50	63,849	66,089	49,445
WI	91.50	74.00	49.00	584,450	475,860	382,530
WY	85.00	76.00	66.00	215,444	181,395	180,378
US	100.00	84.60	77.00	13,249,825	11,606,734	10,889,893

NASS, Crops Branch, (202) 720–2127.

Table 6-7.—Hay: Area and production, by kinds, United States, 1990–99

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*
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	24,673	35,016	59,689	80,115	66,584	146,699
1994	24,138	34,677	58,815	81,130	69,006	150,136
1995	24,404	35,360	59,764	84,138	70,101	154,239
1996	24,206	36,963	61,169	79,139	70,640	149,779
1997	23,551	37,533	61,084	78,535	74,001	152,536
1998	23,672	36,404	60,076	82,310	69,470	151,780
1999 [1]	23,985	39,175	63,160	83,924	75,153	159,077

[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, 1990–99 [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*
1990	27.0	146.2	173.2	146.2	73.3	2.36	1.99	80.60
1991	27.0	152.1	179.0	150.8	74.7	2.40	2.02	71.20
1992	28.2	146.9	175.1	154.1	75.3	2.33	2.05	74.30
1993	21.0	146.7	167.7	145.7	76.5	2.19	1.91	84.70
1994	22.1	150.1	172.2	151.4	78.0	2.21	1.94	86.70
1995	20.8	154.2	175.0	154.2	78.1	2.24	1.97	82.20
1996	20.8	149.8	170.5	152.8	76.4	2.23	2.00	95.80
1997	17.4	152.5	170.0	148.1	74.9	2.27	1.98	100.00
1998	21.8	151.3	173.2	148.4	74.5	2.34	2.00	87.00
1999 [2]	24.8	161.4	186.2	NA	73.2	2.51	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, 1990–99

Kind of seed	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
	Price per 100 pounds									
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Alfalfa, uncertified varieties	157.00	174.00	146.00	152.00	161.00	168.00	185.00	185.00	205.00	184.00
Alfalfa, certified varieties	253.00	266.00	252.00	269.00	266.00	274.00	277.00	282.00	288.00	287.00
Clover, red	145.00	134.00	122.00	148.00	148.00	134.00	172.00	184.00	194.00	178.00
Clover, ladino	287.00	290.00	316.00	324.00	321.00	320.00	318.00	307.00	308.00	298.00
Lespedeza, Korean	62.80	67.70	92.40	132.00	84.50	66.00	99.00	90.00	89.00	76.15
Lespedeza, Striate, Kobe	88.40	86.00	99.30	119.00	82.40	95.60	125.00	112.00	108.00	96.00
Lespedeza, Sericea	134.00	101.00	92.80	92.10	169.00	178.00	291.00	220.00	290.00	294.00
Timothy	82.10	66.40	66.30	80.60	76.00	71.00	76.00	73.00	71.20	78.80
Orchardgrass	102.00	101.00	100.00	122.00	161.00	148.00	141.00	119.00	116.00	107.00
Blue Grass, Kentucky:										
Public and common	133.00	109.00	122.00	239.00	211.00	159.00	172.00	153.00	152.00	129.00
Proprietary, including Merion	209.00	196.00	189.00	283.00	274.00	228.00	243.00	224.00	216.00	204.00
Ryegrass, annual	50.50	46.80	43.80	56.70	64.60	67.60	58.80	57.90	65.30	64.20
Tall fescue	85.10	89.00	67.80	87.00	71.50	88.10	109.00	148.00	101.00	99.50
Sudangrass	47.70	48.10	47.10	45.20	47.90	51.80	51.90	51.40	53.70	52.20
Potatoes	11.00	9.70	6.95	8.60	10.20	7.90	10.30	7.60	9.10	8.50
Peanuts	75.70	123.00	77.20	77.30	86.90	79.50	82.00	81.75	83.60	80.90
Sunflower	308.00	314.00	300.00	300.00	297.00	297.00	313.00	355.00	380.00	362.00
Cottonseed	54.30	58.20	59.70	62.70	63.50	68.20	73.00	74.90	79.30	82.40
Grain sorghum, hybrid	69.90	71.20	72.30	74.50	82.10	78.70	84.00	92.00	96.00	97.60
	Price per bushel									
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Corn, hybrid [1]	69.90	70.20	71.80	72.70	73.40	77.10	77.70	83.50	86.90	88.10
Wheat (spring)	6.05	4.72	6.06	5.98	7.37	7.12	8.10	7.30	6.85	6.10
Wheat (winter)	8.01	6.89	7.41	7.73	7.90	7.80	8.50	10.00	8.25	7.35
Oats (spring)	4.19	3.71	4.26	4.39	4.69	4.51	5.19	5.32	5.02	4.60
Rice	15.20	14.40	16.50	15.40	22.00	15.10	17.50	19.00	19.50	19.10
Barley (spring)	5.25	4.55	5.10	5.00	5.18	5.37	6.49	6.13	6.04	5.80
Soybeans for seed	12.50	12.80	12.40	12.40	13.60	13.40	14.80	16.10	17.15	17.00
Flaxseed	11.00	8.80	7.94	7.37	7.74	8.00	8.14	9.31	10.00	8.50

[1] Price per 80,000 kernels. [2] Unavailable.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 6-10.—Beans, dry edible: Area, yield, production, price, and value, United States, 1990–99 [1] [2]

Year	Area planted	Area harvested	Yield per 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*
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	457,269
1993	1,867.9	1,618.0	1,351	21,862	24.60	538,210
1994	2,011.8	1,831.2	1,581	28,950	22.50	631,080
1995	2,066.3	1,896.3	1,618	30,689	20.80	633,620
1996	1,839.0	1,750.7	1,594	27,912	23.50	652,240
1997	1,869.8	1,758.8	1,670	29,370	19.30	576,658
1998	2,014.1	1,917.7	1,586	30,418	19.00	567,243
1999 [4]	2,023.0	1,877.0	1,770	33,230	17.60	587,857

[1] Figures include principal producing States only. [2] Excludes beans grown for garden seed. [3] Cleaned basis. [4] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-11.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1997–99 [1]

Class	1997	1998	1999 [2]	Class	1997	1998	1999 [2]
	1,000 cwt.	*1,000 cwt.*	*1,000 cwt.*		*1,000 cwt.*	*1,000 cwt.*	*1,000 cwt.*
Navy (pea beans)	5,524	3,887	7,292	Black	2,122	3,564	3,372
Great northern	2,251	2,173	2,471	Large lima (CA)	718	312	435
Small white	183	60	112	Baby lima (CA)	902	204	675
Pinto	10,920	14,511	10,839	Blackeye	807	653	1,327
Red kidney, light	1,618	1,134	1,379	Garbanzo	392	418	740
Red kidney, dark	992	842	1,044	Other	690	699	1,249
Pink	699	919	817	Total	29,370	30,418	33,230
Small red	892	660	900				
Cranberry	660	382	578				

[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, 1997–99 [1]

State	Area planted			Area harvested			Yield per acre (cleaned basis)			Production (cleaned basis)		
	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]	1997	1998	1999 [2]
	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	135.0	110.0	135.0	132.0	105.0	132.0	2,270	1,480	1,970	3,000	1,554	2,600
CO	135.0	170.0	155.0	120.0	155.0	145.0	1,900	1,850	1,900	2,280	2,868	2,755
ID	100.0	105.0	105.0	98.0	103.0	103.0	2,200	2,050	2,050	2,156	2,112	2,112
KS	22.0	20.0	22.0	20.0	19.0	20.9	1,900	2,000	1,850	380	380	387
MI	315.0	300.0	350.0	305.0	295.0	350.0	1,620	1,500	2,100	4,941	4,425	7,350
MN	175.0	190.0	205.0	165.0	175.0	165.0	1,550	1,450	1,550	2,558	2,538	2,558
MT	12.2	16.6	26.5	11.7	16.0	25.5	2,200	2,190	1,730	257	350	441
NE	190.0	195.0	210.0	180.0	188.0	187.0	2,060	1,950	2,000	3,708	3,666	3,740
NM	12.0	10.5	1.0	12.0	9.5	1.0	1,700	1,800	1,800	204	171	18
NY	44.0	31.0	31.0	43.5	30.0	30.2	1,560	1,420	1,370	679	426	414
ND	620.0	750.0	630.0	565.0	710.0	570.0	1,260	1,380	1,450	7,119	9,798	8,265
OR	9.0	8.7	11.5	8.9	8.6	10.8	2,040	1,770	1,610	182	152	174
TX	15.0	15.0	50.0	14.0	13.5	47.0	1,020	1,000	1,490	143	135	701
UT	5.8	6.0	6.7	5.2	5.9	6.6	800	510	800	42	30	53
WA	38.0	40.0	36.0	38.0	40.0	36.0	2,240	2,230	2,080	850	890	750
WI	9.8	7.3	8.3	9.5	7.2	8.0	1,800	1,600	1,550	171	115	124
WY	32.0	39.0	40.0	31.0	37.0	39.0	2,260	2,180	2,020	700	808	788
US	1,869.8	2,014.1	2,023.0	1,758.8	1,917.7	1,877.0	1,670	1,586	1,770	29,370	30,418	33,230

[1] Excludes beans grown for garden seed. [2] Preliminary.

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 1997, 1998, and 1999 [1]

State	Marketing year average price per cwt.			Value of production		
	1997	1998	1999 [2]	1997	1998	1999 [2]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
CA	29.40	36.10	27.70	88,200	56,099	72,020
CO	18.70	15.60	15.70	42,636	44,741	43,254
ID	20.80	17.20	16.50	44,845	36,326	34,848
KS	18.60	14.70	15.90	7,068	5,586	6,153
MI	18.90	21.60	18.50	93,385	95,580	135,975
MN	17.50	19.60	18.10	44,765	49,745	46,300
MT	19.40	15.60	19.20	4,986	5,460	8,467
NE	18.80	18.00	17.10	69,710	65,988	63,954
NM	22.40	23.30	21.00	4,570	3,984	378
NY	20.60	25.30	19.90	13,987	10,778	8,239
ND	16.80	15.50	15.10	119,599	151,869	124,802
OR	19.50	18.60	19.80	3,549	2,827	3,445
TX	18.00	19.40	13.50	2,574	2,619	9,464
UT	20.00	17.50	18.70	840	525	991
WA	21.70	21.00	18.40	18,445	18,690	13,800
WI	22.10	26.90	22.30	3,779	3,094	2,765
WY	19.60	16.50	16.50	13,720	13,332	13,002
US	19.30	19.00	17.60	576,658	567,243	587,857

[1] Excludes beans grown for garden seed. [2] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-14.—Beans, dry edible: Season average wholesale price per 100 pounds, selected markets, 1989–98

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 red	F.o.b. Michigan points:	
	Baby lima	Large lima	Blackeye	Light red kidney				Pea bean (Navy)	Black
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
1989	33.67	43.06	31.15	42.96	40.51	32.95	33.47	29.82	40.50
1990	37.61	45.98	31.73	27.01	21.19	21.94	31.16	20.41	23.84
1991	21.83	38.93	23.68	31.08	17.91	18.93	25.62	17.71	19.89
1992	22.70	27.48	25.80	34.29	23.81	21.25	30.02	21.15	24.26
1993	34.65	41.87	42.72	33.18	33.28	33.24	29.33	23.73	27.97
1994	33.80	44.65	40.25	31.04	21.33	37.19	28.19	31.57	32.59
1995	39.66	49.97	29.36	31.26	25.74	38.55	28.87	23.88	22.86
1996	45.58	57.09	32.57	40.07	27.56	26.61	39.31	23.11	27.08
1997	27.51	39.81	31.00	30.94	26.48	27.07	28.16	20.82	33.19
1998 [1]	41.28	46.78	37.50	34.89	20.85	25.82	27.46	26.30	28.57

[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 by class and quantity, 1989/90–1998/99

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*
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
1997/98	107,477	50,200	1,339	95,654	68,907	150,258	473,835
1998/99	90,871	42,013	1,560	94,969	62,855	81,877	374,145

[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 6-16.—Beans, dry edible: United States exports to specified countries, 1996/97–1998/99 [1 2]

Continent and country	1996/97	1997/98	1998/99
	Metric tons	*Metric tons*	*Metric tons*
North America, Central America & Caribbean:			
Canada	11,420	8,428	34,198
Dominican Republic	3,910	5,929	16,604
French West Indies	2,217	1,684	1,668
Mexico	89,306	141,267	73,544
Panama	1,227	1,057	1,601
Trinidad and Tobago	570	181	493
Regional [1] total	125,928	184,522	182,740
South America:			
Brazil	141	9,171	3,242
Colombia	3,153	3,682	1,115
Venezuela	3,183	5,934	3,094
Regional [1] total	9,146	22,048	9,178
Europe:			
Belgium and Luxembourg	1,123	1,689	6,038
France	9,563	9,350	8,961
Germany	1,573	2,111	2,132
Europe—Continued			
Italy	15,043	21,487	17,765
Netherlands	5,261	6,254	5,231
Spain	3,310	3,831	2,501
United Kingdom	89,091	87,777	57,730
Regional [1] total	134,319	142,771	121,089
Asia, Middle East, and Africa:			
Israel	499	396	754
Japan	19,349	16,754	13,398
Philippines	2,623	1,915	1,524
Algeria	2,436	3,651	8,407
Regional total	72,968	46,020	49,866
Oceania:			
Australia	4,758	7,509	3,449
Other countries	6,875	5,603	7,823
Grand total	353,994	438,473	374,145

[1] Marketing year beginning September. [2] Excluding seed bean exports.

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

Table 6-17.—Peas, dry field: United States exports to specified countries, 1996/97–1998/99 [1 2 3]

Continent and country	1996/97	1997/98	1998/99
	Metric tons	*Metric tons*	*Metric tons*
North America/Central America & Caribbean:			
Canada	2,712	5,731	3,789
Mexico	2,389	4,226	3,668
Panama	33	156	54
Trinidad and Tobago	77	68	63
Total	7,954	16,074	10,069
South America:			
Brazil	2,781	2,750	681
Colombia	910	2,734	1,467
Peru	11,604	16,862	15,087
Venezuela	1,100	2,731	302
Total	19,143	28,392	21,803
Europe:			
Iceland	14	5	45
Italy	223	1,275	297
Netherlands	182	51	2,501
Norway	195	254	143
Switzerland	141	6	0
United Kingdom	317	487	2,518
Spain	750	3,587	3,184
Total	2,367	5,956	10,711
Asia and Middle East:			
Hong Kong	245	317	498
Israel	0	141	103
Japan	3,226	2,364	1,141
Philippines	6,517	12,807	13,226
India	3,016	5,836	7,201
Total	16,974	29,326	28,103
Other countries	18,250	22,278	33,570
Grand total	64,688	102,026	104,256

[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 1997, 1998, and 1999

State	Marketing year average price per pound			Value of production		
	1997	1998	1999 [1]	1997	1998	1999 [1]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
ID	1.41	1.55	1.62	7,733	7,021	7,669
OR	1.68	1.98	2.04	22,801	20,250	20,547
WA	1.60	1.64	1.61	89,306	73,457	79,937
Total	1.60	1.69	1.68	119,840	100,728	108,153

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

Table 6-19.—Hops: Area, yield, and production, by States, 1997–99

State	Area harvested			Yield per acre			Production		
	1997	1998	1999 [1]	1997	1998	1999 [1]	1997	1998	1999 [1]
	1,000 acres	*1,000 acres*	*1,000 acres*	*Pounds*	*Pounds*	*Pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
ID	3,870	3,909	3,362	1,417	1,159	1,408	5,484.1	4,529.4	4,734.0
OR	8,352	6,161	5,822	1,625	1,660	1,730	13,572.0	10,227.4	10,072.0
WA	31,080	26,573	25,076	1,796	1,686	1,980	55,816.0	44,791.0	49,650.0
US	43,302	36,643	34,260	1,729	1,625	1,881	74,872.1	59,547.8	64,456.0

[1] Preliminary.

NASS, Crops Branch, (202) 720–2127.

Table 6-20.—Hops: Area, yield, production, value, and Sept. 1 stocks, United States, 1990–99

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*
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	43.3	1,729	74,872	160.0	119,840	62,000
1998	36.6	1,625	59,548	169.0	100,728	55,000
1999 [1]	34.3	1,881	64,456	168.0	108,153	54,000

[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, 1996/97–1998/99

Item and country	Year beginning September		
	1996/97	1997/98	1998/99
Exports	*Metric tons*	*Metric tons*	*Metric tons*
North America:			
Canada	1,649	1,491	1,326
Mexico	682	933	974
Total	2,331	2,424	2,300
European Union:			
United Kingdom	849	974	1,001
Germany	1,206	1,446	799
Belgium-Luxembourg	319	297	310
Ireland	213	282	213
Netherlands	301	135	130
Other Countries	607	374	245
Total	3,495	3,508	2,698
Asia:			
Japan	545	409	546
Philippines	166	105	134
Thailand	46	172	125
Hong Kong	252	237	94
Other Countries	359	539	126
Total	1,368	1,462	1,025
Latin America:			
Brazil	2,554	1,193	865
Venezuela	77	299	307
Colombia	403	655	268
Dominican Republic	107	153	216
Argentina	242	173	183
Peru	106	66	90
Other Countries	223	288	169
Total	3,712	2,827	2,098
Other countries:			
Russian Federation	153	80	141
Australia	93	93	127
Hungary	3	0	84
Czech Republic	1	0	56
Other Countries	217	188	247
Total	467	361	655
Grand total	11,373	10,582	8,776
Imports			
Germany	4,106	3,460	3,806
France	624	583	636
New Zealand	254	233	139
Australia	155	85	130
United Kingdom	272	240	129
Czech Republic	185	123	79
Belgium-Luxembourg	0	0	20
Slovenia	11	41	10
Other Countries	185	98	0
Total	5,792	4,863	4,949

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, 1991–2000

Year	Total number	Value		Year	Total number	Value	
		Per head	Total			Per head	Total
	Thousands	*Dollars*	*1,000 dollars*		*Thousands*	*Dollars*	*1,000 dollars*
1991	96,393	655	63,090,155	1996	103,548	503	52,055,705
1992	97,556	630	61,451,310	1997	101,656	525	53,383,392
1993	99,176	649	64,436,369	1998	99,744	603	60,193,070
1994	100,974	659	66,512,550	1999	99,115	594	58,833,650
1995	102,785	615	63,185,288	2000 [1]	98,048	683	67,011,240

[1] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-2.—All cattle and calves: Number, by classes, United States, Jan. 1, 1991–2000

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*
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	100,974	34,603	9,507	6,364	4,125	9,104	17,086	2,312	17,873
1995	102,785	35,190	9,482	6,452	4,121	9,302	17,513	2,385	18,341
1996	103,548	35,319	9,420	6,189	4,090	9,948	17,815	2,384	18,384
1997	101,656	34,458	9,318	6,042	4,058	10,212	17,392	2,350	17,826
1998	99,744	33,885	9,199	5,764	3,986	10,051	17,189	2,270	17,401
1999	99,115	33,745	9,133	5,535	4,069	10,170	16,891	2,281	17,290
2000 [2]	98,048	33,546	9,188	5,530	3,954	10,045	16,652	2,294	16,840

[1] Totals may not add due to rounding. [2] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-3.—All cattle and calves: Number and value, by States, Jan. 1, 1999–2000

State	Number		Value			
			Value per head		Total value	
	1999	2000 [1]	1999	2000 [1]	1999	2000 [1]
	Thousands	*Thousands*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,500	1,460	460	540	690,000	788,400
AK	12.0	10.0	740	780	8,880	7,800
AZ	810	840	640	690	518,400	579,600
AR	1,820	1,840	470	550	855,400	1,012,000
CA	5,100	5,100	810	880	4,131,000	4,488,000
CO	3,200	3,150	580	710	1,856,000	2,236,500
CT	65	67	850	920	55,250	61,640
DE	29	27	810	880	23,490	23,760
FL	1,830	1,830	520	600	951,600	1,098,000
GA	1,300	1,310	520	590	676,000	772,900
HI	173	164	490	540	84,770	88,560
ID	1,900	1,950	700	780	1,330,000	1,521,000
IL	1,510	1,510	600	690	906,000	1,041,900
IN	1,010	970	590	650	595,900	630,500
IA	3,700	3,700	610	690	2,257,000	2,553,000
KS	6,550	6,550	510	620	3,340,500	4,061,000
KY	2,420	2,250	490	580	1,185,800	1,305,000
LA	900	910	520	570	468,000	518,700
ME	102	97	760	830	77,520	80,510
MD	250	245	760	840	190,000	205,800
MA	58	57	850	920	49,300	52,440
MI	1,050	1,010	770	830	808,500	838,300
MN	2,500	2,550	670	760	1,675,000	1,938,000
MS	1,160	1,070	460	540	533,600	577,800
MO	4,400	4,350	550	620	2,420,000	2,697,000
MT	2,600	2,600	660	800	1,716,000	2,080,000
NE	6,700	6,650	570	670	3,819,000	4,455,500
NV	510	510	580	660	295,800	336,600
NH	47	47	850	920	39,950	43,240
NJ	53	48	870	930	46,110	44,640
NM	1,630	1,640	660	740	1,075,800	1,213,600
NY	1,460	1,460	860	920	1,255,600	1,343,200
NC	980	940	480	550	470,400	517,000
ND	1,920	1,830	650	790	1,248,000	1,445,700
OH	1,230	1,230	700	750	861,000	922,500
OK	5,300	5,200	510	630	2,703,000	3,276,000
OR	1,530	1,450	600	690	918,000	1,000,500
PA	1,670	1,640	830	890	1,386,100	1,459,600
RI	6.0	6.0	780	850	4,680	5,100
SC	480	465	500	580	240,000	269,700
SD	3,900	3,900	650	790	2,535,000	3,081,000
TN	2,180	2,100	470	570	1,024,600	1,197,000
TX	14,100	13,900	500	560	7,050,000	7,784,000
UT	890	910	590	660	525,100	600,600
VT	310	295	880	950	272,800	280,250
VA	1,700	1,600	480	590	816,000	944,000
WA	1,170	1,210	680	760	795,600	919,600
WV	440	420	480	560	211,200	235,200
WI	3,400	3,400	830	930	2,822,000	3,162,000
WY	1,560	1,580	650	770	1,014,000	1,216,600
US	99,115.0	98,048.0	594	683	58,833,650	67,011,240

[1] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-4.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1999 and 2000

State	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1999	2000 [1]	1999	2000 [1]	1999	2000 [1]	1999	2000 [1]	1999	2000 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	793	793	27	27	111	95	9	10	50	45
AK	4.1	3.5	0.9	0.9	1.4	0.6	0.4	0.4	0.3	0.2
AZ	218	200	132	135	40	39	23	26	34	23
AR	928	928	42	42	170	170	20	15	55	65
CA	810	790	1,440	1,490	145	145	720	720	190	175
CO	837	837	83	83	145	150	45	40	720	740
CT	7	8	29	28	1	2	12	12	1	1
DE	3	3	10	10	0.9	1.8	2.7	2.5	1.4	0.5
FL	983	994	157	156	145	145	40	40	25	25
GA	620	620	90	90	85	85	29	35	35	35
HI	86	84	9	9	16	14	4	4	5	6
ID	498	488	302	332	95	100	135	160	210	205
IL	465	480	125	120	55	55	60	60	210	200
IN	283	257	137	138	45	42	62	60	80	68
IA	1,020	1,025	220	215	140	140	120	110	650	590
KS	1,506	1,492	84	88	240	240	45	40	1,460	1,560
KY	1,105	1,070	135	130	150	145	55	45	105	80
LA	486	504	64	61	85	81	15	12	18	17
ME	10	10	42	41	3.0	4.0	20.0	18.0	1.0	2.0
MD	49	41	86	86	14	10	29	33	8	11
MA	7	6	25	25	1.2	2.0	12.0	10.0	0.8	1.0
MI	105	95	300	300	32	30	145	125	45	50
MN	385	400	545	540	90	100	290	290	170	180
MS	591	579	39	36	107	80	17	15	32	20
MO	2,065	2,062	165	158	265	255	75	65	260	260
MT	1,552	1,582	18	18	340	380	10	10	225	180
NE	1,978	1,974	72	76	300	290	30	30	1,530	1,540
NV	235	235	25	25	43	47	8	9	35	35
NH	4	5	20	19	1.5	2.0	10.0	10.0	0.5	1.0
NJ	10	10	18	16	3	3	7	5	1	2
NM	572	564	218	236	100	100	55	55	145	135
NY	78	80	702	700	20	30	310	300	40	40
NC	437	438	73	72	70	60	30	29	19	17
ND	980	940	50	50	165	160	15	15	210	230
OH	280	282	260	258	55	60	125	110	65	60
OK	1,908	1,898	92	92	310	330	30	30	530	490
OR	662	650	88	90	150	150	55	50	145	130
PA	151	141	619	619	42	40	280	280	48	40
RI	1.3	1.5	2.1	1.9	0.3	0.4	0.7	0.8	0.1	0.1
SC	231	227	24	23	42	40	10	11	13	13
SD	1,678	1,728	102	102	265	280	35	40	510	540
TN	1,030	1,014	100	96	155	145	45	40	70	45
TX	5,530	5,430	340	350	820	770	110	80	1,660	1,630
UT	335	355	95	95	72	70	43	46	70	74
VT	8	11	162	159	4	4	68	60	2	5
VA	688	661	122	119	115	112	63	60	70	63
WA	292	304	248	246	45	59	98	99	117	126
WV	207	202	18	18	35	31	5	5	29	25
WI	210	220	1,370	1,360	40	40	640	630	80	80
WY	824	824	6	6	160	195	1	1	189	184
US	33,745.4	33,546.0	9,133.0	9,187.8	5,535.3	5,529.8	4,068.8	3,953.7	10,170.1	10,044.8

See footnote at end of table.

Table 7-4.—Cattle and calves, Jan. 1: Number, by sex and weight classes, by States, 1999 and 2000—Continued

State	Steers, 500 pounds and over		Bulls, 500 pounds and over		Calves under 500 pounds	
	1999	2000 [1]	1999	2000 [1]	1999	2000 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	72	65	53	55	385	370
AK	0.9	0.6	2.0	1.2	2.0	2.6
AZ	210	210	22	22	131	185
AR	85	100	55	55	465	465
CA	665	660	70	70	1,060	1,050
CO	1,040	990	50	50	280	260
CT	2.5	2.5	0.5	1.0	12.0	12.5
DE	3.5	2.8	0.5	0.4	7.0	6.0
FL	35	25	60	60	385	385
GA	50	50	41	40	350	355
HI	8	8	5	4	40	35
ID	365	365	40	40	255	260
IL	305	295	30	30	260	270
IN	160	163	23	22	220	220
IA	960	1,020	70	70	520	530
KS	2,260	2,250	85	85	870	795
KY	225	180	75	70	570	530
LA	25	22	32	33	175	180
ME	3.5	3.0	1.5	1.0	21.0	18.0
MD	13	20	5	4	46	40
MA	1.5	2.5	1.5	1.5	9.0	9.0
MI	195	200	18	18	210	192
MN	455	460	35	40	530	540
MS	51	38	43	42	280	260
MO	510	450	120	120	940	980
MT	245	230	100	105	110	95
NE	2,140	2,170	105	110	545	460
NV	57	55	15	16	92	88
NH	2.0	1.5	0.5	0.5	8.5	8.0
NJ	4	3	1	1	9	8
NM	210	200	50	50	280	300
NY	30	40	20	20	260	250
NC	52	30	34	34	265	260
ND	270	260	55	55	175	120
OH	155	160	30	30	260	270
OK	1,150	1,150	120	120	1,160	1,090
OR	180	160	40	40	210	180
PA	175	165	25	25	330	330
RI	0.5	0.3	0.1	0.1	0.9	0.9
SC	20	15	20	19	120	117
SD	750	710	90	95	470	405
TN	120	110	70	70	590	580
TX	2,590	2,580	380	380	2,670	2,680
UT	120	112	22	23	133	135
VT	2.5	3.0	3.5	3.0	60.0	50.0
VA	190	175	42	40	410	370
WA	185	190	26	28	159	158
WV	52	45	14	14	80	80
WI	290	310	30	30	740	730
WY	200	195	50	50	130	125
US	16,890.9	16,652.2	2,281.1	2,293.7	17,290.4	16,840.0

[1] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-5.—Cattle and buffalo: Number in specified countries, 1997–99 [1]

Country	1997	1998	1999 [2]
	Thousands	*Thousands*	*Thousands*
Argentina	51,696	49,238	49,437
Australia	26,780	26,710	25,833
Belgium-Luxembourg	3,280	3,184	3,186
Brazil	146,110	144,670	143,893
Bulgaria	582	612	671
Canada	13,453	13,272	12,981
China, Peoples Republic of	110,318	116,847	124,000
Colombia	18,455	18,631	18,849
Costa Rica	1,529	1,527	1,617
Czech Republic	1,903	1,651	1,545
Denmark	2,052	2,026	1,968
Dominican Republic	1,986	1,971	1,960
Egypt	6,351	6,492	6,120
El Salvador	1,275	1,234	1,186
France	20,557	20,154	20,097
Germany	15,760	15,227	14,943
Greece	0	0	0
Guatemala	1,667	1,642	1,615
Honduras	2,125	1,945	1,824
India	299,802	303,030	306,967
Ireland	6,757	6,992	7,093
Italy	7,390	7,345	7,320
Japan	4,750	4,708	4,656
Kazakhstan, Republic of	5,410	4,307	3,958
Korea, Republic of	3,396	3,280	2,922
Mexico	26,822	25,628	24,498
Netherlands	4,366	4,292	4,184
New Zealand	9,020	9,150	8,870
Nicaragua	1,712	1,668	1,693
Philippines	4,949	5,400	5,442
Poland	6,958	7,029	6,455
Portugal	1,311	1,285	1,267
Romania	3,435	3,431	3,152
Russian Federation	35,800	31,500	28,600
South Africa, Republic of	14,101	13,667	13,772
Spain	5,925	5,883	6,065
Sweden	1,790	1,739	1,665
Switzerland	0	0	0
Taiwan	0	166	165
Turkey	11,700	11,600	11,610
Ukraine	15,313	12,579	11,696
United Kingdom	11,430	11,347	11,237
United States	101,656	99,744	98,522
Uruguay	10,651	10,553	10,392
Venezuela	12,646	12,692	12,738
Total	1,032,969	1,026,048	1,026,664

[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, 1999-2000, and calves born, by States, 1998 and 1999

State	Cows and heifers that have calved		Calves born	
	Jan. 1		1998	1999 [1]
	1999	2000 [1]		
	Thousands	*Thousands*	*Thousands*	*Thousands*
AL	820	820	740	720
AK	5.0	4.4	4.0	3.9
AZ	350	335	285	280
AR	970	970	840	850
CA	2,250	2,280	1,920	1,950
CO	920	920	870	870
CT	36	36	29	30
DE	13	13	9.5	10.5
FL	1,140	1,150	960	960
GA	710	710	590	590
HI	95	93	73	72
ID	800	820	770	780
IL	590	600	540	550
IN	420	395	380	360
IA	1,240	1,240	1,140	1,150
KS	1,590	1,580	1,450	1,450
KY	1,240	1,200	1,160	1,130
LA	550	565	430	440
ME	52	51	48	46
MD	135	127	110	105
MA	32	31	24	24
MI	405	395	365	355
MN	930	940	900	900
MS	630	615	540	540
MO	2,230	2,220	2,070	2,060
MT	1,570	1,600	1,520	1,570
NE	2,050	2,050	1,860	1,860
NV	260	260	220	220
NH	24	24	22	21
NJ	28	26	22	20
NM	790	800	620	630
NY	780	780	660	660
NC	510	510	450	450
ND	1,030	990	960	950
OH	540	540	490	500
OK	2,000	1,990	1,880	1,870
OR	750	740	690	680
PA	770	760	690	670
RI	3.4	3.4	2.6	3.0
SC	255	250	205	200
SD	1,780	1,830	1,720	1,780
TN	1,130	1,110	1,040	1,010
TX	5,870	5,780	5,250	5,150
UT	430	450	380	390
VT	170	170	158	150
VA	810	780	740	720
WA	540	550	490	500
WV	225	220	205	200
WI	1,580	1,580	1,460	1,450
WY	830	830	830	830
US	42,878.4	42,733.8	38,812.1	38,710.4

[1] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-7.—Cattle and calves: Number on feed, United States, Jan. 1, 1991–2000 [1]

Year	Number	Year	Number
	Thousands		*Thousands*
1991	12,715	1996	12,958
1992	11,942	1997	13,181
1993	12,789	1998	13,608
1994	13,024	1999	13,219
1995	12,420	2000 [2]	13,983

[1] Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade select or better. [2] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-8.—Cattle and calves: Total number on feed by States, 1998-2000 [1]

State	1998	1999	2000 [2]
	1,000 Head	*1,000 Head*	*1,000 Head*
AL	4	4	4
AZ	245	206	272
AR	10	15	11
CA	400	400	415
CO	1,140	1,160	1,200
GA	5	2	3
ID	295	295	315
IL	250	240	230
IN	170	165	120
IA	1,000	1,020	1,100
KS	2,370	2,160	2,350
KY	20	15	15
LA	1	.....	.....
MD	15	13	17
MI	200	200	200
MN	265	270	285
MS	3	105	100
MO	100	.....	.....
MT	80	70	70
NE	2,300	2,240	2,440
NV	24	16	21
NJ	4	4	3
NM	123	118	116
NY	30	30	30
NC	10	8	5
ND	70	75	70
OH	175	180	190
OK	435	415	435
OR	60	65	50
PA	75	75	75
SC	7	6	6
SD	310	355	350
TN	20	15	10
TX	2,860	2,730	2,910
UT	40	40	35
VA	30	30	27
WA	200	205	235
WV	10	10	7
WI	155	150	160
WY	85	100	90
Other States [3]	12	12	11
US	13,608	13,219	13,983

[1] Cattle and calves on feed are animals for slaughter market being fed a ration of grain or other concentrates and are expected to produce a carcass that will grade Select or better. [2] Preliminary. [3] AK, CT, DE, FL, HI, ME, MA, NH, RI, and VT. Includes LA and MS for 1999 and 2000.

NASS, Livestock Branch, (202) 720–6146.

Table 7-9.—Cattle: Average price per 100 pounds, by grades, at Nebraska Direct and South St. Paul, 1990–99

Year	Steers [1]		Heifers [2]		Omaha		South St. Paul	
					Cows [3]			Cows [3]
	Choice	Select	Choice	Select	Commercial	Utility	Commercial	Utility Boning
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
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
1998	60.07	56.17	59.23	55.17	.....	.....	40.15	37.02
1999 65-80%	65.64	.....	65.68	.....	.....	.....	43.52	38.55

[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, 1989–98

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*
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	39,369	1,702	2,921	46,238	9,627	23,149	233
1994	40,105	1,589	2,681	46,499	9,571	22,277	229
1995	40,264	1,645	2,739	48,741	9,656	23,507	227
1996	39,823	1,761	2,811	48,722	10,295	22,098	225
1997	38,961	1,847	2,829	49,647	10,154	23,828	223
1998 [4]	38,582	1,673	2,547	47,757	9,760	22,149	216

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*
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	41,139,670	28,848,468	39,486,980	389,997	39,876,977	72.60	91.20
1994	41,572,867	26,533,580	36,253,055	350,864	36,603,919	66.70	87.20
1995	42,533,734	24,699,740	34,044,038	304,751	34,348,789	61.80	73.10
1996	40,883,614	22,034,934	30,976,861	274,011	31,250,872	58.70	58.40
1997	41,110,640	24,941,882	35,999,620	322,053	36,321,673	63.10	78.90
1998 [4]	41,565,143	24,100,122	33,723,926	305,937	34,029,863	59.60	78.80

[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 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, 1993–99 [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*	
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
1998	61.05	1,282	408,859	61.79	1,211	3,135,109
1998	65.66	1,287	586,293	65.63	1,249	3,057,112

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*	
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
1998	61.31	1,175	278,275	61.83	1,102	2,369,994
1999	65.75	1,182	493,893	65.81	1,135	2,410,684

[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, 1990–99 [1]

Year	Kansas City	Greeley	Amarillo	South St. Joseph	South St. Paul	All others reporting	Total markets reporting [2 3]
	Cattle						
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1990	55	.....	.....	92	256	4,523	5,270
1991	.....	.....	.....	103	236	4,350	5,008
1992	.....	.....	.....	121	235	4,541	5,171
1993	.....	.....	.....	120	212	4,409	4,894
1994	.....	.....	.....	127	188	4,169	4,573
1995	352,919	.....	.....	121,241	178,803	4,068,402	4,860,164
1996	310,835	.....	.....	118,262	172,792	4,235,989	4,948,860
1997	335,589	70,607	136,416	121,440	180,224	4,213,651	4,952,767
1998	288,518	40,689	116,977	101,544	155,038	3,057,801	3,760,567
1999	.....	47,928	105,032	109,621	156,973	4,598,374	5,017,928
	Calves						
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
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
1998	.....	.....	.....	.....	3	89	92
1999	.....	.....	.....	.....	.....	.....	.....

[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, 1990–99

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*
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
1997	35,567	751	36,318	174	36,492	1,534	41	1,575	44	1,619
1998	34,787	678	35,465	172	35,637	1,422	36	1,458	43	1,501
1999	35,486	664	36,150	170	36,320	1,251	31	1,282	40	1,322

[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, 1999 [1]

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	117.9	143,964	1,221	.....	.....	.....
AK	.....	.....	.....	.....	.....	.....
AZ	492.4	588,908	1,196	.....	.....	.....
AR	21.8	19,041	874	1.0	444	461
CA	996.8	1,251,937	1,256	164.0	23,055	141
CO	2,652.6	3,235,214	1,220	.....	.....	.....
DE-MD	35.9	43,544	1,214	1.1	317	290
FL	62.7	66,710	1,063	.....	.....	.....
GA	404.0	456,881	1,131	.....	.....	.....
HI	17.5	16,295	932	.....	.....	.....
ID	782.8	966,094	1,234	.....	.....	.....
IL	995.7	1,200,667	1,206	119.8	50,008	418
IN	42.0	44,057	1,049	113.7	32,216	283
IA	867.5	1,037,371	1,196	.....	.....	.....
KS	8,033.4	9,631,648	1,199	.....	.....	.....
KY	20.9	18,399	880	0.8	340	442
LA	24.0	18,986	792	14.2	6,798	479
MI	381.8	522,541	1,369	45.7	12,704	278
MN	647.8	871,566	1,346	.....	.....	.....
MS	5.6	4,818	866	1.1	448	410
MO	89.2	101,530	1,138	2.4	809	331
MT	24.5	27,154	1,108	.....	.....	.....
NE	7,435.8	9,231,325	1,241	.....	.....	.....
NV	1.0	1,034	1,034	.....	.....	.....
N ENG [2]	24.9	26,493	1,063	40.9	5,414	132
NJ	24.8	27,973	1,127	109.8	47,657	434
NM	24.6	22,997	936	.....	.....	.....
NY	65.7	71,846	1,094	162.3	15,284	94
NC	174.4	186,461	1,069	.....	.....	.....
ND	.....	.....	.....	.....	.....	.....
OH	143.5	155,917	1,086	42.5	17,284	407
OK	38.4	37,614	980	1.1	470	440
OR	14.6	19,403	1,325	.....	.....	.....
PA	1,006.1	1,254,731	1,247	187.1	60,972	326
SC	.....	.....	.....	.....	.....	.....
SD	282.5	389,345	1,378	.....	.....	.....
TN	27.8	23,260	837	0.6	166	294
TX	6,735.3	7,744,483	1,150	34.1	15,121	444
UT	649.6	776,083	1,195	.....	.....	.....
VA	22.9	22,094	966	0.8	247	293
WA	856.5	1,083,655	1,265	.....	.....	.....
WV	14.8	13,235	892	.....	.....	.....
WI	1,719.4	2,186,798	1,272	166.4	67,561	406
WY	6.4	7,377	1,145	.....	.....	.....
US [3]	36,149.9	43,726,863	1,210	1,281.9	372,628	291

[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] CT, ME, MA, NH, RI, and VT. [3] States with no data printed are still included in the U.S. total.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-15.—Cattle and calves: Number slaughtered under Federal inspection, and average live weight, 1990–99

Year	Cattle		Calves	
	Number slaughtered	Average live weight	Number slaughtered	Average live weight
	Thousands	*Pounds*	*Thousands*	*Pounds*
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
1997	35,567	1,177	1,534	335
1998	34,787	1,207	1,422	282
1999	35,486	1,212	1,251	288

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-16.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1998 (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	565.0	195.0	26.0	2.0	594,350	343,687	375,931	2,036	377,967
AK	3.7	0.2	0.3	0.4	3,850	2,419	2,681	249	2,930
AZ	637.0	134.0	517.0	1.0	477,277	299,122	455,225	2,030	457,255
AR	659.0	201.0	115.0	5.0	537,659	298,301	324,159	3,955	328,114
CA	2,134.0	220.0	820.0	21.0	1,928,381	870,570	1,205,088	10,047	1,215,135
CO	2,928.0	110.0	2,200.0	2.0	1,982,124	1,172,164	2,149,157	6,451	2,155,608
CT	18.0	15.0	3.0	1.0	16,987	8,199	10,255	917	11,172
DE	8.0	2.4	4.0	0.4	6,909	4,015	5,424	562	5,986
FL	251.0	766.0	66.0	2.0	387,890	249,812	293,327	1,311	294,638
GA	340.0	307.0	125.0	3.0	433,297	216,031	261,725	3,699	265,424
HI	27.0	40.0	.....	1.0	35,660	15,220	16,861	709	17,570
ID	953.0	128.0	435.0	2.0	923,020	522,397	652,718	5,455	658,173
IL	597.0	116.0	250.0	7.0	615,385	386,235	473,818	11,620	485,438
IN	308.0	114.0	96.0	4.0	319,215	168,554	190,340	8,720	199,060
IA	1,927.0	93.0	1,020.0	5.0	1,753,371	951,390	1,415,086	9,951	1,425,037
KS	5,442.0	2.0	4,200.0	6.0	3,764,421	2,187,610	4,025,903	10,874	4,036,777
KY	945.0	545.0	390.0	7.0	732,398	438,400	605,450	9,862	615,312
LA	150.0	268.0	2.0	2.0	235,584	145,306	153,810	723	154,533
ME	28.0	24.0	5.0	1.0	26,340	13,653	16,738	1,914	18,652
MD	75.0	35.0	5.0	2.0	93,000	55,688	60,825	3,413	64,238
MA	12.0	17.0	3.0	1.0	10,174	4,592	6,960	992	7,952
MI	308.0	37.0	65.0	5.0	385,229	183,321	196,656	7,465	204,121
MN	982.0	127.0	370.0	6.0	1,070,366	602,003	749,643	11,867	761,510
MS	286.0	246.0	12.0	2.0	305,060	158,772	173,652	3,792	177,444
MO	783.0	1,080.0	40.0	7.0	1,128,940	779,162	758,893	19,458	778,351
MT	1,330.0	260.0	178.0	6.0	1,052,386	668,446	744,544	8,411	752,955
NE	5,542.0	86.0	3,900.0	2.0	4,212,661	2,316,255	4,265,745	7,826	4,273,571
NV	148.0	101.0	50.0	2.0	153,700	94,333	114,870	1,762	116,632
NH	7.0	10.0	2.0	1.0	11,268	4,960	4,063	461	4,524
NJ	11.5	14.0	1.0	0.5	12,103	5,475	7,557	485	8,042
NM	1,225.0	215.0	910.0	3.0	750,050	410,939	732,420	3,731	736,151
NY	190.0	422.0	21.0	2.0	254,813	94,547	106,712	2,928	109,640
NC	206.0	189.0	14.0	2.0	286,076	158,814	153,963	7,686	161,649
ND	424.0	454.0	80.0	3.0	592,803	397,822	352,888	4,715	357,603
OH	405.0	139.0	44.0	6.0	422,647	250,556	289,338	17,073	306,411
OK	2,780.0	355.0	1,350.0	10.0	1,834,367	1,222,161	1,835,896	13,471	1,849,367
OR	415.0	203.0	30.0	14.0	605,600	364,759	361,553	10,543	372,096
PA	442.0	268.0	90.0	10.0	536,285	298,099	338,175	14,103	352,278
RI	1.0	1.5	0.3	0.1	1,195	584	687	55	742
SC	151.0	31.0	4.0	3.0	170,288	92,251	90,251	4,045	94,296
SD	1,398.0	410.0	431.0	3.0	1,421,723	903,178	997,966	8,265	1,006,231
TN	693.0	392.0	78.0	3.0	536,266	312,319	376,012	4,342	380,354
TX	8,350.0	105.0	3,250.0	15.0	7,502,487	4,436,922	5,844,844	13,338	5,858,182
UT	375.0	95.0	113.0	4.0	370,730	241,111	303,111	5,897	309,008
VT	58.0	94.0	16.0	1.0	66,150	26,942	32,393	959	33,352
VA	479.0	188.0	15.0	5.0	504,590	295,920	294,222	9,228	303,450
WA	818.0	31.0	377.0	11.0	725,385	447,415	645,453	6,362	651,815
WV	129.0	83.0	29.0	4.0	129,976	64,440	71,492	3,601	75,093
WI	863.0	542.0	76.0	9.0	1,040,700	514,614	580,519	13,438	593,957
WY	950.0	249.0	320.0	1.0	604,007	400,637	598,927	5,140	604,067
US	47,757.2	9,760.1	22,148.6	216.4	41,565,143	24,100,122	33,723,926	305,937	34,029,863

[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 Branch, (202) 720–6146.

Table 7-17.—Cattle: Number slaughtered under Federal inspection and percentage distribution, by classes, 1990–99

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*
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
1997 ..	17,172	11,287	2,926	3,498	6,424	683	48.3	31.7	8.2	9.8	18.1	1.9
1998 ..	17,101	11,228	2,620	3,245	5,865	593	49.2	32.3	7.5	9.3	16.9	1.7
1999 ..	17,608	11,648	2,573	3,030	5,603	627	49.6	32.8	7.3	8.5	15.8	1.8

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-18.—Cattle and calves: Number of operations, 1998–99, and inventory, Jan 1, 1999–2000, by States and United States [1]

State	Operations with cattle		January 1 cattle inventory	
	1998	1999 [2]	1999	2000 [2]
	Number		*1,000 head*	
AL	30,000	28,000	1,500	1,460
AK	120	120	12.0	10.0
AZ	3,200	3,200	810	840
AR	31,000	31,000	1,820	1,840
CA	23,000	23,000	5,100	5,100
CO	15,500	15,000	3,200	3,150
CT	1,200	1,200	65	67
DE	450	480	29	27
FL	22,000	21,000	1,830	1,830
GA	23,000	23,000	1,300	1,310
HI	830	800	173	164
ID	12,000	12,000	1,900	1,950
IL	26,000	26,000	1,510	1,510
IN	24,000	23,000	1,010	970
IA	39,000	37,000	3,700	3,700
KS	37,000	37,000	6,550	6,550
KY	50,000	48,000	2,420	2,250
LA	15,500	15,500	900	910
ME	2,000	1,900	102	97
MD	4,500	4,500	250	245
MA	1,400	1,300	58	57
MI	16,000	16,000	1,050	1,010
MN	31,000	30,000	2,500	2,550
MS	26,000	26,000	1,160	1,070
MO	69,000	69,000	4,400	4,350
MT	14,000	13,500	2,600	2,600
NE	29,000	28,000	6,700	6,650
NV	1,700	1,700	510	510
NH	950	950	47	47
NJ	1,800	1,800	53	48
NM	8,700	8,700	1,630	1,640
NY	17,500	17,500	1,460	1,460
NC	30,000	28,000	980	940
ND	14,300	14,300	1,920	1,830
OH	30,000	28,000	1,230	1,230
OK	62,000	60,000	5,300	5,200
OR	17,200	16,900	1,530	1,450
PA	28,000	28,000	1,670	1,640
RI	200	210	6.0	6.0
SC	11,000	11,000	480	465
SD	21,000	21,000	3,900	3,900
TN	55,000	53,000	2,180	2,100
TX	147,000	153,000	14,100	13,900
UT	8,000	7,900	890	910
VT	3,200	3,200	310	295
VA	29,000	28,000	1,700	1,600
WA	17,000	15,000	1,170	1,210
WV	14,000	13,000	440	420
WI	45,000	43,000	3,400	3,400
WY	6,400	6,300	1,560	1,580
US	1,115,650	1,095,960	99,115.0	98,048.0

[1] An operation is any place having one or more head of cattle on hand at any time during the year. [2] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-19.—Cattle and calves: Average dressed weight under Federal inspection, 1990–99

Year	Cattle					Calves
	All cattle	Steers	Heifers	Cows	Bulls	
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
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
1997	706	764	703	539	851	208
1998	730	789	724	554	865	174
1999	736	793	727	560	881	176

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, 1998–99 [1]

State	Operations having									
	1–49 head		50–99 head		100–499 head		500–999 head		1000+ head	
	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
AL	21,000	19,500	4,500	4,300	4,200	3,900	240	240	60	60
AZ	1,900	1,900	350	350	650	650	150	150	150	150
AR	20,000	20,000	6,500	6,300	4,200	4,400	230	240	70	60
CA	15,400	15,400	1,900	1,900	3,400	3,400	1,100	1,100	1,200	1,200
CO	8,100	8,200	2,600	2,300	3,700	3,400	650	650	450	450
FL	17,000	16,000	2,250	2,300	2,100	2,050	350	350	300	300
GA	16,300	16,000	3,700	3,810	2,700	2,900	240	240	60	50
ID	7,000	7,000	1,700	1,700	2,630	2,600	400	400	270	300
IL	16,900	17,100	4,800	4,800	4,100	3,900	150	160	50	40
IN	18,500	17,700	3,200	3,100	2,170	2,070	100	100	30	30
IA	19,500	17,000	9,000	9,150	9,650	10,000	600	600	250	250
KS	17,700	17,500	7,700	7,000	10,000	10,800	1,000	1,100	600	600
KY	35,000	33,000	9,000	8,900	5,750	5,900	200	150	50	50
LA	10,700	11,400	2,300	2,000	2,300	1,900	160	160	40	40
MD	3,000	3,000	680	730	785	730	25	30	10	10
MI	11,000	11,200	2,280	2,170	2,500	2,400	160	170	60	60
MN	15,200	14,800	8,100	7,500	7,300	7,300	300	300	100	100
MS	19,000	19,000	3,700	4,000	3,100	2,800	150	150	50	50
MO	43,000	43,000	14,000	13,900	11,400	11,500	470	460	130	140
MT	5,500	5,100	2,250	2,150	5,100	5,000	800	850	350	400
NE	10,900	10,300	6,100	5,600	9,700	9,800	1,350	1,300	950	1,000
NM	4,900	5,000	1,200	1,270	1,870	1,700	380	380	350	350
NY	8,800	9,400	3,900	3,400	4,500	4,400	220	220	80	80
NC	25,000	23,000	3,200	3,200	1,710	1,710	70	70	20	20
ND	4,300	4,300	3,600	3,600	5,800	5,800	520	520	80	80
OH	23,000	22,000	3,800	3,000	3,030	2,840	140	130	30	30
OK	38,000	37,000	11,200	10,800	11,300	10,800	1,000	900	500	500
OR	12,600	12,600	1,630	1,400	2,300	2,200	440	480	230	220
PA	16,000	16,000	7,000	7,500	4,840	4,340	130	130	30	30
SD	6,300	6,200	4,200	4,000	8,800	9,000	1,200	1,300	500	500
TN	41,000	40,000	8,500	7,800	5,300	5,000	170	170	30	30
TX	96,000	103,000	24,000	22,000	23,000	24,000	2,600	2,700	1,400	1,300
UT	4,500	4,500	1,220	1,200	1,900	1,800	250	270	130	130
VT	1,400	1,500	750	700	990	940	50	50	10	10
VA	19,000	18,300	5,400	5,300	4,300	4,100	250	250	50	50
WA	13,500	11,500	1,100	1,200	2,000	1,900	250	260	150	140
WI	19,000	18,000	12,000	11,500	13,540	13,000	390	410	70	90
WY	2,100	2,100	1,000	900	2,400	2,400	600	600	300	300
Oth Sts [3]	27,400	27,000	4,200	3,500	3,500	3,420	360	360	190	180
US	695,400	685,500	194,510	186,230	198,515	196,750	17,845	18,100	9,380	9,380

[1] An operation is any place having one or more cattle on hand during the year. [2] Preliminary. [3] Individual State estimates not available for the 12 other States.

NASS, Livestock Branch, (202) 720–6146.

Table 7-21.—Cattle and calves: Percent of inventory by size group, selected States, and United States, 1998–99 [1]

State	Inventory on operations having									
	1–49 head		50–99 head		100–499 head		500–999 head		1,000+ head	
	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]
	Percent									
AL	24.0	24.0	17.0	18.0	45.0	44.0	9.3	9.2	4.7	4.8
AZ	3.0	2.5	2.5	2.5	17.0	16.0	10.5	11.0	67.0	68.0
AR	22.0	22.0	24.0	24.0	41.0	41.0	7.0	7.0	6.0	6.0
CA	3.3	3.3	2.7	2.7	16.0	16.0	17.0	17.0	61.0	61.0
CO	4.6	4.0	5.6	5.0	24.0	22.0	12.8	14.0	53.0	55.0
FL	13.0	12.0	8.0	9.0	23.0	23.0	13.0	13.0	43.0	43.0
GA	23.0	21.0	20.0	20.0	38.0	40.0	11.0	12.5	8.0	6.5
ID	6.0	6.0	6.5	6.5	30.0	29.0	14.5	14.5	43.0	44.0
IL	20.0	20.0	21.0	22.0	47.0	47.0	6.5	6.5	5.5	4.5
IN	32.0	33.0	21.0	21.0	37.0	36.0	6.0	6.0	4.0	4.0
IA	10.0	8.5	17.0	17.0	50.0	52.0	11.0	10.5	12.0	12.0
KS	6.0	6.0	8.0	7.0	29.0	32.0	10.0	11.0	47.0	44.0
KY	28.0	27.5	24.0	25.0	39.5	40.0	5.1	3.9	3.4	3.6
LA	22.0	23.0	15.0	15.0	45.0	44.0	11.0	11.0	7.0	7.0
MD	19.0	16.0	16.5	18.0	53.0	52.0	6.5	8.0	5.0	6.0
MI	18.0	17.0	15.0	14.0	46.0	48.0	10.0	11.0	11.0	10.0
MN	12.0	12.5	23.0	21.0	50.0	52.0	8.0	8.0	7.0	6.5
MS	27.0	25.0	21.0	22.0	37.0	39.0	7.0	7.0	8.0	7.0
MO	19.0	19.0	21.0	21.0	48.0	48.0	7.0	7.0	5.0	5.0
MT	4.0	3.0	6.0	6.0	44.0	41.0	20.0	22.0	26.0	28.0
NE	3.5	3.2	6.2	5.8	30.0	31.0	13.3	13.0	47.0	47.0
NM	4.5	5.0	4.5	5.0	24.0	22.0	15.0	16.0	52.0	52.0
NY	11.0	11.0	19.0	17.0	52.0	53.0	10.0	10.0	8.0	9.0
NC	35.0	35.0	22.0	22.0	34.0	34.0	4.9	5.1	4.1	3.9
ND	5.5	5.0	11.0	11.0	61.0	61.0	16.0	16.5	6.5	6.5
OH	29.0	31.0	20.0	17.0	41.0	42.0	6.5	6.7	3.5	3.3
OK	14.0	14.0	14.0	14.0	37.0	37.0	12.0	11.0	23.0	24.0
OR	11.0	12.0	7.0	6.0	31.0	31.0	20.0	20.0	31.0	31.0
PA	17.0	16.0	26.0	30.0	49.0	46.0	5.0	5.0	3.0	3.0
SD	4.0	3.0	8.0	7.0	49.0	50.0	20.0	21.0	19.0	19.0
TN	35.0	35.0	24.0	23.0	34.0	35.0	5.0	5.3	2.0	1.7
TX	12.0	13.0	11.0	11.0	31.0	30.0	12.0	12.0	34.0	34.0
UT	7.5	6.5	9.5	9.5	43.0	42.0	18.0	19.0	22.0	23.0
VT	8.0	7.0	18.0	16.0	57.0	62.0	11.0	10.0	6.0	5.0
VA	22.0	21.0	21.0	22.0	44.0	44.0	9.0	9.0	4.0	4.0
WA	11.0	9.0	6.0	7.0	36.0	33.0	14.0	16.0	33.0	35.0
WI	9.7	9.7	22.0	21.0	58.0	58.0	7.5	7.8	2.8	3.5
WY	3.0	3.0	4.0	3.5	32.0	31.0	24.0	25.5	37.0	37.0
Oth Sts [3]	20.0	20.0	14.0	13.0	34.0	33.0	11.0	12.0	21.0	22.0
US	12.4	12.2	13.0	12.8	37.0	37.1	11.7	12.0	25.9	25.9

[1] Percents reflect average distributions of various probability surveys conducted during the year but are based primarily on end-of-year surveys. [2] Preliminary. [3] Individual State estimates not available for the 12 other States.

NASS, Livestock Branch, (202) 720–6146.

Table 7-22.—Beef cows: Number of operations, 1998–99, and inventory, January 1, 1999–2000, by States and United States [1]

State	Operations with beef cows [2]		January 1 beef cow inventory	
	1998	1999 [3]	1999	2000 [3]
	Number	*Number*	*1,000 head*	*1,000 head*
AL	28,000	27,000	793	793
AK	90	90	4.1	3.5
AZ	2,300	2,200	218	200
AR	28,000	28,000	928	928
CA	14,500	14,300	810	790
CO	11,700	11,200	837	837
CT	750	750	7	8
DE	240	250	3	3
FL	20,000	18,000	983	994
GA	22,000	22,000	620	620
HI	750	700	86	84
ID	8,000	8,000	498	488
IL	17,700	17,700	465	480
IN	15,500	15,000	283	257
IA	28,000	27,000	1,020	1,025
KS	29,000	29,000	1,506	1,492
KY	42,000	41,000	1,105	1,070
LA	12,900	13,100	486	504
ME	1,000	900	10	10
MD	2,800	2,800	49	41
MA	850	750	7	6
MI	7,800	7,200	105	95
MN	15,800	15,800	385	400
MS	24,000	24,000	591	579
MO	59,000	59,000	2,065	2,062
MT	12,700	12,300	1,552	1,582
NE	23,000	23,000	1,978	1,974
NV	1,400	1,400	235	235
NH	550	550	4	5
NJ	1,100	1,100	10	10
NM	7,000	7,000	572	564
NY	6,400	6,700	78	80
NC	27,000	25,000	437	438
ND	12,700	12,700	980	940
OH	17,500	17,000	280	282
OK	52,000	50,000	1,908	1,898
OR	13,500	13,500	662	650
PA	11,300	11,300	151	141
RI	130	140	1.3	1.5
SC	10,000	10,000	231	227
SD	17,500	17,000	1,678	1,728
TN	47,000	46,000	1,030	1,014
TX	131,000	135,000	5,530	5,430
UT	5,600	5,600	335	355
VT	1,100	1,000	8	11
VA	23,000	23,000	688	661
WA	12,000	10,000	292	304
WV	12,000	11,000	207	202
WI	11,800	11,700	210	220
WY	5,500	5,500	824	824
US	855,460	843,230	33,745.4	33,546.0

[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. [3] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-23.—Beef cows: Number of operations by size group, selected States and United States, 1998–99 [1]

State	Operations having							
	1–49 head		50–99 head		100–499 head		500+ head	
	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]
	Number							
AL	23,000	22,000	3,200	3,200	1,750	1,750	50	50
AZ	1,450	1,450	300	200	450	450	100	100
AR	22,800	22,800	3,500	3,500	1,640	1,640	60	60
CA	11,100	11,100	1,300	1,100	1,800	1,800	300	300
CO	7,200	7,100	1,900	1,700	2,350	2,150	250	250
FL	16,500	14,500	1,600	1,800	1,570	1,400	330	300
GA	18,700	18,400	2,160	2,370	1,100	1,200	40	30
ID	5,500	5,500	1,000	1,000	1,360	1,360	140	140
IL	15,500	15,500	1,600	1,600	585	585	15	15
IN	14,400	14,000	850	770	250	230	.....	.....
IA	21,000	19,900	5,000	5,000	1,970	2,070	30	30
KS	19,600	19,200	5,500	5,500	3,760	4,150	140	150
KY	36,000	35,000	4,200	4,300	1,770	1,670	30	30
LA	10,500	10,800	1,200	1,200	1,130	1,050	70	50
MN	13,600	13,700	1,650	1,550	530	530	20	20
MS	20,000	20,000	3,000	2,900	950	1,060	50	40
MO	47,000	47,000	8,200	8,200	3,690	3,690	110	110
MT	5,700	5,200	2,300	2,370	4,200	4,200	500	530
NE	12,700	12,700	4,800	4,800	5,000	4,980	500	520
NM	4,500	4,500	1,030	1,080	1,250	1,200	220	220
NC	24,900	22,900	1,500	1,500	590	590	10	10
ND	6,000	6,000	3,500	3,400	3,140	3,230	60	70
OH	16,500	16,100	740	700	250	190	10	10
OK	40,000	38,500	7,900	7,400	3,900	3,900	200	200
OR	10,900	10,800	1,070	1,300	1,300	1,190	230	210
PA	10,800	10,800	390	390	110	110	.....	.....
SD	8,000	7,300	4,000	3,950	5,200	5,400	300	350
TN	42,000	41,100	3,700	3,500	1,280	1,380	20	20
TX	103,000	106,000	15,800	16,500	11,300	11,600	900	900
UT	3,700	3,700	900	900	900	910	100	90
VA	19,000	18,900	2,700	2,900	1,260	1,160	40	40
WA	10,600	8,600	690	700	660	650	50	50
WY	2,200	2,300	1,020	1,000	1,900	1,850	380	350
Oth Sts [3]	54,000	52,700	3,200	2,800	1,390	1,370	170	160
US	678,350	666,050	101,400	101,080	70,285	70,695	5,425	5,405

[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. [2] Preliminary. [3] Individual State estimates are not available for 17 other States.

NASS, Livestock Branch, (202) 720–6146.

Table 7-24.—Beef cows: Percent of inventory by size group, selected States, and United States, 1998–99 [1]

State	Inventory on operations having							
	1–49 head		50–99 head		100–499 head		500+ head	
	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]
	Percent							
AL	41.0	40.0	23.0	24.0	32.0	32.0	4.0	4.0
AZ	8.0	8.0	7.0	5.0	37.0	38.0	48.0	49.0
AR	43.0	43.0	25.0	25.0	28.0	28.0	4.0	4.0
CA	13.0	13.0	10.0	9.0	43.0	43.0	34.0	35.0
CO	14.0	14.0	15.0	14.0	50.0	48.0	21.0	24.0
FL	18.0	17.0	10.0	12.0	27.0	26.0	45.0	45.0
GA	44.0	43.0	22.0	23.0	29.0	31.0	5.0	3.0
ID	16.0	16.0	13.0	13.0	48.0	48.0	23.0	23.0
IL	56.0	56.0	24.0	23.0	18.2	19.0	1.8	2.0
IN	68.0	71.0	18.0	17.0	14.0	12.0	.....	.....
IA	39.5	37.0	30.0	32.0	28.0	28.5	2.5	2.5
KS	28.0	26.0	24.0	23.0	41.0	44.0	7.0	7.0
KY	53.0	53.0	23.0	25.0	22.5	20.5	1.5	1.5
LA	34.0	37.0	16.0	16.0	38.0	39.0	12.0	8.0
MN	50.0	50.0	28.0	27.0	18.5	19.5	3.5	3.5
MS	42.0	41.0	26.0	26.0	27.0	29.0	5.0	4.0
MO	42.0	43.0	26.0	25.0	27.0	27.0	5.0	5.0
MT	7.0	5.0	10.0	10.0	56.0	56.0	27.0	29.0
NE	13.0	12.0	17.0	17.0	47.0	48.0	23.0	23.0
NM	12.0	11.0	11.0	12.0	42.0	42.0	35.0	35.0
NC	59.0	57.0	21.0	21.0	18.0	20.0	2.0	2.0
ND	14.5	13.5	22.0	22.0	59.0	60.0	4.5	4.5
OH	71.0	71.0	15.0	16.0	11.7	10.7	2.3	2.3
OK	35.0	35.0	23.0	23.0	34.0	34.0	8.0	8.0
OR	18.0	17.0	10.0	12.0	40.0	39.0	32.0	32.0
PA	74.0	72.0	15.0	16.0	11.0	12.0	.....	.....
SD	11.0	10.0	17.0	16.0	58.0	59.0	14.0	15.0
TN	58.0	57.0	23.0	22.5	17.5	19.3	1.5	1.2
TX	29.0	29.0	18.0	19.0	37.0	37.0	16.0	15.0
UT	15.0	13.0	17.0	17.0	45.0	46.0	23.0	24.0
VA	45.0	44.0	24.0	27.0	27.0	25.0	4.0	4.0
WA	27.0	25.0	15.0	17.0	40.0	42.0	18.0	16.0
WY	5.0	6.0	8.0	9.0	48.0	48.0	39.0	37.0
Other States [3]	49.0	49.0	16.0	15.0	19.0	19.0	16.0	17.0
US	30.4	29.9	18.9	19.1	36.1	36.6	14.6	14.4

[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. [2] Preliminary. [3] Individual State estimates are not available for 17 other States.

NASS, Livestock Branch, (202) 720–6146.

Table 7-25.—Hogs and pigs: Number and value, United States, Dec. 1, 1990–99

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	Thousands	*Dollars*	*1,000 dollars*		*Thousands*	*Dollars*	*1,000 dollars*
1990	54,416	85.40	4,647,808	1995	58,201	71.00	4,115,118
1991	57,649	68.80	3,966,276	1996	56,124	94.00	5,280,742
1992	58,202	71.20	4,146,646	1997	61,158	82.00	4,985,532
1993	57,940	75.00	4,339,509	1998	62,206	44.00	2,765,847
1994	59,738	53.00	3,178,123	1999 [1]	59,407	72.00	4,261,389

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-26.—Hogs and pigs: Number and value, by States, Dec. 1, 1998–99

State	Operations		Number		Value			
					Value per head		Total value	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	Number	*Number*	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	1,000	500	190	175	44	71	8,360	12,425
AK	50	60	2.1	1.4	150	140	315	196
AZ	250	230	115	140	48	78	5,520	10,920
AR	1,300	1,100	750	710	46	68	34,500	48,280
CA	1,600	1,100	210	190	60	97	12,600	18,430
CO	1,000	500	870	910	48	78	41,760	70,980
CT	250	300	4.0	2.5	60	97	240	243
DE	150	120	31	27	43	69	1,333	1,863
FL	1,800	1,700	55	40	46	74	2,530	2,960
GA	1,700	1,400	480	480	43	65	20,640	31,200
HI	250	230	29	28	130	140	3,770	3,920
ID	800	600	27	22	45	73	1,215	1,606
IL	7,000	6,500	4,850	4,100	40	69	194,000	282,900
IN	6,400	6,200	4,050	3,250	42	73	170,100	237,250
IA	17,500	14,500	15,300	15,400	47	77	719,100	1,185,800
KS	2,600	1,900	1,590	1,460	37	60	58,830	87,600
KY	1,700	1,400	520	460	35	52	18,200	23,920
LA	600	600	30	29	48	78	1,440	2,262
ME	400	400	6.5	7.0	48	78	312	546
MD	620	550	65	55	44	71	2,860	3,905
MA	500	500	20.0	21.0	48	78	960	1,638
MI	2,800	2,000	1,120	980	48	79	53,760	77,420
MN	8,500	7,500	5,700	5,500	51	83	290,700	456,500
MS	2,000	1,800	275	280	47	76	12,925	21,280
MO	5,000	4,000	3,300	3,150	40	64	132,000	201,600
MT	650	600	190	150	46	74	8,740	11,100
NE	5,900	5,000	3,400	3,000	46	73	156,400	219,000
NV	110	100	7.5	7.5	60	97	450	728
NH	300	250	4.0	3.5	53	86	212	301
NJ	550	450	24.0	15.0	53	86	1,272	1,290
NM	400	400	6.0	6.0	48	78	288	468
NY	1,400	1,000	60	40	44	71	2,640	2,840
NC	4,200	4,000	9,700	9,500	41	63	397,700	598,500
ND	850	760	205	190	46	74	9,430	14,060
OH	6,500	6,000	1,700	1,500	43	74	73,100	111,000
OK	3,100	2,800	1,920	2,260	46	63	88,320	142,380
OR	1,200	900	30	30	48	78	1,440	2,340
PA	3,500	3,400	1,100	1,050	44	68	48,400	71,400
RI	50	60	3.0	2.5	46	74	138	185
SC	1,000	700	270	245	40	63	10,800	15,435
SD	3,200	2,700	1,400	1,260	49	79	68,600	99,540
TN	2,200	1,700	300	250	36	61	10,800	15,250
TX	5,000	4,600	640	870	44	64	28,160	55,680
UT	500	500	380	520	48	78	18,240	40,560
VT	250	250	3.5	3.0	60	97	210	291
VA	1,500	1,200	390	370	38	66	14,820	24,420
WA	1,000	800	37	30	53	86	1,961	2,580
WV	1,100	1,100	16	12	46	74	736	888
WI	3,300	3,300	690	570	40	64	27,600	36,480
WY	300	200	140	105	53	86	7,420	9,030
US	113,830	98,460	62,206	59,407	44	72	2,765,847	4,261,389

[1] Preliminary. Totals may not add due to rounding

NASS, Livestock Branch, (202) 720–6146.

Table 7-27.—Sows farrowing and pig crop: Number, United States, 1990–99

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*
1990	5,732	5,709	45,223	44,877	90,100	1995	6,046	5,843	50,077	48,739	98,816
1991	5,988	6,071	47,413	47,902	95,315	1996	5,665	5,449	47,888	46,571	94,459
1992	6,260	6,012	50,466	48,676	99,142	1997	5,595	5,884	48,394	51,190	99,584
1993	6,039	5,977	49,110	48,216	97,326	1998	6,014	6,047	52,469	52,535	105,004
1994	6,257	6,139	51,217	50,261	101,478	1999 [1]	5,877	5,789	51,517	51,052	102,569

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-28.—Hogs and pigs: Number for breeding and market, United States, 1990–99

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*
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	58,795	7,260	20,739	12,898	9,877	8,022	51,536
1994	60,847	7,532	22,024	13,092	10,007	8,193	53,315
1995	59,329	7,117	21,042	12,841	9,780	8,549	52,211
1996	56,038	6,682	19,645	12,196	9,757	7,759	49,356
1997	57,366	6,789	19,988	12,574	10,002	8,013	50,577
1998	62,213	6,958	21,482	13,711	11,084	8,978	55,524
1999 [1]	60,896	6,515	20,532	13,501	11,076	9,272	54,380
	Dec. 1						
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
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	57,940	7,166	19,171	12,627	10,268	8,709	50,774
1994	59,738	6,998	19,477	13,007	10,927	9,329	52,739
1995	58,201	6,770	18,916	12,755	10,704	9,057	51,431
1996	56,124	6,578	18,503	12,193	10,209	8,641	49,546
1997	61,158	6,957	20,237	13,319	11,188	9,457	54,200
1998	62,206	6,682	20,140	13,631	11,585	10,168	55,523
1999 [1]	59,407	6,244	19,298	13,106	11,073	9,687	53,164

[1] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-29.—Hogs: Number in specified countries, 1997–99 [1]

Country	1997	1998	1999 [2]
	Thousands	*Thousands*	*Thousands*
Australia	2,600	2,600	2,600
Austria	3,664	3,730	3,810
Belgium-Luxembourg	7,190	7,486	7,682
Brazil	31,369	31,427	30,997
Bulgaria	1,500	1,480	1,721
Canada	11,480	11,985	12,402
China, People's Republic of	362,836	388,965	396,000
Colombia	0	0	0
Czech Republic	4,048	4,013	4,001
Denmark	11,081	11,442	11,891
Dominican Republic	0	0	0
France	14,968	15,443	15,864
Germany	24,283	24,845	26,299
Greece	0	0	0
Guatemala	0	0	0
Ireland	1,665	1,767	1,801
Italy	8,100	8,200	8,225
Japan	9,823	9,904	9,873
Kazakhstan	0	0	0
Korea, Republic of	6,516	7,096	6,700
Mexico	10,250	10,520	10,758
Netherlands	14,253	11,488	12,418
New Zealand	0	0	0
Philippines	9,750	10,210	10,398
Poland	17,697	18,498	19,275
Portugal	2,344	2,415	2,341
Romania	8,235	7,273	7,000
Russian Federation	19,500	16,579	16,400
South Africa, Republic of	0	0	0
Spain	18,651	18,970	21,715
Sweden	2,351	2,286	2,220
Switzerland	0	0	0
Taiwan	10,698	7,967	6,539
Ukraine	11,236	9,479	9,909
United Kingdom	7,621	8,086	7,554
United States	56,124	61,158	62,206
Total	689,833	715,312	728,599

[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. NA-not available.

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, 1990–99

Year	Commercial			Farm	Total
	Federally inspected	Other	Total [1]		
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
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
1997	90,228	1,733	91,960	165	92,125
1998	99,285	1,745	101,029	165	101,194
1999	99,739	1,806	101,544	150	101,694

[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, 1998 and 1999

State	Sows farrowing							
	Dec.–Feb.		Mar.–May		June–Aug.		Sept.–Nov.	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AR	56	56	56	55	57	57	56	55
CO	62	73	73	79	78	93	73	87
IL	225	210	255	210	230	200	235	205
IN	195	185	195	175	190	170	195	155
IA	520	480	550	520	530	490	510	500
KS	90	83	90	85	92	82	90	78
MI	40	37	53	55	52	51	52	49
MN	260	255	275	265	280	265	265	250
MO	195	190	195	195	195	180	190	190
NE	165	165	170	165	170	150	175	160
NC	515	530	540	530	550	540	520	520
OH	89	86	90	85	90	85	90	79
OK	117	150	129	160	134	165	135	155
PA	47	47	48	47	48	44	46	46
SD	58	50	65	60	57	55	60	57
TX	29	37	28	37	27	39	32	38
WI	42	37	43	36	42	34	39	31
Oth Sts [2]	224	220	231	227	232	220	230	214
US	2,929	2,891	3,086	2,986	3,054	2,920	2,993	2,869

State	Pig crop							
	Dec.–Feb.		Mar.–May		June–Aug.		Sept.–Nov.	
	1998	1999 [1]	1998	1999 [1]	1998	1999	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AR	476	470	470	468	485	485	476	468
CO	521	606	635	672	675	800	621	722
IL	1,935	1,827	2,193	1,817	1,978	1,720	2,021	1,763
IN	1,677	1,591	1,697	1,523	1,644	1,488	1,687	1,341
IA	4,524	4,176	4,785	4,524	4,638	4,410	4,437	4,450
KS	810	722	801	774	800	722	783	679
MI	352	333	472	490	463	459	442	441
MN	2,327	2,282	2,448	2,372	2,492	2,385	2,345	2,250
MO	1,716	1,634	1,736	1,716	1,697	1,584	1,634	1,653
NE	1,403	1,411	1,428	1,419	1,462	1,298	1,488	1,400
NC	4,584	4,691	4,806	4,717	4,840	4,860	4,498	4,550
OH	757	731	783	748	788	740	774	687
OK	1,041	1,380	1,174	1,456	1,219	1,485	1,229	1,395
PA	404	409	418	414	418	392	409	400
SD	499	445	566	534	496	495	516	507
TX	235	348	252	352	232	347	262	357
WI	344	309	366	306	351	292	322	270
Oth Sts [2]	1,875	1,882	1,959	1,968	1,956	1,898	1,958	1,859
US	25,480	25,247	26,989	26,270	26,634	25,860	25,902	25,192

[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, 1989–98

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*
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	98,390	5,471	219	23,776,854	10,662,125	10,948,792	46,256	10,995,048	45.20
1994	101,121	6,202	193	24,447,634	9,693,542	9,898,265	43,899	9,942,164	39.90
1995	103,007	7,557	188	24,426,543	9,829,498	10,254,866	41,849	10,296,715	40.50
1996	101,468	10,036	176	23,080,309	11,902,326	12,565,187	49,413	12,614,600	51.90
1997	104,301	14,935	161	23,979,220	12,551,845	13,053,680	48,320	13,102,000	52.90
1998 [7] ...	117,275	19,407	163	25,766,346	8,640,464	9,396,165	34,199	9,430,364	34.40

[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 Branch, (202) 720–6146.

Table 7-33.—Hogs: Receipts at selected public stockyards and direct receipts at interior markets, 1990–99 [1]

Year	Receipts at selected public stockyards				Direct receipts in interior Iowa and Southern Minnesota [4]
	South St. Joseph	South St. Paul	All others reporting	Total markets reporting [2] [3]	
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1990	357	528	2,339	4,911	23,642
1991	391	480	2,212	4,576	24,875
1992	439	479	1,704	4,037	25,961
1993	411	443	1,565	2,936	26,536
1994	451	406	1,368	3,018	28,669
1995	371	363	1,132	2,517	28,545
1996	259	330	937	1,972	27,199
1997	192	258	734	1,479	28,624
1998	158	265	565	988	34,082
1999	107	237	1,225	1,569	8,875,894

[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, 1998 (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	369.0	100.0	3.0	74,687	23,152	26,702	327	27,029
AK	3.1	0.1	0.6	769	492	436	84	520
AZ	330.0	86.0	1.0	70,190	20,035	22,977	139	23,116
AR	2,026.0	150.0	1.0	281,086	97,818	105,068	314	105,382
CA	377.0	40.0	12.0	75,333	25,476	27,133	959	28,092
CO	2,351.0	70.0	1.0	470,637	181,077	186,661	731	187,392
CT	8.9	.....	0.1	2,078	790	719	39	758
DE	65.5	1.0	0.5	18,006	5,887	5,473	134	5,607
FL	110.0	5.0	1.0	19,537	5,591	5,772	53	5,825
GA	948.0	76.0	3.0	185,623	60,599	65,321	482	65,803
HI	35.0	.....	1.0	6,595	5,480	5,235	166	5,401
ID	83.0	45.0	2.0	18,975	6,701	7,835	266	8,101
IL	8,903.0	1,280.0	4.0	1,894,554	625,237	679,181	768	679,949
IN	6,997.0	663.0	1.0	1,697,201	540,097	568,067	333	568,400
IA	25,666.0	9,500.0	18.0	6,301,258	1,998,233	2,413,704	4,004	2,417,708
KS	3,453.0	490.0	1.0	714,622	239,247	249,282	494	249,776
KY	1,101.0	100.0	10.0	243,426	86,767	89,304	2,758	92,062
LA	71.0	2.0	1.0	14,663	4,260	4,339	61	4,400
ME	13.8	.....	0.2	4,255	1,617	1,229	407	1,636
MD	117.0	12.0	1.0	22,765	7,619	7,934	289	8,223
MA	22.8	.....	0.4	6,024	2,289	2,045	205	2,250
MI	1,683.0	125.0	6.0	412,958	135,302	141,009	1,393	142,402
MN	11,145.0	2,005.0	7.0	2,399,868	835,994	916,554	2,602	919,156
MS	483.0	47.0	2.0	124,082	40,908	40,496	326	40,822
MO	8,327.0	1,596.0	2.0	1,404,648	447,757	491,470	1,046	492,516
MT	326.0	9.0	2.0	61,540	24,615	25,840	289	26,129
NE	5,889.0	270.0	2.0	1,450,546	534,930	553,336	1,023	554,359
NV	12.2	3.0	0.3	2,698	800	821	21	842
NH	4.9	.....	0.2	1,047	398	335	70	405
NJ	27.8	12.0	2.0	2,820	695	831	214	1,045
NM	13.7	5.8	1.0	2,330	468	545	95	640
NY	118.0	12.0	2.0	25,973	8,090	8,828	384	9,212
NC	17,590.5	153.5	20.0	3,751,155	1,319,459	1,323,010	1,879	1,324,889
ND	482.0	55.0	2.0	94,526	27,564	29,528	290	29,818
OH	3,497.0	525.0	10.0	884,347	308,364	316,199	2,498	318,697
OK	4,966.0	850.0	2.0	827,319	277,466	311,085	691	311,776
OR	65.0	.....	1.0	16,840	6,366	6,192	261	6,453
PA	1,621.0	58.0	10.0	368,412	118,138	118,598	1,104	119,702
RI	5.3	.....	0.1	1,296	493	454	19	473
SC	635.0	70.0	3.0	116,587	38,830	41,188	800	41,988
SD	2,434.0	461.0	4.0	546,027	191,114	207,236	1,249	208,485
TN	787.0	120.0	4.0	164,532	54,011	59,667	699	60,366
TX	1,168.0	313.0	6.0	270,977	83,223	84,904	1,276	86,180
UT	514.0	2.0	1.0	133,435	53,606	49,494	193	49,687
VT	6.4	.....	0.2	1,872	712	575	103	678
VA	622.0	15.0	2.0	151,910	52,396	51,884	1,014	52,898
WA	64.0	.....	2.0	13,790	5,047	4,753	430	5,183
WV	30.0	2.0	2.0	7,112	2,437	2,054	465	2,519
WI	1,458.0	75.0	2.0	338,437	112,100	115,658	407	116,065
WY	249.0	2.5	2.5	66,978	20,717	19,204	345	19,549
US	117,274.9	19,406.9	163.1	25,766,346	8,640,464	9,396,165	34,199	9,430,364

[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 Branch, (202) 720–6146.

Table 7-35.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1999 [1]

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	*1,000 pounds*	*Pounds*		*Thousands*	*1,000 pounds*	*Pounds*
AL	93.6	40,476	432	NV	...	...	...
AK	...	...	...	N ENG [2]	29.2	7,555	259
AZ	6.7	1,220	182	NJ	104.0	10,144	98
AR	...	...	...	NM	3.3	714	215
CA	2,350.4	502,754	214	NY	52.1	9,100	175
CO	22.8	5,901	258	NC	10,007.1	2,456,050	245
DE and MD	242.1	56,874	235	ND	129.6	31,100	240
FL	109.7	19,448	177	OH	1,290.3	335,002	260
GA	249.7	72,659	291	OK	4,524.9	1,198,256	265
HI	36.0	7,366	204	OR	197.6	49,635	251
ID	...	...	...	PA	2,597.1	630,921	243
IL	9,482.7	2,470,129	260	SC	...	...	...
IN	6,181.3	1,566,409	253	SD	4,107.6	1,079,149	263
IA	29,556.1	7,692,865	260	TN	770.8	337,411	438
KS	488.8	144,484	296	TX	382.5	125,006	327
KY	2,405.0	624,359	260	UT	49.1	8,668	177
LA	36.7	7,590	207	VA	3,929.4	970,508	247
MI	124.3	45,730	368	WA	...	...	...
MN	8,384.1	2,169,403	259	WV	12.8	3,970	309
MS	...	...	...	WI	453.7	185,133	408
MO	3,969.5	1,013,069	255	WY	6.9	1,719	251
MT	31.8	7,767	244				
NE	6,356.3	1,643,399	259	US [3]	101,544.2	26,256,256	259

[1] Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers. [2] CT, ME, MA, NH, RI, and VT. [3] States with no data printed are still included in US total.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-36.—Hogs: Number slaughtered, average dressed and live weights, Federally inspected and commercial, 1990–99 [1]

Year	Federally inspected											
	Barrows and gilts			Sows			Stags and boars			Total		
	Head	Percent of total	Avg. dressed weight	Head	Percent of total	Avg. dressed weight	Head	Percent of total	Avg. dressed weight	Head	Avg. dressed weight	Avg. live weight
	1,000	*Percent*	*Pounds*	*1,000*	*Percent*	*Pounds*	*1,000*	*Percent*	*Pounds*	*1,000*	*Pounds*	*Pounds*
1990	78,394	94.6	175	3,704	4.5	298	803	0.9	225	82,901	181	250
1991	81,567	94.9	176	3,633	4.2	299	752	0.9	227	85,952	182	252
1992	87,807	94.8	176	3,955	4.3	295	849	0.9	225	92,611	182	253
1993	86,362	95.0	179	3,709	4.1	291	862	0.9	221	90,933	184	254
1994	88,615	94.8	180	3,917	4.2	294	904	1.0	219	93,435	185	255
1995	89,662	95.2	181	3,676	3.9	292	864	0.9	221	94,203	186	257
1996	86,443	95.5	181	3,425	3.8	290	667	0.7	222	90,534	186	254
1997	86,587	96.0	185	3,064	3.4	291	577	0.6	220	90,228	189	257
1998	95,354	96.0	185	3,437	3.5	295	494	0.5	228	99,285	189	257
1999	96,000	96.3	187	3,335	3.3	296	404	0.4	232	99,739	191	259

[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, 1989–98

Year	Hog-corn price ratio [1]	Price of corn per bushel [2]
		Dollars
1989	17.9	2.43
1990	22.5	2.40
1991	20.9	2.33
1992	18.5	2.29
1993	20.5	2.22
1994	16.4	2.41
1995	16.4	2.56
1996	15.4	3.55
1997	20.0	2.60
1998	14.7	2.20

[1] Number of bushels of corn equal in value 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 for the calendar year. [2] Annual average is a simple average of entire month prices for the calendar year.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 7-38.—Hogs and pigs: Number of operations and inventory by size groups, selected States, regions, and United States, 1998–99 [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	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
	Number											
AR	880	680	105	100	85	85	95	95	90	95	45	45
CO	850	390	80	40	30	20	15	25	5	5	20	20
IL	2,200	2,100	2,250	1,950	1,300	1,200	690	660	430	460	130	130
IN	2,400	2,400	2,100	2,000	840	770	580	560	360	380	120	90
IA	2,900	2,400	6,300	4,900	4,100	2,800	2,450	2,400	1,430	1,600	320	400
KS	1,300	900	890	600	200	200	90	70	80	90	40	40
MI	1,900	1,100	500	500	100	100	150	130	120	130	30	40
MN	2,800	2,200	3,000	2,600	1,300	1,200	750	750	470	530	180	220
MO	2,100	1,900	1,800	1,200	570	450	230	180	240	200	60	70
NE	1,550	1,450	2,700	2,200	925	620	450	450	200	200	75	80
NC	2,400	2,200	190	210	140	120	240	200	650	690	580	580
OH	4,000	3,500	1,600	1,600	500	520	260	220	115	130	25	30
OK	2,800	2,500	130	130	40	40	50	50	50	50	30	30
PA	2,450	2,450	520	400	200	230	150	140	140	135	40	45
SD	1,100	900	1,500	1,200	300	300	160	160	80	80	60	60
TX	4,850	4,500	90	60	20	15	15	5	5	5	20	15
WI	2,100	2,200	870	800	180	150	95	110	50	35	5	5
Oth Sts [2]	23,090	18,960	2,690	2,360	520	435	355	295	250	305	125	105
US	61,670	52,730	27,315	22,850	11,350	9,255	6,825	6,500	4,765	5,120	1,905	2,005

	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	
	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999	1998	1999
	Percent											
AR	2.0	2.0	2.0	2.0	7.0	7.0	14.0	14.0	31.0	31.0	44.0	44.0
CO	1.0	0.5	2.0	1.0	1.5	1.0	2.5	3.5	1.0	1.0	92.0	93.0
IL	1.5	1.0	10.5	9.0	15.0	14.0	17.0	17.0	27.0	29.0	29.0	30.0
IN	2.0	1.5	12.0	12.0	13.0	13.0	17.0	19.0	24.0	25.5	32.0	29.0
IA	0.5	0.3	9.5	7.5	15.0	11.2	20.0	18.0	27.0	28.0	28.0	35.0
KS	2.0	1.0	12.0	8.0	7.0	6.5	8.0	5.5	12.0	13.0	59.0	66.0
MI	2.0	1.0	8.0	8.0	6.0	6.0	20.0	15.0	34.0	37.0	30.0	33.0
MN	2.0	1.0	11.0	9.0	13.0	12.0	18.0	17.0	21.0	22.0	35.0	39.0
MO	2.0	1.5	12.0	8.0	9.0	7.5	7.0	6.0	15.0	15.0	55.0	62.0
NE	1.5	1.5	18.5	16.5	18.0	13.0	17.0	17.0	17.0	18.0	28.0	34.0
NC	0.5	0.5	0.5	0.5	1.0	1.0	3.5	3.0	21.5	22.0	73.0	73.0
OH	7.0	5.0	24.0	23.0	20.0	21.0	19.0	18.0	18.0	22.0	12.0	11.0
OK	2.0	1.5	1.5	1.5	1.5	1.5	3.5	3.0	6.5	6.5	85.0	86.0
PA	3.5	3.5	10.5	8.5	12.0	14.0	17.0	16.0	30.0	30.0	27.0	28.0
SD	2.5	2.0	22.0	19.0	12.5	13.0	12.0	12.0	15.0	16.0	36.0	38.0
TX	9.5	7.0	5.0	4.0	2.5	1.5	4.5	1.5	3.5	2.0	75.0	84.0
WI	7.0	8.0	28.0	28.0	21.0	17.0	19.0	24.0	18.0	16.0	7.0	7.0
Oth Sts [2]	5.0	2.5	8.0	7.0	5.0	3.5	7.5	6.0	14.0	16.0	60.5	65.0
US	2.0	1.5	9.5	8.0	11.0	9.0	14.0	13.0	21.5	22.0	42.0	46.5

[1] An operation is any place having one or more head of hogs and pigs on hand at any time during the year. Percents reflect average distributions based primarily on mid-year surveys. [2] Individual State estimates not available for the 33 other States.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-39.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1989–98

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*
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	1,075	137	895	598	2.3
1995	.....	.....	.....	1,040	41	1,082	124	921	585	2.2
1996	.....	.....	.....	998	38	1,037	101	918	606	2.3
1997	.....	.....	.....	993	19	1,013	90	901	615	2.3
1998	.....	.....	.....	1,091	22	1,116	131	956	654	2.5

[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 7-40.—Lard, including rendered pork fat: United States exports by country of destination, 1996–98

Continent and country	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
North America:			
Canada	0	12,498	12,302
Mexico	36,757	31,501	30,345
Other countries	0	0	0
Total	36,757	43,999	42,647
South America:			
Ecuador	61	214	17
Venezuela	0	0	3,733
Other countries	69	104	34
Total	130	318	3,784
Europe:			
Netherlands	0	0	385
Spain	2,012	0	0
United Kingdom	28	0	0
Other countries	0	0	0
Total	2,040	0	385
Africa	0	0	0
Asia	52	18	40
Oceania	1,650	6,046	5,232
Other areas	5,061	3,348	7,535
Grand total [2]	45,690	53,729	59,623

[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 7-41.—Sheep and lambs: Number and value, United States, Jan. 1, 1991–2000

Year	Number	Value		Year	Number	Value	
		Per head	Total			Per head	Total
	Thousands	*Dollars*	*1,000 dollars*		*Thousands*	*Dollars*	*1,000 dollars*
1991	11,174	65.60	732,600	1996 [1]	8,465	86.50	732,197
1992	10,797	61.20	660,746	1997 [1]	8,024	96.00	761,650
1993	10,201	70.60	714,163	1998 [1]	7,825	102.00	797,826
1994 [1]	9,836	69.90	681,384	1999 [1]	7,215	88.00	637,634
1995 [1]	8,989	74.70	663,449	2000 [1 2]	7,026	95.00	668,130

[1] Beginning in 1994 includes new crop lambs. [2] Preliminary.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-42.—Sheep and lambs: Number, by classes, United States, Jan. 1, 1991–2000

Year	All sheep and lambs	Sheep and lambs on feed	Breeding sheep				
			Total [4]	Lambs		1 year and over	
				Ewes	Rams	Ewes	Rams
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
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]	9,836	1,839	7,236	1,098	([5])	5,844	294
1995 [1]	8,989	([3])	6,518	857	([5])	5,404	257
1996 [1]	8,465	([3])	6,226	858	([5])	5,134	234
1997 [1]	8,024	([3])	5,919	787	([5])	4,912	220
1998 [1]	7,825	([3])	5,611	839	([5])	4,570	203
1999 [1]	7,215	([3])	5,299	774	([5])	4,322	203
2000 [1 2]	7,026	([3])	5,163	730	([5])	4,228	206

[1] Includes new crop lambs. [2] Preliminary. [3] Discontinued. [4] Categories may not add to total due to rounding. [5] Combined with ewes.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 7-43.—Sheep: Number in specified countries, 1997–99 [1]

Country	1997	1998	1999 [2]	Country	1997	1998	1999 [2]
	Thousand head	*Thousand head*	*Thousand head*		*Thousand head*	*Thousand head*	*Thousand head*
Argentina	17,295	15,232	13,953	Poland	467	450	422
Australia	120,228	119,579	117,800	Portugal	4,161	4,199	4,316
Bulgaria	3,869	3,814	3,822	Romania	10,317	9,747	9,167
China, Peoples Republic of	237,283	255,560	280,000	Russian Federation	23,519	20,697	18,213
Egypt	6,258	6,295	6,300	Saudia Arabia	10,621	11,000	12,312
France	11,240	10,929	10,670	South Africa, Republic of	35,830	36,821	34,910
Germany	2,324	2,302	2,298	Spain	23,981	24,857	23,751
Greece	9,201	8,999	8,741	Turkey	41,100	39,500	37,300
India	175,976	178,462	180,130	Ukraine	2,925	2,486	2,113
Ireland	5,391	5,634	5,624	United Kingdom	28,256	30,118	31,080
Italy	12,300	12,300	12,135	United States	8,024	7,825	7,235
Kazakhstan, Republic of	13,742	10,896	9,556	Uruguay	19,747	18,187	16,746
Mexico	13,500	14,413	14,714				
New Zealand	47,394	46,970	46,150	Total	884,949	897,272	909,458

[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 7-44.—Breeding sheep: Number, by classes, by States, Jan. 1, 1999 and 2000

State	Lambs		One year and over			
	Breeding		Ewes		Rams	
	1999	2000 [1]	1999	2000 [1]	1999	2000 [1]
	1,000 head	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*	*1,000 head*
AZ	7.0	5.0	58.0	58.0	3.0	3.0
CA	45.0	45.0	330.0	320.0	15.0	15.0
CO	29.0	29.0	185.0	175.0	6.0	6.0
ID	41.0	35.0	185.0	205.0	5.0	5.0
IL	8.0	9.0	52.0	50.0	4.0	4.0
IN	9.0	9.0	35.0	38.0	3.0	3.0
IA	30.0	24.0	133.0	139.0	7.0	7.0
KS	9.0	9.0	57.0	52.0	4.0	4.0
MI	7.0	10.0	34.0	38.0	3.0	3.0
MN	15.0	15.0	90.0	85.0	5.0	5.0
MO	9.0	10.0	58.0	52.0	4.0	4.0
MT	66.0	57.0	270.0	274.0	9.0	9.0
NE	11.0	12.0	73.0	72.0	4.0	4.0
NV	20.0	18.0	53.0	58.0	2.0	2.0
N ENG [2]	7.2	8.0	34.0	34.0	2.8	3.0
NM	35.0	30.0	180.0	190.0	10.0	10.0
NY	7.0	9.0	36.0	38.0	3.0	3.0
ND	16.0	14.0	79.0	86.0	3.0	3.0
OH	13.0	15.0	85.0	81.0	5.0	6.0
OK	5.0	5.0	34.0	33.0	2.0	2.0
OR	24.0	24.0	120.0	121.0	6.0	6.0
PA	11.0	10.0	55.0	53.0	5.0	5.0
SD	46.0	41.0	270.0	270.0	9.0	9.0
TX	130.0	120.0	880.0	790.0	40.0	40.0
UT	45.0	39.0	305.0	310.0	10.0	11.0
VA	7.5	6.5	41.0	39.0	2.5	2.5
WA	7.0	7.0	35.0	34.0	2.0	2.0
WV	4.0	4.0	30.0	26.0	1.0	1.0
WI	11.0	10.0	52.0	52.0	3.0	3.0
WY	82.0	82.0	385.0	365.0	13.0	13.0
Other States [3]	17.0	18.0	88.0	90.0	12.0	12.0
US	773.7	729.5	4,322.0	4,228.0	203.3	205.5

[1] Preliminary. [2] N ENG includes CT, ME, MA, NH, RI, and VT. [3] AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

NASS, Livestock Branch, (202) 720–6146.

Table 7-45.—Sheep and lambs: Average price per 100 pounds at San Angelo, 1990–99 [1]

Year	Sheep			Slaughter lambs			
	Good	Utility	Cull	Shorn		Spring	
				Prime	Choice	Prime	Choice
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
1998	40.11	39.01	26.53	71.79	71.79	74.37	74.37
1999	41.71	41.21	27.72	76.37	65.92	76.39	66.42

[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 7-46.—Sheep and lambs: Number of breeding sheep and market, by States, Jan. 1, 1999–2000

State	Breeding sheep and lambs		Market sheep and lambs [2]	
	1999	2000 [1]	1999	2000 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*
AZ	68.0	66.0	72.0	89.0
CA	390.0	380.0	420.0	420.0
CO	220.0	210.0	220.0	230.0
ID	231.0	245.0	34.0	30.0
IL	64.0	63.0	10.0	11.0
IN	47.0	50.0	10.0	9.0
IA	170.0	170.0	90.0	95.0
KS	70.0	65.0	30.0	35.0
MI	44.0	51.0	18.0	17.0
MN	110.0	105.0	65.0	60.0
MO	71.0	66.0	14.0	14.0
MT	345.0	340.0	35.0	30.0
NE	88.0	88.0	17.0	14.0
NV	75.0	78.0	10.0	12.0
N ENG [4]	44.0	45.0	6.0	5.0
NM	225.0	230.0	50.0	60.0
NY	46.0	50.0	9.0	8.0
ND	98.0	103.0	36.0	32.0
OH	103.0	102.0	22.0	32.0
OK	41.0	40.0	14.0	15.0
OR	150.0	151.0	65.0	59.0
PA	71.0	68.0	12.0	12.0
SD	325.0	320.0	95.0	100.0
TX	1,050.0	950.0	300.0	250.0
UT	360.0	360.0	40.0	40.0
VA	51.0	48.0	14.0	13.0
WA	44.0	43.0	6.0	7.0
WV	35.0	31.0	5.0	6.0
WI	66.0	65.0	17.0	18.0
WY	480.0	460.0	150.0	110.0
Other States [5]	117.0	120.0	30.0	30.0
US	5,299.0	5,163.0	1,916.0	1,863.0

[1] Preliminary. [2] 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. [3] Total market sheep and lambs for 1998 combined with ''other states'' to avoid disclosing individual operations. [4] N ENG includes CT, ME, MA, NH, RI, and VT. [5] AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

NASS, Livestock Branch, (202) 720–6146.

Table 7-47.—Lamb crop: Number of lambs as percentage of ewes one year old and older, by States, 1998–99 [1]

State	1998		1999 [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
	Thousands	*Percent*	*Thousands*	*Percent*
AZ	47.0	75	45.0	78
CA	310.0	90	290.0	88
CO	220.0	110	210.0	114
ID	240.0	124	255.0	138
IL	73.0	130	69.0	133
IN	50.0	156	53.0	151
IA	210.0	152	210.0	158
KS	70.0	106	63.0	111
MI	46.0	121	45.0	132
MN	155.0	182	145.0	161
MO	80.0	148	75.0	129
MT	355.0	113	340.0	126
NE	96.0	135	98.0	134
NV	57.0	102	58.0	109
N ENG [3]	39.0	127	40.0	118
NM	165.0	87	160.0	89
NY	47.0	124	48.0	133
ND	105.0	135	110.0	139
OH	123.0	145	121.0	142
OK	40.0	91	35.0	103
OR	163.0	109	140.0	117
PA	72.0	126	70.0	127
SD	345.0	115	320.0	119
TX	800.0	91	700.0	80
UT	350.0	109	330.0	108
VA	55.0	120	50.0	122
WA	56.0	160	54.0	154
WV	38.0	127	36.0	120
WI	70.0	137	73.0	140
WY	440.0	102	390.0	101
Other States [4]	90.0	98	86.0	98
US	5,007.0	110	4,719.0	109

[1] Lamb crop defined as lambs born in the native States and lambs docked or branded in the Western States. [2] Preliminary. [3] N ENG includes CT, ME, MA, NH, RI, and VT. [4] AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

NASS, Livestock Branch, (202) 720–6146.

Table 7-48.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1989–98

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*
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	6,377	1,911	6,636	2,399	75	739,329
1994	5,968	1,465	6,469	2,149	82	634,647
1995	5,643	1,052	6,286	2,141	76	602,011
1996	5,361	938	6,069	2,196	71	572,344
1997	5,356	1,015	5,676	2,055	71	602,535
1998 [4]	5,013	977	5,510	1,751	73	555,689

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*
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	413,756	533,930	8,753	542,683	28.60	64.40
1994	364,477	510,289	9,147	519,786	30.90	65.60
1995	414,366	566,240	10,387	576,627	28.00	78.20
1996	440,686	612,345	10,690	623,035	29.90	88.20
1997	489,564	635,451	11,363	646,814	37.90	90.30
1998 [4]	355,581	483,446	8,629	492,075	30.60	72.30

[1] Lamb crop defined as lambs born in the native States, plus lambs docked or branded in the Western States. [2] Includes custom slaughter for use on farms where produced and state outshipments, 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 Branch, (202) 720–6146.

Table 7-49.—Sheep and lambs: Receipts at selected public stockyards, 1990–99 [1]

Year	Sioux Falls	South St. Joseph	South St. Paul	All others reporting	Total markets reporting [2 3]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1990	.....	5	89	961	1,105
1991	.....	9	95	1,142	1,293
1992	.....	12	88	1,099	1,243
1993	.....	88	72	1,187	1,377
1994	.....	80	64	1,232	1,469
1995	.....	7,132	50,752	775,594	846,263
1996	.....	8,068	46,588	857,254	921,052
1997	100,222	7,997	47,010	997,776	1,060,145
1998	72,527	5,323	49,514	811,130	938,494
1999	76,571	4,729	53,972	961,640	1,096,912

[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 7-50.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1998 (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	2.5	2.4	0.3	0.1	241	126	213	14	227
AK	0.1	0.2	.....	0.2	52	37	23	14	37
AZ	11.0	88.0	76.0	20.0	3,655	2,569	5,829	1,165	6,994
CA	51.0	521.0	313.0	5.0	49,167	35,447	52,094	800	52,894
CO	70.0	1,014.0	780.0	1.0	86,924	50,349	108,886	82	108,968
CT	0.9	2.6	.....	0.2	271	314	285	42	327
ID	36.0	214.0	15.0	1.0	24,440	14,694	16,758	145	16,903
IL	5.0	77.0	22.0	1.0	4,298	2,909	4,131	157	4,288
IN	6.5	34.0	4.0	1.5	3,890	2,063	2,090	253	2,343
IA	24.0	237.0	91.0	1.0	28,565	17,901	23,395	287	23,682
KS	19.0	92.0	35.0	1.0	8,838	6,040	8,247	196	8,443
KY	3.6	11.8	0.8	0.5	1,557	930	963	53	1,016
LA	0.1	2.6	.....	0.7	313	198	133	44	177
ME	1.0	5.9	.....	0.1	616	566	547	36	583
MD	3.8	9.7	3.0	2.0	1,776	1,189	848	301	1,149
MA	0.5	4.8	.....	0.1	484	491	384	120	504
MI	16.0	36.0	8.0	2.0	4,270	2,710	3,233	397	3,630
MN	10.0	144.0	39.0	1.0	16,355	10,834	12,109	168	12,277
MO	3.5	73.8	3.0	0.2	7,034	4,514	4,402	73	4,475
MT	91.0	262.0	6.0	1.0	32,286	20,480	21,434	189	21,623
NE	25.0	113.5	65.0	0.5	11,114	6,793	9,950	77	10,027
NV	16.0	45.0	21.0	1.0	2,600	1,583	2,861	117	2,978
NH	0.7	3.7	.....	0.2	415	374	319	55	374
NJ	8.8	11.2	14.0	1.0	516	385	1,247	130	1,377
NM	36.0	120.0	7.0	8.0	13,286	8,866	9,169	779	9,948
NY	7.0	36.0	1.0	1.0	3,702	2,960	3,248	136	3,384
NC	0.6	7.7	.....	0.1	726	534	476	33	509
ND	16.0	79.5	9.0	0.5	10,033	5,884	6,290	81	6,371
OH	12.3	113.5	11.0	1.5	12,535	7,909	9,181	188	9,369
OK	15.0	37.0	7.0	1.0	3,108	2,072	2,864	170	3,034
OR	45.0	163.0	.....	3.0	11,910	7,487	10,572	556	11,128
PA	9.5	53.0	.....	1.0	6,317	4,793	4,872	88	4,960
SD	58.5	278.0	44.0	0.5	38,876	26,967	28,692	103	28,795
TN	1.2	6.9	1.3	0.2	566	383	505	19	524
TX	170.0	736.0	78.0	2.0	71,564	46,049	61,759	171	61,930
UT	51.0	286.0	9.0	5.0	30,445	19,044	19,395	521	19,916
VT	0.5	9.9	2.2	0.3	1,253	1,143	1,017	75	1,092
VA	16.0	43.0	1.0	1.0	4,772	3,100	3,889	168	4,057
WA	6.0	54.3	7.3	1.0	5,196	3,183	3,732	132	3,864
WV	4.0	31.7	6.0	0.3	3,772	2,513	2,661	48	2,709
WI	12.0	46.0	1.0	1.0	7,517	4,539	4,227	164	4,391
WY	103.0	390.5	67.0	2.5	39,800	24,525	30,224	212	30,436
Other [6]	7.2	12.0	3.0	1.0	634	134	292	70	362
US	976.8	5,510.2	1,750.9	73.2	555,689	355,581	483,446	8,629	492,075

[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] AR, DE, FL, GA, HI, MS, RI, and SC.

NASS, Livestock Branch, (202) 720–6146.

Table 7-51.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1999 [1]

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	*1,000 pounds*	*Pounds*		*Thousands*	*1,000 pounds*	*Pounds*
AL	.....	.....	.....	NV	.....	.....	.....
AK	.....	.....	.....	N ENG [2]	24.4	2,442	100
AZ	0.9	94	106	NJ	106.9	9,782	91
AR	.....	.....	.....	NM	34.9	4,163	119
CA	.....	.....	.....	NY	27.3	2,831	104
CO	1,283.6	185,099	144	NC	1.3	125	95
DE and MD	.....	.....	.....	ND	0.8	95	126
FL	.....	.....	.....	OH	9.9	1,080	109
GA	4.5	456	101	OK	3.1	359	116
HI	.....	.....	.....	OR	7.2	907	126
ID	4.0	494	123	PA	74.7	7,159	96
IL	.....	.....	.....	SC	.....	.....	.....
IN	35.9	3,595	100	SD	12.1	1,424	117
IA	520.9	73,125	140	TN	3.7	292	80
KS	2.3	269	116	TX	532.6	69,216	130
KY	8.6	1,165	136	UT	31.6	3,794	120
LA	2.8	264	94	VA	13.0	1,302	100
MI	214.6	26,830	125	WA	1.7	195	118
MN	.....	.....	.....	WV	.....	.....	.....
MS	.....	.....	.....	WI	10.4	1,208	116
MO	.....	.....	.....	WY	1.5	187	126
MT	3.5	446	128				
NE	1.5	162	109	US [3]	3,701.3	490,705	133

[1] Includes slaughter in federally inspected and in other slaughter plants; excludes animals slaughtered on farms. [2] CT, ME, MA, NH, RI, and VT. [3] States with no data printed are still included in U.S. totals.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-52.—Sheep and lambs: Number slaughtered, United States, 1990–99

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*
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
1992	5,290	207	5,496	89	5,585	1997	3,771	137	3,907	62	3,969
1993	5,002	181	5,182	77	5,259	1998	3,670	133	3,804	57	3,861
1994	4,755	183	4,938	76	5,014	1999	3,556	145	3,701	65	3,766

[1] Totals are based on unrounded numbers.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-53.—Sheep and lambs: Number slaughtered, average dressed and live weights, percentage distribution, by class, Federally inspected and commercial, 1990–99 [1]

Year	Federally inspected								
	Lambs and yearlings			Mature sheep			Total		
	Head	Pct. of total	Avg. dressed weight	Head	Pct. of total	Avg. dressed weight	Head	Avg. dressed weight	Avg. live weight
	1,000		*Pounds*	*1,000*		*Pounds*	*1,000*	*Pounds*	
1990	5,146	94.1	64	323	5.9	59	5,469	64	126
1991	5,173	94.0	64	330	6.0	58	5,504	63	125
1992	4,982	94.2	64	308	5.8	57	5,289	64	126
1993	4,708	94.1	65	293	5.9	57	5,002	64	129
1994	4,463	93.9	63	292	6.1	57	4,756	63	126
1995	4,114	93.8	63	274	6.2	58	4,388	63	127
1996	3,763	93.3	65	270	6.7	58	4,032	64	129
1997	3,558	94.3	67	213	5.7	60	3,771	67	134
1998	3,460	94.3	66	211	5.7	61	3,670	66	133
1999	3,369	94.7	67	188	5.3	59	3,556	67	134

[1] All percents and weights calculated using unrounded totals.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-54.—Sheep and lambs: Operations with sheep, 1998–99

State	Operations with sheep	
	1998	1999 [1]
	Number	*Number*
AZ	300	300
CA	3,300	3,100
CO	1,700	1,500
ID	1,100	1,100
IL	2,600	2,400
IN	2,200	2,200
IA	4,900	4,700
KS	1,600	1,500
MI	1,600	1,700
MN	2,600	2,700
MO	2,000	1,900
MT	2,000	1,900
NE	1,700	1,700
NV	300	300
N ENG [2]	2,100	2,100
NM	900	900
NY	1,600	1,400
ND	1,150	1,200
OH	3,600	3,700
OK	1,600	1,500
OR	3,100	3,000
PA	2,600	2,500
SD	2,500	2,500
TX	7,000	7,000
UT	1,500	1,500
VA	1,500	1,300
WA	1,200	1,200
WV	1,100	1,000
WI	2,100	2,200
WY	1,100	1,000
Other States [3]	6,000	5,800
US	68,550	66,800

[1] Preliminary. [2] N ENG includes CT, ME, MA, NH, RI, and VT. [3] AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

NASS, Livestock Branch, (202) 720–6146.

Table 7-55.—Breeding Sheep: Survey percent by size groups, United States, 1999–2000 [1]

Item	1–99 head		100–499 head		500–4,999 head		5,000+ head	
	1999	2000 [2]	1999	2000 [2]	1999	2000 [2]	1999	2000 [2]
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
Operations	90.6	91.2	7.3	7.2	2.0	1.6	0.1	0.1
Inventory	25.9	27.9	20.4	22.0	39.0	35.2	14.7	14.8

[1] Percents reflect distributions of end-of-year survey. [2] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 7-56.—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, 1989–98

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*
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	7,215	7.78	56,669	0.70	39,270
1997	6,960	7.70	53,578	0.84	44,909
1998 [4]	6,426	7.66	49,239	0.60	29,406

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*
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	56,159	29,921	5,715	54,073	21,296	99,575
1997	53,578	28,630	4,732	51,484	24,962	100,344
1998 [4]	49,239	30,321	1,700	45,805	24,702	102,528

[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 7-57.—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) 720–8837.

Table 7-58.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1989–98 [1 2 3]

Item	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
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	24.1	26.2	32.0	33.9	40.9	36.0	30.2	42.1	49.0	31.3
Coarser than 60's	21.8	24.9	26.6	25.6	26.6	26.0	27.1	27.6	21.3	15.1
Total	45.9	51.1	58.6	59.5	67.5	62.0	57.3	69.7	70.3	46.4
Worsted system:										
60's and finer	56.1	50.6	56.5	58.5	58.8	59.6	55.0	46.1	48.2	15.1
Coarser than 60's	18.5	18.9	22.1	18.1	15.1	17.0	17.0	13.8	11.9	36.9
Total	74.6	69.5	78.6	76.6	73.9	76.6	72.0	59.8	60.1	52.0
Total apparel:										
60's and finer	80.2	76.8	88.5	92.4	99.7	95.6	85.2	88.2	97.2	46.3
Coarser than 60's	40.3	43.8	48.7	43.7	41.7	43.0	44.1	41.3	33.2	52.0
Total	120.5	120.6	137.2	136.1	141.4	138.6	129.3	129.5	130.4	98.4
Carpet wool	14.1	12.1	14.3	14.7	15.4	14.7	12.7	12.3	13.6	16.3
Grand total mill	134.6	132.7	151.5	150.8	156.8	153.3	142.0	141.8	144.0	114.7

[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 7-59.—Wool: United States imports (for consumption), clean content, by grades, 1989–98 [1 2]

Grade	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
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]	68.3	44.5	57.3	58.1	70.7	59.4	55.9	50.8	48.7	42.8
48's–58's [4]	8.7	5.5	11.0	7.4	5.3	5.5	6.9	3.3	2. 8	3.0
Total	77.0	50.3	68.3	65.5	76.0	64.9	63.8	54.1	51.5	45.8
Not Finer than 46's:										
Wool for special use [5]	6.2	1.9	.6	.8	13.8	13.8	8.6	3.9	3.0	2.2
Not finer than 40's [6]	4.3	6.2	7.3	7.9	1.4	1.9	3.2	3.2	9.0	7.8
Finer than 40's–44's [7]	11.5	7.5	4.5	6.8	4.7	6.6	9.4	10.1	9 .3	10.0
46's [8]	7.9	5.8	5.8	8.3	2.0	2.3	3.9	4.1	3.7	4.7
Total	29.9	21.4	18.2	23.8	21.9	24.6	25.0	21.3	24.9	24.7
Miscellaneous [9]	.....	.....	.....	.....	2.4	2.2	38.8	0	0	0
Grand total	106.9	71.7	86.5	89.3	100.3	91.7	88.8	75.4	76.4	70.5

[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 7-60.—Wool: United States imports (for consumption), clean content, by country of origin, 1989–98 [1]

Country of origin	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998 [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	.....	.....	0.6	0.1	0.1	0.1	0.1	0.1	0.5	0.6
Australia	66.8	43.0	59.5	55.0	64.8	53.0	51.6	47.1	44.2	38.8
Canada	0.4	0.2	0.4	1.1	1.2	0.8	1.1	1.2	1.0	1.1
Chile	0.5	0.4	0.4	0.4	0.3	0.6	0.7	0.2	0.1	0.2
New Zealand	4.7	2.7	3.5	3.2	1.7	1.8	2.6	1.9	1.6	1.5
South Africa	.....	.....	0.3	1.0	1.1	0.8	0.9	0.7	1.2	1.9
United Kingdom	0.5	0.3	0.2	0.3	0.3	1.5	1.5	0.3	0.2	0.1
Uruguay	1.6	1.7	1.7	3.2	5.9	5.2	2.5	1.6	2.1	0.7
Other	2.5	2.0	1.7	1.2	0.6	1.1	2.8	2.0	1.1	0.9
Total	77.0	50.3	68.3	65.5	76.0	64.9	63.8	54.1	51.5	45.8
Not finer than 46's:										
Argentina	1.1	0.8	0.7	0.7	0.6	0.6	0.1	0.2	0.1	0.5
Australia	0.3	0.3	0.4	0.3	0.3	0.1	0.3	0.4	0.1	0.2
Canada	0.1	0.1	0.2	0.3	0.1	0.1	0.6	0.1	0.6	0.2
New Zealand	25.0	16.7	14.2	17.9	15.6	18.3	17.0	15.6	18.9	18.5
Uruguay	.....	0.1	0.1	0.1	0.1	0.3	.....	.....	.....	.....
South Africa	.....	.....	.....	.....	0.1	0.1	0.0	0.0	0.0	.....
United Kingdom	3.2	3.1	2.4	4.2	4.7	4.8	5.7	3.5	3.7	3.6
Other	0.2	0.3	0.2	0.3	0.4	0.3	.....	1.2	0.0	0.0
Total	29.9	21.4	18.2	23.8	21.9	24.6	25.0	21.0	24.3	23.1
Grand total	106.9	71.7	86.5	89.3	100.3	91.7	88.8	75.4	75.8	68.9

[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, (202) 694–5300. Compiled from reports of the U.S. Department of Commerce.

Table 7-61.—Wool: Average price per pound, clean basis, delivered to United States mills, 1990–99 [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*
1990	256	138	413
1991	199	109	280
1992	204	141	227
1993	137	102	194
1994	212	126	311
1995	249	170	311
1996	193	137	264
1997	238	153	300
1998	162	113	202
1999	110	70	176

[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 ⅜ 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 7-62.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1998–99

State	Sheep and lambs shorn [1]		Weight per fleece		Shorn wool production	
	1998	1999 [3]	1998	1999 [3]	1998	1999 [3]
	Thousands	*Thousands*	*Thousands*	*Pounds*	*Pounds*	*Pounds*
AZ	120.0	135.0	6.5	6.1	780	830
CA	480.0	480.0	7.5	7.6	3,600	3,630
CO	490.0	460.0	6.9	7.0	3,364	3,227
ID	222.0	237.0	9.4	9.3	2,093	2,194
IL	73.0	73.0	6.8	6.6	495	480
IN	57.0	59.0	6.5	5.8	370	340
IA	240.0	225.0	6.0	6.0	1,440	1,340
KS	93.0	90.0	7.0	7.0	650	630
MI	58.0	61.0	7.4	7.3	430	445
MN	160.0	150.0	6.6	6.7	1,055	1,000
MO	83.0	68.0	7.3	7.0	605	478
MT	367.0	336.0	9.3	9.5	3,423	3,196
NE	91.0	89.0	7.3	7.6	660	675
NV	67.0	74.0	9.1	9.1	607	670
N ENG [4]	43.0	43.0	7.3	7.3	312	312
NM	265.0	280.0	9.0	8.3	2,379	2,320
NY	45.0	49.0	6.8	6.8	307	333
ND	98.0	105.0	9.2	8.6	900	905
OH	126.0	124.0	6.6	6.6	835	817
OK	40.0	47.0	6.0	6.2	240	290
OR	210.0	197.0	6.6	6.3	1,380	1,246
PA	69.0	66.0	6.8	6.6	470	435
SD	355.0	345.0	8.3	8.2	2,950	2,845
TX	1,300.0	1,170.0	7.1	6.8	9,230	7,956
UT	337.0	320.0	9.4	9.4	3,157	3,010
VA	45.0	42.0	6.2	6.0	279	252
WA	39.0	42.0	8.5	8.4	330	353
WV	35.0	33.0	6.0	5.8	210	190
WI	62.0	65.0	7.5	7.3	467	475
WY	650.0	570.0	8.5	8.6	5,540	4,930
Oth States [5]	108.0	115.0	6.5	6.5	697	745
US	6,428.0	6,150.0	7.7	7.6	49,255	46,549

See footnotes at end of table.

Table 7-62.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1998–99—Continued

State	Price per pound		Value of production [4]	
	1998	1999 [3]	1998	1999 [3]
	Dollars	*Dollars*	*Dollars*	*1,000 dollars*
AZ	0.47	0.40	367	332
CA	0.61	0.35	2,196	1,271
CO	0.53	0.40	1,783	1,291
ID	0.66	0.36	1,381	790
IL	0.25	0.12	124	58
IN	0.26	0.14	96	48
IA	0.26	0.16	374	214
KS	0.42	0.19	273	120
MI	0.31	0.14	133	62
MN	0.34	0.15	359	150
MO	0.33	0.14	200	67
MT	0.78	0.50	2,670	1,598
NE	0.41	0.24	271	162
NV	0.58	0.33	352	221
N ENG [4]	0.52	0.33	162	103
NM	0.89	0.56	2,117	1,299
NY	0.45	0.28	138	93
ND	0.55	0.30	495	272
OH	0.32	0.20	267	163
OK	0.39	0.25	94	73
OR	0.48	0.30	662	374
PA	0.47	0.32	221	139
SD	0.59	0.36	1,741	1,024
TX	0.63	0.49	5,815	3,898
UT	0.62	0.32	1,957	963
VA	0.44	0.30	123	76
WA	0.55	0.40	182	141
WV	0.51	0.24	107	46
WI	0.39	0.19	182	90
WY	0.77	0.49	4,266	2,416
Oth States [5]	0.44	0.40	307	298
US	0.60	0.38	29,415	17,852

[1] Includes shearing at commercial feeding yards. [2] Production multiplied by annual average price. [3] Preliminary. [4] N ENG includes CT, ME, MA, NH, RI, and VT. [5] AL, AK, AR, DE, FL, GA, HI, KY, LA, MD, MS, NJ, NC, SC, and TN.

NASS, Livestock Branch, (202) 720–6146.

Table 7-63.—Mohair: Price-support operations, United States, 1990–99

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*
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
1996	(2)	.....	.....	.....	.....
1997	(2)	.....	.....	.....	.....
1998	(2)	.....	.....	.....	.....
1999	200.0	NA	(3)	(3)	(3)

[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. [2] No program. [3] Recourse loan program authorized by P.L. 105-277 for fiscal year 1999. No payments were involved. NA-not available.

FSA, Fibers Analysis Group, (202) 720–8837.

Table 7-64.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, Texas, 1990–99

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*
1990	1,860	7.8	14,500	0.95	13,775
1991	1,970	7.5	14,800	1.31	19,388
1992	2,000	7.1	14,200	0.87	12,354
1993	1,900	7.1	13,490	0.83	11,197
1994	1,600	7.3	11,680	2.62	30,602
1995	1,470	7.7	11,319	1.85	20,940
1996	1,070	7.0	7,490	1.95	14,606
1997	840	7.6	6,384	2.28	14,556
1998	620	7.5	4,650	2.59	12,044
1999	375	6.8	2,550	3.68	9,384

[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.

NASS, Livestock Branch, (202) 720–6146.

Table 7-65.—Red meat and lard: Production, by class of slaughter, United States, 1990–99

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*
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
1997	24,964	420	25,384	106	25,490	16,962	283	17,245	30	17,275
1998	25,264	389	25,653	107	25,760	18,692	289	18,981	30	19,011
1999	25,998	387	26,385	107	26,492	18,977	301	19,278	28	19,306
	Veal					Lamb and Mutton				
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
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
1997	314	9	323	10	333	250	7	257	3	260
1998	243	8	251	10	261	242	7	249	3	252
1999	217	7	224	9	233	236	7	243	4	247
	All meat, excluding lard									
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*					
1990	36,736	870	37,606	179	38,785	.....	.....	.....	.....	.....
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	.....	.....	.....	.....	.....
1997	42,491	718	43,209	149	43,358	.....	.....	.....	.....	.....
1998	44,441	692	45,133	150	45,283	.....	.....	.....	.....	.....
1999	45,428	702	46,130	148	46,278	.....	.....	.....	.....	.....

[1] Totals are based on unrounded data.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-66.—Meat: Production by types in specified countries, 1997 and 1998 [1]

Country	Beef and veal		Pork [3]		Mutton, lamb, and goat meat		Total production	
	1997	1998 [2]	1997	1998 [2]	1997	1998 [2]	1997	1998 [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	2,975	2,600	0	0	58	48	3,033	2,648
Australia	1,942	1,987	339	356	633	643	2,914	2,986
Austria	206	197	474	495	0	0	680	692
Belgium	0	0	0	0	0	0	0	0
Brazil	6,050	6,140	1,540	1,663	0	0	7,590	7,803
Bulgaria	73	67	225	235	53	57	351	359
Canada	1,075	1,199	1,257	1,330	0	0	2,332	2,529
China	4,150	4,288	34,643	36,180	2,102	2,412	40,895	42,880
Colombia	680	671	0	0	0	0	680	671
Costa Rica	86	78	0	0	0	0	86	78
Czech Republic	294	262	680	673	0	0	974	935
Denmark	177	166	1,534	1,632	0	0	1,711	1,798
Dominican Republic	47	47	0	0	0	0	47	47
Egypt	426	445	0	0	137	143	563	588
El Salvador	23	22	0	0	0	0	23	22
France	1,677	1,586	2,220	2,300	149	144	4,046	4,030
Germany	1,448	1,367	3,562	3,811	43	44	5,053	5,222
Greece	0	0	0	0	131	130	131	130
Guatemala	54	49	0	0	0	0	54	49
Honduras	24	19	0	0	0	0	24	19
Hong Kong	15	19	175	161	0	0	190	180
Hungary	0	0	485	408	0	0	485	408
India	1,430	1,593	0	0	852	890	2,282	2,483
Ireland	569	589	220	241	79	84	868	914
Italy	1,159	1,110	1,396	1,412	77	73	2,632	2,595
Japan	530	530	1,283	1,285	0	0	1,813	1,815
Kazakhstan, Rep	493	393	0	0	167	165	660	558
Korea, Rep.	310	348	873	992	0	0	1,183	1,340
Mexico	1,795	1,800	940	950	140	102	2,875	2,852
Netherlands	565	535	1,375	1,717	0	0	1,940	2,252
New Zealand	664	620	0	0	567	530	1,231	1,150
Nicaragua	56	60	0	0	0	0	56	60
Philippines	176	196	901	933	0	0	1,077	1,129
Poland	404	424	1,540	1,700	3	4	1,947	2,128
Portugal	105	97	215	233	27	27	347	357
Romania	171	222	350	323	68	57	589	602
Russian Federation	2,326	2,090	1,570	1,510	190	175	4,086	3,775
Saudi Arabia	0	0	0	0	221	193	221	193
Singapore	0	0	84	83	0	0	84	83
South Africa, Rep	591	539	0	0	138	126	729	665
Spain	592	633	2,401	2,672	243	247	3,236	3,552
Sweden	150	145	328	327	0	0	478	472
Switzerland	0	0	0	0	0	0	0	0
Taiwan	6	5	1,030	892	0	0	1,036	897
Turkey	590	605	0	0	378	375	968	980
Ukraine	930	795	750	700	33	28	1,713	1,523
United Kingdom	694	697	1,157	1,246	332	355	2,183	2,298
United States	11,714	11,804	7,835	8,623	118	114	19,667	20,541
Uruguay	468	454	0	0	64	60	532	514
Venezuela	354	354	0	0	0	0	354	354
Total meat	48,264	47,847	71,382	75,083	7,003	7,226	126,649	130,156

[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). NA-not available.

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 7-67.—Meat: United States exports by type of product, 1989–98

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*
1989	379,113	8,811	2,076	79,346	6,101	3,788	2,206	1,395	11,996	245,435	78,550	818,817
1990	339,925	7,783	2,490	66,756	5,567	4,518	4,310	1,036	14,208	228,623	70,558	745,774
1991	395,830	10,255	3,798	76,378	4,696	5,469	6,180	1,263	24,021	281,034	61,380	870,304
1992	436,534	12,061	3,278	116,582	8,181	7,376	5,812	2,347	22,817	303,700	57,144	975,832
1993	410,635	14,477	3,608	129,041	5,032	7,088	4,761	2,350	34,200	338,408	45,938	995,538
1994	517,458	13,419	3,766	149,414	8,434	12,081	4,472	2,973	46,906	375,029	34,694	1,168,646
1995	581,798	13,651	2,511	228,071	12,066	13,823	6,265	3,613	56,853	447,837	34,113	1,400,601
1996	597,605	14,577	2,478	268,032	9,748	15,843	7,560	5,330	92,503	469,782	42,260	1,525,718
1997	675,994	15,227	2,545	285,805	9,018	12,362	9,230	7,691	122,248	424,724	58,469	1,623,313
1998 [2]	696,149	17,950	2,528	355,164	11,742	13,641	9,872	8,445	104,340	447,645	46,681	1,714,157

[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 7-68.—Meat: United States exports and imports into the United States, carcass weight equivalent, 1991–2000 [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*
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	2,136	5	1,044	3,185	2,343	83	633	3,059
1998	2,171	6	1,229	3,406	2,642	112	704	3,458
1999 [4]	2,374	6	1,272	3,652	2,877	108	822	3,807
2000 [5]	2,325	6	1,200	3,531	3,015	114	800	3,929

[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." [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 7-69.—Meat: United States imports, products weight basis, by country of origin, 1998

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	7,163	18,011	6,882	0	0	0	0	0	0	14	27	32,097
Australia	284,787	394	0	35,687	56	0	0	0	0	7,048	463	328,435
Brazil	0	32,698	836	0	0	0	0	0	0	0	585	34,119
Canada	300,278	749	4,973	172	181,226	19,866	12,798	1,098	630	35,151	5,714	562,655
Costa Rica	9,197	0	43	0	0	0	0	34	0	80	0	9,354
Denmark	0	0	0	0	29,463	21,013	42	1,348	15	806	1,577	54,264
Domin. Repub	0	0	0	0	0	0	0	0	32	0	0	32
El Salvador	0	0	0	0	0	0	0	0	0	0	0	0
Germany	0	0	0	0	80	36	81	24	17	46	1,129	1,413
Guatemala	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	913	0	0	0	0	0	0	0	0	26	0	939
Hungary	0	0	0	0	0	3,127	0	79	0	0	0	3,206
Ireland	0	0	0	0	1,822	15	241	117	0	20	0	2,215
Mexico	2,500	76	1,496	0	80	117	0	0	0	10	3,374	7,653
Netherlands	0	0	1	0	0	5,537	0	13	0	0	592	6,143
New Zealand	197,474	256	7	15,682	0	0	0	0	7	2,848	1,668	217,942
Nicaragua	7,129	0	0	9	0	0	0	0	0	220	0	7,358
Panama	0	0	0	0	0	0	0	0	0	0	0	0
Poland	0	1	0	0	0	5,817	0	125	81	0	29	6,053
Romania	0	0	0	0	0	0	0	0	0	0	0	0
Sweden	0	0	0	0	483	0	0	0	0	0	292	775
United Kingdom	0	0	0	0	3,715	0	0	0	0	0	66	3,781
Uruguay	13,432	1,867	592	105	3	0	0	0	0	618	266	16,883
Other	10	236	72	40	264	5,609	1,496	23	4	21	7,887	15,662
Total [1]	822,883	54,288	14,902	51,695	217,192	61,137	14,658	2,861	786	46,908	23,669	1,310,979

[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 7-70.—Meat: United States imports by type of product, 1989–98

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*
1989	638,999	56,302	13,842	20,936	226,173	118,597	10,327	2,656	2,621	11,565	23,581	1,125,599
1990	699,251	57,636	10,939	19,056	233,534	109,313	13,375	3,421	1,874	11,423	18,560	1,178,382
1991	709,997	60,511	12,929	19,100	215,933	82,342	16,948	2,144	1,534	18,266	22,979	1,162,683
1992	728,922	64,303	10,641	23,853	185,672	61,005	16,553	2,453	1,674	20,059	19,225	1,134,360
1993	719,377	59,786	14,559	24,468	207,652	75,434	17,686	2,689	1,368	25,298	18,679	1,166,996
1994	714,450	61,575	13,335	23,276	209,026	75,443	17,577	2,237	1,899	27,407	18,724	1,164,949
1995	641,916	52,012	13,528	29,919	194,386	61,904	15,571	2,553	1,935	25,972	19,550	1,059,246
1996	640,652	53,388	13,616	33,097	183,555	55,247	15,277	2,418	1,639	32,472	21,934	1,053,295
1997	732,933	51,538	12,064	37,871	191,045	56,353	14,632	2,466	1,608	44,162	25,852	1,170,524
1998 [2]	822,883	54,288	14,902	51,695	217,192	61,137	14,658	2,861	786	46,908	23,669	1,310,979

[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 7-71.—Meat: International trade, selected countries, 1996–98 [1]

Continent and country	1996		1997		1998 [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	658	276	776	311	848	303
Costa Rica	27	1	18	1	13	2
Dominican Republic	0	0	0	0	0	0
El Salvador	0	11	0	14	0	16
Guatemala	1	1	2	2	0	4
Honduras	9	0	8	0	3	0
Mexico	15	129	26	231	25	326
Nicaragua	22	0	25	0	23	0
United States	1,294	1,253	1,446	1,388	1,545	1,568
Total [3]	2,026	1,671	2,301	1,947	2,457	2,219
South America:						
Argentina	472	11	438	13	292	20
Brazil	330	145	354	119	449	81
Colombia	2	3	2	3	3	4
Uruguay	229	0	288	0	278	0
Venezuela	6	6	6	6	6	6
Total [3]	1,039	165	1,088	141	1,028	111
Europe:						
Austria	16	2	26	4	25	3
Belgium-Luxembourg	61	0	136	1	145	3
Denmark	387	2	531	2	490	2
France	291	45	281	52	224	58
Germany	229	143	243	133	202	126
Greece	2	14	5	15	4	15
Ireland	305	8	271	4	308	3
Italy	55	62	56	65	59	57
Netherlands	195	31	202	56	180	32
Portugal	1	6	8	7	4	9
Spain	13	41	76	37	74	28
Sweden	13	4	14	7	17	8
United Kingdom	49	276	32	283	46	239
Total EC (includes intra-trade)	1,617	634	1,881	666	1,778	583
Europe:						
Switzerland	4	17	8	29	6	25
Bulgaria	16	7	11	23	4	32
Czech Republic	3	10	46	7	20	41
Hungary	103	11	75	5	75	34
Poland	187	62	334	43	317	60
Romania	37	1	66	1	7	30
Total Eastern Europe [3]	346	91	532	79	423	197
FSU–4:.						
Kazakhstan	50	6	34	13	27	16
Russian Fed.	7	1,059	8	1,155	8	895
Ukraine	207	27	195	21	97	5
Total [4]	264	1,092	237	1,189	132	916
Africa:						
Egypt	0	115	0	147	0	104
South Africa	2	91	3	92	7	69
Total [3]	2	206	3	239	7	173

See footnotes at end of table.

Table 7-71.—Meat: International trade, selected countries, 1996–98 [1]—Continued

Continent and country	1996		1997		1998 [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	279	8	209	32	239	56
Hong Kong	14	202	22	238	50	313
India	162	0	171	0	193	0
Japan	0	1,904	0	1,719	0	1,733
Korea, Rep. of	46	240	70	276	116	173
Philippines	0	88	0	105	0	79
Saudi Arabia	2	105	2	115	2	122
Singapore	5	46	6	50	3	32
Taiwan	388	75	70	75	3	104
Turkey	2	12	2	0	2	0
Total [3]	898	2,680	552	2,610	608	2,612
Oceania:						
Australia	1,291	13	1,465	13	1,612	9
New Zealand	985	5	999	4	949	4
Total [3]	2,276	18	2,464	17	2,561	13
Total selected countries [3]	8,472	6,574	9,066	6,917	9,000	6,849

[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 7-72.—Meats and lard: Production and consumption, United States, 1991–2000 [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*
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	97.0	319	319	1.2	287	348	1.3
1996	25,525	25,863	97.4	378	378	1.4	268	334	1.3
1997	25,490	25,609	95.6	334	333	1.2	260	333	1.2
1998	25,760	26,303	97.2	262	265	1.0	251	359	1.3
1999 [2]	26,496	26,981	98.8	237	237	0.9	247	352	1.3
2000 [3]	25,806	26,542	96.4	222	223	0.8	215	322	1.2

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*
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	998	606	2.3
1997	17,274	16,821	62.8	43,358	43,096	160.9	NA	NA	NA
1998 [2]	19,011	18,308	67.7	45,284	45,235	167.2	NA	NA	NA
1999 [3]	19,308	18,955	69.4	46,288	46,525	170.4	NA	NA	NA
2000 [3]	18,630	18,219	66.2	44,873	45,306	264.6	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 7-73.—Hides, packer: Average price per hundred pounds, Central U.S., 1990–99

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*
1990	92.06	89.56	86.68	84.45	81.26	98.09	86.00	90.57
1991	77.47	.....	68.29	63.80	58.43	76.92	.....	67.18
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	.....	66.27	82.32	77.98	93.69	.....	80.76
1996	87.62	.....	63.76	79.75	73.72	92.15	.....	82.27
1997	87.66	.....	64.60	80.03	77.00	90.99	.....	82.39
1998	76.39	.....	49.65	62.14	56.54	75.45	.....	63.12
1999	72.36	.....	.....	64.28	60.83	73.80	.....	67.25

[1] Heifers. [2] Cows.

AMS, Livestock & Grain Market News, (202) 720–7316.

Table 7-74.—Hides and skins: United States imports and exports, 1989–98

Year	Imports				Exports		
	Sheep and lamb [2]	Cattle and buffalo [1]	Goat and kid	Calf and kip	Calf	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*
1989	167	1,636	293	6,570	6,854	26,825	3,616
1990	106	1,595	419	5,628	7,007	24,441	4,000
1991	168	2,146	161	3,229	3,267	21,283	4,503
1992	115	2,161	189	4,507	2,904	19,098	4,825
1993	105	2,360	108	3,646	2,612	18,226	3,618
1994	61	2,165	50	3,250	4,491	17,911	3,686
1995	112	2,289	57	3,228	5,207	20,044	3,528
1996	178	2,577	171	2,229	3,347	20,289	2,998
1997	129	3,037	60	2,032	3,060	18,991	2,782
1998 [4]	52	2,714	58	1,389	2,740	17,505	1,696

[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 7-75.—Hides and skins: United States imports by country of origin, 1994–98

Country of origin	1994	1995	1996	1997	1998 [1]
	1,000 pieces	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*
Cattle and buffalo hides: [2]					
Canada	1,656	1,772	2,375	2,387	2,322
Taiwan	0	0	0	271	19
Mexico	391	423	128	172	241
Brazil	0	8	0	58	7
Costa Rica	0	0	7	20	0
Thailand	14	12	15	13	15
Argentina	5	9	0	0	1
Other countries	99	65	51	116	109
Total	2,165	2,289	2,577	3,037	2,714
Calf and kip:					
Canada	38	76	172	105	39
Other countries	23	36	7	24	13
Total	61	112	179	129	52
Goat and kid:					
Peru	0	0	0	31	27
Canada	15	14	7	19	18
Australia	5	1	4	0	0
Other countries	30	42	160	10	13
Total	50	57	171	60	58
Sheep and lambs: [3]					
New Zealand	410	456	650	572	465
Ethiopia	415	528	246	493	156
Canada	293	286	320	337	204
United Kingdom	947	425	298	179	223
France	140	46	34	128	55
Mexico	82	117	24	66	6
Australia	251	591	360	54	56
Netherlands	36	0	18	50	0
Sudan	249	146	68	47	0
Spain	5	5	19	43	18
Uruguay	1	0	2	27	42
South Africa	191	552	116	4	18
Yemen	72	0	36	0	0
Saudi Arabia	18	18	0	0	0
Other countries	140	58	38	40	146
Total	3,250	3,228	2,229	2,040	1,389

[1] Final. [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 7-76.—Hides and skins: United States exports by country of destination, 1994–98

Country of destination	1994	1995	1996	1997	1998 [1]
	1,000 pieces	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*	*1,000 pieces*
Cattle and buffalo hides: [2]					
Canada	995	951	1,149	1,248	1,093
Mexico	1,545	893	2,117	2,467	2,843
Germany	1	12	31	18	7
Italy	288	320	522	468	1,164
Spain	134	211	184	144	438
Portugal	168	111	64	56	91
Romania	72	63	171	0	0
Taiwan	2,491	3,015	2,867	2,860	2,699
Korea, Rep. of	7,472	8,282	7,956	7,468	4,881
Japan	3,132	3,245	2,372	1,800	1,407
Thailand	331	780	455	323	336
China	665	1,372	1,677	1,578	2,165
Hong Kong	474	609	498	319	351
Algeria	47	20	10	0	0
Netherlands	8	17	3	0	0
Other countries	88	143	214	241	330
Total	17,911	20,044	20,289	18,991	17,805
Sheep and lamb skins: [3]					
Sheep:					
Mexico	118	185	52	49	236
Turkey	1,527	1,116	1,321	1,158	720
Canada	203	298	375	229	96
Japan	417	411	71	149	7
Germany	87	64	29	39	0
Italy	502	180	332	333	174
Korea	167	373	375	168	185
France	82	86	26	49	54
Other countries	583	815	416	608	224
Total	3,686	3,528	2,998	2,782	1,696
Calf and kip skins: [4]					
Canada	20	40	29	12	44
Mexico	192	83	153	165	282
Italy	1,138	1,154	1,548	1,180	1,167
Netherlands	242	301	165	84	95
Korea	2,055	2,188	165	227	83
Taiwan	226	37	94	128	154
Japan	448	849	573	521	390
Other countries	245	555	620	739	525
Total	4,566	5,207	3,347	3,056	2,740

[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 7-77.—Mink: Farms, pelts produced and value of mink pelts, United States, 1989–98

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*
1989	940	4,604	20.40	93.9	1994	484	2,623	33.00	86.6
1990	771	3,366	25.50	85.8	1995	478	2,803	53.10	148.8
1991	683	3,268	21.90	71.6	1996	449	2,783	35.30	98.2
1992	571	2,900	23.80	69.0	1997	452	2,993	33.10	99.1
1993	523	2,620	34.10	89.3	1998 [1]	439	2,938	24.80	72.9

[1] Preliminary.

NASS, Livestock Branch, (202) 720–6351.

Table 7-78.—Mink pelts: Number produced by color class, major States, and United States, 1998

State	Standard	Ranch wild	Demibuff [1]	Pastel	Pale brown	Sapphire	Gunmetal	Mahogany
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
ID	35,800	42,300	*	*		19,100	26,100	49,000
IL	43,200							*
IA	61,500			*		*	17,000	8,100
MI	21,000	*	*	1,200		3,000	*	20,000
MN	72,200	58,000	*	2,100		1,700	31,100	97,700
NY	13,000		*	200		4,300	100	8,700
OH	31,000	*			*	*		27,700
OR	87,600		*	*		15,800	133,000	*
PA	*		*	*		12,400	22,900	*
SD	*	*	*	*				37,200
UT	312,000	*	62,000	*	*	40,000	27,000	219,000
WA	57,700	*				*	59,300	*
WI	397,100	14,100	2,500	9,500		27,500	118,000	194,300
Other States	61,600	61,700	49,500	20,600	600	16,400	14,200	65,600
US	1,193,700	176,100	114,000	33,600	600	140,200	448,700	727,300

State	Pearl	Lavender Hope	Pink	Violet type	White	Miscellaneous and unclassified	Total pelts
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
ID		*		*		*	184,500
IL	*				*	*	49,600
IA	*			*	*		123,900
MI	800			*	4,400		54,000
MN	*						268,300
NY				4,200			30,500
OH							70,400
OR				*			263,000
PA	*		*	*	*		67,500
SD	*						93,800
UT	*			*			675,000
WA							142,600
WI		*	*	11,900	20,700	*	800,500
Other States	22,400	5,500	1,900	9,700	18,400	4,100	114,600
US	23,200	5,500	1,900	25,800	43,500	4,100	2,938,200

[1] Includes crosses of Dark brown, Violet, Pastel, Standard, Pearl or others. (*) Included in total to avoid disclosing individual operations.

NASS, Livestock Branch, (202) 720–6351.

Table 7-79.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1990–99

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]
	1,000	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*	*1,000*
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	0.8
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	0.7
1994 [2]	33,121	164.5	1,187	19.9	4,796	13.0	352	2.5	91,772	212.1	114	0.5
1995 [2]	34,640	174.1	1,367	24.7	4,494	11.6	325	1.9	95,188	248.8	113	0.5
1996 [2]	35,714	181.5	1,641	28.8	4,086	11.0	384	2.3	91,849	320.7	104	0.6
1997 [2]	35,576	176.2	1,581	27.1	3,835	8.8	378	1.9	88,889	308.9	90	0.4
1998 [2]	34,911	157.1	1,466	28.7	3,685	7.3	432	1.5	96,899	395.9	77	0.5
1999 [3]	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

[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. [3] Data not available.

NASS, Iowa Agricultural Statistics Service, (515) 284–4340.

Table 7-80.—Livestock: Number and value, United States, Jan. 1, 1998–2000

Class of livestock and poultry	Number			Value					
				Per head [2]			Total		
	1998	1999	2000 [1]	1998	1999	2000 [1]	1998	1999	2000 [1]
	Thousands	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Cattle	99,744	99,115	98,048	603.00	594.00	683.00	60,193,070	58,833,650	67,011,240
Hogs [3]	61,158	62,206	59,407	82.00	44.00	72.00	4,985,532	2,765,847	4,261,389
Sheep and lambs ..	7,825	7,215	7,026	102.00	88.00	95.00	797,826	637,634	668,130
Angora goats [4]	840	626	436	38.30	37.40	39.60	32,200	23,428	17,268
Total [5]	.....	.....	.....	.....	.....	.....	66,008,628	62,260,559	71,958,027
Chickens [3]	410,030	425,045	436,326	2.72	2.69	2.65	1,113,183	1,143,835	1,154,840
Total [6]	.....	.....	.....	.....	.....	.....	67,121,811	63,404,394	73,112,867

[1] Preliminary. [2] Based on reporters' estimates of average price per head in their localities. [3] Dec. 1 of preceding year. [4] AZ, NM, OK, TX only. [5] Cattle, hogs, sheep, and goats. [6] Includes all cattle, hogs, sheep, goats, and chickens (excluding broilers and turkey breeder hens).

NASS, Livestock Branch, (202) 720–3570.

Table 7-81.—Livestock: Average price per 100 pounds received by farmers, by States, 1997 and 1998

State	Cows [1]		Steers and heifers		Beef cattle [2]		Calves	
	1997	1998	1997	1998	1997	1998	1997	1998
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	34.60	33.70	67.20	65.20	57.60	56.00	79.10	75.10
AK	55.00	57.00	76.00	78.00	62.00	64.00	79.00	79.00
AZ	36.50	32.10	65.20	61.70	62.10	60.80	83.40	82.00
AR	33.70	31.90	70.10	65.40	53.90	53.00	78.80	77.80
CA	33.10	32.90	63.10	61.50	48.80	47.80	68.10	70.90
CO	37.80	34.80	67.10	63.00	65.20	61.30	86.20	84.10
CT	35.00	35.00	50.00	50.00	50.00	50.00	40.00	40.00
DE	36.40	38.10	61.40	60.50	58.90	58.30	63.50	71.50
FL	34.10	33.40	67.50	65.50	42.20	39.00	81.20	78.60
GA	33.30	33.10	66.20	63.10	44.50	43.30	78.40	73.00
HI	28.80	27.20	47.10	47.50	37.70	37.30	43.00	49.00
ID	32.60	31.90	64.90	62.70	56.80	55.10	76.40	77.40
IL	36.60	33.60	65.10	60.60	64.50	60.10	102.00	99.80
IN	37.90	34.30	64.50	59.30	55.80	51.30	75.30	70.90
IA	37.40	35.20	66.70	61.90	62.00	59.80	76.00	75.60
KS	36.20	33.00	66.30	63.10	65.50	62.30	86.40	86.60
KY	34.80	34.80	66.90	66.60	59.20	59.00	72.20	74.90
LA	34.50	33.80	69.20	65.50	45.60	44.10	76.70	77.40
ME	40.00	40.00	55.00	55.00	55.00	55.00	30.00	40.00
MD	36.40	38.10	61.40	60.50	58.90	58.30	63.50	71.50
MA	35.00	35.00	50.00	50.00	50.00	50.00	35.00	35.00
MI	35.80	34.40	60.60	55.40	50.80	47.70	54.00	51.70
MN	34.40	34.50	64.00	61.30	61.10	57.30	64.00	68.80
MS	34.50	33.60	66.50	60.80	48.00	46.00	72.50	69.00
MO	35.00	33.80	73.90	70.70	64.40	62.30	81.80	79.50
MT	36.60	34.40	77.00	73.10	64.50	62.00	84.70	78.60
NE	36.60	34.20	67.60	62.70	66.70	61.80	86.00	83.80
NV	37.40	35.40	63.70	64.00	57.10	57.00	73.00	77.70
NH	30.00	30.00	55.00	50.00	50.00	45.00	35.00	40.00
NJ	34.00	34.00	50.00	51.00	38.00	38.00	54.00	57.00
NM	40.00	37.00	72.70	71.90	59.50	58.00	67.30	80.00
NY	32.80	32.30	50.30	48.70	34.50	33.80	48.20	51.90
NC	35.50	34.00	68.20	68.20	50.70	50.10	72.80	72.40
ND	34.90	35.50	70.50	70.00	60.10	61.40	75.50	77.90
OH	33.40	32.90	63.60	61.10	60.50	58.40	65.30	65.80
OK	35.90	33.10	73.60	71.50	68.00	65.30	84.00	81.90
OR	37.40	35.90	69.20	67.70	59.60	58.10	72.50	76.00
PA	34.00	34.50	63.60	59.60	56.00	53.10	70.30	79.50
RI	30.00	40.00	55.00	55.00	50.00	55.00	35.00	35.00
SC	36.10	29.20	59.50	59.30	54.00	52.40	76.50	74.60
SD	33.00	34.10	71.60	65.10	64.70	61.80	83.70	85.10
TN	33.70	32.90	69.00	67.70	55.40	53.30	75.30	77.70
TX	34.10	32.10	67.70	63.70	65.00	61.10	86.30	84.00
UT	37.00	34.00	68.00	65.00	65.00	63.00	80.00	81.00
VT	35.00	35.00	50.00	45.00	50.00	45.00	25.00	30.00
VA	31.00	31.00	65.50	63.00	59.20	57.00	70.30	73.30
WA	34.70	33.40	69.80	66.40	65.90	62.80	81.30	79.10
WV	29.40	29.10	64.40	62.20	48.20	46.90	67.40	65.90
WI	36.10	34.40	62.90	58.20	47.40	44.40	98.00	98.00
WY	36.20	34.80	76.50	71.80	70.70	64.60	88.90	84.90
US	34.80	33.70	66.80	62.80	63.10	59.60	78.90	78.80

See footnotes at end of table.

Table 7-81.—Livestock: Average price per 100 pounds received by farmers, by States, 1997 and 1998—Continued

State	Hogs [3]		Lambs		Sheep	
	1997	1998	1997	1998	1997	1998
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	48.70	30.40	85.00	70.00	37.00	32.00
AK	57.30	64.00	95.00	82.00	60.00	55.00
AZ	49.90	29.10	92.00	75.00	45.00	36.00
AR	48.00	30.00	.....	.....	.....	.....
CA	54.70	34.00	91.60	75.00	33.80	30.50
CO	55.60	36.40	89.80	72.20	36.10	30.00
CT	47.00	38.00	115.00	120.00	40.00	37.00
DE	45.70	32.10	.....	.....	.....	.....
FL	45.20	28.00	.....	.....	.....	.....
GA	48.60	32.40	.....	.....	.....	.....
HI	80.30	83.10	.....	.....	.....	.....
ID	52.00	37.00	86.40	65.90	33.10	30.50
IL	51.10	32.50	85.00	66.00	32.20	28.50
IN	51.50	32.60	85.20	69.60	36.20	32.10
IA	54.90	36.30	87.00	69.30	35.60	27.80
KS	50.90	32.40	86.90	72.00	32.60	29.30
KY	52.60	35.20	85.00	70.00	32.00	29.00
LA	47.00	29.10	88.00	70.60	41.50	35.20
ME	47.00	38.00	120.00	110.00	45.00	45.00
MD	45.70	32.10	94.40	79.10	42.10	36.00
MA	47.00	38.00	120.00	115.00	40.00	38.00
MI	53.10	33.90	84.00	69.00	35.00	32.00
MN	54.30	35.50	90.80	71.40	33.80	27.20
MS	52.40	33.70	.....	.....	.....	.....
MO	50.90	32.00	84.00	69.00	35.90	30.00
MT	55.30	40.10	97.80	73.60	37.40	29.20
NE	55.40	37.10	90.90	74.80	35.10	31.10
NV	53.10	29.80	84.20	69.00	29.40	25.00
NH	47.00	38.00	115.00	105.00	40.00	37.00
NJ	40.00	31.00	100.00	90.00	49.00	41.00
NM	48.70	22.60	92.00	74.50	45.90	36.00
NY	45.40	31.70	100.00	86.70	40.20	37.30
NC	53.10	34.00	93.00	78.60	36.20	30.00
ND	46.30	28.10	90.70	69.10	32.20	24.70
OH	53.20	35.10	90.10	73.20	34.70	31.90
OK	50.00	32.00	90.00	70.00	38.00	28.00
OR	56.90	37.80	84.30	66.20	31.20	30.10
PA	50.50	32.00	91.50	83.60	38.90	34.90
RI	47.00	38.00	.....	.....	.....	.....
SC	49.40	32.60	.....	.....	.....	.....
SD	53.90	35.30	93.20	73.20	37.70	30.10
TN	49.60	33.00	91.00	76.00	38.00	33.00
TX	47.40	30.70	90.50	73.30	44.70	37.10
UT	58.80	40.20	87.20	67.80	32.70	27.00
VT	47.00	38.00	105.00	105.00	40.00	30.00
VA	51.60	34.60	91.00	72.20	31.20	30.40
WA	50.90	36.60	84.00	66.10	31.40	30.00
WV	47.50	34.00	79.90	71.80	26.10	25.50
WI	50.40	31.80	87.20	69.10	35.10	32.20
WY	50.60	31.10	94.30	71.80	38.70	28.70
US	52.90	34.40	90.30	72.30	37.90	30.60

[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 Branch, (202) 720–3570.

Table 7-82.—Frozen meat: Cold storage holdings, end of month, United States, 1998 and 1999

Month	Boneless beef		Beef cuts		Total beef	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	292,194	266,754	38,887	34,341	331,081	301,095
February	291,292	265,303	43,656	34,787	334,948	300,090
March	288,485	269,606	41,165	39,583	329,650	309,189
April	298,459	275,662	36,991	41,096	335,450	316,758
May	275,293	269,349	34,930	37,390	310,223	306,739
June	283,117	252,166	33,377	40,957	316,494	293,123
July	267,552	245,813	35,444	46,909	302,996	292,722
August	273,895	334,742	32,854	43,124	306,749	377,866
September ..	286,074	255,512	36,989	38,857	323,063	294,369
October	320,959	276,407	37,272	46,067	358,231	322,474
November ...	290,854	267,198	37,329	41,738	328,183	308,936
December ...	267,339	269,719	29,084	44,443	296,423	314,162

Month	Picnics		Bellies		Butts	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	15,043	11,733	55,249	82,605	10,259	13,060
February	14,444	12,323	55,368	93,323	10,544	14,188
March	11,503	8,569	54,441	106,194	11,265	17,651
April	14,982	8,952	58,600	109,521	11,062	17,808
May	12,984	8,450	59,462	108,257	11,447	14,101
June	8,673	8,398	52,010	93,383	9,638	11,580
July	9,975	6,214	31,433	69,675	7,263	9,207
August	10,457	7,486	14,786	34,814	8,284	5,612
September ..	16,891	7,925	9,452	19,273	8,001	7,067
October	15,645	10,051	16,440	22,489	12,253	10,549
November ...	11,109	13,827	41,711	26,170	18,500	11,338
December ...	11,960	6,785	72,657	40,300	15,882	10,482

Month	Hams					
	Bone-in		Boneless		Total	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	35,130	39,681	35,358	40,178	70,488	79,859
February	41,013	52,539	35,439	39,149	76,452	91,688
March	35,308	40,157	43,335	37,249	78,643	77,406
April	41,915	71,722	37,858	30,410	79,773	102,132
May	52,288	67,571	39,526	50,247	91,814	117,818
June	54,583	80,683	35,781	47,163	90,364	127,846
July	61,196	80,561	44,187	54,456	105,383	135,017
August	66,988	88,644	37,577	49,267	104,565	137,911
September ..	68,350	85,996	36,180	49,466	104,530	135,462
October	57,506	72,246	41,593	46,000	99,099	118,246
November ...	44,313	48,975	32,411	33,845	76,724	82,820
December ...	30,662	33,050	33,022	28,005	63,684	61,055

Month	Loins					
	Bone-in		Boneless		Total	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	13,379	21,242	12,003	12,065	25,382	33,307
February	12,962	18,303	10,949	14,430	23,911	32,733
March	12,441	15,872	10,327	17,393	22,768	33,265
April	13,580	19,021	9,586	13,439	23,166	32,460
May	10,602	16,036	8,002	11,091	18,604	27,127
June	13,962	15,887	8,091	12,287	22,053	28,174
July	10,064	12,000	7,536	10,847	17,600	22,847
August	8,205	8,655	7,327	8,830	15,532	17,485
September ..	7,629	8,360	8,005	7,760	15,634	16,120
October	7,800	8,276	6,934	8,004	14,734	16,280
November ...	14,125	11,090	7,919	9,517	22,044	20,607
December ...	18,792	15,200	8,851	11,720	27,643	26,920

See end of table.

Table 7-82.—Frozen meat: Cold storage holdings, end of month, United States, 1998 and 1999—Continued

Month	Ribs		Trimmings		Other frozen pork	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	58,725	80,635	77,443	66,612	82,297	80,963
February	63,459	78,937	84,753	67,788	86,105	94,391
March	62,961	84,874	88,102	65,268	81,368	99,555
April	59,367	79,006	108,519	70,024	78,493	109,892
May	47,902	63,305	98,907	60,253	72,314	99,366
June	38,890	43,107	70,438	51,734	70,586	102,040
July	39,543	39,571	62,408	47,355	75,796	103,487
August	36,228	31,825	57,379	43,167	78,796	92,300
September ..	38,855	37,135	55,583	46,387	80,843	89,839
October	48,243	46,560	54,599	52,497	84,575	91,020
November ...	60,621	55,100	60,806	52,459	80,246	95,334
December ...	75,393	66,662	73,201	54,752	88,577	91,823

Month	Variety meats		Unclassified pork		Total pork	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	37,068	50,076	14,179	11,465	446,133	510,315
February	36,471	43,250	12,945	12,229	464,452	540,850
March	33,853	47,223	13,902	12,832	458,806	552,837
April	38,071	50,672	15,002	16,462	487,035	596,929
May	47,517	60,430	16,408	13,595	477,359	572,702
June	47,149	46,507	17,011	15,785	426,812	528,554
July	48,036	50,577	17,183	10,666	414,620	494,616
August	49,060	50,756	17,468	11,257	392,555	432,613
September ..	43,034	56,919	16,028	14,458	388,851	430,585
October	51,134	56,383	15,163	13,985	411,885	438,060
November ...	56,333	51,258	15,343	13,622	443,437	422,535
December ...	58,867	39,804	15,645	16,795	503,509	415,378

Month	Veal		Lamb & mutton		Canned hams	
	1998	1999	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	6,857	4,522	13,920	10,452	4,061	5,846
February	6,541	4,197	15,284	12,134	3,727	4,874
March	6,126	4,416	16,226	12,374	4,393	3,802
April	5,905	4,183	16,306	13,146	3,512	4,511
May	4,906	3,590	16,666	12,313	4,474	4,945
June	5,227	3,957	16,040	12,459	5,987	4,748
July	5,129	4,069	16,188	11,975	7,612	6,235
August	4,864	4,366	14,530	12,240	8,892	7,019
September ..	5,135	3,802	12,253	9,815	8,753	7,048
October	4,295	4,325	12,558	9,210	7,248	5,623
November ...	5,046	4,361	11,870	9,446	4,671	4,717
December ...	5,407	5,123	11,721	8,740	3,378	4,568

Month	Other canned meat		Total red meat	
	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	732	815	802,784	833,045
February	875	974	825,827	863,119
March	1,064	852	816,265	883,470
April	1,085	861	849,293	936,388
May	680	885	814,308	901,174
June	488	1,065	771,048	843,906
July	612	760	747,157	810,377
August	657	752	728,247	834,856
September ..	706	660	738,761	746,279
October	702	584	794,919	780,276
November ...	916	461	794,123	750,456
December ...	610	370	821,048	748,341

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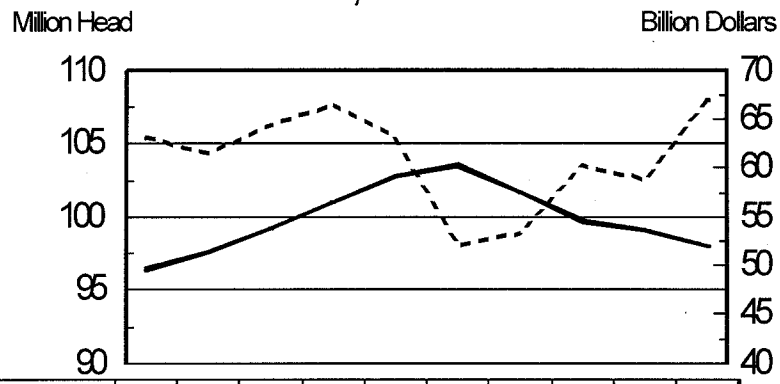
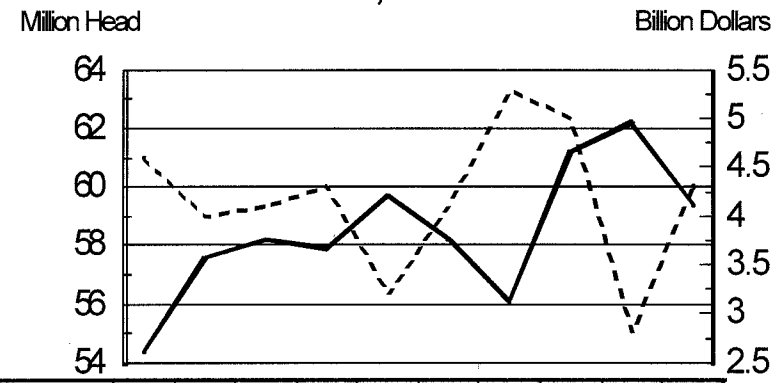
Cattle & Calves: Inventory & Value Jan. 1, 1991-2000



Year	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000
Value - -	63.1	61.5	64.4	66.5	63.2	52.1	53.4	60.2	58.8	67.0
Inventory —	96.4	97.6	99.2	101.0	102.8	103.5	101.7	99.7	99.1	98.0

NASS Table 7-1

Hogs & Pigs: Inventory & Value Dec. 1, 1990-99



Year	90	91	92	93	94	95	96	97	98	99
Value - -	4.6	4.0	4.1	4.3	3.2	4.1	5.3	5.0	2.8	4.3
Inventory —	54.4	57.6	58.2	57.9	59.7	58.2	56.1	61.2	62.2	59.4

NASS Table 7-25

CHAPTER VIII

DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as ''milk cows'' is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; poultry and eggs under Federal inspection; and the National Poultry Improvement Plan. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

Table 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, 1991–2000

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	Thousands	*Thousands*
1991	9,966	4,093
1992	9,728	4,131
1993	9,658	4,176
1994	9,507	4,125
1995	9,482	4,121
1996	9,420	4,090
1997	9,318	4,058
1998	9,199	3,986
1999	9,133	4,069
2000 [1]	9,188	3,954

[1] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 8-2.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1999 and 2000

State	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1999	2000 [1]	1999	2000 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*
AL	27	27	9	10
AK	0.9	0.9	0.4	0.4
AZ	132	135	23	26
AR	42	42	20	15
CA	1,440	1,490	720	720
CO	83	83	45	40
CT	29	28	12	12
DE	10	10	2.7	2.5
FL	157	156	40	40
GA	90	90	29	35
HI	9	9	4	4
ID	302	332	135	160
IL	125	120	60	60
IN	137	138	62	60
IA	220	215	120	110
KS	84	88	45	40
KY	135	130	55	45
LA	64	61	15	12
ME	42	41	20.0	18.0
MD	86	86	29	33
MA	25	25	12.0	10.0
MI	300	300	145	125
MN	545	540	290	290
MS	39	36	17	15
MO	165	158	75	65
MT	18	18	10	10
NE	72	76	30	30
NV	25	25	8	9
NH	20	19	10.0	10.0
NJ	18	16	7	5
NM	218	236	55	55
NY	702	700	310	300
NC	73	72	30	29
ND	50	50	15	15
OH	260	258	125	110
OK	92	92	30	30
OR	88	90	55	50
PA	619	619	280	280
RI	2.1	1.9	0.7	0.8
SC	24	23	10	11
SD	102	102	35	40
TN	100	96	45	40
TX	340	350	110	80
UT	95	95	43	46
VT	162	159	68	60
VA	122	119	63	60
WA	248	246	98	99
WV	18	18	5	5
WI	1,370	1,360	640	630
WY	6	6	1	1
US	9,133.0	9,187.8	4,068.8	3,953.7

[1] Preliminary.

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Table 8-3.—Milk-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 1989–98

Year	All milk price cwt.	16% dairy feed price cwt [1]	Milk-feed price ratio [2]
	Dollars	*Dollars*	*Pounds*
1989	13.56	9.45	2.70
1990	13.74	9.10	2.82
1991	12.27	8.80	2.74
1992	13.15	8.90	3.01
1993	12.84	9.00	2.80
1994	13.01	9.20	2.65
1995	12.78	8.70	2.59
1996	14.75	11.25	2.45
1997	13.36	10.75	2.38
1998	15.41	9.70	3.32

[1] Commercially prepared 16%dairy ration: Annual average prior to 1995, April price 1995-current. [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).

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 8-4.—Milk cows: Number of operations, 1998–99, and inventory, Jan. 1, 1999–2000, by selected States and United States [1]

State	Operations with milk cows [2]		January 1 milk cow inventory	
	1998	1999 [3]	1999	2000 [3]
	Number	*Number*	*1,000 head*	*1,000 head*
AL	380	340	27	27
AK	30	30	0.9	0.9
AZ	250	250	132	135
AR	1,200	1,100	42	42
CA	2,700	2,600	1,440	1,490
CO	900	900	83	83
CT	350	350	29	28
DE	130	130	10	10
FL	650	550	157	156
GA	950	850	90	90
HI	50	50	9	9
ID	1,300	1,200	302	332
IL	2,300	2,200	125	120
IN	3,300	3,200	137	138
IA	4,300	4,000	220	215
KS	1,400	1,400	84	88
KY	3,400	3,200	135	130
LA	800	700	64	61
ME	700	700	42	41
MD	1,100	1,100	86	86
MA	450	450	25	25
MI	4,000	3,700	300	300
MN	9,700	9,100	545	540
MS	600	550	39	36
MO	4,300	4,100	165	158
MT	700	650	18	18
NE	1,400	1,400	72	76
NV	150	150	25	25
NH	300	300	20	19
NJ	350	350	18	16
NM	500	500	218	236
NY	8,700	8,200	702	700
NC	1,100	1,000	73	72
ND	1,200	1,200	50	50
OH	5,900	5,700	260	258
OK	2,100	2,000	92	92
OR	1,000	900	88	90
PA	11,200	11,000	619	619
RI	40	40	2.1	1.9
SC	300	260	24	23
SD	1,800	1,700	102	102
TN	2,000	1,800	100	96
TX	3,200	2,800	340	350
UT	900	820	95	95
VT	1,900	1,800	162	159
VA	1,800	1,700	122	119
WA	1,300	1,200	248	246
WV	800	700	18	18
WI	23,000	22,000	1,370	1,360
WY	300	300	6	6
US	117,180	111,220	9,133.0	9,187.8

[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. [3] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 8-5.—Milk cows: Number of operations by size group, selected States, and United States, 1998–99 [1]

State	Operations having											
	1–29 Head		30–49 Head		50–99 Head		100–199 Head		200-499 Head		500+ Head	
	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]
	Number	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*	*Number*
AZ	130	120	.....	.....	10	10	10	10	20	20	80	90
CA	420	380	90	70	110	70	270	250	750	730	1,060	1,100
CO	600	630	30	20	50	45	80	70	90	80	50	55
FL	400	300	10	10	32	40	38	40	75	70	95	90
GA	500	400	20	20	100	110	190	190	110	100	30	30
ID	350	300	140	120	250	250	240	210	180	170	140	150
IL	500	490	460	450	960	900	330	300	50	55	.....	5
IN	1,900	1,700	520	600	560	550	270	300	40	40	10	10
IA	1,200	1,000	1,200	1,100	1,400	1,400	390	410	105	80	5	10
KY	1,500	1,400	670	600	900	900	280	250	45	45	5	5
MD	230	230	180	170	420	410	220	230	45	50	5	10
MI	950	1,000	900	700	1,100	1,000	810	750	205	200	35	50
MN	1,600	1,500	3,500	3,200	3,500	3,300	800	750	260	290	40	60
MO	1,900	1,800	780	800	990	890	570	540	60	70	.....	.....
NM	350	330	.....	.....	5	5	10	15	20	20	115	130
NY	1,600	1,400	1,800	1,600	3,500	3,200	1,300	1,400	390	480	110	120
NC	530	500	60	45	200	180	220	190	75	70	15	15
OH	2,900	2,800	880	810	1,400	1,400	600	570	110	110	10	10
OK	1,400	1,300	130	130	300	270	220	240	40	50	10	10
OR	550	430	30	30	110	90	170	200	110	120	30	30
PA	2,300	2,300	3,800	3,700	3,800	3,800	1,050	930	235	255	15	15
SD	800	800	350	290	420	330	170	210	40	40	20	30
TN	950	800	210	200	440	500	300	200	90	90	10	10
TX	1,500	1,300	200	190	400	380	500	390	400	370	200	170
UT	340	260	60	50	165	190	190	180	120	110	25	30
VT	190	130	320	320	900	870	350	320	115	130	25	30
VA	760	600	100	150	450	480	380	340	100	120	10	10
WA	450	410	45	50	145	120	280	240	255	250	125	130
WI	4,300	4,000	7,300	6,900	8,900	8,400	1,950	2,000	490	610	60	90
Oth Sts	5,100	4,500	1,700	1,600	2,500	3,000	1,720	1,390	530	600	80	60
US	36,200	33,110	25,485	23,925	34,017	33,090	13,908	13,115	5,155	5,425	2,415	2,555

[1] An operation is any place having one or more head of milk cows on hand at any time during the year. [2] Preliminary.
NASS, Livestock Branch, (202) 720–6146.

Table 8-6.—Milk cows: Percent of inventory by size group, selected States, and United States, 1998–99 [1]

State	Inventory on operations having											
	1–29 head		30–49 head		50–99 head		100–199 head		200–499 head		500+ head	
	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]
	Percent	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*	*Percent*
AZ	0.4	0.3	.....	.....	0.5	0.4	1.4	0.8	5.7	4.5	92.0	94.0
CA	0.1	0.1	0.3	0.2	0.7	0.4	3.4	3.3	17.5	17.0	78.0	79.0
CO	1.4	1.4	1.4	0.8	4.2	2.8	12.0	9.0	30.0	22.0	51.0	64.0
FL	0.5	0.5	0.2	0.2	1.5	1.8	3.8	3.5	15.0	15.0	79.0	79.0
GA	3.0	0.5	1.0	1.0	8.0	9.5	28.0	31.0	31.0	30.0	29.0	28.0
ID	0.7	0.6	1.8	1.4	6.0	5.5	11.5	9.5	19.0	17.0	61.0	66.0
IL	4.0	3.8	11.0	12.0	46.0	43.0	29.0	28.0	10.0	11.0	.....	2.2
IN	14.0	12.0	18.0	20.0	31.0	28.0	25.0	27.0	7.0	7.5	5.0	5.5
IA	8.0	6.0	18.0	17.0	38.0	40.0	22.0	23.0	12.0	10.0	2.0	4.0
KY	8.0	8.0	18.0	16.0	40.0	42.0	24.0	23.0	8.0	9.0	2.0	2.0
MD	2.5	2.5	6.9	6.9	36.0	34.0	34.0	35.0	13.0	14.0	7.6	7.6
MI	4.5	5.0	10.5	8.0	25.0	23.0	32.0	32.0	18.0	18.0	10.0	14.0
MN	5.8	5.3	22.0	21.0	40.0	38.0	16.0	15.0	12.0	14.0	4.2	6.7
MO	7.0	6.0	16.0	18.0	33.0	30.0	36.0	36.0	8.0	10.0	.....	.....
NM	0.4	0.3	.....	.....	0.2	0.2	0.7	1.0	2.7	2.5	96.0	96.0
NY	2.5	2.0	10.5	10.0	34.0	31.0	26.0	27.0	15.0	17.0	12.0	13.0
NC	1.5	1.8	2.5	2.2	17.0	18.0	37.0	36.0	27.0	27.0	15.0	15.0
OH	12.0	11.0	12.5	13.0	35.0	34.0	27.0	27.0	11.0	12.0	2.5	3.0
OK	6.3	4.4	5.7	5.6	22.0	19.0	30.0	33.0	12.0	14.0	24.0	24.0
OR	1.0	0.7	1.3	1.3	9.7	8.0	25.0	26.0	34.0	36.0	29.0	28.0
PA	4.5	5.0	25.0	25.0	37.0	38.0	22.0	19.0	9.5	11.0	2.0	2.0
SD	5.5	4.5	13.0	10.5	28.0	21.0	21.0	27.0	9.5	10.0	23.0	27.0
TN	3.0	2.5	6.4	6.2	28.0	36.0	37.0	28.0	20.0	21.0	5.6	6.3
TX	0.8	1.0	2.0	2.0	8.2	8.0	20.0	17.0	29.0	32.0	40.0	40.0
UT	1.5	1.0	2.5	2.0	13.0	14.0	25.0	24.0	37.0	35.0	21.0	24.0
VT	1.0	0.7	9.0	9.3	34.0	32.0	26.0	25.0	20.0	20.0	10.0	13.0
VA	6.0	3.5	3.0	4.0	26.0	26.0	38.0	36.0	22.0	25.0	5.0	5.5
WA	0.4	0.3	0.7	0.8	3.9	2.9	16.0	14.0	32.0	30.0	47.0	52.0
WI	4.8	4.5	21.0	20.0	43.0	40.0	18.0	18.0	10.0	13.0	3.2	4.5
Oth Sts	4.0	3.0	8.0	8.0	25.0	28.0	32.0	28.0	19.0	20.0	12.0	13.0
US	3.5	3.1	10.5	10.1	24.2	23.2	19.3	18.4	15.5	16.3	27.0	28.9

[1] Percents reflect average distribution of various probability surveys conducted during the year but are primarily on beginning-of-year and mid-year surveys. [2] Preliminary.
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Table 8-7.—Official Dairy Herd Improvement test plans: Numbers of herds and cows and milk, fat, and protein production, United States, 1989–98

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*
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
1997 ...	27,383	3,402,487	124.3	19,815	3.67	731	89	3.23	639
1998 ...	25,738	3,397,396	132.0	20,209	3.67	745	92	3.22	651

ARS, Animal Improvement Programs Laboratory, (301) 504–8334, rlaipl@aipl.arsusda.gov or http://aipl.arsusda.gov.

Table 8-8.—Milk and milkfat production: Number of producing cows, production per cow, and total quantity produced, United States, 1989–98

Year	Number of milk cows [1]	Production of milk and milkfat [2]				
		Per milk cow		Percentage of fat in all milk produced [4]	Total	
		Milk	Milkfat [4]		Milk	Milkfat [4]
	Thousands	*Pounds*	*Pounds*	*Percent*	*Million pounds*	*Million pounds*
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	150,847	5,552
1993	9,581	15,722	576	3.66	150,636	5,517
1994	9,494	16,179	592	3.66	153,602	5,621
1995	9,466	16,405	600	3.66	155,292	5,681
1996	9,372	16,433	606	3.69	154,006	5,679
1997	9,252	16,871	617	3.66	156,091	5,706
1998 [3]	9,158	17,192	629	3.66	157,441	5,765

[1] Average number during year, excluding heifers not yet fresh. [2] Excludes milk sucked by calves. [3] Preliminary. [4] 1993–97 preliminary.

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Table 8-9.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 1997

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	31	13,484	484	3.59	418	15.0
AK	0.9	16,667	562	3.37	15.00	0.5
AZ	127	20,976	747	3.56	2,664	94.8
AR	53	11,981	423	3.53	635	22.4
CA	1,391	19,829	722	3.64	27,582	1,004.0
CO	84	19,988	720	3.60	1,679	60.4
CT	30	16,967	618	3.64	509	18.5
DE	10.0	14,800	543	3.67	148.0	5.4
FL	160	15,475	554	3.58	2,476	88.6
GA	97	15,340	549	3.58	1,488	53.3
HI	9.1	13,516	462	3.42	123	4.2
ID	272	19,092	676	3.54	5,193	183.8
IL	133	16,564	615	3.71	2,203	81.7
IN	137	15,978	590	3.69	2,189	80.8
IA	230	16,057	597	3.72	3,693	137.4
KS	81	15,864	579	3.65	1,285	46.9
KY	148	12,264	442	3.60	1,815	65.3
LA	66	12,030	417	3.47	794	27.6
ME	41	16,146	588	3.64	662	24.1
MD	86	15,419	566	3.67	1,326	48.7
MA	26	16,692	618	3.70	434	16.1
MI	306	17,680	645	3.65	5,410	197.5
MN	569	16,186	604	3.73	9,210	343.5
MS	47	13,489	479	3.55	634	22.5
MO	177	13,345	486	3.64	2,362	86.0
MT	19	15,526	550	3.54	295	10.4
NE	69	15,072	556	3.69	1,040	38.4
NV	26	18,346	659	3.59	477	17.1
NH	20	16,400	618	3.77	328	12.4
NJ	21	14,238	515	3.62	299	10.8
NM	202	19,856	695	3.50	4,011	140.4
NY	699	16,495	605	3.67	11,530	423.2
NC	79	16,506	601	3.64	1,304	47.5
ND	56	12,732	466	3.66	713	26.1
OH	270	16,352	603	3.69	4,415	162.9
OK	92	13,576	486	3.58	1,249	44.7
OR	90	17,889	653	3.65	1,610	58.8
PA	629	16,951	614	3.62	10,661	386.0
RI	2.0	15,950	558	3.50	31.9	1.1
SC	26	15,269	559	3.66	397	14.5
SD	105	13,181	488	3.70	1,384	51.2
TN	113	14,239	508	3.57	1,609	57.4
TX	378	15,259	546	3.58	5,768	206.5
UT	91	16,923	609	3.60	1,540	55.4
VT	160	16,250	605	3.72	2,600	96.7
VA	125	14,864	529	3.56	1,858	66.1
WA	253	20,968	763	3.64	5,305	193.1
WV	18	14,778	542	3.67	266	9.8
WI	1,393	16,057	605	3.77	22,368	843.3
WY	6.6	12,697	461	3.63	83.8	3.0
US [3]	9,252	16,871	617	3.66	156,091	5,705.9

[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.

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Table 8-10.—Milk and milkfat production: Number of milk cows, production per cow, and total quantity produced, by States, 1998 (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	28	13,786	505	3.66	386	14.1
AK	0.9	15,922	535	3.36	14.33	0.5
AZ	131	20,458	730	3.57	2,680	95.7
AR	49	13,041	469	3.60	639	23.0
CA	1,420	19,442	714	3.67	27,607	1,013.2
CO	83	20,349	737	3.62	1,689	61.1
CT	30	17,633	638	3.62	529	19.1
DE	11.0	14,827	547	3.69	163.1	6.0
FL	160	14,588	522	3.58	2,334	83.6
GA	93	15,452	558	3.61	1,437	51.9
HI	8.9	14,494	497	3.43	129	4.4
ID	292	19,743	705	3.57	5,765	205.8
IL	128	16,570	611	3.69	2,121	78.3
IN	136	16,154	593	3.67	2,197	80.6
IA	223	17,188	641	3.73	3,833	143.0
KS	82	15,915	579	3.64	1,305	47.5
KY	140	12,214	442	3.62	1,710	61.9
LA	63	11,921	412	3.46	751	26.0
ME	41	16,585	600	3.62	680	24.6
MD	86	15,581	575	3.69	1,340	49.4
MA	26	16,846	622	3.69	438	16.2
MI	300	17,970	652	3.63	5,391	195.7
MN	551	16,833	623	3.70	9,275	343.2
MS	42	13,786	496	3.60	579	20.8
MO	170	13,924	507	3.64	2,367	86.2
MT	18	16,167	577	3.57	291	10.4
NE	70	15,000	554	3.69	1,050	38.7
NV	25	18,640	669	3.59	466	16.7
NH	20	16,700	623	3.73	334	12.5
NJ	19	15,368	542	3.53	292	10.3
NM	217	20,065	704	3.51	4,354	152.8
NY	701	16,748	613	3.66	11,740	429.7
NC	75	16,800	617	3.67	1,260	46.2
ND	51	13,843	508	3.67	706	25.9
OH	264	16,629	614	3.69	4,390	162.0
OK	92	13,435	477	3.55	1,236	43.9
OR	89	17,787	649	3.65	1,583	57.8
PA	623	17,411	644	3.70	10,847	401.3
RI	2.1	15,714	581	3.70	33.0	1.2
SC	25	14,960	548	3.66	374	13.7
SD	102	14,069	519	3.69	1,435	53.0
TN	105	14,295	520	3.64	1,501	54.6
TX	352	15,923	568	3.57	5,605	200.1
UT	90	16,811	610	3.63	1,513	54.9
VT	161	16,801	622	3.70	2,705	100.1
VA	124	14,847	540	3.64	1,841	67.0
WA	248	21,476	786	3.66	5,326	194.9
WV	18	15,444	570	3.69	278	10.3
WI	1,369	16,685	622	3.73	22,842	852.0
WY	6.1	13,082	474	3.62	79.8	2.9
US [3]	9,158	17,192	629	3.66	157,441	5,764.8

[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.

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Table 8-11.—Milk: Quantities used and marketed by producers, by States, 1998 (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	382	.....	382
AK	0.5	0.4	0.9	13.23	0.2	13.43
AZ	11	1	12	2,668	.....	2,668
AR	10	3	13	626	.....	626
CA	20	3	23	27,169	415	27,584
CO	27	7	34	1,610	45	1,655
CT	5	1	6	510	13	523
DE	1.0	.....	1.0	162.1	.....	162.1
FL	4	1	5	2,329	.....	2,329
GA	11	1	12	1,425	.....	1,425
HI	1.8	0.9	2.7	126.3	.....	126.3
ID	43	4	47	5,718	.....	5,718
IL	19	2	21	2,100	.....	2,100
IN	30	10	40	2,157	.....	2,157
IA	27	10	37	3,796	.....	3,796
KS	12	1	13	1,292	.....	1,292
KY	31	10	41	1,669	.....	1,669
LA	11	2	13	738	.....	738
ME	8	1	9	663	8	671
MD	6	3	9	1,331	.....	1,331
MA	5	1	6	415	17	432
MI	40	3	43	5,330	18	5,348
MN	95	10	105	9,170	.....	9,170
MS	3	1	4	575	.....	575
MO	25	5	30	2,337	.....	2,337
MT	7	4	11	280	.....	280
NE	15	10	25	1,025	.....	1,025
NV	5	1	6	460	.....	460
NH	5	1	6	328	.....	328
NJ	3	1	4	288	.....	288
NM	13	6	19	4,290	45	4,335
NY	130	17	147	11,581	12	11,593
NC	12	10	22	1,238	.....	1,238
ND	14	2	16	690	.....	690
OH	24	10	34	4,356	.....	4,356
OK	12	4	16	1,220	.....	1,220
OR	21	4	25	1,493	65	1,558
PA	65	11	76	10,506	265	10,771
RI	0.7	.....	0.7	32.3	.....	32.3
SC	2	1	3	369	2	371
SD	12	2	14	1,421	.....	1,421
TN	10	1	11	1,490	.....	1,490
TX	21	1	22	5,583	.....	5,583
UT	10	2	12	1,446	55	1,501
VT	26	5	31	2,668	6	2,674
VA	11	2	13	1,828	.....	1,828
WA	26	1	27	5,109	190	5,299
WV	2	1	3	275	.....	275
WI	229	55	284	22,558	.....	22,558
WY	1.7	0.2	1.9	77.9	.....	77.9
US [5]	1,127	235	1,361	154,924	1,156	156,080

[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.

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Table 8-12.—Milk: Cows, yield per cow, and production in specified countries, 1996–98

Country and continent	Milk cows			Per cow yield			Milk production		
	1996	1997	1998	1996	1997	1998	1996	1997	1998
	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	1,237	1,253	1,242	6,378	6,464	6,602	7,890	8,100	8,200
Mexico	6,440	6,500	6,600	1,178	1,208	1,212	7,586	7,850	8,000
United States	9,372	9,252	9,158	7,466	7,678	7,824	69,971	71,035	71,650
Total	17,049	17,005	17,000	.....	.....	.....	85,447	86,985	87,850
South America:.									
Argentina	2,300	2,400	2,500	3,870	3,775	3,760	8,900	9,060	9,400
Brazil	17,100	17,067	16,900	1,139	1,207	1,280	19,480	20,600	21,630
Chile	720	725	615	2,753	2,913	3,553	1,982	2,112	2,185
Peru	553	575	610	1,320	1,478	1,492	730	850	910
Venezuela	608	600	780	1,974	1,917	1,588	1,200	1,150	1,239
Total	21,281	21,367	21,405	.....	.....	.....	32,292	33,772	35,364
European Union:.									
Austria	698	685	671	4,304	4,467	4,656	3,004	3,060	3,124
Belgium-Luxembourg	682	657	650	5,397	5,571	5,323	3,681	3,660	3,460
Denmark	712	697	695	6,594	6,647	6,705	4,695	4,633	4,660
Finland	399	393	388	6,093	6,260	6,314	2,431	2,460	2,450
France	4,672	4,567	4,476	5,369	5,465	5,518	25,083	24,957	24,700
Germany	5,229	5,195	5,026	5,503	5,525	5,671	28,776	28,700	28,500
Greece	205	200	198	3,341	3,400	3,434	685	680	680
Ireland	1,267	1,272	1,275	4,481	4,421	4,377	5,677	5,623	5,581
Italy	2,100	2,100	2,100	5,143	5,151	5,143	10,800	10,818	10,800
Netherlands	1,664	1,660	1,600	6,618	6,580	7,000	11,013	10,922	11,200
Portugal	366	364	362	4,727	4,890	4,890	1,730	1,780	1,770
Spain	1,350	1,300	1,322	4,370	4,385	4,236	5,900	5,700	5,600
Sweden	466	473	454	7,122	6,983	7,275	3,319	3,303	3,303
United Kingdom	2,130	2,090	2,053	6,873	7,096	7,112	14,640	14,830	14,600
Total	21,940	21,653	21,270	.....	.....	.....	121,434	121,126	120,428
Western Europe:.									
Switzerland	752	742	735	5,128	5,212	5,238	3,856	3,867	3,850
Total	752	742	735	.....	.....	.....	3,856	3,867	3,850
Eastern Europe:.									
Poland	3,442	3,550	3,496	3,396	3,375	3,461	11,690	11,980	12,100
Romania	1,776	1,740	1,690	3,090	3,098	3,124	5,488	5,390	5,280
Total	5,218	5,290	5,186	.....	.....	.....	17,178	17,370	17,380
Former Soviet Union:.									
Russia	17,450	15,900	14,500	2,052	2,145	2,345	35,800	34,100	34,000
Ukraine	7,200	6,265	6,250	2,222	2,179	2,192	16,000	13,650	13,700
Total	24,650	22,165	20,750	.....	.....	.....	51,800	47,750	47,700
South Asia:.									
India [1]	33,500	34,500	35,000	1,000	1,000	1,014	33,500	34,500	35,500
Total	33,500	34,500	35,000	.....	.....	.....	33,500	34,500	35,500
Asia:.									
China	2,071	2,120	2,170	3,040	3,148	3,318	6,296	6,674	7,200
Japan	1,035	1,032	1,022	8,364	8,374	8,366	8,657	8,642	8,550
Total	3,106	3,152	3,192	.....	.....	.....	14,953	15,316	15,750
Oceania:.									
Australia [2]	1,822	1,977	2,002	4,916	4,691	4,823	8,957	9,274	9,655
New Zealand [3]	3,153	3,260	3,270	3,300	3,528	3,560	10,405	11,500	11,640
Total	4,975	5,237	5,272	.....	.....	.....	19,362	20,774	21,295
World total	132,471	131,111	129,810	.....	.....	.....	379,779	381,176	383,789

[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/attaché reports and official statistics.

Table 8-13.—Milk Production: Marketings, income, and value, by States, 1998 (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	382	100	16.50	63,030	...	...	...
AK	13.23	100	20.30	2,686	93	0.90	84
AZ	2,668	100	14.60	389,528	...	...	...
AR	626	100	15.60	97,656	...	...	...
CA	27,169	99	15.01	4,078,067	193,023	1.10	212,325
CO	1,610	100	15.00	241,500	20,930	0.90	18,837
CT	510	100	16.00	81,600	6,047	0.80	4,838
DE	162.1	100	15.70	25,450	...	...	...
FL	2,329	100	18.20	423,878	...	...	...
GA	1,425	100	16.60	236,550	...	...	...
HI	126.3	100	26.36	33,293	...	...	...
ID	5,718	97	14.50	829,110	...	...	...
IL	2,100	96	15.10	317,100	...	...	...
IN	2,157	94	14.80	319,236	...	...	...
IA	3,796	94	15.40	584,584	...	...	...
KS	1,292	98	14.70	189,924	...	...	...
KY	1,669	98	15.50	258,695	...	...	...
LA	738	100	16.20	119,556	...	...	...
ME	663	100	15.80	104,754	3,721	0.57	2,121
MD	1,331	100	15.70	208,967	...	...	...
MA	415	100	16.40	68,060	7,907	0.70	5,535
MI	5,330	99	15.30	815,490	8,372	0.65	5,442
MN	9,170	93	15.55	1,425,935	...	...	...
MS	575	100	16.20	93,150	...	...	...
MO	2,337	95	15.60	364,572	...	...	...
MT	280	100	15.00	42,000	...	...	...
NE	1,025	94	15.10	154,775	...	...	...
NV	460	100	13.80	63,480	...	...	...
NH	328	100	16.30	53,464	...	...	...
NJ	288	100	15.60	44,928	...	...	...
NM	4,290	100	14.80	634,920	20,930	0.88	18,418
NY	11,581	100	15.40	1,783,474	5,581	0.69	3,851
NC	1,238	99	16.90	209,222	...	...	...
ND	690	65	14.30	98,670	...	...	...
OH	4,356	94	15.20	662,112	...	...	...
OK	1,220	100	15.60	190,320	...	...	...
OR	1,493	99	15.50	231,415	30,233	0.60	18,140
PA	10,506	99	15.80	1,659,948	123,256	0.58	71,488
RI	32.3	100	16.30	5,265	...	...	...
SC	369	100	16.40	60,516	930	0.87	809
SD	1,421	61	15.50	220,255	...	...	...
TN	1,490	98	15.90	236,910	...	...	...
TX	5,583	100	15.70	876,531	...	...	...
UT	1,446	92	14.60	211,116	25,581	0.68	17,395
VT	2,668	100	16.00	426,880	2,791	0.69	1,926
VA	1,828	99	16.20	296,136	...	...	...
WA	5,109	100	15.40	786,786	88,372	0.64	56,558
WV	275	99	15.40	42,350	...	...	...
WI	22,558	93	15.50	3,496,490	...	...	...
WY	77.9	80	13.70	10,672	...	...	...
US	154,924	97	15.41	23,871,006	537,767	0.814	437,767

See footnotes at end of table.

Table 8-13.—Milk Production: Marketings, income, and value, by States, 1998 (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	382	16.50	4.51	63,030	1	165	63,195	63,690
AK	13.43	20.63	6.14	2,770	0.4	83	2,853	2,956
AZ	2,668	14.60	4.09	389,528	1	146	389,674	391,280
AR	626	15.60	4.33	97,656	3	468	98,124	99,684
CA	27,584	15.55	4.24	4,290,392	3	467	4,290,859	4,293,969
CO	1,655	15.73	4.35	260,337	7	1,101	261,438	265,685
CT	523	16.53	4.57	86,438	1	165	86,603	87,430
DE	162.1	15.70	4.25	25,450	.....	.....	25,450	25,607
FL	2,329	18.20	5.08	423,878	1	182	424,060	424,788
GA	1,425	16.60	4.60	236,550	1	166	236,716	238,542
HI	126.3	26.36	7.69	33,293	0.9	237	33,530	34,005
ID	5,718	14.50	4.06	829,110	4	580	829,690	835,925
IL	2,100	15.10	4.09	317,100	2	302	317,402	320,271
IN	2,157	14.80	4.03	319,236	10	1,480	320,716	325,156
IA	3,796	15.40	4.13	584,584	10	1,540	586,124	590,282
KS	1,292	14.70	4.04	189,924	1	147	190,071	191,835
KY	1,669	15.50	4.28	258,695	10	1,550	260,245	265,050
LA	738	16.20	4.68	119,556	2	324	119,880	121,662
ME	671	15.93	4.40	106,875	1	159	107,034	108,308
MD	1,331	15.70	4.25	208,967	3	471	209,438	210,380
MA	432	17.04	4.62	73,595	1	170	73,765	74,617
MI	5,348	15.35	4.23	820,932	3	461	821,393	827,533
MN	9,170	15.55	4.20	1,425,935	10	1,555	1,427,490	1,442,263
MS	575	16.20	4.50	93,150	1	162	93,312	93,798
MO	2,337	15.60	4.29	364,572	5	780	365,352	369,252
MT	280	15.00	4.20	42,000	4	600	42,600	43,650
NE	1,025	15.10	4.09	154,775	10	1,510	156,285	158,550
NV	460	13.80	3.84	63,480	1	138	63,618	64,308
NH	328	16.30	4.37	53,464	1	163	53,627	54,442
NJ	288	15.60	4.42	44,928	1	156	45,084	45,552
NM	4,335	15.07	4.29	653,338	6	904	654,242	656,202
NY	11,593	15.42	4.21	1,787,325	17	2,621	1,789,946	1,809,988
NC	1,238	16.90	4.60	209,222	10	1,690	210,912	212,940
ND	690	14.30	3.90	98,670	2	286	98,956	100,958
OH	4,356	15.20	4.12	662,112	10	1,520	663,632	667,280
OK	1,220	15.60	4.39	190,320	4	624	190,944	192,816
OR	1,558	16.02	4.39	249,555	4	641	250,196	253,559
PA	10,771	16.07	4.34	1,731,436	11	1,768	1,733,204	1,743,653
RI	32.3	16.30	4.41	5,265	.....	.....	5,265	5,379
SC	371	16.53	4.52	61,325	1	165	61,490	61,821
SD	1,421	15.50	4.20	220,255	2	310	220,565	222,425
TN	1,490	15.90	4.37	236,910	1	159	237,069	238,659
TX	5,583	15.70	4.40	876,531	1	157	876,688	879,985
UT	1,501	15.22	4.19	228,511	2	304	228,815	230,338
VT	2,674	16.04	4.33	428,806	5	802	429,608	433,777
VA	1,828	16.20	4.45	296,136	2	324	296,460	298,242
WA	5,299	15.92	4.35	843,344	1	159	843,503	847,641
WV	275	15.40	4.17	42,350	1	154	42,504	42,812
WI	22,558	15.50	4.16	3,496,490	55	8,525	3,505,015	3,540,510
WY	77.9	13.70	3.78	10,672	0.2	27	10,699	10,932
US	156,080	15.57	4.25	24,308,773	235	36,568	24,345,341	24,520,387

[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 Branch, (202) 720–6146.

Table 8-14.—Milk Production: Marketings, income and value, United States, 1989–98

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*
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	147,933	12.84	18,998,047	445,674	58.4	260,395
1994	150,678	13.01	19,606,089	588,930	63.6	374,494
1995	152,442	12.78	19,487,042	601,953	64.7	389,311
1996	151,232	14.75	22,307,546	604,279	78.4	473,889
1997	153,405	13.36	20,496,289	601,023	73.3	440,437
1998 [1]	154,924	15.41	23,871,006	537,767	81.4	437,767

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*
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	148,891	12.93	3.53	19,258,442	415	54,699	19,313,144	19,487,104
1994	151,944	13.15	3.59	19,980,583	390	52,378	20,032,961	20,201,639
1995	153,737	12.93	3.53	19,876,353	340	44,522	19,920,875	20,079,217
1996	152,531	14.94	4.05	22,781,435	301	45,304	22,826,739	23,002,715
1997	154,697	13.53	3.70	20,936,726	256	34,854	20,971,580	21,125,886
1998 [1]	156,080	15.57	4.25	24,308,773	235	36,568	24,345,341	24,520,387

[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.

NASS, Livestock Branch, (202) 720–6146.

Table 8-15.—Milk: Quantities used and marketed by farmers, United States, 1989–98

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*
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	1,330	415	1,745	147,933	958	148,891
1994	1,267	390	1,657	150,678	1,266	151,944
1995	1,216	340	1,556	152,442	1,294	153,737
1996	1,175	301	1,476	151,232	1,299	152,531
1997	1,138	256	1,394	153,405	1,292	154,697
1998 [4]	1,127	235	1,361	154,924	1,156	156,080

[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.

NASS, Livestock Branch, (202) 720–6146.

Table 8-16.—Federal milk order markets: Measures of growth, 1989–98 [1]

Year	Number of markets [2]	Population of Federal milk marketing areas [3]	Number of Handlers [2]	Number of Producers [4]	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*
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	571	88,717	108,548	45,004	41.5
1996	32	209,599	570	82,947	104,501	45,479	43.5
1997	31	208,379	570	78,422	105,224	44,917	42.7
1998	31	210,484	523	72,373	99,222	44,973	45.3

Year	Prices at 3.5 percent butterfat content per hundredweight [5]		Receipts as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	Dollars	*Dollars*	*Percent*	*Percent*	*Pounds*	*Dollars*	*1,000 dollars*
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	3,350	157,754	13,995,454
1996	16.19	14.64	72	69	3,442	187,713	15,570,261
1997	14.36	13.10	71	69	3,676	178,424	13,992,366
1998	16.14	14.92	66	64	3,746	196,288	14,206,343

[1] Beginning in 1988, handlers started to elect not to pool substantial volumes of milk that normally would have been pooled under Federal orders. This decision resulted from disadvantageous blend/class price relationships and qualification circumstances. This fact should be kept in mind if year-to-year comparisons are made using the ''producer deliveries'' measures of growth. [2] End of year. [3] End of year. Data for 1990 according to 1990 U.S. census of population. Data for 1988-89, and 1991-98 are estimated. [4] Average for year. [5] Prices are weighted averages.

AMS, Dairy Programs, (202) 720–7461.

Table 8-17.—Dairy products: Quantities manufactured, United States, 1991–98

Product	1991	1992	1993	1994	1995	1996	1997	1998 [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	1,335,782	1,365,164	1,315,198	1,295,942	1,264,474	1,174,475	1,151,250	1,081,879
American cheese:								
Whole milk	2,768,925	2,936,561	2,957,260	2,974,420	3,131,390	3,280,733	3,285,558	3,325,836
Part skim	841	1,177	3,727	24,723	24,008	.....	.....	.....
Swiss cheese	234,489	237,304	231,441	221,243	221,713	219,047	207,583	206,408
Muenster cheese	106,352	116,385	117,468	113,587	109,128	106,815	100,191	94,615
Brick cheese	15,298	15,476	12,488	12,222	10,426	10,647	8,535	7,578
Limburger cheese	715	985	863	849	868	719	746	865
Cream and Neufchatel cheese	446,693	516,654	539,907	573,394	543,789	574,700	614,921	623,544
Blue cheese	34,371	33,307	33,295	36,514	36,593	38,311	42,773	43,944
Hispanic cheese	.....	.....	.....	.....	.....	67,417	68,833	75,993
All Italian varieties of cheese	2,328,624	2,508,577	2,494,521	2,625,702	2,674,390	2,812,397	2,881,445	3,001,106
All other varieties of cheese	118,547	121,865	137,202	152,037	164,591	106,692	119,829	122,014
Total of all cheese	6,054,855	6,488,291	6,528,172	6,734,691	6,916,896	7,217,518	7,330,414	7,501,903
Cottage cheese:								
Curd [2]	490,909	502,411	471,364	463,283	458,918	448,327	458,460	464,889
Creamed [2]	497,928	457,340	430,518	409,954	384,889	360,413	359,525	366,761
Lowfat [2]	321,109	329,504	317,009	321,077	325,928	329,890	346,687	361,876
Sweetened condensed milk:								
Bulk goods:								
Skimmed	125,161	126,380	97,690	56,582	48,610	39,031	46,347	37,810
Unskimmed	132,579	129,704	139,211	118,800	108,949	114,933	134,636	79,766
Unsweetened condensed milk:								
Bulk goods:								
Skimmed	1,122,060	1,196,110	1,269,557	1,333,310	1,121,027	1,015,432	1,000,188	1,055,694
Unskimmed	150,037	162,912	99,034	84,774	93,253	100,407	93,851	91,682
Evaporated and condensed milk:								
Case goods:								
Skimmed	16,952	16,456	22,235	26,664	26,077	28,681	29,836	28,701
Unskimmed	543,094	582,115	534,507	537,881	476,656	463,613	549,129	468,070
Condensed or evaporated buttermilk	39,572	46,026	46,525	34,133	36,977	32,142	30,867	29,771
Dry buttermilk	59,928	61,077	50,988	52,307	54,761	48,777	49,308	52,277
Dry whole milk	106,778	168,322	153,830	166,786	171,317	134,351	122,091	142,523
Nonfat dry milk	877,525	872,123	954,485	1,230,855	1,232,994	1,061,771	1,217,562	1,135,383
Dry skim milk (animal feed)	7,216	9,948	9,802	11,187	9,560	6,279	5,291	4,770
Dry whey	1,167,394	1,237,283	1,196,378	1,211,787	1,147,265	1,116,514	1,136,824	1,179,824
Yogurt plain & fruit flavored	1,052,978	1,153,921	1,285,836	1,392,521	1,645,938	1,588,142	1,574,050	1,616,038
	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, regular [3]	862,638	866,110	866,248	876,097	862,232	878,572	913,770	937,485
Ice cream, lowfat [4]	341,793	328,185	325,346	358,605	356,861	366,126	385,689	409,318
Ice cream, nonfat	.....	.....	.....	.....	43,851	41,426	40,640	43,105
Sherbet (does not include water ices)	47,379	49,940	50,813	54,093	53,496	52,611	53,077	56,365
Frozen yogurt	147,137	134,067	149,933	150,565	152,097	114,168	92,167	87,777

[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] Contains minimum milkfat content of 10 percent and not less than 4.5 pounds per gallon. [4] Includes freezer-made milkshake in most States. Contains less than 10 percent milkfat required for ice cream.

NASS, Livestock Branch, (202) 720–6146.

Table 8-18.—Dairy products: Factory production of specified items, by States, 1997–98

State	Butter		Total American cheese [2]		Total cheese [3]	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
CA	314,207	226,560	476,102	505,762	1,174,171	1,242,889
ID	...	...	427,952	469,781	471,928	514,953
IL	...	...	...	...	120,199	112,307
IA	...	...	102,481	107,903	234,252	245,566
KS	...	...	27,708	...	27,708	...
MA	...	...	...	...	...	1,059
MI	...	...	...	...	...	...
MN	61,070	65,956	541,837	558,401	642,013	616,933
MO	...	...	...	...	166,713	154,700
NE	...	...	...	...	96,151	100,394
NJ	...	...	...	...	41,828	...
NM	...	...	61,523	...	189,686	...
NY	24,501	21,217	93,388	...	616,689	630,865
ND	4,004	4,443	21,284	19,184	21,284	19,184
OH	...	...	32,576	34,571	111,542	120,448
OR	23,212	22,697	50,320	54,087	...	...
PA	61,501	88,618	...	...	342,776	360,562
SD	...	...	50,997	55,697	135,690	136,889
TN	31,122	...	13,407	3,212	...	...
UT	...	...	29,679	30,052	63,531	63,282
VT	...	...	...	...	101,880	...
WA	91,230	71,902	66,659	116,461	121,085	173,365
WI	303,444	303,011	944,003	931,408	2,119,317	2,116,456
Other	236,959	277,475	345,642	439,317	531,971	892,051
US	1,151,250	1,081,879	3,285,558	3,325,836	7,330,414	7,501,903

See footnotes at end of table.

Table 8-18.—Dairy products: Factory production of specified items, by States, 1997–98—Continued

State	Evaporated and sweetened condensed whole milk (case goods)		Nonfat dry milk for human food [4]		Total ice cream, regular	
	1997	1998 [1]	1997	1998 [1]	1997	1998 [1]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
AK	...	...	...	...	...	...
AZ	...	...	...	...	...	5,758
CA	...	...	548,512	507,135	116,151	116,192
CO	...	...	...	...	...	...
FL	...	...	...	...	23,945	25,590
GA	...	...	...	...	...	...
ID	...	...	...	...	7,054	6,455
IL	...	...	...	...	35,482	...
IN	...	...	...	...	61,497	64,251
IA	...	...	58,228	...	...	...
KS	...	...	...	...	3,715	...
KY	...	...	...	...	4,954	...
MD	...	...	...	...	...	...
MI	...	...	...	...	27,973	24,198
MN	...	...	34,261	21,412	41,593	42,521
MO	...	...	...	...	15,096	19,802
NM	...	...	23,723	39,135	4,813	4,622
NY	...	...	...	...	33,353	34,005
NC	...	...	...	...	22,994	21,603
ND	...	...	386	289	1,126	1,141
OH	...	...	...	...	40,972	40,427
OR	...	...	...	...	10,374	10,542
PA	...	...	...	75,426	...	49,118
SC	...	...	...	...	...	10,837
TN	...	...	...	...	14,166	16,957
TX	...	...	...	...	53,393	59,168
UT	...	...	...	...	14,437	12,629
WA	...	...	171,648	140,161	20,670	20,137
WI	...	...	...	...	13,042	11,489
Other	...	...	380,804	351,825	346,970	340,043
US	549,129	468,070	1,217,562	1,135,383	913,770	937,485

[1] Preliminary. [2] Includes Colby, washed curd, high and low moisture Jack, and Monterey. [3] Includes full-skim American cheese; excludes cottage cheese. [4] MN and WI data combined and reported under MN.

NASS, Livestock and Economics Branch, (202) 720–6146.

Table 8-19.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1989–98

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*
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
1997	1,100.00	13.40	3.65	12.17	3.77	13.36	3.66
1998	1,120.00	15.44	3.65	14.33	3.75	15.41	3.66

[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, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 8-20.—Dairy products: Manufacturers' average selling price [1] of specified products, United States, 1989–98

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*
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
1997	107.96	59.49	117.60
1998	105.61	61.62	129.47

[1] Includes milk sold in bulk and in package.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 8-21.—Dairy products: Manufacturers' stocks, end of month, United States, 1997 and 1998

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1997	1998	1997	1998	1997	1998
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	20,640	38,355	7,863	6,629	75,498	104,143
February	20,422	40,024	4,770	6,690	71,227	105,272
March	24,929	39,165	5,203	6,830	80,345	95,315
April	26,132	38,706	4,267	6,672	118,490	113,134
May	34,842	44,346	6,161	8,456	151,167	132,679
June	42,769	47,867	5,131	7,042	173,276	122,658
July	36,901	55,925	5,828	7,285	158,714	115,343
August	40,186	64,186	4,539	6,682	154,550	94,758
September	44,614	62,176	5,766	5,468	133,937	64,441
October	32,117	48,560	5,023	5,082	114,764	47,235
November	28,875	38,135	3,968	6,072	100,615	43,728
December	31,397	35,818	5,605	5,161	103,326	56,255

NASS, Livestock Branch, (202) 720–6146.

Table 8-22.—Milk markets under Federal order program: Whole milk and fat-reduced milk products sold for fluid consumption within defined marketing areas, 1997 [1]

Federal milk order marketing area	Whole milk products [2]		Fat-reduced milk products [3]		Total fluid milk products	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	Million pounds	*Percent*	*Million pounds*	*Percent*	*Million pounds*	*Percent*
NORTH ATLANTIC	4,162	3.25	5,437	1.13	9,599	2.05
New England	990	3.21	1,564	1.06	2,554	1.90
New York-New Jersey	2,171	3.26	2,099	1.14	4,369	2.22
Middle Atlantic	1,002	3.24	1,774	1.18	2,776	1.93
SOUTHEASTERN	4,216	3.23	5,623	1.22	9,839	2.08
Carolina	924	3.09	1,067	1.20	1,991	2.08
Tennessee Valley [4]	179	3.28	374	1.37	553	1.99
Southeast	1,960	3.27	2,639	1.28	4,599	2.13
Upper Florida	321	3.27	516	1.14	837	1.96
Tampa Bay	352	3.29	549	1.08	901	1.94
Southeastern Florida	480	3.30	476	1.06	957	2.19
EAST NORTH CENTRAL	2,661	3.25	8,398	1.35	11,060	1.81
Michigan Upper Peninsula	13	3.11	84	1.41	97	1.64
Southern Michigan	546	3.25	1,277	1.25	1,823	1.88
Eastern Ohio-Western Pa.	436	3.22	1,242	1.40	1,678	1.87
Ohio Valley	486	3.25	1,384	1.44	1,870	1.91
Indiana	229	3.29	927	1.40	1,155	1.77
Chicago Regional	564	3.25	2,151	1.30	2,716	1.70
Central Illinois	33	3.31	168	1.29	202	1.77
S. Ill.-E. Missouri	190	3.21	693	1.41	882	1.76
Louisville-Lex.-Evans.	164	3.28	473	1.39	637	1.88
WEST NORTH CENTRAL	456	3.26	2,811	1.15	3,266	1.44
Upper Midwest	143	3.26	1,337	1.06	1,480	1.27
Eastern South Dakota	11	3.23	100	1.29	111	1.48
Iowa	87	3.29	588	1.20	675	1.46
Nebraska-Western Iowa	83	3.26	389	1.23	472	1.58
Greater Kansas City	132	3.25	397	1.28	529	1.77
WEST SOUTH CENTRAL	2,010	3.29	2,449	1.30	4,459	2.20
Southwest Plains	471	3.28	735	1.04	1,206	2.10
Texas	1,539	3.29	1,714	1.28	3,253	2.23
MOUNTAIN	1,080	3.29	2,407	1.39	3,487	1.98
Eastern Colorado	199	3.30	530	1.32	729	1.86
Western Colorado	20	3.30	58	1.44	78	1.89
S.W. Idaho-E. Oregon	32	3.27	145	1.47	176	1.80
Great Basin	195	3.29	719	1.41	914	1.81
Central Arizona	282	3.26	665	1.41	947	1.96
New Mexico-West Texas	352	3.31	290	1.38	642	2.44
PACIFIC	366	3.24	1,873	1.36	2,239	1.67
Pacific Northwest	366	3.24	1,873	1.36	2,239	1.67
Combined areas	14,952	3.25	28,997	1.26	43,949	1.94

See footnotes at end of table.

Table 8-22.—Milk markets under Federal order program: Whole milk and fat-reduced milk products sold for fluid consumption within defined marketing areas, 1998 [1]—Continued

Federal milk order marketing area	Whole milk products [2]		Fat-reduced milk products [3]		Total fluid milk products	
	Quantity	Butterfat content	Quantity	Butterfat content	Quantity	Butterfat content
	Million pounds	*Percent*	*Million pounds*	*Percent*	*Million pounds*	*Percent*
NORTH ATLANTIC	4,077	3.24	5,435	1.11	9,512	2.02
New England	985	3.16	1,554	1.06	2,539	1.87
New York-New Jersey	2,112	3.26	2,099	1.11	4,211	2.19
Middle Atlantic	981	3.26	1,782	1.16	2,762	1.91
SOUTHEASTERN	3,998	3.28	5,254	1.21	9,252	2.10
Carolina	860	3.26	1,134	1.19	1,994	2.08
Southeast	1,944	3.26	2,588	1.28	4,532	2.13
Upper Florida	344	3.29	516	1.16	860	2.01
Tampa Bay	360	3.31	535	1.09	895	1.98
Southeastern Florida	489	3.31	482	1.07	971	2.20
EAST NORTH CENTRAL	2,702	3.24	8,346	1.34	11,048	1.80
Michigan Upper Peninsula	11	3.28	84	1.33	95	1.56
Southern Michigan	561	3.20	1,264	1.24	1,825	1.84
Eastern Ohio-Western Pa.	433	3.23	1,226	1.39	1,659	1.87
Ohio Valley	486	3.22	1,352	1.43	1,838	1.91
Indiana	238	3.31	928	1.38	1,166	1.77
Chicago Regional	562	3.26	2,153	1.27	2,715	1.68
Central Illinois	34	3.27	168	1.38	202	1.70
S. Ill.-E. Missouri	200	3.21	697	1.36	897	1.77
Louisville-Lex.-Evans.	177	3.30	473	1.38	650	1.90
WEST NORTH CENTRAL	458	3.27	2,822	1.13	3,280	1.43
Upper Midwest	143	3.29	1,346	1.04	1,489	1.25
Eastern South Dakota	11	3.27	100	1.27	111	1.47
Iowa	87	3.30	588	1.18	675	1.45
Nebraska-Western Iowa	83	3.26	387	1.21	471	1.57
Greater Kansas City	133	3.25	401	1.26	534	1.76
WEST SOUTH CENTRAL	2,025	3.29	2,462	1.30	4,487	2.20
Southwest Plains	473	3.29	724	1.33	1,197	2.11
Texas	1,552	3.29	1,738	1.28	3,290	2.23
MOUNTAIN	1,088	3.26	2,385	1.37	3,473	1.96
Eastern Colorado	199	3.26	524	1.31	723	1.85
Western Colorado	22	3.30	61	1.39	83	1.89
S.W. Idaho-E. Oregon	32	3.28	146	1.44	178	1.78
Great Basin	200	3.30	729	1.40	929	1.81
Central Arizona	295	3.20	639	1.37	934	1.95
New Mexico-West Texas	340	3.29	287	1.37	627	2.41
PACIFIC	380	3.26	1,836	1.34	2,216	1.67
Pacific Northwest	380	3.26	1,836	1.34	2,216	1.67
Combined areas	14,728	3.26	28,541	1.25	43,268	1.93

[1] In-area sales include total sales in each of the areas by handlers regulated under the respective order, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated. [2] Plain, flavored, and miscellaneous whole milk products. [3] Plain, fortified, flavored, and miscellaneous fat-reduced milk products, and buttermilk. [4] Effective 10/1/97, the order regulating this marketing area was terminated. Data are for January-September and are included in regional and combined areas totals.

AMS, Dairy Programs, (202) 720–7461.

Table 8-23.—Milk: Supply and utilization, United States, 1989–98 [1]

Item	1989	1990	1991	1992	1993
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Milk production	143,893	147,721	147,697	150,847	150,636
Net imports of ingredients (milk equivalent) [3]	183	195	102	145	127
Net change in storage cream (milk equivalent) [4]	-2	-4	0	-5	5
Total supply	144,074	147,912	147,799	150,987	150,768
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent	28,486	29,391	30,039	30,478	29,493
Milk equivalent of butter from whey cream	3,961	4,348	4,296	4,150	4,500
Net milk equivalent	24,525	25,043	25,743	26,328	24,993
Cheese:					
American	26,605	28,964	27,950	29,263	29,415
Other	16,943	18,404	18,819	20,195	20,456
Cottage cheese, creamed	704	672	644	592	557
Canned milk:					
Evaporated and sweetened condensed	1,144	1,332	1,194	1,872	1,178
Bulk condensed whole milk:					
Unsweetened	428	351	364	417	244
Sweetened	215	243	236	301	324
Dry whole milk	1,286	1,292	785	1,227	1,130
Ice cream and other frozen dairy products, total milk equivalent	14,600	14,321	14,818	14,191	14,058
Milk equivalent of butter and condensed milk used in ice cream	2,069	2,014	2,092	2,367	1,995
Net milk equivalent	12,531	12,307	12,726	11,824	12,063
Other manufactured products [5]	357	332	356	188	199
Total manufactured products	84,738	88,940	88,817	92,207	90,559
Available for use in fluid products:					
Sold by dealers	54,235	54,435	54,815	54,244	54,361
Sold by producers directly to consumers [6]	1,038	953	981	1,050	958
Total available for fluid products [7]	55,273	55,388	55,796	55,294	55,319
Used on farms where produced:					
Fed to calves	1,496	1,484	1,480	1,436	1,330
Used for farm-churned butter	563	512	494	455	415
Total used on farms	2,059	1,996	1,974	1,892	1,745
Residual [8]	1,822	1,396	1,110	1,594	3,145
Total utilization	143,893	147,721	147,697	150,987	150,768

See footnotes at end of table.

Table 8-23.—Milk: Supply and utilization, United States, 1989–98 [1]—Continued

Item	1994	1995	1996	1997	1998 [2]
	Million pounds	*Million pounds*	*Million pounds*	*Million pounds*	*Million pounds*
Milk production	153,602	155,292	154,006	156,091	157,441
Net imports of ingredients (milk equivalent) [3]	148	144	185	168	529
Net change in storage cream (milk equivalent) [4]	-1	1	NA	NA	NA
Total supply	153,749	155,437	154,191	156,259	157,970
Utilization (milk equivalent):					
Used in manufactured products:					
Creamery butter, total milk equivalent	29,127	28,388	26,187	25,714	24,248
Milk equivalent of butter from whey cream	4,592	4,735	4,911	4,939	5,070
Net milk equivalent	24,535	23,653	21,276	20,775	19,178
Cheese:					
American	29,651	31,175	32,551	32,760	33,146
Other	21,492	21,412	21,386	22,400	23,610
Cottage cheese, creamed	524	494	461	(7)	.....
Canned milk:					
Evaporated and sweetened condensed	1,184	1,049	1,013	1,208	1,030
Bulk condensed whole milk:					
Unsweetened	205	203	242	227	220
Sweetened	277	254	266	276	186
Dry whole milk	1,227	1,262	983	898	1,045
Ice cream and other frozen dairy products, total milk equivalent	15,265	15,094	15,248	15,856	16,496
Milk equivalent of butter and condensed milk used in ice cream	2,083	2,053	2,058	2,116	2,173
Net milk equivalent	13,182	13,041	13,190	13,740	14,323
Other manufactured products [5]	216	252	217	686	697
Total manufactured products	92,493	92,795	91,585	92,970	93,435
Available for use in fluid products:					
Sold by dealers	53,583	55,114	55,565	55,382	55,176
Sold by producers directly to consumers [6]	1,266	1,294	1,299	1,292	1,156
Total available for fluid products [7]	54,849	56,408	56,864	56,674	56,332
Used on farms where produced:					
Fed to calves	1,267	1,216	1,175	1,138	1,127
Used for farm-churned butter	390	340	301	256	235
Total used on farms	1,657	1,556	1,476	1,394	1,361
Residual [8]	4,750	4,678	4,266	5,221	6,842
Total utilization	153,749	155,437	154,191	156,259	157,970

[1] Milk production plus the milk equivalent (ME) of net imports of dairy manufacturing ingredients and net out-of-storage movement of cream equals total supply. Data on milk used in manufacturing products are based on total milkfat required to produce the products and include the milk equivalent of any imported dairy ingredients used. [2] Preliminary. [3] Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures. [4] 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. [5] Includes cottage cheese, anhydrous milkfat, butter oil, butterine, and cottage cheese beginning in 1997. [6] Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds. [7] Total sales in U.S. (USDA-AMS). [8] Residual, includes minor miscellaneous uses and any inaccuracies in production, utilization estimates, or milk equivalent conversions. [9] Cottage cheese included in other manufactured products beginning 1997. NA-not available.

NASS, Livestock Branch, (202) 720–6146.

Table 8-24.—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, 1997 and 1998

Federal milk order marketing area	Class I price per hundredweight [1]		Blend price per hundredweight [1 2]		Average number of producers		Total producer deliveries	
	1998	1997	1998	1997	1998	1997	1998	1997
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Number*	*Number*	*Million Pounds*	*Million Pounds*
NORTH ATLANTIC								
New England [3]	16.81	15.03	15.61	13.74	3,799	3,896	5,780	5,452
New York-New Jersey [4]	16.72	14.92	15.40	13.47	9,845	10,300	11,905	11,772
Middle Atlantic [5]	16.60	14.81	15.17	13.40	4,688	5,000	6,295	6,481
SOUTHEASTERN								
Carolina [6]	16.63	14.87	16.14	14.34	1,800	1,574	2,987	2,798
Tenn. Valley [7 8]	.....	14.29	.....	13.80	.....	1,563	.....	1,061
Southeast [9]	16.65	14.89	16.13	14.27	4,537	4,285	5,882	5,651
Florida Markets [10]	17.41	15.68	16.82	15.05	272	287	2,807	2,909
EAST NORTH CENTRAL								
Mich. Upper Penin. [11 12]	14.90	13.12	14.66	12.85	84	81	63	66
Southern Mich. [12 13]	15.34	13.53	14.62	12.75	3,024	3,319	4,325	4,382
East. Ohio-W. Pa. [12 14]	15.60	13.79	14.82	12.94	3,150	3,474	3,301	3,318
Ohio Valley [12 15]	15.61	13.82	14.77	13.05	2,468	2,640	2,976	3,036
Indiana [12 16]	15.46	13.69	14.82	13.11	1,593	1,688	1,932	1,960
Chicago Regional [12 17]	14.93	13.17	13.85	12.25	12,788	14,472	10,894	12,799
Central Illinois [12 18]	15.23	13.39	14.94	13.11	223	207	199	186
S. Ill.-E. Mo. [12 19]	15.47	13.70	14.66	12.94	1,564	1,971	1,800	1,952
Louis.-Lex.-Evans.	15.63	13.93	15.23	13.52	1,716	1,596	1,333	1,189
WEST NORTH CENTRAL								
Upper Midwest [12 20]	14.82	12.98	13.57	12.16	10,052	10,804	7,118	8,612
Iowa [12 21 22]	15.31	13.56	14.07	12.54	2,913	3,143	2,647	2,732
Nebr.-W. Iowa [12 23]	15.31	13.53	14.17	12.59	1,143	1,297	1,545	1,619
G. Kans. City [12 24]	.....	.....	15.40	13.54	452	416	543	495
WEST SOUTH CENTRAL								
Southwest Plains [12 25]	16.36	14.53	15.23	13.38	2,253	2,400	2,940	3,079
Texas [12 26]	16.72	14.94	15.37	13.60	1,444	1,609	5,843	6,369
MOUNTAIN								
E. Colorado [12 27]	16.31	14.51	15.16	13.20	269	373	1,638	1,759
SW. Idaho-E. Oreg. [12 28]	15.07	13.27	13.47	11.89	375	390	1,439	2,220
Great Basin. [12 29]	15.48	13.67	14.70	12.71	523	568	2,029	2,360
Central Arizona [12 30]	16.09	14.30	14.90	13.03	101	103	2,545	2,436
New Mex.-W.Texas [12 31]	15.91	14.12	14.31	12.77	150	155	1,834	2,109
PACIFIC								
Pacific Northwest [12 32]	15.47	13.68	14.75	12.66	1,149	1,202	6,623	6,417

See footnotes at end of table.

Table 8-24.—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, 1997 and 1998—Continued

Federal milk order marketing area	Producer Deliveries used in CL. I		Class I utilization		Daily deliveries per producer		Average fat test	
	1998	1997	1998	1997	1998	1997	1998	1997
	Million Pounds	*Million Pounds*	*Percent*	*Percent*	*Pounds*	*Pounds*	*Percent*	*Percent*
NORTH ATLANTIC								
New England [3]	2,697	2,600	46.7	47.7	4,170	3,834	3.70	3.70
New York-New Jersey [4]	4,845	4,716	40.7	40.1	3,314	3,132	3.65	3.66
Middle Atlantic [5]	2,720	2,950	43.2	45.5	3,685	3,548	3.68	3.64
SOUTHEASTERN								
Carolina [6]	2,425	2,231	81.2	79.7	4,607	4,914	3.66	3.66
Tenn. Valley [7 8]	.....	824	.....	77.7	.....	2,494	.....	3.52
Southeast [9]	4,695	4,273	79.8	75.6	3,584	3,626	3.60	3.58
Florida Markets [10]	2,442	2,460	87.0	84.6	28,468	28,069	3.58	3.57
EAST NORTH CENTRAL								
Mich. Upper Penin. [11 12]	52	51	81.9	77.2	2,087	2,241	3.68	3.68
Southern Mich. [12 13]	2,093	2,050	48.4	46.8	3,922	3,617	3.63	3.64
East. Ohio-W. Pa. [12 14]	1,734	1,731	52.5	52.2	2,872	2,617	3.71	3.71
Ohio Valley [12 15]	1,641	1,655	55.1	54.5	3,299	3,152	3.70	3.69
Indiana [12 16]	1,204	1,215	62.3	62.0	3,335	3,183	3.67	3.70
Chicago Regional [12 17]	2,696	2,747	24.8	21.5	2,283	2,390	3.71	3.75
Central Illinois [12 18]	159	148	79.7	79.5	2,453	2,476	3.72	3.74
S. Ill.-E. Mo. [12 19]	1,013	1,034	56.3	53.0	3,148	2,705	3.70	3.72
Louis.-Lex.-Evans.	1,043	912	78.3	76.7	2,130	2,072	3.62	3.62
WEST NORTH CENTRAL								
Upper Midwest [12 20]	1,640	1,609	23.0	18.7	2,974	2,699	3.70	3.74
Iowa [12 21 22]	926	671	35.0	.....	3,154	2,858	3.71	3.72
Nebr.-W. Iowa [12 23]	621	612	40.2	37.8	4,319	3,766	3.69	3.70
G. Kans. City [12 24]	.....	.....	.....	.....	3,390	3,281	3.70	3.69
WEST SOUTH CENTRAL								
Southwest Plains [12 25]	1,446	1,466	49.2	47.6	3,584	3,527	3.62	3.62
Texas [12 26]	3,215	3,282	55.0	51.5	11,161	10,805	3.56	3.56
MOUNTAIN								
E. Colorado [12 27]	834	813	50.9	46.2	17,157	13,300	3.59	3.59
SW. Idaho-E. Oreg. [12 28]	185	183	12.8	8.3	21,927	20,457	3.59	3.56
Great Basin. [12 29]	897	880	44.2	37.3	10,562	11,394	3.60	3.59
Central Arizona [12 30]	999	1,019	39.3	41.8	68,924	64,934	3.57	3.56
New Mex.-W.Texas [12 31]	638	648	34.8	30.7	34,042	37,289	3.52	3.53
PACIFIC								
Pacific Northwest [12 32]	2,112	2,134	31.9	33.3	15,790	14,642	3.65	3.64

[1] Prices are for milk of 3.5 percent butterfat content and for the major city or pricing point in the marketing area. [2] For those markets which have multiple component pricing, the prices represent the Basic Formula Price plus the weighted average differential price or producer price differential computed under the order. [3] Zone 1 (Boston). Price at 201-210 mile zone: Class I and blend are 72 cents less. [4] New York metropolitan area. Prices at 201-210 mile zone: Class I and blend 72 cents less. [5] Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. [6] Charlotte. [7] Bristol, Chattanooga, and Knoxville. [8] Effective 10/1/97, the order regulating this marketing area was terminated. Figures for 1997 are for January-September. [9] Zone 7 (Atlanta and Birmingham). [10] Price data are for Tampa Bay. Remaining data are a summation or weighted average of the data for the Tampa Bay, Upper Florida, and Southeastern Florida marketing areas. The data are combined in order to mask restricted data. [11] Zone II (Marquette). [12] Because the blend price adjusted for location was equal to or less than the Class II, III, or III-A price in certain zones of these markets in some months, in 1997 and 1998 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 toDetroit 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] For August-October 1997, the data for producer deliveries used in Class I were restricted and therefore excluded from the applicable annual figures. [23] Zone 1 (Omaha). [24] Kansas City and Topeka. Note: Price data are for Greater Kansas City. Other data are a summation or weighted average of the data for the Greater Kansas City, and Eastern South Dakota, marketing areas. Class I receipts and utilization data are restricted. [25] Zone I (Oklahoma City). [26] Zone I (Dallas). [27] Denver. Note: Price data are for Eastern Colorado. Other data are a summation or weighted average of the data for the Eastern Colorado and Western Colorado marketing areas. [28] Boise, Idaho. [29] Salt Lake City, Utah. [30] Phoenix. [31] Albuquerque, Santa Fe, and El Paso. [32] Zone I (Seattle and Portland).

AMS, Dairy Programs, (202) 720-7461.

Table 8-25.—Fluid milk and cream: Total and per capita consumption, United States, 1989–98 [1]

Year	Consumption		Year	Consumption	
	Total	Per capita		Total	Per capita
	Billion pounds	*Pounds*		*Billion pounds*	*Pounds*
1989	58.3	236	1994	58.9	226
1990	58.2	233	1995	58.7	223
1991	58.8	233	1996	59.3	224
1992	58.8	230	1997	59.2	221
1993	58.2	226	1998	59.1	218

[1] Sales of beverage, cream, and specialty fluid products plus farm household use.

ERS, Animal Products Branch, (202) 694–5180.

Table 8-26.—Dairy products: Average price per pound for specified products, 1994–98

Item and market	1994	1995	1996	1997	1998
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Butter, bulk, wholesale selling prices, Chicago:					
Grade AA	0.7068	0.8188	1.0824	1.1625	([1])
Grade A	0.6737	0.7559	1.0035	1.0706	([1])
Butter [2] Chicago Mercantile Exchange:					
Grade AA.					
High	0.7575	1.1000	1.5300	1.9500	2.8100
Low	0.6500	0.6500	0.7200	0.9000	1.1250
Grade A					
High	0.7100	1.0300	1.4700	1.8200	([1])
Low	0.6300	0.6300	0.6400	0.8000	([1])
Cheese, Cheddar, f.o.b. Midwest Commodity Cheddar: [3]					
Barrels	TFEWR	TFEWR	1.4172	1.2523	1.5174
40-pound blocks	1.3145	1.3277	1.4914	1.3240	1.5808
Cheese, cheddar, [2] National Cheese Exchange, Inc.: [4]					
Barrels:					
High	1.3725	1.3825	1.6675	1.3625	1.8600
Low	1.1650	1.1725	1.1475	1.1225	1.2000
40-pound blocks:					
High	1.3975	1.4225	1.6950	1.4350	1.9000
Low	1.1825	1.2000	1.1875	1.1500	1.1800
Nonfat dry milk, f.o.b.plant, Western States Production Area: [5]					
Low/medium heat	1.0460	1.0549	1.1708	1.0715	1.0549
High heat	1.0639	1.0721	1.2049	1.0979	1.0852
Whey Powder, f.o.b. plant, Western Production Area:					
Edible (nonhygroscopic)	0.1835	0.2075	0.2202	0.2260	0.2373

TFEWR:Too few to report; one or more monthly averages was not available. [1] These price series were discontinued in June 1998. [2] Prices represent high and low for the year. [3] Effective June 1, 1998 this price series was renamed from Wisconsin Assembly Points. [4] Trading on the National Cheese Exchange ended on 4/25/97. After this date, trading of Cheddar cheese occurred on the Chicago Mercantile Exchange. [5] Over this time period, the product reported in this price series has changed as follows. In April 1994, the low/medium heat and high heat treatments were reported separately; figures shown are the average for April-December.

AMS, Dairy Programs, (202) 720–7461.

Table 8-27.—Dairy products: Total disappearance, and total and per capita consumption, United States, 1989–98 [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*
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	7,094	6,994	26.8	734	668	2.6
1995	1,329	1,186	4.5	7,279	7,174	27.3	699	608	2.3
1996	1,190	1,148	4.3	7,478	7,365	27.7	696	617	2.3
1997	1,156	1,115	4.2	7,647	7,511	28.0	772	694	2.6
1998	1,131	1,123	4.2	7,807	7,673	28.4	673	597	2.2

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*
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	97	.36	1,081	1,005	3.8
1997	4,386	4,386	16.4	126	102	.38	1,171	908	3.4
1998	4,500	4,500	16.6	149	121	.45	1,120	885	3.3

[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.

ERS, Animal Products Branch, (202) 694–5180.

Table 8-28.—Dairy products: Dec. 31 stocks, United States, 1989–98

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*
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
1997	20,788	480,779	32,466	5,605	124,864
1998	25,910	517,647	36,495	5,161	151,482

[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.

ERS, Animal Products Branch, (202) 694–5180.

Table 8-29.—Butter: Production in specified countries, 1996–98

Continent and country	1996	1997	1998 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	93	89	86
Mexico	13	15	15
United States	533	522	491
Total	639	626	592
South America:			
Argentina	52	49	52
Brazil	70	72	70
Total	122	121	122
Europe:			
Austria	42	41	40
Belgium and Luxembourg	97	97	105
Denmark	56	50	48
Finland	54	50	52
France	462	466	463
Germany	480	442	427
Greece	5	5	5
Ireland	150	145	140
Italy	81	81	81
Netherlands	122	134	150
Portugal	21	23	22
Spain	23	23	24
Sweden	30	33	33
United Kingdom	129	139	137
Total	1,752	1,729	1,727
Other Europe:			
Switzerland	40	39	40
Total	40	39	40
Eastern Europe:			
Poland	160	178	180
Romania	13	11	9
Total	173	189	189
Former USSR:			
Russia	290	280	270
Ukraine	163	109	110
Total	453	389	380
North Africa:			
Egypt	7	8	9
Total	7	8	9
Southeast Asia:			
India [2]	1,400	1,470	1,600
Total	1,400	1,470	1,600
Asia:			
Japan	86	87	89
Total	86	87	89
Oceania:			
Australia [3]	153	147	164
New Zealand [4]	309	307	343
Total	462	454	507
Grand total	5,134	5,112	5,255

[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.

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 8-30.—Dairy products: United States imports by type of product, 1989–98

Year	Dried milk [1]	Cheese				Butter [4]	Casein [5]
		Swiss [2]	Cheddar [3]	Other	Total		
	Metric tons	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*	*Metric tons*
1989	1,196	26,495	5,737	94,369	126,601	2,038	84,266
1990	810	30,563	8,970	97,553	137,086	1,464	88,082
1991	1,339	27,556	8,726	100,211	136,493	1,374	89,307
1992	1,238	24,466	8,186	97,013	129,665	947	94,892
1993	1,268	29,265	9,130	107,346	145,741	1,706	80,827
1994	1,593	29,554	7,802	119,349	156,705	1,245	96,008
1995	1,128	28,047	9,472	116,877	154,396	697	93,433
1996	3,968	29,420	12,393	111,457	153,270	4,783	98,547
1997	6,080	25,094	11,566	104,825	141,485	10,956	102,404
1998 [6]	8,223	28,865	21,844	117,721	168,430	31,919	111,267

[1] Includes whole and skimmed milk. [2] Includes Emmenthaler with eye-formation. [3] Includes American and Colby cheese. [4] Includes butter oil. [5] Includes caseinates. [6] Preliminary.

FAS, Dairy, Livestock, and Poultry Division, (202) 720–3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-31.—Cheese: Production in specified countries, 1996–98

Continent and country	1996	1997	1998 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*
North America:			
Canada	289	329	328
Mexico	110	112	127
United States	3274	3345	3403
Total	3,673	3,786	3,858
South America:			
Argentina	390	415	420
Brazil	385	405	421
Venezuela	77	70	66
Total	852	890	890
EU:			
Austria	81	87	91
Belgium and Luxembourg	64	73	74
Denmark	298	290	289
Finland	83	79	80
France	1594	1645	1648
Germany	947	988	1,008
Greece	195	190	210
Ireland	92	89	92
Italy	950	985	985
Netherlands	688	693	630
Portugal	66	65	64
Spain	160	162	164
Sweden	127	115	115
United Kingdom	364	374	658
Total EU	5,730	5,857	5,808
Other Western Europe:			
Switzerland	133	136	140
Total	133	136	140
Eastern Europe:			
Poland	133	158	180
Romania	92	95	94
Total	225	253	274
Former USSR:			
Russia	173	165	170
Ukraine	60	45	44
Total	233	210	214
North Africa:			
Egypt	325	370	380
Total	325	370	380
Asia:			
Japan	33	34	35
Total	33	34	35
Oceania:			
Australia [2]	268	285	285
New Zealand [3]	230	240	305
Total	498	525	571
World total	11,702	12,040	12,187

[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 8-32.—Dairy products: United States imports by country of origin, 1996–98

Commodity and country of origin	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cheese, all types:			
Canada	4,938	4,720	7,149
Argentina	2,322	6,027	6,794
Austria	2,977	1,311	1,721
Belgium and Luxembourg	811	1,062	1,147
Denmark	1,105	1,147	1,147
Finland	6,412	5,507	5,945
France	11,183	13,743	12,860
Germany, Fed. Rep. of	6,564	5,824	7,811
Greece	2,146	1,982	2,059
Ireland	3,648	2,526	2,570
Italy	27,581	25,673	25,254
Netherlands	9,578	7,911	10,520
Portugal	575	620	459
Sweden	445	529	632
United Kingdom	9,207	2,740	5,505
Norway	6,561	7,323	8,123
Switzerland	5795	5,801	6,033
Israel	1,166	663	610
Czech Republic	140	68	246
Hungary	447	310	939
Poland	4,667	2,693	2,590
Australia	5,799	6,364	7,420
New Zealand	18,857	19,744	27,723
Other countries	20,346	17,197	23,173
Total	153,270	141,485	168,430
Cheese, cheddar [2]:			
Canada	956	1,125	1,658
Denmark	112	10	4
Ireland	154	129	271
United Kingdom	540	246	747
Australia	2,468	2,142	3,273
New Zealand	7,652	7,638	15,556
Other countries	511	276	335
Total	12,393	11,566	21,844
Cheese, Swiss [3]:			
Canada	1,151	346	369
Austria	1,832	758	1,279
Denmark	1,946	1,545	1,428
Finland	6,297	5,450	5,872
France	1,138	1,180	1,430
Germany, Fed. Rep. of	4,625	3,235	3,862
Netherlands	95	203	395
Norway	6,345	6,828	7,518
Switzerland	3,711	3,776	3,896
Other countries	2,280	1,773	2,816
Total	29,420	25,094	28,865

[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 8-33.—Dairy products: Exports by principal exporting countries, 1996–98 [1]

Commodity and country	1996	1997	1998 [2]
	Metric tons	*Metric tons*	*Metric tons*
Butter:			
United States	19	18	8
Belgium/Luxembourg	18	18	17
Denmark	21	21	17
France	46	34	32
Germany, Fed. Rep of	12	25	9
Ireland	24	19	20
Netherlands	30	34	36
Poland	11	3	3
Australia [3]	75	111	105
New Zealand [4]	230	315	315
Other	155	147	129
Total	641	745	691
Cheese [5]:			
United States	32	38	37
Denmark	85	84	73
France	112	96	99
Germany, Fed. Rep . of	113	135	93
Italy	42	45	50
Netherlands	101	87	71
Switzerland	57	61	63
Australia [3]	111	125	149
New Zealand [4]	173	236	232
Other	115	103	102
Total	941	1,010	969

Commodity and country	1996	1997	1998 [2]
	Metric tons	*Metric tons*	*Metric tons*
Milk, dried whole:			
United States	18	10	12
Argentina	55	62	80
Belgium/Luxembourg	60	26	30
Denmark	82	85	84
France	122	138	155
Ireland	25	24	26
Netherlands	177	153	165
United Kingdom	56	53	83
Australia [3]	93	109	109
New Zealand [4]	275	346	359
Other	42	56	47
Total	1,005	1,062	1,150
Milk, nonfat dry milk:			
Canada	33	30	31
United States	32	117	104
Belgium/Luxembourg	58	42	40
France	37	39	30
Germany, Fed. Rep. of	43	47	33
Ireland	34	50	31
Netherlands	26	47	28
Poland	77	112	90
Australia [3]	167	205	197
New Zealand [4]	150	215	197
Other	110	140	147
Total	767	1,044	928

[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 8-34.—Dairy products: United States exports by type of product, 1989–98

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*
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	20,795	32,428	39,580	16,181	18,422	39,765
1997	15,025	37,436	9,344	48,609	62,070	36,767
1998 [1]	8,951	36,848	8,026	51,294	72,916	38,206

[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 8-35.—Dairy products: United States exports by country of destination, 1996–98

Commodity and country of destination	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
Cheese, all types:			
Canada	3,467	4,130	3,949
Mexico	4,766	5,547	6,184
Brazil	2,585	1,980	1,468
Venzuela	366	662	1,617
United Kingdom	759	712	830
Saudai Arabia	817	794	517
Philippines	421	762	938
Korea	4,069	4,819	1,273
Hong Kong	310	473	503
Taiwan	297	274	480
Japan	6,797	5,990	7,161
Other countries	7,843	11,416	11,928
Total	32,497	37,559	36,848
Ice cream:			
Canada	3,111	4,618	5,416
Mexico	5,658	6,555	6,909
United Kin	1,830	2,252	2,238
Russia	2,508	1,868	739
Korea	2,869	2,031	829
Hong Kong	4,020	2,422	2,498
Japan	11,232	9,700	12,243
Others	8,505	7,456	7,334
Total	39,733	36,902	38,206

Commodity and country of destination	1996	1997	1998 [1]
	Metric tons	*Metric tons*	*Metric tons*
Milk, nonfat dry:			
Mexico	5,442	1,850	14,578
Dominican Rep.	122	4,515	4,531
Colombia	306	1,731	1,495
Algeria	2,167	5,553	8,240
Egypt	973	4,346	5,311
Thailand	928	6,026	3,616
Vietnam	56	3,564	3,759
Indonesia	34	6,131	425
Philippines	1,865	6,811	4,167
Taiwan	100	447	162
Other countries	6,461	21,160	26,632
Total	18,454	62,134	72,916
Dry whey:			
Canada	27,001	21,314	22,153
Mexico	13,601	14,819	15,942
Thailand	2,607	4,050	4,380
Philippines	5,230	7,158	6,808
China	4,703	7,905	11,310
Korea	6,105	9,694	10,799
Taiwan	10,664	7,645	4,793
Japan	17,741	11,715	10,903
Other countries	21,738	19,661	12,042
Total	109,390	103,961	99,130

[1] Preliminary.

FAS, Dairy, Livestock and Poultry Division, (202) 720–3761. Compiled from reports of the U.S. Department of Commerce.

Table 8-36.—Dairy products: Price-support operations, United States, 1990–99

Marketing year [1]	Manufacturing milk		Product purchase price per pound [2]		
	Support level	Average price received by farmers per cwt.	Butter [3]	Cheddar cheese [4]	Nonfat milk, spray process [5]
	At national average milkfat test, per cwt.				
	Dollars	*Dollars*	*Cents*	*Cents*	*Cents*
1989–90	(6) 10.10	13.28	(6) 109.25	(6) 111.00	79.00
	.....	.....	(7) 98.25	111.00	(7) 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
	.....	.....	(8) 87.25	(8) 111.375	(8) 91.20
	.....	.....	(9) 76.25	(9) 111.75	(9) 97.30
1992–93	10.10	11.60	76.25	111.75	97.30
	.....	.....	(10) 65.00	(10) 112.00	(10) 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
	(11) 10.35	(12) 13.50	65.00	(11) 114.50	(11) 106.50
1996–97	10.35	.....	65.00	114.50	106.50
	(13) 10.20	11.88	65.00	(12) 113.00	(12) 104.70
1997–98	10.20	.....	65.00	113.00	104.70
	(14) 10.05	13.28	65.00	(14) 111.50	(14) 102.80
1998–99	10.05	.....	65.00	111.50	102.80
	(15) 9.90	14.04	65.00	(15) 110.00	(15) 101.00

[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 April 1, 1989. [7] Effective July 1, 1989. [8] Effective January 1, 1990. [9] Effective April 21, 1990. [10] Effective January 17, 1992. [11] Effective May 13, 1992. [12] Effective July 7, 1993. [13] Effective January 1, 1996. [14] Basic Formula Price began May 1995 to date. [15] Effective January 1, 1997. [16] Effective January 1, 1998.

FSA, Dairy & Sweeteners Analysis, (202) 720–5653.

Table 8-37.—Chickens: Number and value, United States, Dec. 1, 1990–99 [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*
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	135,093	163,432	33,159	46,694	7,369	385,747	2.34	902,815
1995	133,841	165,230	34,004	47,365	7,637	388,077	2.41	934,905
1996	138,048	165,874	33,518	48,054	7,243	392,737	2.65	1,039,071
1997	140,966	171,171	35,578	54,766	7,549	410,030	2.72	1,113,183
1998	151,298	170,420	39,664	55,981	7,682	425,045	2.69	1,143,835
1999 [2]	151,914	177,391	38,587	58,775	9,659	436,326	2.65	1,154,840

[1] Does not include commercial broilers. [2] Preliminary.

NASS Livestock Branch, (202) 720-3570.

Table 8-38.—Chickens: Layers, by State and United States, Dec. 1, 1998–99

State	Layers					
	Layers 1 year ould and older		Layers 20 weeks old but less than 1 year		Total	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	4,479	4,782	6,156	5,713	10,635	10,495
AR	5,010	5,448	9,722	10,365	14,732	15,813
CA	14,350	13,568	11,558	11,647	25,908	25,215
CO	2,250	1,052	1,487	2,748	3,737	3,800
CT	1,227	1,396	1,863	1,697	3,090	3,093
DE	207	473	177	1,055	384	1,528
FL	6,179	5,659	4,900	5,012	11,079	10,671
GA	8,410	7,990	13,139	12,950	21,549	20,940
HI	408	404	199	184	607	588
ID	615	582	312	369	927	951
IL	1,880	1,580	1,049	1,880	2,929	3,460
IN	11,324	10,786	10,876	12,150	22,200	22,936
IA	11,903	12,890	13,232	14,147	25,135	27,037
KS	1,052	915	547	565	1,599	1,480
KY	1,550	1,655	2,200	2,045	3,750	3,700
LA	670	770	1,322	1,172	1,992	1,942
ME	2,511	2,210	2,710	2,391	5,221	4,601
MD	1,517	1,609	2,131	1,895	3,648	3,504
MA	183	69	259	275	442	344
MI	3,310	2,174	2,441	4,013	5,751	6,187
MN	5,400	6,535	6,840	6,430	12,240	12,965
MS	2,085	2,150	4,503	4,643	6,588	6,793
MO	4,295	3,330	2,395	2,854	6,690	6,184
MT	50	45	240	245	290	290
NE	6,046	6,064	4,567	5,778	10,613	11,842
NH	42	42	87	92	129	134
NJ	1,113	685	756	1,365	1,869	2,050
NY	1,530	1,510	2,080	2,230	3,610	3,740
NC	4,126	3,653	7,325	7,674	11,451	11,327
OH	14,377	17,433	15,730	13,899	30,107	31,332
OK	1,620	1,600	2,420	2,400	4,040	4,000
OR	1,755	1,416	1,210	1,480	2,965	2,896
PA	10,401	11,061	12,254	11,727	22,655	22,788
RI	32	8	45	43	77	51
SC	2,211	2,778	2,534	2,100	4,745	4,878
SD	1,825	108	410	2,007	2,235	2,115
TN	510	240	780	941	1,290	1,181
TX	6,759	9,236	10,848	8,929	17,607	18,165
UT	1,000	974	830	1,320	1,830	2,294
VT	30	40	202	208	232	248
VA	1,292	708	2,453	2,707	3,745	3,415
WA	2,513	2,092	2,538	2,563	5,051	4,655
WV	305	306	832	850	1,137	1,156
WI	1,796	2,020	1,742	2,231	3,538	4,251
WY	8	8	4	4	12	12
Other States [2]	1,142	1,860	515	398	1,657	2,258
US	151,298	151,914	170,420	177,391	321,718	329,305

[1] Preliminary. [2] AK, AZ, and NV combined to avoid disclosure of individual operations.

NASS, Livestock Branch, (202) 720–3570.

Table 8-39.—Chickens: Pullets not of laying age and other chickens, by State and United States, Dec. 1, 1998–99

State	Pullets 13 weeks old and older but less than 20 weeks		Pullet chicks and pullets under 13 weeks of age		Other chickens	
	1998	1999 [1]	1998	1999 [1]	1998	1999 [1]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
AL	1,980	2,036	2,419	2,477	1,034	1,124
AR	3,252	2,852	4,316	4,530	1,200	2,578
CA	1,500	2,430	2,500	3,523	85	80
CO	180	210	550	300	130	169
CT	206	309	653	516	10	73
DE	40	36	43	183	28	33
FL	707	644	1,262	1,467	93	60
GA	3,693	3,504	4,531	4,303	1,353	1,253
HI	77	70	63	63	0	0
ID	85	157	240	187	4	6
IL	197	222	329	416	29	26
IN	1,977	2,214	5,133	4,393	47	64
IA	2,958	2,756	3,134	3,471	39	64
KS	162	134	127	134	2	2
KY	580	857	780	823	190	270
LA	475	295	95	277	88	116
ME	477	558	1,115	1,066	4	9
MD	337	246	580	942	38	76
MA	0	29	51	46	1	0
MI	286	537	704	1,060	3	3
MN	1,025	1,130	2,240	2,470	70	60
MS	1,938	1,440	1,759	2,059	724	784
MO	832	412	1,105	1,665	183	182
MT	24	44	65	75	1	1
NE	1,186	203	1,420	1,801	0	0
NH	6	36	49	51	31	27
NJ	144	144	84	43	0	0
NY	570	690	500	545	20	25
NC	2,010	1,901	2,990	2,985	769	922
OH	3,252	3,620	5,600	5,435	51	51
OK	400	570	720	500	220	240
OR	250	264	258	546	3	8
PA	2,490	2,462	3,204	2,520	105	115
RI	1	1	0	0	0	0
SC	506	332	215	610	133	141
SD	400	154	10	171	0	0
TN	360	367	475	437	130	170
TX	2,500	1,890	3,760	3,850	533	495
UT	268	245	98	345	0	0
VT	13	25	0	0	1	1
VA	672	681	549	298	177	247
WA	940	914	977	663	1	1
WV	265	463	340	411	114	140
WI	328	301	715	845	34	40
WY	2	2	2	2	1	1
Other States [2]	113	200	221	271	3	2
US	39,664	38,587	55,981	58,775	7,682	9,659

[1] Preliminary. [2] AK, AZ, NV, NM and ND combined to avoid disclosure of individual operations.

NASS, Livestock Branch, (202) 720-3570.

Table 8-40.—Chickens: Number, value per head, and total value, by State and United States, Dec. 1, 1998–99 [1]

State	Number		Value per bird		Total value	
	1998	1999 [2]	1998	1999 [2]	1998	1999 [2]
	1,000 head	*1,000 head*	*Dollars*	*Dollars*	*1,000 dollars*	*1,000 dollars*
AL	16,068	16,132	5.20	5.40	86,388	87,113
AR	23,500	25,773	5.10	5.10	119,850	131,442
CA	29,993	31,248	2.10	1.80	62,985	56,246
CO	4,597	4,479	2.40	2.70	11,033	12,093
CT	3,959	3,991	2.30	2.10	9,106	8,381
DE	495	1,780	4.00	2.60	1,980	4,628
FL	13,141	12,842	2.30	2.30	30,224	29,537
GA	31,126	30,000	3.30	3.40	102,716	102,000
HI	747	721	2.50	2.30	1,868	1,658
ID	1,256	1,301	1.90	2.00	2,386	2,602
IL	3,484	4,124	1.60	1.60	5,574	6,598
IN	29,357	29,607	1.60	1.50	46,971	44,411
IA	31,266	33,328	1.50	1.50	46,899	49,992
KS	1,890	1,750	1.50	1.50	2,835	2,625
KY	5,300	5,650	2.20	2.60	11,660	14,690
LA	2,650	2,630	2.50	2.80	6,625	7,364
ME	6,817	6,234	2.40	2.20	16,361	13,715
MD	4,603	4,768	1.70	2.00	7,825	9,536
MA	494	419	2.20	2.70	1,087	1,131
MI	6,744	7,787	1.40	1.50	9,442	11,681
MN	15,575	16,625	1.80	1.70	28,035	28,263
MS	11,009	11,076	5.60	5.10	61,650	56,488
MO	8,810	8,443	2.90	2.90	25,549	24,485
MT	380	410	2.90	2.90	1,102	1,189
NE	13,219	13,846	2.10	1.70	27,760	23,538
NH	215	248	2.60	3.00	559	744
NJ	2,097	2,237	3.00	1.40	6,291	3,132
NY	4,700	5,000	1.70	1.40	7,990	7,000
NC	17,220	17,135	4.60	5.00	79,212	85,675
OH	39,010	40,438	2.00	1.90	78,020	76,832
OK	5,380	5,310	4.30	5.40	23,134	28,674
OR	3,476	3,714	1.90	1.40	6,604	5,200
PA	28,454	27,885	1.70	1.80	48,372	50,193
RI	78	52	2.00	2.30	156	120
SC	5,599	5,961	2.60	2.70	14,557	16,095
SD	2,645	2,440	2.10	2.20	5,555	5,368
TN	2,255	2,155	4.90	5.80	11,050	12,499
TX	24,400	24,400	2.80	2.80	68,320	68,320
UT	2,196	2,884	1.60	1.40	3,514	4,038
VT	246	274	2.60	2.40	640	658
VA	5,143	4,641	4.80	4.60	24,686	21,349
WA	6,969	6,233	2.00	1.70	13,938	10,596
WV	1,856	2,170	5.40	5.30	10,022	11,501
WI	4,615	5,437	2.10	2.00	9,692	10,874
WY	17	17	2.10	2.00	36	34
Oth Sts [3]	1,994	2,731	1.79	1.66	3,576	4,532
US	425,045	436,326	2.69	2.65	1,143,835	1,154,840

[1] Excludes commercial broilers. [2] Preliminary. [3] AK, AZ, NV, NM and ND combined to avoid disclosure of individual operations.

NASS, Livestock Branch, (202) 720-3570.

Table 8-41.—Poultry Meat: Total imports by specified countries, 1995–99

Continent and country	1995	1996	1997	1998	1999 [1]
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
North America:					
Canada	105	115	128	136	130
Mexico	163	189	210	231	238
United States	0	2	3	3	2
Total	268	306	341	370	370
South America:					
Argentina	20	30	48	65	57
Brazil	0	0	0	0	0
Colombia	11	14	29	17	17
Guatemala	8	8	10	11	12
Honduras	1	1	4	4	4
Venezuela	4	0	0	0	0
Total	44	53	91	97	90
European Union: [2]					
France	16	18	18	24	20
Germany	133	160	130	130	130
Italy	16	15	12	11	11
Netherlands	12	40	43	52	45
Spain	20	25	24	21	25
United Kingdom	6	23	29	32	36
Total	203	281	256	270	267
Eastern Europe:					
Bulgaria	4	4	12	24	26
Hungary	0	0	0	14	10
Poland	34	44	61	51	40
Romania	26	7	19	66	34
Total	64	55	92	155	110
Former Soviet Union:					
Russia	870	1,116	1,283	820	600
Ukraine	40	97	57	51	36
Total	910	1,213	1,340	871	636
Middle East:					
Kuwait	55	57	59	52	55
Saudi Arabia	290	288	294	279	265
Turkey	0	0	0	0	0
United Arab Emirates	100	105	112	119	102
Total	445	450	465	450	422
Africa:					
Egypt	4	2	2	2	2
South Africa	153	96	110	87	82
Total	157	98	112	89	84
Asia:					
China	625	650	780	804	850
Hong Kong	695	799	871	915	1,150
India	0	0	0	0	0
Indonesia	2	11	1	1	3
Japan	549	559	508	509	543
Malaysia	5	4	4	5	8
Philippines	1	1	3	4	22
Korea, Republic	36	38	41	19	49
Singapore	61	70	66	60	66
Taiwan	2	6	6	11	27
Thailand	0	0	0	0	0
Total	1,976	2,138	2,280	2,328	2,718
Grand total	4,067	4,594	4,977	4,630	4,697

[1] Estimated. [2] EU trade excludes intra-EU trade.

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, inter-agency analysis, and related information.
FAS, Dairy, Livestock and Poultry Division, (202) 720–8031.

Table 8-42.—Poultry Meat: Total exports by specified countries, 1995–99

Continent and country	1995	1996	1997	1998	1999 [1]
	1,000 tons	*1,000 tons*	*1,000 tons*	*1,000 tons*	*1,000 tons*
North America:					
Canada	67	75	94	115	89
Mexico	0	0	0	0	0
United States	1,969	2,324	2,565	2,515	2,444
Total	2,036	2,399	2,659	2,630	2,533
South America:					
Argentina	8	10	17	18	20
Brazil	435	582	665	631	724
Colombia	0	0	0	0	0
Guatemala	1	0	0	0	0
Honduras	0	0	0	0	0
Venezuela	3	8	7	9	0
Total	447	600	689	658	744
European Union: [2]					
France	449	466	439	505	469
Germany	27	15	24	27	30
Italy	17	17	13	15	15
Netherlands	182	188	209	211	219
Spain	3	2	5	7	12
United Kingdom	61	74	92	87	83
Total	739	762	782	852	828
Eastern Europe:					
Bulgaria	4	8	7	10	11
Hungary	108	109	109	125	130
Poland	17	21	23	46	25
Romania	1	1	1	1	1
Total	130	139	140	182	167
Former Soviet Union:					
Russia	5	18	15	6	6
Ukraine	3	6	10	15	20
Total	8	24	25	21	26
Middle East:					
Kuwait	1	1	1	1	1
Saudi Arabia	17	25	24	20	20
Turkey	5	6	5	5	10
United Arab Emirates	50	55	62	63	50
Total	73	87	92	89	81
Africa:					
Egypt	0	0	0	0	0
South Africa	1	2	5	13	15
Total	1	2	5	13	15
Asia:					
China	328	371	367	355	400
Hong Ko	489	568	583	609	823
India	0	0	0	0	0
Indones	1	1	1	3	3
Japan	3	3	3	3	3
Malaysia	4	2	2	6	3
Philippines	0	0	0	0	0
Korea, Rep	0	0	0	0	2
Singapore	7	9	10	4	4
Taiwan	5	5	5	3	3
Thailand	177	169	199	285	285
Total	1,014	1,128	1,170	1,268	1,526
Oceana:					
Australia	10	10	11	17	15
Total	10	10	11	17	15
Grand total	4,458	5,151	5,573	5,730	5,935

[1] Estimated. [2] EU trade excludes intra-EU trade.

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, interagency analysis, and related information.

FAS, Dairy, Livestock and Poultry Division, (202) 720–8031.

Table 8-43.—Total poultry meat: Production in specified countries, 1995–99

Continent and country	1995	1996	1997	1998	1999 [1]
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
North America:					
Canada	861	893	916	962	1,004
Mexico	1,554	1,600	1,615	1,710	1,809
United States	13,786	14,522	14,952	15,128	15,981
Total	16,201	17,015	17,483	17,800	18,794
South America:					
Argentina	700	680	780	875	895
Brazil	4,140	4,144	4,562	4,600	5,105
Colombia	537	623	647	651	678
Guatemala	104	111	117	123	129
Honduras	41	42	53	59	60
Venezuela	410	391	395	380	375
Total	5,932	5,991	6,554	6,688	7,242
European Union:					
France	2,083	2,206	2,259	2,320	2,310
Germany	633	638	682	719	740
Italy	1,123	1,151	1,177	1,195	1,135
Netherlands	641	700	715	737	739
Spain	910	950	901	905	916
United Kingdom	1,394	1,443	1,502	1,513	1,516
Total	6,784	7,088	7,236	7,389	7,356
Eastern Europe:					
Bulgaria	97	102	96	107	109
Hungary	368	365	372	400	400
Poland	367	410	460	530	540
Romania	160	180	155	73	68
Total	992	1,057	1,083	1,110	1,117
Former Soviet Union:					
Russia	859	705	630	640	640
Ukraine	235	218	186	210	200
Total	1,094	923	816	850	840
Middle East:					
Kuwait	20	22	24	27	29
Saudi Arabia	309	340	438	445	454
Turkey	390	480	590	620	675
United Arab Emirates	20	21	22	23	24
Total	739	863	1,074	1,115	1,182
Africa:					
Egypt	360	380	455	500	520
South Africa	692	826	829	1,015	1,118
Total	1,052	1,206	1,284	1,515	1,638
Asia:					
China	8,440	9,630	10,400	10,700	10,900
Hong Kong	94	90	88	58	81
India	578	665	630	665	680
Indonesia	876	947	900	450	570
Japan	1,282	1,249	1,234	1,218	1,195
Malaysia	631	662	695	643	615
Philippines	399	464	496	491	495
Korea, Republic of	415	459	450	422	440
Singapore	60	59	58	61	66
Taiwan	630	668	739	728	746
Thailand	825	890	955	980	1,005
Total	14,230	15,783	16,645	16,416	16,793
Oceania:					
Australia	500	503	533	585	603
Total	500	503	533	585	603
Grand total	47,524	50,429	52,708	53,468	55,565

[1] Preliminary.

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, inter-agency analysis, and related information.

FAS, Production Estimates and Crop Assessment Division, (202) 720–8031.

Table 8-44.—Mature Chickens: Lost, sold for slaughter, and value of sales, 1998 (preliminary) [1]

State	Number lost [2]	Number sold [3]	Pounds sold [3]	Price per pound [3]	Value of sales [3]
	1,000 head	*1,000 head*	*1,000 pounds*	*Dollars*	*1,000 dollars*
AL	1,750	9,200	65,320	0.175	11,431
AR	3,264	11,812	86,228	0.096	8,278
CA	3,373	13,749	48,122	0.034	1,636
CO	550	2,170	9,331	0.030	280
CT	562	2,345	8,677	0.017	148
DE	59	267	1,522	0.129	196
FL	2,570	4,667	18,201	0.058	1,056
GA	2,806	15,590	109,130	0.169	18,443
HI	196	236	779	0.151	118
ID	86	508	1,930	0.036	69
IL	322	2,152	7,962	0.027	215
IN	3,200	12,200	41,480	0.020	830
IA	4,339	10,907	37,084	0.024	890
KS	168	791	2,373	0.020	47
KY	449	1,787	11,258	0.113	1,272
LA	241	976	5,661	0.069	391
ME	530	3,485	13,243	0.017	225
MD	822	1,869	8,037	0.062	498
MA	58	410	1,558	0.017	26
MI	466	3,086	12,653	0.027	342
MN	2,300	6,100	21,960	0.026	571
MS	1,460	5,702	41,625	0.174	7,243
MO	820	4,827	21,239	0.096	2,039
MT	38	192	768	0.020	15
NE	1,900	5,530	22,120	0.024	531
NH	25	134	630	0.017	11
NJ	152	725	2,465	0.036	89
NM	257	490	1,666	0.005	8
NY	327	3,030	13,332	0.021	280
NC	1,800	9,825	68,775	0.070	4,814
ND	50	150	600	0.026	16
OH	4,127	16,654	59,954	0.024	1,439
OK	876	2,820	17,484	0.096	1,678
OR	291	1,349	4,587	0.010	46
PA	5,200	12,935	46,566	0.073	3,399
RI	8	53	201	0.016	3
SC	1,036	2,497	12,735	0.111	1,414
SD	635	900	3,420	0.020	68
TN	210	962	6,349	0.133	844
TX	3,681	10,404	50,980	0.039	1,988
UT	164	1,021	4,084	0.030	123
VT	15	140	574	0.016	9
VA	509	2,867	17,775	0.070	1,244
WA	648	3,209	10,911	0.020	218
WV	222	1,024	5,018	0.130	652
WI	843	1,853	7,597	0.051	387
WY	1	11	37	0.050	2
Other States [4]	22	157	567	0.035	20
Total US	53,428	193,768	934,568	0.080	75,542

[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 Branch, (202) 720–6351.

Table 8-45.—Broilers: Production and value, United States, 1989–98 [1]

Year	Production		Price per pound [2]	Value of production
	Number	Weight		
	Thousands	*1,000 pounds*	*Cents*	*1,000* dollars
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	7,596,760	36,479,100	38.1	13,903,479
1997	7,764,200	37,540,750	37.7	14,158,926
1998 [3]	7,934,280	38,553,600	39.3	15,144,551

[1] Broilers are young chickens of the meat-type strains, 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 Branch, (202) 720–6351.

Table 8-46.—Mature Chickens: Lost, sold for slaughter, price, and value, United States, 1989–98 [1]

Year	Number		Pounds (live weight) sold [3]	Price per pound live weight [3]	Value of sales [3]
	Lost [2]	Sold [3]			
	Thousands head	*Thousands head*	*1,000 pounds*	*Dollars*	*1,000 dollars*
1989	36,076	199,735	943,732	0.151	142,409
1990	34,854	208,362	985,007	0.096	94,392
1991	36,390	198,534	953,281	0.076	72,199
1992	35,126	207,689	978,255	0.091	89,105
1993	34,962	198,032	964,356	0.100	96,409
1994	35,621	197,012	992,840	0.074	73,050
1995	61,060	179,503	924,036	0.065	60,153
1996	60,435	174,299	900,652	0.066	59,187
1997	49,256	190,986	925,499	0.077	71,461
1998	53,428	193,768	934,568	0.080	75,542

[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.

NASS, Livestock Branch, (202) 720–6146.

Table 8-47.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1991–2000

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*
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	80
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	27,041	510	27,570	647	5,048	614	22,541	84
1998 [2]	27,612	525	28,137	614	5,099	717	22,942	85
1999 [4]	29,415	553	29,968	717	5,112	803	24,765	91
2000 [4]	30,858	.....	31,411	803	5,240	895	26,097	95

[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 8-48.—Broilers: Production, price, and value, by States, 1997 and 1998 [1]

State	1997				1998 [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	906,200	4,349,800	0.380	1,652,924	921,800	4,516,800	0.400	1,806,720
AR	1,164,600	5,590,100	0.375	2,096,288	1,170,600	5,618,900	0.380	2,135,182
CA	237,300	1,210,200	0.390	471,978	.....	.....	.....	.....
DE	256,900	1,413,000	0.375	529,875	259,800	1,428,900	0.390	557,271
FL	132,400	595,800	0.385	229,383	129,000	632,100	0.400	252,840
GA	1,182,800	5,914,000	0.385	2,276,890	1,202,500	5,892,300	0.405	2,386,382
HI	1,000	4,400	0.520	2,288	1,000	4,400	0.525	2,310
KY	110,600	497,700	0.370	184,149	172,000	842,800	0.395	332,906
MD	295,300	1,417,400	0.375	531,525	290,900	1,367,200	0.390	533,208
MI	640	2,900	0.365	1,059	580	2,800	0.365	1,022
MN	46,300	240,800	0.375	90,300	42,300	207,300	0.390	80,847
MS	720,300	3,313,400	0.370	1,225,958	722,400	3,467,500	0.395	1,369,663
MO	250,000	1,075,000	0.375	403,125	255,000	1,096,500	0.380	416,670
NE	1,600	8,200	0.375	3,075	1,200	7,200	0.390	2,808
NY	1,400	7,000	0.390	2,730	1,900	9,900	0.410	4,059
NC	665,000	3,657,500	0.375	1,371,563	653,000	3,591,500	0.395	1,418,643
OH	45,800	229,000	0.365	83,585	46,000	234,600	0.390	91,494
OK	197,400	868,600	0.375	325,725	216,000	993,600	0.380	377,568
OR	21,700	108,500	0.385	41,773	.....	.....	.....	.....
PA	135,200	689,500	0.375	258,563	135,500	691,100	0.385	266,074
SC	182,800	829,900	0.385	319,512	180,500	848,400	0.395	335,118
TN	138,600	623,700	0.380	237,006	159,200	716,400	0.395	282,978
TX	455,100	2,093,500	0.370	774,595	480,000	2,160,000	0.390	842,400
VA	259,400	1,219,200	0.365	445,008	263,300	1,263,800	0.385	486,563
WA	38,800	194,000	0.385	74,690	.....	.....	.....	.....
WV	90,800	381,400	0.365	139,211	89,600	358,400	0.400	143,360
WI	32,900	157,900	0.375	59,213	34,100	163,700	0.365	59,751
Other States [4]	193,360	848,350	0.385	326,935	506,100	2,437,500	0.393	958,714
Total [5]	7,764,200	37,540,750	0.377	14,158,926	7,934,280	38,553,600	0.393	15,144,551

[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] 1997 - IA, IL, IN, LA, and ME. 1998 - CA, IA, IL, IN, LA, ME, OR, and WA. [5] Excludes States producing less than 500,000 broilers.

NASS, Livestock Branch, (202) 720–6351.

Table 8-49.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1989–98

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*
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	1,577,782
1996	8,078,159	401,640	8,479,799	18.60	53.80	19.50	1,611,380
1997	8,321,634	424,543	8,746,177	19.70	53.10	20.60	1,756,004
1998	8,495,093	438,393	8,933,486	20.40	54.50	21.30	1,855,382

[1] Excludes egg-type cockerels destroyed.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 8-50.—Poultry: Feed-price ratios, United States, 1989–98

Year	Ratios [1]			Year	Ratios [1]		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed	Broiler-feed	Turkey-feed
	Pounds	*Pounds*	*Pounds*		*Pounds*	*Pounds*	*Pounds*
1989	10.5	5.0	6.0	1994	8.5	5.2	6.6
1990	11.1	4.9	6.5	1995	8.8	5.1	6.3
1991	10.4	4.9	6.6	1996	8.6	4.4	5.3
1992	8.4	5.1	6.4	1997	8.8	4.7	5.7
1993	9.4	5.3	6.5	1998	9.7	6.3	6.7

[1] Number of pounds of poultry feed equivalent in value at local market prices to 1 dozen market eggs, or 1 pound of broiler or 1 pound of turkey live weight. Simple average of monthly feed-price ratios. Egg feed= corn (75 lbs) and soybeans (25 lbs); broiler feed= corn (58 lbs); soybeans (42 lbs); turkey feed= corn (51 lbs), soybeans (28 lbs), and wheat (21 lbs).Monthly equivalent prices of commercial prepared feeds are based on current U.S. prices received for corn, soybeans, and wheat.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 8-51.—Poultry: Slaughtered under Federal inspection, by class, United States, 1996–98

Class	Number inspected			Pounds inspected (live weight)		
	1996	1997	1998	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Young chickens	7,546,250	7,735,903	7,837,684	36,034,815	37,207,401	38,054,849
Mature chickens	153,609	167,635	169,297	800,594	839,202	865,381
Total chickens	7,699,858	7,903,539	8,006,980	36,835,409	38,046,603	38,920,229
Young turkeys	291,034	288,400	271,055	6,881,123	6,908,440	6,674,862
Old turkeys	2,068	1,762	1,882	53,301	45,387	49,135
Fryer-roaster turkeys	188	68	76	1,697	658	660
Total turkeys	293,290	290,230	273,013	6,936,121	6,954,485	6,724,657
Ducks	20,663	21,978	23,477	137,624	146,534	154,796
Other poultry	.....	.....	.....	13,417	17,733	14,582
Total poultry	.....	.....	.....	43,922,572	45,165,355	45,814,264

Class	Pounds certified (ready-to-cook)			Pounds condemned		
				Ante-mortem (live weight)		
	1996	1997	1998	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Young chickens	26,336,303	27,270,741	27,862,680	135,661	130,531	167,654
Mature chickens	486,812	509,247	523,592	12,885	13,893	15,455
Total chickens	26,823,115	27,779,987	28,386,272	148,546	144,424	183,109
Young turkeys	5,424,111	5,442,835	5,242,720	20,280	20,052	18,517
Old turkeys	40,208	34,597	37,400	491	313	413
Fryer-roaster turkeys	1,297	482	472	7	2	3
Total turkeys	5,465,617	5,477,914	5,280,593	20,778	20,367	18,934
Ducks	99,040	104,414	110,075	130	149	188
Other poultry	7,575	10,134	8,367	74	94	56
Total poultry	32,395,346	33,372,449	33,785,306	169,528	165,033	202,287

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1996	1997	1998
	Thousands	*Thousands*	*Thousands*
Young chickens	551,558	571,738	600,661
Mature chickens	46,347	51,506	50,805
Total chickens	597,905	623,244	651,465
Young turkeys	132,962	136,311	130,558
Old turkeys	3,303	2,540	2,990
Fryer-roaster turkeys	34	21	22
Total turkeys	136,299	138,872	133,569
Ducks	2,307	2,954	3,289
Other poultry	155	177	155
Total poultry	736,665	765,246	788,479

NASS, Livestock Branch, (202) 720–6146.

Table 8-52.—Chickens and turkeys: Number classified as ''U.S. Pullorum-Typhoid Clean,'' and number and percentage of reactors, United States, 1989–98

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*
1989	47	51,438	341	0.0206	47	5,412,869	0	0.0000
1990	47	48,821	6	0.0000	47	5,442,994	0	0.0000
1991	47	48,820	6	0.0000	47	5,443,000	0	0.0000
1992	47	49,534	11	0.0000	47	5,160,884	0	0.0000
1993	47	49,628	0	0.0000	47	5,339,500	0	0.0000
1994	47	52,668	0	0.0000	47	4,949,240	0	0.0000
1995	48	58,019	0	0.0000	48	4,679,984	0	0.0000
1996	48	58,191	0	0.0000	48	5,905,799	0	0.0000
1997	48	62,402	0	0.0000	48	5,301,183	0	0.0000
1998	48	81,636	0	0.0000	48	5,548,802	0	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 8-53.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1991–2000

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*
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	5,412	328	606	415	4,720	17.6
1998 [3]	5,215	415	446	304	4,880	18.0
1999 [4]	5,230	304	371	252	4,911	18.0
2000 [4]	5,332	252	390	350	4,944	18.0

[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 8-54.—Turkeys: Production, and value, United States, 1989–98

Year	Number raised [1]	Pounds (live weight) produced	Price per pound live weight	Value of production
	Thousands	*1,000 pounds*	*Cents*	*1,000 dollars*
1989	261,394	5,467,629	40.9	2,235,145
1990	282,445	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	286,585	6,540,295	40.4	2,643,057
1995	292,356	6,761,327	41.0	2,769,397
1996	302,713	7,222,834	43.3	3,124,496
1997	301,251	7,225,059	39.9	2,884,377
1998 [2]	283,503	7,002,768	38.0	2,661,706

[1] Total poults hatched less death loss of poults and young turkeys during the year. [2] Preliminary.

NASS, Livestock Branch, (202) 720–6146.

Table 8-55.—Turkeys: Production and value, by State, 1998 [1]

State	Number raised [2]	Pounds produced	Price per pound [3]	Value of production
	1,000 head	*1,000 pounds*	*Dollars*	*1,000 dollars*
AR	28,000	495,600	0.40	198,240
CA	19,000	442,700	0.41	181,507
CT	5	130	1.00	130
IL	3,200	80,960	0.39	31,574
IN	13,500	352,350	0.39	137,417
MD & DE	600	15,000	0.43	6,450
MA	80	2,040	1.25	2,550
MN	44,500	1,027,950	0.35	359,783
MO	22,000	598,400	0.40	239,360
NH	14	336	1.40	470
NJ	71	1,512	0.80	1,210
NY	500	11,950	0.40	4,780
NC	50,000	1,270,000	0.37	469,900
ND	1,800	41,580	0.35	14,553
OH	5,500	178,750	0.33	58,988
PA	10,500	233,100	0.38	88,578
SC	10,600	356,160	0.38	135,341
SD	3,800	123,120	0.35	43,092
VT	41	984	1.04	1,023
VA	26,000	533,000	0.39	207,870
WV	4,300	88,150	0.39	34,379
Other States [4]	39,492	1,148,996	0.39	444,511
US	283,503	7,002,768	38.0	2,661,706

[1] Preliminary. [2] Based on turkeys placed Sep. 1, 1997, through Aug. 31, 1998. Excludes young turkeys lost. [3] Live weight equivalent price. [4] CO, GA, IA, KS, MI, NE, OK, OR, TX, UT, and WI combined to avoid disclosing individual operations.

NASS, Livestock Branch, (202) 720–6146.

Table 8-56.—Turkeys: Poults placed by commercial hatcheries, United States, 1989–98

Year	Total all breeds	Year	Total all breeds
	Thousands		*Thousands*
1989	290,678	1994	317,468
1990	304,863	1995	321,651
1991	308,083	1996	327,213
1992	307,823	1997	321,487
1993	308,871	1998	297,798

NASS, Livestock Branch, (202) 720–6146.

Table 8-57.—Turkeys: Poults placed by commercial hatcheries, U.S. and regions, Monthly, 1997 and 1998

Month	United States			1998				
	1997	1998	1998 as percent of 1997	East North Central	West North Central	North and South Atlantic	South Central	West
	Thousands	*Thousands*	*Percent*	*Thousands*	*Thousands*	*Thousands*	*Thousands*	*Thousands*
All breeds:								
Jan	27,121	26,240	97	3,437	7,885	9,151	3,421	2,346
Feb	27,145	25,093	92	3,378	7,356	8,575	3,090	2,694
Mar	27,610	26,362	95	3,543	8,648	8,816	2,851	2,504
Apr	28,220	25,747	91	3,809	8,063	8,316	2,802	2,757
May	29,111	25,677	88	3,454	8,063	8,090	2,998	3,072
June	28,381	26,957	95	3,610	9,055	8,777	2,714	2,801
July	30,092	26,247	87	3,845	8,566	7,533	2,805	3,498
Aug	26,321	24,450	93	3,569	7,813	7,854	2,647	2,567
Sept	23,907	21,124	88	3,358	6,974	6,901	2,430	1,461
Oct	24,587	22,749	93	3,802	7,175	7,519	2,537	1,716
Nov	23,281	22,167	95	3,287	7,397	6,940	2,744	1,799
Dec	25,711	24,985	95	3,623	8,844	7,657	2,770	2,091
Total	321,487	297,798	93	42,715	95,839	96,129	33,809	29,306

NASS, Livestock Branch, (202) 720–6146.

Table 8-58.—Eggs: Production in specified countries, 1994–98

Continent and country	1994	1995	1996	1997	1998 [1]
	Million pieces	*Million pieces*	*Million pieces*	*Million pieces*	*Million pieces*
North America:					
Canada	5,736	5,792	5,881	5,931	6,040
Mexico	25,896	25,760	26,045	28,170	29,000
United States	74,136	74,592	76,452	77,515	79,764
Total	105,768	106,144	108,378	111,616	114,804
South America:					
Brazil	13,460	16,065	15,932	12,596	13,600
Colombia	6,357	6,912	7,182	7,411	7,782
Total	19,817	22,977	23,114	20,007	21,382
European Union:					
Belgium and Luxembourg	3,600	3,858	3,700	3,615	3,488
Denmark	1,382	1,474	1,500	1,600	1,600
France	16,370	16,911	16,500	16,084	16,250
Germany [2]	13,960	13,838	13,922	14,025	14,075
Greece	2,500	2,600	2,650	2,640	2,640
Ireland	605	610	539	544	550
Italy	11,599	12,017	11,923	12,298	12,290
Netherlands	10,306	9,970	9,879	10,092	10,492
Portugal	1,831	1,869	1,797	1,779	1,700
Spain	9,670	9,983	8,952	9,450	9,250
United Kingdom	10,620	10,644	10,668	10,752	10,480
Total	82,443	83,774	82,030	82,879	82,815
Eastern Europe:					
Poland	6,100	6,500	6,600	7,700	8,300
Romania	3,300	3,650	5,200	4,750	4,700
Total	9,400	10,150	11,800	12,450	13,000
Former Soviet Union:					
Russia	37,400	33,720	31,500	31,900	35,000
Ukraine	10,145	9,500	8,633	8,246	8,400
Total	47,545	43,220	40,133	40,146	43,400
Middle East:					
Turkey	7,900	8,000	8,500	9,100	9,750
Total	7,900	8,000	8,500	9,100	9,750
Asia:					
China	281,010	301,860	312,640	336,000	345,000
Hong Kong	18	21	15	17	12
India	24,800	27,300	29,000	29,500	31,000
Japan	43,047	42,167	42,786	42,588	42,400
Korea, Republic of	8,094	8,317	8,640	8,790	8,458
Taiwan	5,673	6,237	6,828	7,636	7,950
Thailand	7,530	7,700	8,100	8,900	8,500
Total	370,172	393,602	408,009	433,431	443,320
Grand total	643,045	667,867	681,964	709,629	728,471

[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) 720–8031.

Table 8-59.—Eggs: Supply, distribution, and per capita consumption, United States, 1991–2000 [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*
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	6,231	15	4	209	847	11	5,182	236
1996	6,358	11	5	253	864	9	5,269	238
1997	6,473	9	7	228	895	7	5,359	240
1998 [4]	6,658	7	6	219	922	8	5,522	245
1999 [5]	6,911	8	7	159	974	8	5,819	256
2000 [5]	7,080	8	4	160	1,000	5	5,927	258

[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 8-60.—Eggs: Number of layers and pullets, rate of lay, and production, by State and United States, 1998 and 1999 [1]

State	1998			1999		
	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	10,885	230	2,507	10,649	230	2,450
AR	14,721	220	3,233	15,189	228	3,458
CA	25,161	263	6,608	25,523	259	6,606
CO	3,658	258	945	3,537	260	921
CT	3,095	271	839	3,074	269	828
DE	392	235	92	994	259	257
FL	10,129	251	2,539	10,675	260	2,772
GA	21,034	244	5,126	21,039	246	5,172
HI	632	244	154.4	615	242	149.0
ID	907	273	248	918	278	255
IL	3,156	266	838	3,238	271	876
IN	21,787	268	5,831	22,035	265	5,838
IA	23,044	259	5,969	25,623	264	6,754
KS	1,443	271	392	1,501	258	387
KY	3,517	245	863	3,795	243	922
LA	1,925	247	475	1,915	251	481
ME	4,789	287	1,373	4,743	286	1,356
MD	3,315	262	867	3,343	267	894
MA	479	290	139	392	278	109
MI	5,318	262	1,395	5,856	262	1,533
MN	12,032	262	3,152	12,310	255	3,138
MS	6,776	230	1,555	6,759	232	1,569
MO	6,644	261	1,732	6,390	265	1,690
MT	290	290	84	290	324	94
NE	10,398	260	2,706	11,167	254	2,837
NH	159	263	42	134	251	34
NJ	2,051	238	488	1,915	286	547
NY	3,473	284	986	3,633	280	1,017
NC	11,280	227	2,555	11,316	229	2,587
OH	28,037	266	7,446	30,730	267	8,193
OK	4,007	231	927	4,050	233	945
OR	2,853	266	758	2,902	267	774
PA	22,049	271	5,983	22,634	271	6,135
RI	4,640	256	1,189	4,908	248	1,215
SC	2,265	273	618	2,171	273	592
SD	77	286	22	57	263	15
TN	1,289	232	299	1,217	225	274
TX	17,079	249	4,257	17,382	254	4,413
UT	1,824	262	478	1,913	272	521
VT	221	292	65	226	285	65
VA	3,647	236	860	3,608	234	845
WA	5,022	278	1,394	4,802	273	1,312
WV	1,147	210	241	1,099	216	237
WI	3,678	263	967	3,767	274	1,031
WY	12	300	3.6	12	300	3.6
Oth Sts [3]	1,696	262	445	2,277	265	604
US [4]	312,035	255	79,690	322,322	257	82,707

[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, NV, NM, and ND combined to avoid disclosure of individual operations. [4] Sum of States may not add to U.S. total due to rounding.

NASS, Livestock Branch, (202) 720–3570.

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, 1990–99

Year	Large	Year	Large
	Cents		*Cents*
1990	82.19	1995	67.26
1991	77.52	1996	73.00
1992	65.41	1997	81.21
1993	72.53	1998	75.80
1994	67.23	1999	65.60

AMS, Poultry Division, Market News Branch, (202) 720–6911.

Table 8-62.—Eggs: Number, rate of lay, production, and value, United States, 1990–99 [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*
1990	270,946	251	68,134	0.708	4,021,355
1991	275,451	252	69,465	0.676	3,914,659
1992	278,824	254	70,749	0.576	3,397,462
1993	284,770	253	71,936	0.634	3,800,237
1994	291,035	254	73,903	0.615	3,789,834
1995	294,350	254	74,764	0.625	3,892,912
1996	298,270	256	76,377	0.750	4,776,252
1997	303,604	255	77,532	0.703	4,539,929
1998	312,035	255	79,690	0.655	4,349,521
1999 [4]	322,322	257	82,707	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 Branch, (202) 720–6146.

Table 8-63.—Eggs: Production and value, by States, 1998 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	2,518	1.030	216,128	NJ	488	0.570	23,180
AR	3,233	0.978	263,490	NM	299	0.550	13,704
CA	6,608	0.561	308,924	NY	986	0.620	50,943
CO	945	0.671	52,841	NC	2,555	0.890	189,496
CT	839	0.589	41,181	ND	60	0.450	2,250
DE	92	1.380	10,580	OH	7,395	0.570	351,263
FL	2,528	0.535	112,707	OK	927	0.780	60,255
GA	5,126	0.880	375,907	OR	758	0.590	37,268
HI	156	0.871	11,323	PA	5,983	0.610	304,136
ID	248	0.696	14,384	RI	22	0.639	1,172
IL	838	0.618	43,157	SC	1,189	0.696	68,962
IN	5,831	0.588	285,709	SD	618	0.430	22,145
IA	5,969	0.452	224,832	TN	299	0.926	23,073
KS	392	0.468	15,269	TX	4,257	0.715	253,646
KY	863	0.725	52,140	UT	478	0.520	20,713
LA	475	0.848	33,567	VT	55	0.628	2,852
ME	1,373	0.630	72,083	VA	860	0.933	66,865
MD	867	0.697	50,358	WA	1,394	0.594	69,023
MA	139	0.642	7,431	WV	241	1.250	25,104
MI	1,395	0.500	58,104	WI	1,031	0.514	44,161
MN	3,152	0.480	126,080	WY	3.6	0.570	171
MS	1,578	1.210	159,115	Other States [3]	86	0.545	3,904
MO	1,732	0.530	76,497				
MT	84	0.550	3,850				
NE	2,706	0.430	96,965				
NH	42	0.750	2,613	US [4]	79,717	0.655	4,349,521

[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] 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 Branch, (202) 720–6146.

Table 8-64.—Eggs: Broken under Federal inspection, United States, 1998–99

Item	Quantity	
	1998	1999
	1,000 dozen	*1,000 dozen*
Shell eggs broken	1,645,178	1,754,671
	1,000 pounds	1,000 pounds
Edible liquid from shell eggs broken:		
Whole	1,262,186	1,352,429
White	524,864	560,291
Yolk	277,513	300,370
Total	2,064,563	2,213,090
Inedible liquid from shell eggs broken	183,346	198,059

NASS, Livestock Branch, (202) 720–6351.

Table 8-65.—Poultry and poultry products: Cold storage holdings, end of month, United States, 1998 and 1999

Month	Frozen eggs							
	Whites		Yolks		Whole & mixed		Unclassified	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	843	1,174	1,240	658	9,058	8,469	908	746
February	1,005	1,052	1,097	730	8,814	8,151	1,358	905
March	1,108	849	1,011	573	6,761	6,714	1,494	1,102
April	972	660	1,027	646	5,347	6,674	1,876	1,376
May	1,006	627	1,162	738	8,394	6,779	2,305	1,541
June	856	620	1,000	842	6,306	8,175	2,014	1,635
July	869	707	986	861	6,996	7,964	2,907	1,600
August	915	665	933	677	5,802	6,255	1,343	1,213
September ..	753	577	896	697	5,618	7,202	928	1,006
October	857	471	741	665	6,683	6,781	750	1,053
November ...	895	494	898	762	6,943	6,716	560	482
December ...	1,247	501	1,028	722	8,107	8,085	652	763

Month	Frozen eggs, total		Frozen chicken					
			Broilers (Whole)		Hens		Other chicken (parts)	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	12,049	11,047	24,683	22,947	5,546	7,564	628,043	686,240
February	12,274	10,838	21,962	23,406	5,150	8,760	638,221	690,314
March	10,374	9,238	18,895	24,968	5,056	10,915	672,092	751,818
April	9,222	9,356	21,797	25,500	5,013	10,480	680,740	783,632
May	12,867	9,685	18,361	32,557	8,874	10,421	656,337	770,755
June	10,176	11,272	19,053	32,428	9,183	10,824	582,859	798,782
July	11,758	11,132	15,448	33,819	9,283	10,362	553,780	828,087
August	8,993	8,810	12,037	31,316	8,822	11,040	545,143	803,982
September ..	8,195	9,482	13,844	29,774	7,722	9,880	584,132	854,961
October	9,031	8,970	12,692	39,080	5,848	9,401	600,342	772,018
November ...	9,296	8,454	15,418	44,056	5,545	8,117	642,346	743,066
December ...	11,034	10,071	18,630	34,692	6,256	7,763	692,463	760,904

Month	Frozen chicken, total		Frozen turkey					
			Whole		Other		Total	
	1998	1999	1998	1999	1998	1999	1998	1999
	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	658,272	716,751	228,445	147,302	269,138	216,539	497,583	363,841
February	665,333	722,480	263,275	177,209	249,393	198,422	512,668	375,631
March	696,043	787,701	281,371	184,809	245,649	190,136	527,020	374,945
April	707,550	819,612	315,803	239,906	263,861	215,505	579,664	455,411
May	683,572	813,733	350,508	274,067	263,632	220,210	614,140	494,277
June	611,095	842,034	389,464	328,810	267,036	227,326	656,500	556,136
July	578,511	872,268	423,662	384,022	278,114	214,991	701,776	599,013
August	566,002	846,338	462,814	369,435	244,013	210,871	706,827	580,306
September ..	605,698	894,615	463,797	400,438	235,688	195,920	699,485	596,358
October	618,882	820,499	439,273	317,885	219,459	176,611	658,732	494,496
November ...	663,309	795,239	118,185	95,093	192,178	157,178	310,363	252,271
December ...	717,349	803,359	105,819	90,538	198,490	163,713	304,309	254,251

Month	Frozen ducks		Total frozen poultry	
	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	2,286	4,177	1,158,141	1,084,769
February	2,556	4,548	1,180,557	1,102,659
March	3,423	5,868	1,226,486	1,168,514
April	4,313	6,010	1,291,527	1,281,033
May	5,430	5,447	1,303,142	1,313,457
June	5,835	5,536	1,273,430	1,403,706
July	4,937	5,335	1,285,224	1,476,616
August	5,597	5,322	1,278,426	1,431,966
September ..	4,619	5,990	1,309,802	1,496,963
October	5,092	5,339	1,282,706	1,320,334
November ...	4,491	4,497	978,163	1,052,007
December ...	3,757	3,760	1,025,415	1,061,370

NASS, Livestock Branch, (202) 720–8784.

Table 8-66.—Dairy products: Cold storage holdings, end of month, United States, 1998 and 1999

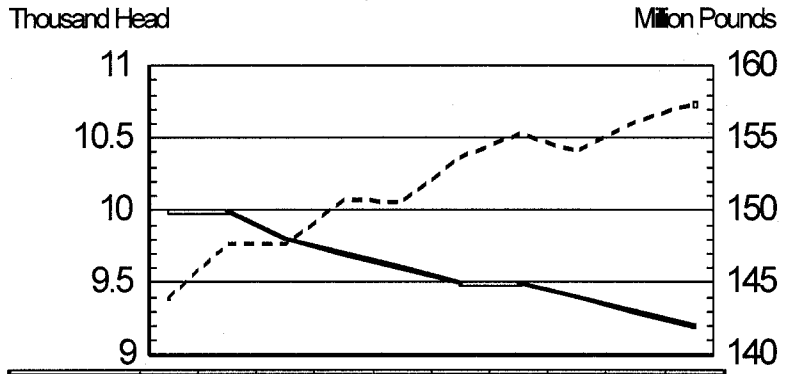
Month	Butter		American cheese	
	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	34,166	60,757	406,958	452,205
February	44,199	94,971	410,717	464,724
March	55,919	108,441	421,979	467,663
April	67,415	125,520	439,787	514,413
May	72,702	136,575	443,730	558,952
June	60,550	120,606	450,216	531,268
July	50,979	123,552	461,123	543,642
August	41,070	90,728	441,605	508,305
September ..	34,077	71,473	417,489	473,639
October	31,164	64,226	394,692	459,404
November ...	28,698	30,184	388,529	448,250
December ...	25,910	25,082	407,692	457,990

Month	Swiss cheese		Other natural cheese	
	1998	1999	1998	1999
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 pounds*
January	14,380	10,993	87,985	159,239
February	15,441	12,054	95,350	159,095
March	13,571	13,538	97,553	163,850
April	12,581	12,066	105,252	162,172
May	11,302	11,978	113,449	170,359
June	11,460	11,725	122,041	185,427
July	10,823	10,590	123,875	194,486
August	11,560	9,919	123,603	176,473
September ..	12,741	10,483	122,765	167,148
October	12,362	9,372	115,685	153,233
November ...	11,911	9,075	94,029	134,397
December ...	11,838	8,381	97,685	154,890

Month	Total Natural cheese	
	1998	1999
	1,000 pounds	*1,000 pounds*
January	509,323	622,437
February	521,508	635,873
March	533,103	645,051
April	557,620	688,651
May	568,481	741,289
June	583,717	728,420
July	595,821	748,718
August	576,768	694,697
September ..	552,995	651,270
October	522,712	622,009
November ...	494,469	591,722
December ...	517,215	621,261

NASS, Livestock Branch, (202) 720–8784.

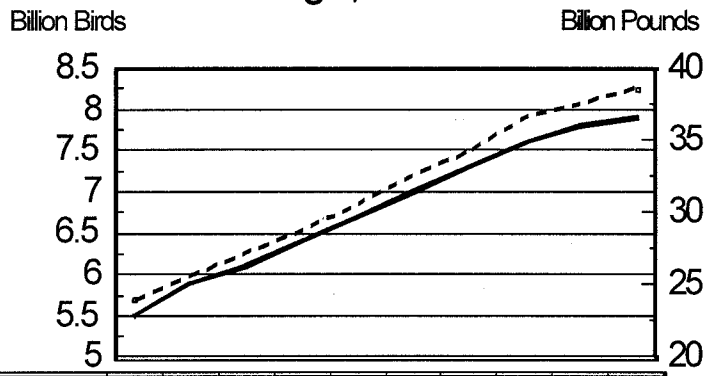
Milk Cows: Production & Number, 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Production	143.9	147.7	147.7	150.8	150.6	153.6	155.3	154.0	156.1	157.4
Number	10.0	10.0	9.8	9.7	9.6	9.5	9.5	9.4	9.3	9.2

NASS Table 8-8

Broilers: Number & Production Weight, 1989-98



Year	89	90	91	92	93	94	95	96	97	98
Prod. Weight	24.0	25.6	27.2	28.8	30.6	32.5	34.2	36.5	37.5	38.6
Number	5.5	5.9	6.1	6.4	6.7	7.0	7.3	7.6	7.8	7.9

NASS Table 8-45

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, 1989–98

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 farm income
	Index numbers 1990–92=100	*Index numbers 1990–92=100*	*Index numbers 1990–92=100*	*Billion dollars*	*Billion dollars*	*Billion dollars*
1989	96	95	104	191.9	146.7	45.3
1990	99	99	104	198.0	153.3	44.7
1991	100	100	100	191.9	153.3	38.7
1992	101	101	98	200.5	152.6	47.9
1993	104	104	101	204.8	160.2	44.5
1994	106	106	100	216.1	166.8	49.2
1995	109	108	102	210.7	173.5	37.2
1996	115	115	112	235.7	180.8	54.9
1997	118	119	107	238.7	190.0	48.6
1998	117	115	101	233.1	189.0	44.1

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*
1989	4,390.6	4,016.3	99.1	124.0	118.7
1990	4,640.9	4,293.6	98.9	130.7	124.4
1991	4,755.5	4,474.8	97.0	136.2	124.1
1992	4,993.7	4,754.6	100.0	140.3	123.3
1993	5,251.1	4,935.3	103.5	144.5	125.7
1994	5,556.1	5,165.4	109.1	148.2	126.8
1995	5,876.2	5,422.6	114.4	152.4	129.0
1996	6,210.2	5,677.7	119.5	156.9	133.6
1997	6,634.9	5,982.8	126.8	160.5	134.5
1998	7,036.4	6,286.2	131.3	163.0	134.3

[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. [6] Preliminary. [7] 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; NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 9-2.—Farms: Number, land in farms, and average size of farm, U.S., 1990–99 [1]

Year	Farms [2]	Land in farms	Average size farm
	Number	*1,000 acres*	*Acres*
1990	2,145,820	986,850	460
1991	2,116,760	981,736	464
1992	2,107,840	978,503	464
1993	2,201,590	968,845	440
1994	2,197,690	965,935	440
1995	2,196,400	962,515	438
1996	2,190,500	958,675	438
1997	2,190,510	956,010	436
1998	2,191,360	953,500	435
1999 [3]	2,194,070	947,340	432

[1] The farm definition was changed in 1993 to include maple syrup, short rotation woody crops, and places with 5 or more horses. [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, Environmental, Economics, and Demographics Branch, (202) 720–6146.

Table 9-3.—Farms: Percent of farms, land in farms, and average size, by economic sales class, United States, June 1, 1998–99

Economic sales class	Percent of total				Average size farm	
	Farms		Land		1998	1999 [1]
	1998	1999 [1]	1998	1999 [1]		
	Percent	*Percent*	*Percent*	*Percent*	*Acres*	*Acres*
$1,000–$2,499	26.9	27.2	4.4	4.6	71	73
$2,500–$4,999	14.6	15.0	4.4	4.4	131	127
$5,000–$9,999	12.4	12.3	5.2	5.1	182	179
$10,000–$19,999	10.0	10.2	5.9	6.0	257	254
$20,000–$39,999	9.0	8.5	7.4	7.5	358	381
$40,000–$99,999	10.8	10.9	16.8	16.9	677	669
$100,000–$249,999	9.0	9.2	23.8	23.2	1,151	1,089
$250,000–$499,999	4.2	3.7	14.6	13.3	1,513	1,552
$500,000+	3.1	3.0	17.5	19.0	2,456	2,735
Total	100.0	100.0	100.0	100.0	435	432

[1] Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

Table 9-4.—Number of farms: Economic sales class by region and United States

Region and year	Economic Sales Class			Total
	$1,000-$9,999	$10,000-$99,999	$100,000 & over	
	Number	*Number*	*Number*	*Number*
NE:[1]				
1997	76,050	37,300	21,700	135,050
1998	74,400	37,900	22,800	135,100
1999	75,100	37,100	22,900	135,100
NC:[2]				
1997	334,800	306,600	187,600	829,000
1998	333,300	304,000	188,200	825,500
1999	341,100	300,400	183,500	825,000
South:[3]				
1997	618,000	216,000	89,800	923,800
1998	607,700	225,000	91,000	923,700
1999	613,700	223,320	88,980	926,000
West:[4]				
1997	162,200	86,060	54,400	302,660
1998	165,550	85,410	56,100	307,060
1999	166,740	87,730	53,500	307,970
US:				
1997	1,191,050	645,960	353,500	2,190,510
1998	1,180,950	652,310	358,100	2,191,360
1999	1,196,640	648,550	348,880	2,194,070

[1] CT, ME, MA, NH, NJ, NY, PA, RI, VT. [2] IL, IN, IA, KS, MI, MN, MO NE, ND, OH, SD, WI. [3] AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. [4] AK, AZ, CA, CO, HI, ID MT, NV, NM, OR, UT, WA, WY.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

Table 9-5.—Land in farms: Economic sales class by region and United States

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:[1]				
1997	5,475	6,100	8,800	20,375
1998	5,480	6,005	8,885	20,370
1999	5,580	5,800	8,980	20,360
NC:[2]				
1997	34,500	109,900	210,600	355,000
1998	33,800	108,400	212,300	354,500
1999	33,800	108,500	211,700	354,000
South:[3]				
1997	64,900	93,985	128,500	287,385
1998	64,653	93,552	128,475	286,680
1999	64,653	96,007	123,480	284,030
West:[4]				
1997	30,500	78,500	184,250	293,250
1998	29,855	79,060	183,035	291,950
1999	29,205	77,885	181,860	288,950
US:				
1997	135,375	288,485	532,150	956,010
1998	133,788	287,017	532,695	953,500
1999	133,128	288,192	526,020	947,340

[1] CT, ME, MA, NH, NJ, NY, PA, RI, VT. [2] IL, IN, IA, KS, MI, MN, MO NE, ND, OH, SD, WI. [3] AL, AR, DE, FL, GA, KY, LA, MD, MS, NC, OK, SC, TN, TX, VA, WV. [4] AK, AZ, CA, CO, HI, ID MT, NV, NM, OR, UT, WA, WY.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

Table 9-6.—Land in farms: Classification by tenure of operator, United States, 1910–98

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
1997[2]	932,475,414	26.7	62.2	.....	11.2
1998[2]	900,415,615	28.6	60.2	.....	11.2

[1] Includes Alaska and Hawaii. [2] Excludes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694–5575. Data for 1910–1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997 and 1998 is from ERS Agricultural Resource Management Study.

Table 9-7.—Farms: Classification by tenure of operator, United States, 1910–98

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
1997 [2]	2,049,384	55.3	35.4	.....	9.3
1998 [2]	2,054,709	56.5	33.9	.....	9.6

[1] Includes Alaska and Hawaii. [2] Excludes Alaska and Hawaii.

ERS, Resource Economics Division, (202) 694–5575. Data for 1910-1992 is from the Census of Agriculture, U.S. Department of Commerce. Data for 1997 and 1998 is from ERS Agricultural Resource Management Study.

Table 9-8.—Farms: Classification by Tenants and Part Owners, United States, 1900–97

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
1997	931.8	108.1	270.0	378.1	40.6

[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; 1997 Census of Agriculture, vol. 1, part 51, chapter 1, table 46, p. 57; 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, 1998 and 1999

State	Farms [1]		Land in farms	
	1998	1999 [2]	1998	1999 [2]
	Number	*Number*	*1,000 acres*	*1,000 acres*
AL	49,000	48,000	9,500	9,200
AK	560	570	910	910
AZ	7,800	7,700	28,100	27,500
AR	49,500	48,500	14,750	14,650
CA	89,000	89,000	28,500	27,800
CO	29,500	29,000	32,200	31,800
CT	4,100	4,000	380	370
DE	2,700	2,600	580	580
FL	45,000	45,000	10,600	10,400
GA	50,000	50,000	11,300	11,200
HI	5,500	5,500	1,440	1,440
ID	24,500	24,500	12,000	11,900
IL	79,000	79,000	27,800	27,700
IN	66,000	65,000	15,600	15,500
IA	97,000	96,000	33,000	33,000
KS	65,000	65,000	47,500	47,500
KY	90,000	91,000	13,800	13,600
LA	30,000	30,000	8,200	8,150
ME	6,900	6,900	1,270	1,270
MD	12,500	12,400	2,150	2,100
MA	6,000	6,100	570	570
MI	52,000	53,000	10,400	10,400
MN	80,000	81,000	28,900	28,800
MS	42,000	43,000	11,600	11,400
MO	110,000	110,000	30,100	30,100
MT	27,500	28,000	57,500	57,000
NE	55,000	55,000	46,400	46,400
NV	3,000	3,000	6,900	6,800
NH	3,100	3,100	420	420
NJ	9,600	9,600	830	830
NM	16,000	15,500	45,300	44,700
NY	38,000	39,000	7,800	7,800
NC	58,000	58,000	9,400	9,300
ND	31,000	30,500	39,500	39,400
OH	80,000	80,000	14,900	14,900
OK	83,000	84,000	34,000	34,000
OR	39,500	40,500	17,200	17,200
PA	60,000	59,000	7,700	7,700
RI	700	700	60	60
SC	25,000	25,000	4,900	4,850
SD	32,500	32,500	44,000	44,000
TN	91,000	91,000	11,900	11,900
TX	226,000	227,000	131,500	130,500
UT	15,000	15,500	11,600	11,600
VT	6,700	6,700	1,340	1,340
VA	49,000	50,000	8,800	8,600
WA	40,000	40,000	15,700	15,700
WV	21,000	20,500	3,700	3,600
WI	78,000	78,000	16,400	16,300
WY	9,200	9,200	34,600	34,600
US	2,191,360	2,194,070	953,500	947,340

[1] A farm is any establishment from which $1,000 or more of agricultural products were sold or would normally be sold during the year. [2] Preliminary.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–6146.

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, 1959–97

State	1959	1964	1969	1974	1978[2]	1982	1987	1992	1997
	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*
AL	17	12	11	14	59	66	84	82	77
AK	.....	(3)	1	1	1	1	2	2	3
AZ	1,152	1,125	1,178	1,153	1,196	1,098	914	956	1,014
AR	712	974	1,010	949	1,683	2,022	2,406	2,702	3,717
CA	7,396	7,599	7,240	7,749	8,506	8,461	7,596	7,571	8,713
CO	2,685	2,690	2,895	2,874	3,431	3,201	3,014	3,170	3,430
CT	5	14	9	7	7	7	7	6	7
DE	16	18	20	20	34	44	61	62	73
FL	414	1,217	1,365	1,559	1,980	1,585	1,623	1,783	1,862
GA	34	64	79	112	463	575	640	725	749
HI	141	144	146	142	159	146	149	134	77
ID	2,577	2,802	2,761	2,859	3,475	3,450	3,219	3,260	3,494
IL	10	14	51	54	130	166	208	328	350
IN	17	17	34	33	75	132	170	241	250
IA	18	22	21	39	101	91	92	116	125
KS	762	1,004	1,522	2,010	2,686	2,675	2,463	2,680	2,707
KY	9	14	20	11	14	23	38	28	58
LA	485	581	702	702	681	694	647	898	943
ME	2	4	6	6	7	6	6	10	22
MD	11	16	22	23	28	39	51	57	69
MA	20	24	19	19	17	17	20	20	25
MI	40	49	77	97	226	286	315	366	393
MN	15	18	36	78	272	315	354	370	380
MS	100	123	150	162	309	431	637	883	1,076
MO	30	59	156	150	320	403	535	709	882
MT	1,875	1,893	1,841	1,759	2,070	2,023	1,997	1,978	1,994
NE	2,078	2,169	2,857	3,967	5,683	6,039	5,682	6,312	6,939
NV	543	825	753	778	881	830	779	556	765
NH	1	3	2	2	2	1	3	2	3
NJ	74	96	72	89	77	83	91	80	93
NM	732	813	823	867	891	807	718	738	805
NY	58	79	55	55	56	52	51	47	69
NC	66	97	59	51	90	81	138	113	156
ND	48	51	63	71	141	163	168	187	180
OH	12	17	22	22	25	28	32	29	34
OK	198	302	524	515	602	492	478	512	506
OR	1,384	1,608	1,519	1,561	1,881	1,808	1,648	1,622	1,949
PA	17	23	19	18	15	18	30	23	36
RI	(3)	1	2	2	3	2	4	3	3
SC	25	19	15	10	32	81	81	76	86
SD	116	130	148	152	335	376	362	371	344
TN	11	11	12	10	13	18	38	37	46
TX	5,656	6,385	6,888	6,594	6,947	5,576	4,271	4,912	5,425
UT	1,062	1,092	1,025	970	1,169	1,082	1,161	1,143	1,212
VT	2	2	(3)	1	1	1	2	2	3
VA	31	51	37	28	42	43	79	62	85
WA	1,007	1,150	1,224	1,309	1,639	1,638	1,519	1,641	1,705
WV	1	2	3	2	1	1	3	3	3
WI	32	62	106	128	235	259	285	331	342
WY	1,470	1,571	1,523	1,460	1,662	1,565	1,518	1,465	1,719
US	33,164	37,057	39,122	41,243	50,350	49,002	46,386	49,404	55,058
PR	76	89	91	70	(4)	(4)	(4)	(4)	(4)
VI	(3)	(3)	(3)	(3)	(4)	(4)	(4)	(4)	(4)
Total	33,240	37,145	39,213	41,313	50,350	49,002	46,386	49,404	55,058

[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, 1994–98 [1]

State	Total value of land and buildings				
	Jan. 1, 1994	Jan. 1, 1995	Jan. 1, 1996	Jan. 1, 1997	Jan. 1, 1998
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
AL	11,312	12,600	12,804	13,056	13,680
AZ [2]	10,395	10,665	11,017	11,368	11,938
AR	13,905	14,745	15,049	15,836	16,963
CA	65,416	65,046	69,600	71,750	74,385
CO	15,663	17,004	18,135	19,175	19,900
CT	2,321	2,261	2,261	2,261	2,261
DE	1,387	1,440	1,505	1,509	1,543
FL	22,248	22,577	23,005	23,320	23,744
GA	13,340	14,490	15,504	16,159	17,063
ID	9,516	10,248	10,890	11,520	12,240
IL	46,927	50,960	53,010	55,044	59,214
IN	23,550	25,272	27,144	29,172	32,136
IA	42,368	44,550	47,850	52,800	56,100
KS	23,943	25,466	26,268	26,838	27,408
KY	16,074	17,500	18,200	18,765	20,155
LA	8,400	9,072	9,794	9,758	9,922
ME	1,537	1,503	1,507	1,498	1,523
MD	6,710	6,820	6,842	6,930	6,678
MA	2,962	2,884	2,907	2,936	2,970
MI	12,947	14,231	15,052	15,912	17,368
MN	26,963	27,930	30,076	31,719	33,524
MS	10,199	10,898	10,912	11,466	12,180
MO	24,833	26,488	28,595	30,401	32,207
MT	15,138	16,454	16,907	16,820	16,905
NE	25,575	26,912	28,304	28,768	29,928
NV [2]	1,882	2,035	2,279	2,501	2,680
NH	945	945	945	945	945
NJ	5,977	5,950	5,964	5,893	5,810
NM [2]	8,072	8,451	8,587	8,744	8,821
NY	9,954	10,112	9,828	9,750	9,984
NC	15,456	16,800	18,050	19,000	19,552
ND	14,191	14,883	15,282	15,483	15,840
OH	23,556	26,250	27,118	28,161	30,396
OK	17,578	18,598	18,598	19,380	20,740
OR	13,073	14,770	16,240	16,800	16,512
PA	16,770	16,940	17,252	17,710	18,403
RI	416	423	423	423	423
SC	6,120	6,767	6,800	7,000	7,252
SD	12,641	13,288	13,640	14,300	15,312
TN	15,125	16,080	18,360	19,800	21,539
TX	68,495	69,300	71,280	72,851	77,980
UT [2]	5,235	5,568	5,833	6,326	6,576
VT	1,960	1,987	1,997	1,995	2,037
VA	13,992	15,136	16,192	16,544	16,896
WA	16,116	16,906	17,584	18,212	18,683
WV	3,215	3,404	3,626	3,885	4,033
WI	16,359	17,472	18,758	19,305	20,336
WY	6,228	6,643	7,128	7,439	7,681
48 States	746,983	786,723	824,898	857,227	900,362

[1] Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms. [2] Value of All land and Buildings adjusted to include reservation land value.

NASS, Livestock 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, 1995–99

State	Mar. 1, 1970	Jan. 1, 1995	Jan. 1, 1996	Jan. 1, 1997	Jan. 1, 1998	Jan. 1, 1999
	Dol.	*Dol.*	*Dol.*	*Dol.*	*Dol.*	*Dol.*
AL	200	1,260	1,320	1,360	1,440	1,490
AZ	70	840	880	920	987	1,020
AR	260	983	1,010	1,070	1,150	1,180
CA	479	2,220	2,400	2,500	2,610	2,630
CO	95	520	558	590	618	630
CT	921	5,950	5,950	5,950	5,950	6,100
DE	499	2,440	2,550	2,580	2,660	2,750
FL	355	2,110	2,150	2,200	2,240	2,260
GA	234	1,260	1,360	1,430	1,510	1,560
ID	177	840	900	960	1,020	1,060
IL	490	1,820	1,900	1,980	2,130	2,190
IN	406	1,620	1,740	1,870	2,060	2,110
IA	392	1,350	1,450	1,600	1,700	1,700
KS	159	535	553	565	577	580
KY	253	1,250	1,300	1,350	1,450	1,500
LA	321	1,080	1,180	1,190	1,210	1,200
ME	161	1,130	1,150	1,170	1,190	1,200
MD	640	3,100	3,110	3,150	3,180	3,300
MA	565	5,060	5,100	5,150	5,210	5,400
MI	326	1,330	1,420	1,530	1,670	1,730
MN	226	950	1,030	1,090	1,160	1,190
MS	234	886	917	980	1,050	1,080
MO	224	880	950	1,010	1,070	1,100
MT	60	277	289	291	294	296
NE	154	580	610	620	645	660
NV	53	289	332	366	392	405
NH	239	2,250	2,250	2,250	2,250	2,250
NJ	1,092	7,000	7,100	7,100	7,000	7,000
NM	42	209	212	215	217	219
NY	273	1,280	1,260	1,250	1,280	1,280
NC	333	1,750	1,900	2,000	2,080	2,160
ND	94	373	383	390	401	400
OH	399	1,750	1,820	1,890	2,040	2,100
OK	173	547	547	570	610	610
OR	150	844	928	960	960	970
PA	373	2,200	2,270	2,300	2,390	2,440
RI	734	6,500	6,500	6,500	6,500	6,500
SC	261	1,340	1,360	1,400	1,480	1,520
SD	84	302	310	325	348	355
TN	268	1,340	1,530	1,650	1,810	1,870
TX	148	525	540	554	593	595
UT	92	710	740	780	807	815
VT	224	1,450	1,490	1,500	1,520	1,550
VA	286	1,720	1,840	1,880	1,920	1,990
WA	224	1,070	1,120	1,160	1,190	1,200
WV	136	920	980	1,050	1,090	1,110
WI	232	1,040	1,130	1,170	1,240	1,280
WY	41	192	206	215	222	220
48 States	196	844	887	926	974	992

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 9-15.—Land Values, cropland and pasture: By States, 1998–99

State	1998				1999			
	Cropland [1]	Irrigated cropland	Non-irrigated cropland	Pasture [2]	Cropland [1]	Irrigated cropland	Non-irrigated cropland	Pasture [2]
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	1,260	...	...	1,100	1,290	...	...	1,130
AZ	3,800	3,800	...	320	3,900	3,900	...	330
AR	1,030	1,140	940	910	1,070	1,180	980	910
CA	5,260	5,600	1,700	1,050	5,300	5,650	1,700	1,050
CO	809	1,580	395	335	823	1,600	405	340
CT	...	...	...	...	...	...	...	...
DE	2,620	...	...	...	2,700	...	...	...
FL	3,230	4,000	1,600	1,450	3,190	3,950	1,600	1,500
GA	1,140	1,290	1,110	1,770	1,170	1,340	1,130	1,820
ID	1,370	1,760	680	700	1,420	1,820	720	730
IL	2,240	...	...	940	2,300	...	...	960
IN	2,100	...	...	1,270	2,160	...	...	1,300
IA	1,860	...	...	665	1,860	...	...	665
KS	655	1,010	620	367	659	1,020	623	370
KY	1,620	...	...	1,320	1,640	...	...	1,360
LA	1,060	928	1,100	1,200	1,050	960	1,080	1,190
ME	...	...	...	...	...	...	...	...
MD	3,100	...	...	3,350	3,150	...	...	3,400
MA	...	...	...	...	...	...	...	...
MI	1,480	...	...	890	1,530	...	...	920
MN	1,160	...	...	380	1,190	...	...	390
MS	878	1,010	840	890	902	1,050	860	900
MO	1,130	1,670	1,090	700	1,160	1,720	1,120	720
MT	463	1,310	343	197	465	1,310	345	200
NE	1,040	1,510	799	210	1,070	1,550	820	215
NV	1,850	1,850	...	230	1,900	1,900	...	235
NH	...	...	...	...	...	...	...	...
NJ	8,000	...	...	8,800	8,000	...	...	8,800
NM	1,380	2,490	255	160	1,420	2,550	267	157
NY	1,040	...	...	530	1,080	...	...	550
NC	1,950	...	...	2,100	2,020	...	...	2,190
ND	440	...	...	144	435	...	...	142
OH	2,150	...	...	1,410	2,200	...	...	1,440
OK	577	810	564	395	579	830	565	400
OR	1,430	2,000	980	400	1,460	2,030	1,000	400
PA	2,740	...	...	1,740	2,790	...	...	1,790
RI	...	...	...	...	...	...	...	...
SC	1,160	...	...	1,340	1,200	...	...	1,380
SD	480	810	473	173	491	800	485	175
TN	1,970	...	...	1,860	2,040	...	...	1,920
TX	701	780	680	550	698	800	670	550
UT	2,390	2,800	730	400	2,390	2,800	730	400
VT	...	...	...	...	...	...	...	...
VA	1,880	...	...	1,800	1,950	...	...	1,870
WA	1,430	3,400	840	550	1,440	3,500	820	565
WV	1,600	...	...	860	1,650	...	...	860
WI	1,130	...	...	550	1,170	...	...	565
WY	777	940	230	160	756	910	240	155
Other States	4,290	...	...	3,900	4,350	...	...	3,910
US	1,340	...	...	489	1,370	...	...	494

[1] Other cropland States include CT, ME, MA, NH, RI, and VT. [2] Other pasture States include CT, DE, ME, MA, NH, RI, and VT.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 9-16.—Cash rents, cropland and pasture: By States, 1998–99

State	1998				1999			
	Cropland	Irrigated cropland	Non-irrigated cropland	Pasture	Cropland	Irrigated cropland	Non-irrigated cropland	Pasture
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	35.00	...	...	15.50	32.00	...	...	15.00
AZ	134.00	134.00	...	...	145.00	145.00	...	...
AR	70.00	80.00	53.00	...	67.00	78.00	50.00	...
CA	...	235.00	...	12.00	...	260.00	...	10.00
CO	56.30	90.00	18.50	5.00	61.60	100.00	17.00	4.80
CT	...	...	...	...	...	...	...	...
DE	58.00	...	...	...	58.00	...	...	...
FL	...	...	30.00	14.00	...	...	30.00	14.00
GA	47.00	85.00	37.00	20.60	47.30	90.00	37.20	20.80
ID	90.00	110.00	45.00	...	94.00	115.00	45.00	...
IL	111.00	...	...	32.00	111.00	...	...	31.00
IN	98.00	...	...	...	99.00	...	...	...
IA	113.00	...	...	34.00	113.00	...	...	31.00
KS	36.80	67.00	35.50	13.00	36.00	66.00	35.00	13.30
KY	65.00	...	...	...	65.00	...	...	...
LA	55.00	70.00	49.00	16.00	56.90	72.80	49.60	15.50
ME	...	...	...	...	...	...	...	...
MD	54.00	...	...	...	54.00	...	...	...
MA	...	...	...	...	...	...	...	...
MI	60.00	...	...	...	60.00	...	...	...
MN	77.40	...	...	16.00	75.60	...	...	17.00
MS	55.60	67.30	47.90	14.50	58.00	72.00	49.20	13.50
MO	...	...	57.00	18.00	...	...	59.00	18.50
MT	21.60	51.50	17.00	4.50	24.00	55.90	19.00	5.00
NE	88.40	117.00	65.70	10.70	86.90	115.00	64.50	10.90
NV	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...
NJ	50.60	...	...	...	53.10	...	...	...
NM	...	...	...	1.50	...	...	...	1.70
NY	32.00	...	...	...	31.00	...	...	...
NC	43.00	...	...	22.00	45.00	...	...	21.00
ND	35.00	...	...	9.20	35.50	...	...	9.30
OH	73.20	...	...	...	73.70	...	...	...
OK	...	...	25.60	7.80	...	...	27.00	8.30
OR	76.00	105.00	66.00	...	80.00	105.00	70.00	...
PA	40.00	...	...	37.00	41.00	...	...	36.00
RI	...	...	...	...	...	...	...	...
SC	22.50	...	...	...	22.00	...	...	...
SD	...	...	36.50	9.70	...	...	38.00	10.20
TN	57.00	...	...	18.00	62.00	...	...	16.40
TX	26.00	51.00	20.00	6.60	24.00	49.00	18.00	6.90
UT	...	60.00	...	11.00	...	58.00	...	12.00
VT	...	...	...	...	...	...	...	...
VA	35.00	...	...	15.50	35.70	...	...	15.50
WA	...	147.00	...	...	...	153.00	...	...
WV	29.00	...	...	...	28.00	...	...	...
WI	60.00	...	...	34.00	62.00	...	...	38.00
WY	...	...	...	...	...	...	...	...

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 9-17.—Farm assets and claims: Comparative balance sheet of the farming sector, excluding operator households, United States, Dec. 31, 1989–98

Item	1989[1]	1990	1991	1992	1993
ASSETS	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*
Physical assets:					
Real estate	600.8	620.0	625.5	642.8	673.7
Non-real estate:					
Livestock[2]	66.2	70.9	68.1	71.0	72.8
Machinery and motor vehicles	84.1	86.3	85.9	85.4	86.5
Crops stored on and off farms[3]	23.9	23.2	22.2	24.2	23.3
Purchased inputs	2.6	2.8	2.6	3.9	3.8
Financial assets:					
Investments in cooperatives	26.3	27.5	28.6	29.5	30.6
Other[4]	10.5	10.8	11.9	13.6	15.7
Total[5]	814.4	841.5	844.9	870.3	906.4
CLAIMS					
Liabilities:					
Real estate debt	76.0	74.7	74.9	75.4	76.0
Non-real estate debt to—					
Reporting institutions[6]	49.6	50.5	51.3	50.4	51.7
Nonreporting creditors[7]	12.2	12.7	13.0	13.2	14.2
Total liabilities[5]	137.9	138.0	139.2	139.1	142.0
Proprietors' equity	676.6	703.5	705.7	731.3	764.4
Total[5]	814.4	841.5	844.9	870.3	906.4

Item	1994	1995	1996	1997	1998[8]
ASSETS	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*	*Billion dollars*
Physical assets:					
Real estate	704.1	740.5	769.5	808.4	822.8
Non-real estate:					
Livestock[2]	67.9	57.8	60.3	67.1	62.0
Machinery and motor vehicles	87.5	88.5	88.9	89.0	88.6
Crops stored on and off farms[3]	23.3	27.4	31.7	32.2	30.1
Purchased inputs	5.0	3.4	4.4	5.1	5.3
Financial assets:					
Investments in cooperatives	30.7	31.4	31.3	31.7	31.8
Other[4]	16.9	17.7	17.8	18.0	23.6
Total[5]	935.5	966.7	1003.9	1051.6	1064.3
CLAIMS					
Liabilities:					
Real estate debt	77.7	79.3	81.7	85.4	89.6
Non-real estate debt to—					
Reporting institutions[6]	53.9	55.3	57.0	61.2	63.6
Nonreporting creditors[7]	15.2	16.2	17.4	18.8	19.6
Total liabilities[5]	146.8	150.8	156.1	165.4	172.9
Proprietors' equity	788.7	815.9	847.8	886.2	891.4
Total[5]	935.5	966.7	1003.9	1051.6	1064.3

[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 9-18.—Farm labor: Number of workers on farms and average wage rates, United States, 1990–2000 [1]

Year	Total workers	Self-employed and unpaid workers [2]	Ag service workers [3]	Hired workers [3 4]	Hired workers [3 4]
	Number	*Number*	*Number*	*Number*	*Wage rates*
1990.					
Jan	2,590	1,752	143	695	5.70
Apr	2,964	1,928	203	833	5.54
July	3,691	2,229	356	1,106	5.30
Oct	3,318	2,087	296	935	5.64
1991.					
Jan	2,614	1,740	168	706	6.00
Apr	2,949	1,917	206	826	5.81
July	3,691	2,205	373	1,113	5.57
Oct	3,289	2,006	287	996	5.88
1992.					
Jan	2,572	1,746	123	703	6.37
Apr	2,874	1,832	205	837	6.05
July	3,557	2,140	385	1,032	5.82
Oct	3,245	2,058	295	892	6.09
1993.					
Jan	2,505	1,737	157	611	6.40
Apr	2,884	1,832	224	828	6.37
July	3,583	2,163	358	1,062	6.07
Oct	3,249	2,038	283	928	6.26
1994.					
Jan	2,480	1,703	140	637	6.54
Apr	2,919	1,876	240	803	6.42
July	3,510	2,129	341	1,040	6.21
Oct	3,165	2,006	279	880	6.46
1995.					
Jan	2,460	1,691	140	629	6.73
Apr	2,857	1,821	214	822	6.49
July	3,672	2,258	348	1,066	6.44
Oct	3,383	2,127	302	954	6.58
Annual average	.....	1,967.1	(5)	868.5	6.54
1996.					
Jan	2,462	1,749	115	598	6.89
Apr	2,906	1,919	207	780	6.76
July	(6)	(6)	331	1,015	6.55
Oct	(6)	(6)	291	935	6.97
Annual average	.....	2,010	(5)	832	6.78
1997.					
Jan	(6)	(6)	131	624	7.20
Apr	(6)	(6)	207	808	7.03
July	(6)	(6)	340	1,069	6.88
Oct	(6)	(6)	283	1,004	7.31
Annual average	.....	1,989.9	(5)	876.5	7.35
1998.					
Jan	(6)	(6)	141	661	7.61
Apr	(6)	(6)	202	803	7.49
July	(6)	(6)	379	1071	7.24
Oct	(6)	(6)	263	983	7.60
Annual average	.....	1,946.6	(5)	879.5	7.47
1999.					
Jan	(6)	(6)	157	705	7.94
Apr	(6)	(6)	160	867	7.83
July	(6)	(6)	319	1,155	7.58
Oct	(6)	(6)	219	989	7.83
Annual average	.....	2,048.4	(5)	929	7.77
2000.					
Jan	.....	(6)	170	666	8.12

[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] Excludes agricultural service workers. [5] Annual average not computed. [6] Discontinued.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-19.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions, 1999 [1] [2]

State and region [3]	Workers on farms	Farm wage rates			
	Hired	Type of worker			
		Field	Livestock	Field and livestock	All hired workers [4]
	Thousands	*Dollars per hour*	*Dollars per hour*	*Dollars per hour*	*Dollars per hour*
Jan. 10–16, 1999					
Northeast I	30	8.08	6.61	7.20	7.75
Northeast II	25	7.79	6.13	6.99	8.01
Appalachian I	26	7.14	7.47	7.25	7.76
Appalachian II	22	5.60	7.39	6.39	6.89
Southeast	28	6.84	6.84	6.84	7.18
FL	55	7.35	7.00	7.32	8.31
Lake	42	8.43	7.33	7.59	8.48
Cornbelt I	29	8.01	7.82	7.89	8.46
Cornbelt II	16	7.36	7.35	7.35	7.86
Delta	24	6.99	6.35	6.68	7.20
N. Plains	23	7.83	7.56	7.62	8.10
S. Plains	48	6.49	6.58	6.53	6.93
Mountain I	14	7.36	7.35	7.35	7.80
Mountain II	15	7.29	7.36	7.33	*8.27
Mountain III	16	6.66	7.06	6.75	7.18
Pacific	45	7.80	8.93	7.96	8.70
CA	240	7.13	8.40	7.26	7.97
HI	7	9.38	.....	9.35	10.80
US (49 States)	705	7.23	7.31	7.25	7.94
Apr. 11–17, 1999					
Northeast I	40	8.18	7.34	7.92	8.34
Northeast II	37	7.73	6.05	7.20	7.73
Appalachian I	30	7.17	7.02	7.14	7.50
Appalachian II	29	6.17	6.63	6.39	6.72
Southeast	*33	6.61	*7.59	*6.85	*7.12
FL	54	7.40	6.90	7.37	8.18
Lake	55	7.95	7.03	7.54	8.09
Cornbelt I	42	7.71	7.47	7.66	8.35
Cornbelt II	24	7.02	8.54	8.07	8.27
Delta	32	6.41	7.28	6.59	6.81
N. Plains	29	7.82	7.00	7.41	7.66
S. Plains	51	6.41	6.66	6.51	7.18
Mountain I	22	6.54	6.53	6.54	6.71
Mountain II	18	*7.51	7.67	*7.61	*8.06
Mountain III	20	6.77	7.58	6.96	7.65
Pacific	58	7.25	9.98	7.49	8.02
CA	*286	*7.20	*8.29	*7.31	*8.00
HI	7	9.45	.....	9.38	*10.81
US (49 States)	*867	*7.23	*7.39	*7.27	*7.83

See footnotes at end of table.

Table 9-19.—Farm labor: Number of hired workers on farms and average wage rates, by States and regions [1] [2], 1999—Continued

State and region [3]	Workers on farms	Farm wage rates			
	Hired	Type of worker			
		Field	Livestock	Field and livestock	All hired workers [4]
	Thousands	*Dollars per hour*	*Dollars per hour*	*Dollars per hour*	*Dollars per hour*
July 11–17, 1999					
Northeast I	48	7.87	6.69	7.47	7.86
Northeast II	49	7.17	6.45	6.98	7.34
Appalachian I	61	6.53	7.62	6.75	7.08
Appalachian II	40	6.25	6.57	6.37	6.89
Southeast	40	6.44	*6.58	6.47	*6.80
FL	45	7.25	7.30	7.26	*8.32
Lake	88	7.35	7.15	7.29	7.73
Cornbelt I	68	7.54	7.39	7.52	8.03
Cornbelt II	30	7.22	8.07	7.58	7.90
Delta	45	6.55	6.89	6.62	6.99
No. Plains	54	7.32	7.63	7.37	7.73
So. Plains	60	6.23	6.40	6.26	6.60
Mountain I	31	6.17	6.97	6.43	6.61
Mountain II	31	6.47	7.09	6.73	7.26
Mountain III	19	6.52	6.68	6.56	7.17
Pacific	116	7.22	8.02	7.29	7.81
CA	*322	7.15	*8.05	*7.22	7.77
HI	8	9.51	.....	9.53	10.88
US (49 States)	*1,155	7.05	*7.22	*7.08	7.58
October 10–16, 1999					
Northeast I	44	8.21	7.58	7.99	*8.46
Northeast II	37	7.22	6.60	7.00	7.55
Appalachian I	43	6.88	7.45	7.03	7.48
Appalachian II	31	6.01	7.14	6.43	6.94
Southeast	31	6.63	7.10	6.78	*6.99
FL	58	7.05	7.00	7.04	8.05
Lake	72	8.42	7.71	8.18	8.64
Cornbelt I	65	7.65	7.17	7.57	8.27
Cornbelt II	26	7.85	7.86	7.85	8.17
Delta	41	6.14	7.02	6.28	6.59
No. Plains	56	7.59	7.54	7.58	7.83
So. Plains	52	6.48	7.29	6.74	7.24
Mountain I	30	7.06	7.40	7.17	7.36
Mountain II	25	6.79	7.00	6.90	7.23
Mountain III	22	6.51	7.40	6.69	7.12
Pacific	87	8.02	7.89	8.00	8.35
CA	261	7.25	8.03	7.30	7.86
HI	8	9.21	.....	9.24	*10.88
US (49 States)	989	7.31	7.43	7.33	7.83

[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. * Revised.

NASS, Livestock and Economics Branch, (202) 720–3570.

Table 9-20.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1987–96

[1992=100]

Year	Livestock and products				
	Farm output	All livestock and products [1]	Meat animals [2]	Dairy products [3]	Poultry and eggs [4]
1987	88	92	95	94	81
1988	83	93	97	96	83
1989	89	94	97	95	86
1990	94	95	96	98	92
1991	94	98	99	98	96
1992	100	100	100	100	100
1993	94	100	100	99	104
1994	107	108	102	114	110
1995	101	110	103	115	114
1996	106	109	100	115	119

Year	Crops				
	All crops	Feed crops [5]	Food grains [6]	Oil crops [7]	Cotton and cotton seed
1987	86	84	84	88	92
1988	75	62	76	72	96
1989	86	85	83	88	75
1990	92	88	107	87	96
1991	92	86	82	94	109
1992	100	100	100	100	100
1993	90	76	96	85	100
1994	106	102	97	115	122
1995	96	83	90	99	110
1996	103	98	93	107	117

Year	Crops			
	Tobacco	Vegetables and melons [8]	Fruits and nuts [9]	Other crops [10]
1987	69	90	95	82
1988	78	81	102	86
1989	80	85	98	89
1990	94	93	97	94
1991	96	97	96	97
1992	100	100	100	100
1993	94	97	107	99
1994	85	113	111	105
1995	93	108	102	110
1996	80	112	102	110

[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.

ERS, Environmental Indicators and Resource Accounting Branch (202) 694–5601.

Table 9-21.—Hired farmworkers: Number of Workers and Median Weekly Earnings, 1997–99 [1 2]

Characteristics	Workers			Median Weekly Earnings [3]		
	1997	1998	1999 [5]	1997	1998	1999 [5]
	Thousands	*Thousands*	*Thousands*	*Dollars*	*Dollars*	*Dollars*
All workers	889	875	840	250	260	280
15–19 years old	141	133	131	110	106	110
20–24 years old	131	116	124	240	243	250
25–34 years old	216	224	196	280	276	325
35–44 years old	190	185	174	280	312	338
45–54 years old	114	122	122	276	280	325
55 years old and older	96	95	93	260	250	276
Male	741	733	678	260	270	300
Female	148	142	162	204	230	240
White [5]	465	458	425	240	269	300
Black and other races [5]	59	91	54	250	269	260
Hispanic	365	366	361	252	250	280
Schooling completed [6]						
Less than 5th grade	109	96	95	254	250	246
5th-8th grade	196	184	189	196	246	258
9th-12th grade (no diploma)	220	218	174	220	210	208
High school diploma	198	232	228	277	315	333
Beyond high school	165	145	154	315	300	360
Full-time (35 or more hours per week)	725	713	668	277	288	320
Part-time (less than 35 hours per week)	164	162	172	100	100	105

[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] Preliminary. [6] Excludes persons of Hispanic origin. [7] Educational attainment levels, prior to January 1992, reflected years of schooling completed rather than degrees or diplomas received.

ERS, Food Assistance, and Rural Economy Branch, (202) 694–5438.

Table 9-22.—Crops: Area, United States, 1990–99

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*
1990	89,517	72,299	307,768	326,337	2,671.5	3,504.7
1991	91,921	60,979	303,499	325,517	2,643.8	3,486.4
1992	95,908	66,284	306,763	326,593	3,323.2	3,586.6
1993	82,405	65,926	295,690	319,717	3,260.2	3,677.0
1994	92,071	65,493	308,245	324,053	3,531.9	3,748.4
1995	82,694	64,433	301,778	318,735	3,432.3	3,825.6
1996	93,817	65,968	313,549	334,049	3,371.8	3,919.2
1997	90,840	66,259	318,293	332,743	3,270.3	4,004.2
1998	88,931	62,737	311,545	330,043	3,295.5	4,021.9
1999	86,292	57,854	312,370	329,744	3,408.0	3,982.1

[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, berries, guavas, cranberries, pineapples and strawberries; nuts—walnuts, almonds, filberts, macadamias, and pistachios.

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Table 9-23.—Crops: Area, yield, production, and value, United States, 1998–99 [1]

Crop	Area harvested [2]		Yield per harvested acre [3]		
	1998	1999 [4]	Unit	1998	1999 [4]
	1,000 acres	*1,000 acres*			
Grains & Hay:					
Barley [5]	5,864.0	4,758.0	Bushel	60.0	59.2
Corn for Grain	72,589.0	70,537.0	Bushel	134.4	133.8
Corn for Silage	5,913.0	6,062.0	Ton	16.1	15.9
Hay, All	60,076.0	63,160.0	Ton	2.53	2.52
Alfalfa	23,672.0	23,985.0	Ton	3.48	3.50
All Other	36,404.0	39,175.0	Ton	1.91	1.92
Oats [5]	2,755.0	2,453.0	Bushel	60.2	59.6
Proso Millet	.....	540.0	Bushel	.....	33.2
Rice	3,317.0	3,562.0	Cwt	5,669	5,908
Rye [5]	418.0	383.0	Bushel	29.1	28.7
Sorghum for Grain	7,723.0	8,544.0	Bushel	67.3	69.7
Sorghum for Silage	308.0	320.0	Ton	11.4	11.6
Wheat, All [5]	59,002.0	53,909.0	Bushel	43.2	42.7
Winter [5]	40,126.0	35,572.0	Bushel	46.9	47.8
Durum [5]	3,728.0	3,569.0	Bushel	37.0	27.8
Other Spring [5]	15,148.0	14,768.0	Bushel	34.9	34.1
Oilseeds:					
Canola	1,076.0	1,044.0	Pound	1,448	1,306
Cottonseed	.....	.....	Ton	.....	.....
Flaxseed	329.0	382.0	Bushel	20.4	20.6
Mustard Seed	95.6	58.8	Pound	855	816
Peanuts	1,467.0	1,427.5	Pound	2,702	2,711
Rapeseed	4.7	4.4	Pound	1,353	1,155.0
Safflower	285.0	262.0	Pound	1,446	1,545.0
Soybeans for Beans	70,441.0	72,476.0	Bushel	38.9	36.5
Sunflower	3,492.0	3,441.0	Pound	1,510	1,262
Cotton, Tobacco & Sugar Crops:					
Cotton, All	10,683.6	13,381.0	Bale	625	608
Upland	10,448.8	13,093.0	Bale	619	596
Amer-Pima	234.8	288.0	Bale	904	1,159
Sugarbeets	1,450.7	1,527.1	Ton	22.4	21.8
Sugarcane	947.1	991.2	Ton	36.6	36.0
Tobacco	717.6	644.3	Pound	2,062	1,980
Dry Beans, Peas & Lentils:					
Austrian Winter Peas	7.4	4.4	Pound	1,405	1,364
Dry Edible Beans	1,917.7	1,877.0	Pound	1,586	1,770
Dry Edible Peas	309.1	263.6	Pound	1,920	1,908
Lentils	158.5	174.5	Pound	1,223	1,368
Wrinkled Seed Peas	NA	NA	NA	NA	NA
Potatoes & Misc.:					
Coffee (HI)	6.1	6.4	Pound	1,560	1,640
Ginger Root (HI)	0.4	0.4	Pound	50,000	46,000
Hops	36.6	34.3	Pound	1,625	1,881
Maple syrup	NA	NA	NA	NA	NA
Peppermint Oil	124.0	106.3	Pound	78	71
Potatoes, All	1,387.7	1,332.6	Cwt	343	359
Winter	15.0	17.8	Cwt	199	229
Spring	90.6	84.5	Cwt	233	300
Summer	68.1	64.2	Cwt	278	298
Fall	1,214.0	1,166.1	Cwt	356	369
Spearmint Oil	27.4	24.4	Pound	109	101
Sweet Potatoes	83.8	82.9	Cwt	148	145
Taro (HI)	0.5	0.5	Pound	NA	NA

See footnotes at end of table.

Table 9-23.—Crops: Area, yield, production, and value, United States, 1998–99 [1]—Continued

Crop	Production			Value of production	
	Unit	1998	1999 [4]	1998	1999 [4]
		Thousands	*Thousands*	*1,000 dollars*	*1,000 dollars*
Grains & Hay:					
Barley [5]	Bushel	352,125	281,853	686,517	552,941
Corn for Grain	Bushel	9,758,685	9,437,337	18,922,084	17,949,707
Corn for Silage	Ton	95,479	96,169	.....	.....
Hay, All	Ton	151,780	159,077	11,606,734	10,889,893
Alfalfa	Ton	82,310	83,924	6,951,140	6,254,082
All Other	Ton	69,470	75,153	4,655,594	4,645,811
Oats [5]	Bushel	165,981	146,218	199,748	169,873
Proso Millet	Bushel	.....	17,910.0	.....	.....
Rice	Cwt	188,051	210,458	1,686,580	1,257,071
Rye [5]	Bushel	12,161	10,993	30,404	25,054
Sorghum for Grain	Bushel	519,933	595,166	905,468	970,966
Sorghum for Silage	Ton	3,526	3,716	.....	.....
Wheat, All [5]	Bushel	2,547,321	2,302,443	6,780,623	5,903,501
Winter [5]	Bushel	1,880,733	1,699,989	4,740,361	4,059,968
Durum [5]	Bushel	138,119	99,322	452,860	298,676
Other Spring [5]	Bushel	528,469	503,132	1,587,402	1,544,857
Oilseeds:					
Canola	Pound	1,557,800	1,363,680	160,112	106,685
Cottonseed	Ton	5,365	6,422	687,179	562,468
Flaxseed	Bushel	6,708	7,880	33,809	31,000
Mustard Seed	Pound	81,750	48,010	11,140	5,463
Peanuts	Pound	3,963,440	3,870,200	1,125,919	991,827
Rapeseed	Pound	6,360	5,080	656	441
Safflower	Pound	411,985	404,715	58,295	55,334
Soybeans for Beans	Bushel	2,741,014	2,642,908	13,493,891	12,451,149
Sunflower	Pound	5,273,162	4,341,862	536,971	353,472
Cotton, Tobacco & Sugar Crops:					
Cotton, All	Bale	13,918.2	16,952.9	4,119,911	3,836,490
Upland	Bale	13,475.9	16,257.4	3,923,827	3,563,399
Amer-Pima	Bale	442.3	695.5	196,084	273,091
Sugarbeets	Ton	32,499	33,319	1,181,494	.....
Sugarcane	Ton	34,707	35,721	1,060,842	.....
Tobacco	Pound	1,479,867	1,275,438	2,700,795	2,329,397
Dry Beans, Peas & Lentils:					
Austrian Winter Peas	Cwt	104	60	1,248	426
Dry Edible Beans	Cwt	30,418	33,230	567,243	587,857
Dry Edible Peas	Cwt	5,934	5,030	40,994	30,294
Lentils	Cwt	1,938	2,387	21,863	27,337
Wrinkled Seed Peas	Cwt	674	658	9,535	9,860
Potatoes & Misc.:					
Coffee (HI)	Pound	9,500	10,500	24,700	21,000
Ginger Root (HI)	Pound	18,000	16,100	7,200	8,050
Hops	Pound	59,548	64,456	100,728	108,153
Maple syrup	Gallons	1,159	1,180	32,213	32,288
Peppermint Oil	Pound	9,727	7,537	116,037	83,790
Potatoes, All	Cwt	475,771	478,398	2,633,198	2,782,762
Spearmint Oil	Pound	2,987	2,454	32,731	24,113
Sweet Potatoes	Cwt	12,382	11,980	189,789	215,759
Taro (HI)	Pound	6,000	6,800	3,180	3,604

See footnotes at end of table.

Table 9-23.—Crops: Area, yield, production, and value, United States, 1998–99 [1]—Continued

Crop	Area harvested [2]		Yield per harvested acre [3]		
	1998	1999 [4]	Unit	1998	1999 [4]
	Acres	*Acres*			
Apples, commercial crop	467,600	461,900	Ton	12.50	11.60
Apricots	21,380	20,380	Ton	5.54	4.46
Avocados [7]	65,640	NA	Ton	2.38	NA
Bananas	1,420	1,550	Ton	7.39	8.06
Berries	61,090	62,260	Ton	2.35	2.65
Cherries, sweet	57,290	58,400	Ton	3.69	3.85
Cherries, tart	40,320	39,900	Ton	4.32	3.20
Cranberries	36,600	37,200	Ton	7.44	8.59
Dates	4,900	4,900	Ton	5.08	4.57
Figs [6]	16,300	16,300	Ton	3.15	2.75
Grapes	856,170	882,710	Ton	6.80	6.99
Guava	710	NA	Ton	10.30	NA
Kiwifruit	5,300	5,300	Ton	6.91	4.72
Nectarines	35,500	35,500	Ton	6.31	7.77
Olives	35,300	35,300	Ton	2.55	4.11
Papayas	2,120	2,100	Ton	9.43	10.00
Peaches	159,440	156,380	Ton	7.53	8.06
Pears	66,180	66,120	Ton	14.40	14.80
Pineapples	21,000	21,000	Ton	NA	NA
Plums (California)	42,000	41,500	Ton	4.48	4.72
Prunes, dried (California)	83,000	83,000	Ton	3.97	6.67
Prunes and plums, fresh basis (excluding California)	4,470	4,210	Ton	5.73	5.44
Strawberries	45,230	45,560	Ton	18.10	19.90
Oranges [8]	828,000	831,400	Ton	16.51	11.89
Grapefruit [8]	171,700	156,800	Ton	15.10	16.07
Lemons [8]	62,700	61,600	Ton	14.31	12.13
Limes [8]	2,700	2,700	Ton	7.04	8.15
Tangerines [8]	41,500	41,100	Ton	8.67	7.96
Tangelos [8]	12,200	11,700	Ton	10.49	9.83
Temples [8]	6,200	6,000	Ton	16.27	13.50
K-Early Citrus [8]	300	200	Ton	6.67	20.00
Almonds [9]	460,000	480,000	Ton	1.02	1.65
Hazelnuts (filberts) [10]	29,530	29,200	Ton	0.52	1.30
Macadamia nuts [10]	19,200	18,900	Ton	1.50	1.40
Pecans [10]	NA	NA	Ton	NA	NA
Pistachios [10]	65,900	68,000	Ton	1.38	0.87
Walnuts [10]	193,000	193,000	Ton	1.18	1.47

See footnotes at end of table.

Table 9-23.—Crops: Area, yield, production, and value, United States, 1998–99 [1]—Continued

Crop	Production			Value of production	
	Unit	1998	1999 [4]	1998	1999 [4]
		Thousands	*Thousands*	*1,000 dollars*	*1,000 dollars*
Apples, commercial crop	Ton	5,824.2	5,370.7	1,322,319	1,678,891
Apricots	Ton	118.5	90.8	35,358	35,395
Avocados [7]	Ton	156.3	NA	331,938	NA
Bananas [12]	Ton	10.5	12.5	7,350	8,500
Berries	Ton	148.6	168.4	192,371	283,185
Cherries, sweet	Ton	211.5	224.7	226,236	242,885
Cherries, tart	Ton	174.1	127.7	44,356	NA
Cranberries	Ton	272.2	319.5	211,301	NA
Dates	Ton	24.9	22.4	30,378	27,776
Figs [6]	Ton	51.3	44.9	11,611	12,477
Grapes	Ton	5,820.0	6,169.4	2,642,188	2,945,073
Guava [12]	Ton	7.3	NA	1,781	NA
Kiwifruit	Ton	36.6	25.0	24,544	NA
Nectarines	Ton	224.0	276.0	105,466	113,371
Olives	Ton	90.0	145.0	41,331	67,154
Papayas [12]	Ton	20.0	21.0	12,589	15,729
Peaches	Ton	1,200.7	1,260.7	447,297	464,551
Pears	Ton	955.1	981.6	278,089	297,369
Pineapples [12]	Ton	332.0	352.0	92,776	98,520
Plums (California)	Ton	188.0	196.0	99,388	82,041
Prunes, dried (California)	Ton	329.6	553.6	78,692	NA
Prunes and plums, fresh basis (excluding California)	Ton	25.6	22.9	7,707	4,500
Strawberries	Ton	820.2	906.6	1,001,854	1,118,401
Oranges [8 13]	Ton	13,670	9,886	1,965,358	1,807,444
Grapefruit [8 13]	Ton	2,593	2,520	268,598	338,853
Lemons [8 13]	Ton	897	747	240,846	260,336
Limes [8 13]	Ton	19	22	5,235	8,216
Tangerines [8 13]	Ton	360	327	96,524	118,670
Tangelos [8 13]	Ton	128	115	11,950	18,431
Temples [8 13]	Ton	101	81	11,510	13,212
K-Early Citrus [8 13]	Ton	2	4	45	382
Almonds	Ton	469.3	669.4	703,590	677,280
Hazelnuts (filberts)	Ton	15.5	38.0	14,942	33,527
Macadamia nuts	Ton	28.8	26.5	37,375	35,510
Pecans	Ton	73.2	162.3	177,452	273,679
Pistachios	Ton	94.0	61.0	193,640	161,130
Walnuts	Ton	227.0	280.0	238,350	NA

See footnotes at end of table.

Table 9-23.—Crops: Area, yield, production, and value, United States, 1998–99 [1]—Continued

Crop	Area harvested [2]		Yield per harvested acre [3]		
	1998	1999 [4]	Unit	1998	1999 [4]
	Acres	*Acres*			
Commercial Vegetables:					
Fresh Market					
Artichokes	9,700	9,800	Cwt	90	115
Asparagus [11]	74,430	75,890	Cwt	27	29
Beans, lima	2,000	2,900	Cwt	20	35
Beans, snap	87,800	90,600	Cwt	56	61
Broccoli [11]	134,300	137,300	Cwt	129	145
Brussel sprouts	3,200	3,200	Cwt	160	130
Cabbage	76,280	74,850	Cwt	314	295
Cantaloups	100,560	109,650	Cwt	214	210
Carrots [11]	112,100	106,630	Cwt	332	355
Cauliflower [11]	44,200	46,400	Cwt	156	167
Celery	27,200	27,500	Cwt	662	681
Corn, sweet	237,400	242,300	Cwt	111	112
Cucumbers	57,280	59,900	Cwt	197	199
Eggplant	3,200	2,800	Cwt	240	254
Escarole/endive	2,930	2,880	Cwt	198	182
Garlic	38,000	40,000	Cwt	145	165
Honeydew melons	25,500	28,500	Cwt	192	215
Lettuce, head	198,400	199,100	Cwt	320	366
Lettuce, leaf	46,220	42,180	Cwt	223	226
Lettuce, Romaine	37,450	37,570	Cwt	285	278
Onions	166,340	169,200	Cwt	397	422
Peppers, bell	56,680	58,220	Cwt	257	263
Spinach	22,800	24,300	Cwt	130	130
Tomatoes	121,710	131,680	Cwt	268	270
Watermelons	169,390	175,960	Cwt	218	235
Processing:					
Beans, lima	50,640	54,980	Ton	1.47	1.23
Beans, snap	198,700	212,150	Ton	3.68	3.67
Beets	6,610	7,300	Ton	15.66	16.05
Cabbage for sauerkraut	7,050	6,180	Ton	24.48	28.78
Carrots	23,780	23,060	Ton	23.10	24.96
Corn, sweet	467,300	466,800	Ton	6.97	7.06
Cucumbers for pickles	102,870	102,800	Ton	5.77	5.96
Peas, green	273,900	271,640	Ton	1.77	1.70
Spinach	12,700	13,380	Ton	8.68	8.57
Tomatoes	299,960	350,410	Ton	31.34	36.63

See footnotes at end of table.

Table 9-23.—Crops: Area, yield, production, and value, United States, 1998–99 [1]—Continued

Crop	Production			Value of production	
	Unit	1998	1999 [4]	1998	1999 [4]
		Thousands	*Thousands*	*1,000 dollars*	*1,000 dollars*
Commercial Vegetables:					
Fresh Market					
Artichokes	Cwt	873	1,125	61,633	63,673
Asparagus [11]	Cwt	1,979	2,191	199,482	234,085
Beans, lima	Cwt	40	102	1,280	2,550
Beans, snap	Cwt	4,883	5,530	238,858	255,650
Broccoli [11]	Cwt	17,351	19,910	511,681	454,873
Brussel sprouts	Cwt	512	416	20,985	14,731
Cabbage	Cwt	23,946	22,069	303,695	229,853
Cantaloups	Cwt	21,492	22,988	383,128	392,993
Carrots [11]	Cwt	37,233	37,837	445,118	642,352
Cauliflower [11]	Cwt	6,897	7,742	226,560	217,328
Celery	Cwt	18,000	18,727	220,623	219,625
Corn, sweet	Cwt	26,311	27,248	452,410	458,632
Cucumbers	Cwt	11,263	11,921	225,587	217,504
Eggplant	Cwt	768	712	21,912	21,492
Escarole/endive	Cwt	580	524	18,176	14,111
Garlic	Cwt	5,510	6,600	207,511	198,990
Honeydew melons	Cwt	4,887	6,132	103,291	126,717
Lettuce, head	Cwt	63,401	72,799	1,023,427	971,205
Lettuce, leaf	Cwt	10,309	9,513	295,686	230,278
Lettuce, Romaine	Cwt	10,665	10,437	236,282	178,774
Onions	Cwt	66,024	71,379	826,141	654,282
Peppers, bell	Cwt	14,556	15,321	506,610	465,551
Spinach	Cwt	2,970	3,153	106,437	96,774
Tomatoes	Cwt	32,628	35,492	1,149,713	919,935
Watermelons	Cwt	36,974	41,325	285,248	268,031
Processing:					
Beans, lima	Ton	74,500	67,580	33,722	31,607
Beans, snap	Ton	730,990	778,430	125,373	134,501
Beets	Ton	103,530	117,200	6,361	6,976
Cabbage for sauerkraut	Ton	172,550	177,880	7,720	8,647
Carrots	Ton	549,280	575,640	37,537	39,758
Corn, sweet	Ton	3,255,560	3,297,910	238,748	234,448
Cucumbers for pickles	Ton	593,720	612,650	140,553	146,811
Peas, green	Ton	483,900	461,590	136,584	126,925
Spinach	Ton	110,190	114,720	14,144	15,019
Tomatoes	Ton	9,402,010	12,836,020	613,954	912,988

[1] Hawaii is included in commercial vegetables and in area and production of sugarcane, but is excluded from other crops. [2] Bearing acreage for citrus and noncitrus fruits and nuts. [3] Yield per bearing acreage for citrus and noncitrus fruits and nuts. [4] Preliminary. [5] Includes area seeded in preceding fall. [6] Fresh basis. [7] Year of bloom. [8] 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. [9] Yield derived from shelled basis. [10] Yield derived from the in-shell basis. [11] For breakdown between fresh market and processing, see individual crop tables. [12] Utilized production. [13] Equivalent packinghouse–door returns. NA-not available.

NASS, Crops Branch, (202) 720–2127.

Table 9-24.—Total farm input: Index numbers of farm input, by major subgroups, United States, 1987–96

[1992=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]
1987	101	101	100	120	102	100	97	95
1988	100	103	100	113	102	90	96	99
1989	100	104	102	108	101	95	91	103
1990	101	102	101	105	100	95	99	103
1991	102	106	100	103	101	100	99	104
1992	100	100	100	100	100	100	100	100
1993	101	96	98	97	100	105	101	110
1994	102	96	99	94	103	106	102	117
1995	101	92	98	92	109	90	109	121
1996	100	100	99	89	104	97	95	117

[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.

ERS, Environmental Indicators and Resource Accounting Branch (202) 694–5601.

Table 9-25.—Livestock and livestock products: Production and value, United States, 1996–98

Product	Production [1]			Value of production		
	1996	1997	1998 [2]	1996	1997	1998 [2]
	1,000 pounds	*1,000 pounds*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Cattle and calves	40,883,614	41,110,640	41,565,143	22,070,443	24,804,171	24,100,122
Sheep and lambs	572,344	602,535	555,689	440,686	489,564	355,581
Hogs	23,080,309	23,979,220	25,766,346	11,902,326	12,551,845	8,637,299
Broilers [3]	36,479,100	37,540,750	38,553,600	13,903,479	14,158,926	15,144,551
Mature chickens	900,652	925,499	934,568	59,187	71,461	75,542
Turkeys	7,222,834	7,225,059	7,002,768	3,124,496	2,884,377	2,661,706
Milk	154,006,000	156,091,000	157,441,000	23,002,715	21,125,886	24,520,387
Wool (shorn)	56,159	53,578	49,255	39,270	44,909	29,415
Mohair [4]	6,814	5,054	2,896	15,341	12,562	10,016
Catfish [5]	.....	.....	.....	425,383	426,827	475,309
Trout [6]	.....	.....	.....	71,998	79,765	78,911
Honey	199,511	196,536	220,316	177,166	147,795	147,254
	Millions	*Millions*	*Millions*			
Eggs	76,377	77,532	79,690	4,776,252	4,539,929	4,349,521

[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] Young chickens of meat–type strains raised for meat production. [4] AZ, NM, and TX. [5] Includes eggs, fingerlings and stockers. [6] Includes eggs, fingerlings and stockers, Sep 1 - Aug 31.

NASS, Livestock Branch, (202) 720–3570.

Table 9-26.—Agricultural productivity: Index numbers (1992=100) of farm output per unit of input, United States, 1987–96

Year	Productivity [1]	Year	Productivity [1]
1987	87	1992	100
1988	83	1993	94
1989	90	1994	105
1990	93	1995	100
1991	92	1996	106

[1] Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 9–25 by the index of total input in table 9–26.

ERS, Environmental Indicators and Resource Accounting Branch (202) 694–5601.

Table 9-27.—U.S. farm foods: Marketing bill, farm value, and consumer expenditures, 1989–98 [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*
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	424.5	122.2	546.7
1992	369.4	105.1	474.5	1997	444.6	121.9	566.5
1993	379.6	109.6	489.2	1998 [2]	465.8	118.8	584.6

[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 9-28.—Farm food products: Marketing costs, United States, 1989–98

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*
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	18.1	104.2	379.6
1994	186.1	43.3	21.8	17.9	20.9	112.6	402.6
1995	196.6	48.2	22.3	18.6	19.5	110.5	415.7
1996	204.6	47.7	22.9	19.6	20.7	109.0	424.5
1997	216.9	48.7	23.6	20.2	21.3	113.9	444.6
1998 [4]	227.9	50.4	24.4	20.7	22.2	120.2	465.8

[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 9-29.—Price components: Market basket of farm-originated food products by food group, United States, 1989–98 [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*
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	156	111	180	25	174	126	181	9
1997	160	106	189	23	178	108	187	7
1998 [5]	163	103	195	22	181	94	193	6

	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*
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	140	100	181	36	216	133	257	20
1997	144	101	189	36	220	128	264	19
1998 [5]	142	85	200	30	237	133	287	18

	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*
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	137	121	143	24
1996	142	107	174	36	141	112	151	22
1997	146	98	189	32	142	109	154	21
1998 [5]	151	113	186	36	147	119	157	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*
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	152	126	183	44	144	122	152	20
1997	157	121	198	41	148	116	158	19
1998 [5]	157	126	193	43	151	115	162	18

[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 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1997 and 1998

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1997 [2]	1998 [2]	1997	1998
		Dollars	*Dollars*	*Dollars*	*Dollars*
Basic commodities:					
Cotton:					
American Upland	pound	0.652	0.602	1.70	1.71
Extra long staple	pound	1.014	0.924	2.27	2.24
Wheat	bushel	3.38	2.65	9.44	9.64
Rice	cwt	9.70	8.50	25.60	26.80
Corn	bushel	2.43	1.94	6.33	6.54
Peanuts	pound	0.283	0.284	0.651	0.644
Tobacco:					
Flue-cured, types 11–14	pound	1.720	1.756	3.79	3.80
Va., fire-cured, type 21	pound	2.125	1.936	3.53	3.71
Ky.-Tenn., fire-cured, types 22–23	pound	2.256	2.225	4.59	4.74
Burley, type 31	pound	1.885	1.903	3.92	4.00
Maryland, type 32 [4]	pound	1.576	1.291	3.41	3.31
Dark air-cured, types 35–36	pound	2.017	1.955	3.83	3.98
Sun-cured, type 37	pound	1.908	1.709	3.17	3.32
Pa., seedleaf, type 41	pound	1.600	1.300	2.67	2.84
Cigar binder type 51	pound	7.273	5.499	6.50	7.46
Puerto Rican filler, type 46	pound	.....	.....	2.62	2.64
Cigar filler types 54–55	pound	1.505	1.497	3.15	3.25
Designated nonbasic commodities:					
All milk, sold to plants	cwt	13.36	15.41	29.20	29.30
Fluid market	cwt	13.40	15.44	.....	.....
Manufacturing grade	cwt	12.17	14.33	.....	.....
Honey, all	pound	0.752	0.655	1.30	1.31
Wool and mohair:					
Wool [5]	pound	0.840	0.600	4.09	4.12
Mohair [6]	pound	2.25	2.48	10.90	11.00
Other nonbasic commodities:					
Field crops and miscellaneous:					
Barley	bushel	2.38	1.98	5.77	5.89
Beans, dry edible	cwt	19.30	19.00	49.70	50.20
Cottonseed	ton	121.00	129.00	232.00	239.00
Crude pine gum	barrel	.....	.....	211.00	212.00
Flaxseed	bushel	5.81	5.05	11.30	11.90
Hay, all, baled	ton	100.00	84.60	180.00	188.00
Hops	pound	1.60	1.62	3.62	3.60
Oats	bushel	1.60	1.10	3.59	3.61
Peas, dry edible	cwt	7.40	5.90	28.60	28.80
Peppermint oil	pounds	12.90	11.60	30.30	30.70
Popcorn, shelled basis	cwt	.....	.....	27.40	27.60
Potatoes	cwt	5.64	5.56	12.70	12.80
Rye	bushel	3.75	2.49	4.59	4.96
Sorghum grain	cwt	3.95	2.97	10.00	10.30
Soybeans	bushel	6.47	4.93	13.70	14.10
Spearmint oil	pound	11.90	10.90	28.90	28.70
Sweetpotatoes	cwt	15.80	15.30	18.90	24.60
Tobacco:					
Cigar wrapper, type 61	pound	.....	.....	39.10	39.30
Fruits:					
Citrus (equiv. on-tree): [7]					
Grapefruit	box	1.93	2.00	10.70	10.70
Lemons	box	8.36	6.57	17.40	17.50
Limes, Florida	box	6.93	6.90	19.70	18.50
Oranges	box	4.22	4.29	13.60	13.70
Tangelos, Florida	box	2.19	1.66	.....	.....
Tangerines	box	9.48	8.84	28.80	29.00
Temples, Florida	box	3.22	3.07	11.40	11.50
Deciduous and other:					
Apples:					
For all sales	pound	0.154	0.123	.....	.....
For fresh consumption [8]	pound	0.221	0.171	0.439	0.435
For processing [9]	ton	130.00	98.00	277.00	279.00
Apricots:					
For all sales	ton	332.00	327.00	.....	.....
For fresh consumption [10]	ton	558.00	578.00	2,230.00	2,140.00
Dried, California (dried basis) [9]	ton	1,810.00	1,860.00	4,680.00	4,530.00
For processing (except dried) [9]	ton	275.00	260.00	642.00	630.00
Avocados [10]	ton	1,560.00	1,480.00	2,140.00	2,150.00

See footnotes at end of table.

Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1997 and 1998—Continued

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1997 [2]	1998 [2]	1997	1998
		Dollars	Dollars	Dollars	Dollars
Deciduous and other—Con.					
Berries for processing:					
Blackberries (Oregon)	pound	0.403	0.448	0.939	0.946
Boysenberries (California & Oregon)	pound	0.579	0.525	1.330	1.340
Gooseberries	pound	.....	.....	0.565	0.569
Loganberries (Oregon)	pound	1.190	0.864	0.914	0.920
Raspberries, black (Oregon)	pound	1.900	2.100	1.610	1.620
Raspberries, red (Oregon & Washington)	pound	0.489	0.391	1.280	1.290
Cherries:					
Sweet	ton....	1,250.00	1,090.00	2,230.00	2,330.00
Tart	pound....	0.159	0.143	0.550	0.554
Cranberries [11]	barrel....	63.70	41.60	108.00	108.00
Dates, California [10]	ton....	11.00	1,130.00	1,970.00	1,920.00
Figs, California	ton....	265.00	248.00	.....	.....
Grapes:					
For all sales	ton....	402.00	417.00	.....	.....
Raisin varieties dried, California (dried basis) [9]	ton....	908.00	1,200.00	2080.00	2070.00
Nectarines (California):					
For all sales	ton....	375.00	472.00	.....	.....
For fresh consumption [19]	ton....	.....	.....	933.00	936.00
For processing [19]	ton....	.....	.....	73.00	72.70
Olives (California): [12]					
For all sales	ton....	642.00	459.00	.....	.....
Crushed for oil	ton....	11.00	11.00	25.60	24.70
For all sales (except crushed)	ton....	.....	.....	.....	.....
For canning	ton....	760.00	590.00	1,420.00	1,430.00
Peaches:					
For all sales	pound....	0.177	0.189	.....	.....
For fresh consumption [8]	pound....	0.244	0.294	0.608	0.608
Dried, California (dried basis) [9]	ton....	612.00	550.00	2,120.00	1,910.00
For processing California (except dried):					
Clingstone [12]	ton....	260.00	219.00	467.00	479.00
Freestone [9]	ton....	194.00	188.00	406.00	409.00
Pears:					
For all sales	ton....	276.00	291.00	.....	.....
For fresh consumption [8]	ton....	329.00	371.00	761.00	785.00
Dried, California (dried basis) [9]	ton....	1,020.00	1,500.00	2,120.00	2,170.00
For processing (except dried) [9]	ton....	213.00	197.00	450.00	458.00
Plums (California):					
For all sales [10]	ton....	312.00	529.00	.....	.....
For fresh consumption [19]	ton....	.....	.....	812.00	810.00
For processing [19]	ton....	.....	.....	53.20	27.30
Prunes, dried (California) [9]	ton....	798.00	836.00	1,850.00	1,860.00
Prunes and plums (excl. California):					
For fresh consumption [13]	ton....	448.00	476.00	844.00	888.00
For processing (except dried) [9]	ton....	134.00	162.00	320.00	331.00
Strawberries:					
For fresh consumption [14]	pound....	0.656	0.740	1.27	1.28
For processing [9]	pound....	0.271	0.318	0.591	0.584
Sugar crops:					
Maple sirup	gallon....	27.10	27.20	.....	.....
Sugarbeets	ton....	38.80	35.50	89.20	89.80
Sugarcane for sugar	ton....	28.10	28.20	66.20	66.60
Tree nuts: [15]					
Almonds	pound....	1.56	1.40	3.21	3.28
Hazelnuts	ton....	899.00	964.00	1,760.00	1,750.00
Pecans, all	pound....	0.774	1.210	1.96	2.03
Improved	pound....	0.933	1.350	.....	.....
Seedling	pound....	0.530	0.772	.....	.....
Walnuts	ton....	1,430.00	1,010.00	2,240.00	2,260.00

See footnotes at end of table.

Table 9-30.—Farm product prices: Marketing year average prices received by farmers; Parity prices for January, United States, 1997 and 1998—Continued

Commodity and unit		Marketing year average price [1]		Parity price [3]	
		1997 [2]	1998 [2]	1997	1998
		Dollars	*Dollars*	*Dollars*	*Dollars*
Vegetables for fresh market: [14]					
Artichokes, California	cwt....	79.50	69.10	68.90	69.40
Asparagus	cwt....	108.00	126.00	188.00	198.00
Broccoli	cwt....	29.10	30.80	55.10	56.00
Cabbage	cwt....	11.10	13.10	20.90	21.00
Cantaloups	cwt....	18.00	18.50	32.30	32.50
Carrots [16]	cwt....	12.90	12.30	23.50	26.70
Cauliflower [16]	cwt....	32.30	36.20	63.30	64.20
Celery [16]	cwt....	14.70	12.20	27.70	28.40
Cucumbers	cwt....	17.70	19.50	34.50	34.80
Eggplant	cwt....	23.90	28.10	36.50	36.80
Escarole/Endive	cwt....	23.80	31.30	47.00	47.30
Garlic, California	cwt....	47.90	34.80	44.40	44.70
Green peppers [16]	cwt....	32.10	33.70	54.50	54.90
Honeydew melons	cwt....	18.90	20.30	36.40	37.40
Lettuce	cwt....	17.60	15.20	32.40	32.60
Onions [16]	cwt....	11.90	14.30	25.90	26.20
Snap beans	cwt....	40.60	48.20	68.30	68.80
Spinach	cwt....	31.30	36.50	59.80	60.20
Sweet corn	cwt....	17.70	17.60	35.90	36.90
Tomatoes	cwt....	31.70	35.00	65.60	66.80
Watermelons	cwt....	7.64	7.71	12.80	12.90
Vegetables for processing: [9]					
Asparagus	ton....	1,220.00	1,220.00	2,290.00	2,330.00
Beets	ton....	66.70	61.30	118.00	119.00
Cabbage	ton....	45.20	44.10	91.10	91.70
Cucumbers	ton....	234.00	227.00	.....	.....
Green peas	ton....	288.00	282.00	558.00	570.00
Lima beans	ton....	458.00	451.00	1,020.00	1,020.00
Snap beans	ton....	176.00	169.00	386.00	389.00
Spinach	ton....	105.00	128.00	220.00	221.00
Sweet corn	ton....	74.90	73.60	153.00	156.00
Tomatoes	ton....	60.70	57.70	141.00	140.00
Livestock and livestock products:					
All beef cattle	cwt....	63.10	59.60	151.00	151.00
Cows	cwt....	34.80	33.70	.....	.....
Steers and heifers	cwt....	66.80	62.80	.....	.....
Calves	cwt....	78.90	78.80	192.00	192.00
Beeswax	pound...	.....	.....	4.41	4.44
Chickens:					
Excluding broilers, live	pound...	0.077	0.080	.....	.....
Broilers, live	pound...	0.377	0.393	.....	.....
All Eggs	dozen...	0.703	0.655	1.42	1.44
Hogs	cwt....	52.90	34.40	103.00	102.00
Lambs	cwt....	90.30	72.30	152.00	154.00
Milk cows [17]	head....	1,100.00	1,120.00	.....	.....
Milk, retail [18]	quart...	0.733	0.814	.....	.....
Sheep	cwt....	37.90	30.60	61.50	62.80
Turkeys, live	pound...	0.399	0.380	0.380	0.877

[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 1996 relate to the citrus crop designated as 1996–97 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.

NASS, Livestock and Economic Branch, (202) 720–3570.

Table 9-31.—Producer prices: Index numbers, by groups of commodities, United States, 1990–99

[1982=100]

Year	Total finished goods	Consumer foods	Finished goods [1]	Total consumer goods	Total intermediate materials	Total crude materials
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	131.8	134.5	128.2	130.2	125.6	110.9
1998	130.7	134.3	126.4	128.9	123.0	96.7
1999 [2]	133.1	135.1	130.6	132.1	123.2	98.2

[1] Excluding consumer foods. [2] Preliminary.

ERS, Food Marketing Branch, (202) 694–5389. Compiled from reports of the U.S. Department of Labor.

Table 9-32.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1990–99 [1]

[1910–14=100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & nuts [2]	Commercial vegetables	Other crops
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	785	510
1994	377	381	559	1,532	600	632	731	517
1995	426	400	653	1,559	568	680	806	525
1996	497	521	626	1,592	700	824	740	532
1997	406	418	573	1,570	715	760	818	532
1998	327	357	546	1,572	586	766	795	532
1999 [4]	290	312	453	1,542	453	830	741	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]
1990	674	507	1,068	841	294	804	660	50
1991	501	496	1,025	752	280	757	632	47
1992	444	498	971	805	272	743	626	47
1993	539	505	1,011	787	295	768	643	47
1994	556	520	910	797	298	727	634	45
1995	541	553	868	783	300	707	646	44
1996	576	624	882	914	337	761	712	47
1997	457	570	933	820	319	755	679	43
1998	501	523	804	950	329	740	642	42
1999 [4]	512	484	830	900	307	728	612	40

[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 9-33.—Prices received by farmers: Index numbers by groups of commodities and ratio, United States, 1990–99 [1]

(1990–92=100)

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit & Nuts [2]	Commercial vegetables	Other Crops
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	117	103
1994	119	106	109	101	110	90	109	105
1995	134	112	127	103	104	97	121	106
1996	157	146	122	105	128	118	111	108
1997	128	117	112	104	131	109	122	108
1998	103	100	107	104	107	110	119	108
1999 [4]	91	88	88	102	83	119	111	108

Year	Potatoes and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Livestock and live-stock products	All farm products	Ratio [3]
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	114	127	87	114	120	99	112	98
1997	90	116	92	102	113	98	107	90
1998	99	106	79	119	117	97	101	88
1999 [4]	101	98	82	112	109	95	97	84

[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 9-34.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1989–98

(1990–92=100)

	Production indexes								
Year	Production (all commodities)	Feed	Livestock & Poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and Repairs	Autos and trucks
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	104	102	104	101	96	109	93	107	107
1994	106	106	94	108	105	112	89	109	111
1995	108	103	82	110	121	116	89	112	115
1996	115	129	75	115	125	119	102	115	118
1997	118	125	94	119	121	120	106	118	119
1998	115	110	88	122	112	122	88	119	119

	Production indexes								
Year	Farm machinery	Building Materials	Farm services [1]	Rent	Interest	Taxes	Wage rates [2]	Production, interest, taxes, and wage rates	Commodities, interest, taxes, and wage rates [3]
1989	94	96	91	.....	106	91	95	97	96
1990	96	99	96	96	107	95	96	99	99
1991	100	100	98	100	100	101	100	100	100
1992	104	101	103	104	93	104	105	101	101
1993	107	106	110	100	87	108	108	103	104
1994	113	109	110	108	94	106	111	106	106
1995	120	114	115	117	102	109	114	108	109
1996	125	115	116	128	106	112	117	115	115
1997	128	118	116	136	106	115	123	118	118
1998	133	118	117	134	109	119	129	116	117

[1] The Farm Service and Rent indexes were combined prior to 1992. [2] Simple average of seasonally adjusted quarterly indexes. [3] Family Living component included.

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Table 9-35.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1989–98

[1910–14=100]

Year	Family living	Production indexes							
		Production (all commodities)	Feed	Livestock and poultry	Seed	Fertilizer	Agricultural chemicals	Fuels	Supplies and repairs
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	973	480	1,308	983	376	624	802	713
1992	1,327	979	485	1,223	976	366	638	740	736
1993	1,369	1,006	497	1,327	1,002	352	672	717	757
1994	1,404	1,030	518	1,207	1,071	387	695	689	776
1995	1,447	1,051	502	1,047	1,088	444	717	690	798
1996	1,490	1,118	631	962	1,142	458	736	789	816
1997	1,525	1,151	600	1,179	1,179	443	745	816	835
1998	1,548	1,114	538	1,126	1,208	412	753	682	846

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 rent					
1989	2,477	2,360	1,306	1,088	2,645	2,442	3,538	1,299	1,261
1990	2,585	2,412	1,339	1,142	2,685	2,543	3,583	1,332	1,310
1991	2,647	2,510	1,358	1,176	2,516	2,707	3,757	1,347	1,334
1992	2,724	2,599	1,377	1,237	2,321	2,789	3,930	1,353	1,348
1993	2,833	2,689	1,436	1,262	2,191	2,886	4,055	1,384	1,381
1994	2,958	2,843	1,488	1,304	2,367	2,828	4,140	1,419	1,416
1995	3,053	3,009	1,553	1,384	2,548	2,915	4,278	1,456	1,454
1996	3,126	3,128	1,569	1,442	2,652	3,001	4,389	1,540	1,531
1997	3,161	3,228	1,602	1,477	2,662	3,093	4,591	1,586	1,575
1998	3,152	3,331	1,605	1,472	2,739	3,185	4,836	1,556	1,555

[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.

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Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 1996–99 [1]

Commodity	Unit	1996	1997	1998	1999
		Dollars	*Dollars*	*Dollars*	*Dollars*
Fuels and energy:					
Diesel fuel [2] [3]	Gal	0.920	0.874	0.740	0.728
Gasoline, service station, unleaded [4]	Gal	1.22	1.23	1.06	1.10
Gasoline, service station, bulk delivery [4]	Gal	12.6	1.26	1.09	1.13
L. P. gas, bulk delivery [2]	Gal	0.804	0.852	0.764	0.699
Feeds:					
Alfalfa Meal	Cwt	12.30	13.60	13.80	12.80
Alfalfa Pellets	Cwt	12.40	13.40	13.60	12.80
Bran	Cwt	13.00	14.20	13.80	13.40
Beef Cattle Concentrate.					
32-36% Protein	Ton	316	325	292	258
Corn Meal	Cwt	10.60	9.30	8.57	754
Cottonseed Meal, 41%	Cwt	16.80	17.20	16.00	14.60
Dairy Feed					
14% Protein	Ton	216	202	186	167
16% Protein	Ton	225	215	194	180
18% Protein	Ton	238	230	206	181
20% Protein	Ton	239	238	207	186
32% Protein Conc.	Ton	333	362	302	272
Hog Feed					
14-18% Protein	Ton	252	252	227	200
38-42% Protein Conc.	Ton	351	389	317	280
Molasses, Liquid	Cwt	11.80	12.20	11.90	12.00
Poultry Feed:.					
Broiler Grower	Ton	265	270	257	242
Chick Starter	Ton	280	284	268	242
Laying Feed	Ton	258	251	224	208
Turkey Grower	Ton	312	305	278	261
Soybean Meal, 44%	Cwt	15.60	17.70	14.30	12.20
Stock Salt	50 Lb	3.82	3.92	3.91	3.99
Trace Mineral Blocks	50 Lb	4.90	5.05	4.98	4.98

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 1996–99 [1]—Continued

Commodity	Unit	1996	1997	1998	1999
		Dollars	*Dollars*	*Dollars*	*Dollars*
Fertilizer: [5]					
0-15-40	Ton	186	182	189	195
0-18-36	Ton	183	180	191	192
0-20-20	Ton	194	185	195	200
3-10-30	Ton	170	164	165	178
5-10-10	Ton	155	153	148	151
5-10-15	Ton	171	159	167	170
5-10-30	Ton	181	174	177	184
5-20-20	Ton	196	185	190	193
6- 6- 6	Ton	175	178	188	197
6- 6-18	Ton	193	193	214	209
6-12-12	Ton	167	159	156	164
6-24-24	Ton	232	224	228	231
8- 8- 8	Ton	161	160	155	159
8-20- 5	Ton	217	219	226	248
8-32-16	Ton	251	239	236	235
9-23-30	Ton	220	210	214	215
10- 3- 3	Ton	146	146	([6])	([6])
10- 6- 4	Ton	181	180	164	151
10-10-10	Ton	176	173	172	171
10-20-10	Ton	217	209	202	200
10-20-20	Ton	226	224	222	213
10-34- 0	Ton	255	253	260	252
11-52- 0	Ton	310	289	283	277
13-13-13	Ton	205	196	197	193
15-15-15	Ton	242	239	231	215
16- 0-13	Ton	171	175	160	131
16- 4- 8	Ton	231	230	236	228
16- 6-12	Ton	184	177	170	163
16-16-16	Ton	290	272	279	264
16-20- 0	Ton	259	247	250	244
17-17-17	Ton	236	226	216	212
18-46- 0 (DAP)	Ton	294	272	264	264
19-19-19	Ton	242	233	222	216
24- 8- 0	Ton	189	180	162	156
Ammonium Nitrate	Ton	233	227	193	181
Anhydrous Ammonia	Ton	303	303	253	211
Aqua Ammonia	Ton	113	111	118	97.30
Limestone, Spread on field	Ton	17.50	18.20	18.50	18.10
Muriate of Potash, 60–62% K2O	Ton	153	152	163	168
Nitrate of Soda	Ton	256	265	266	265
Nitrogen Solutions.					
28% N	Ton	171	157	133	122
30% N	Ton	182	160	134	128
32% N	Ton	185	175	148	133
Sulfate of Ammonia	Ton	184	185	187	171
Superphosphate, 44-46% P2O5	Ton	258	257	253	255
Urea, 44-46% Nitrogen	Ton	278	257	195	176
Farm Machinery:					
Baler, Pick-Up, Automatic Tie, P.T.O.					
Square Conventional, Under 200 Lb Bales	Each	13,800	14,600	15,200	15,400
Round, 1200-1500 Lb Bale	Each	17,100	16,900	17,300	17,700
Round, 1900-2200 Lb Bale	Each	([7])	21,600	22,300	22,800
Chisel Plow, Maxiumum 1 Foot Depth of Tillage, Chisel or Sweep Type, Drawn or. Mounted, 16-20 Foot	Each	10,300	11,300	11,700	12,300
Combine, Self Propelled with Grain Head					
Extra-large capacity	Each	([7])	155,000	162,000	163,000
Large capacity	Each	137,000	135,000	140,000	142,000
Corn Head for Combine					
6 Row	Each	20,800	21,700	22,400	22,600
8 Row	Each	([7])	28,500	29,000	29,500
Cotton Picker, Self Propelled, with spindle, 4-Row	Each	192,000	195,000	198,000	207,000
Cultivator, Row Crop					
6-Row	Each	5,410	5,680	5,900	5,670
12-Row, Flexible	Each	11,900	12,500	13,500	13,300
Disk Harrow, Tandem, Drawn [8]					
15-17 Foot	Each	10,900	12,100	12,200	12,700
18-20 foot	Each	15,700	16,100	16,600	17,300

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 1996–99 [1]—Continued

Commodity	Unit	1996	1997	1998	1999
		Dollars	*Dollars*	*Dollars*	*Dollars*
Elevator, Portable, Without Power Unit,					
Auger Type, 8 Inch Diameter, 60 Foot	Each	3,760	3,660	3,660	3,870
Feed Grinder-Mixer, Trailer Mtd., P.T.O.	Each	11,800	12,200	12,900	12,900
Field Cultivator, Mounted or Drawn					
17-19 Foot	Each	8,280	9,060	9,670	9,920
20-25 Foot, Flexible	Each	12,100	12,500	13,500	13,800
Forage Harvester, P.T.O., Shear Bar,					
With Pick-Up Attachment	Each	22,600	23,500	24,200	25,500
With Row Crop Unit, 2-Row	Each	25,100	26,000	26,200	27,900
Forage Harvester, Self-propelled, Shear Bar,					
With 4–6 row	Each	([7])	177,000	191,000	200,000
Front-End Loader, Hydraulic, Tractor Mounted					
1800-2500 Lb. Capacity, 60 Inch Bucket	Each	4,660	4,860	4,910	5,060
Grain Drill, Most Common Spacing					
Plain, 15-17 Openers	Each	8,640	10,200	10,600	10,500
Press, 23-25 Openers	Each	13,300	14,400	16,300	15,600
With Fertilizer Attachment, 20-24 Openers	Each	10,500	11,700	12,700	13,400
Min/No-Till W/Fert. Attach., 15 Foot	Each	24,600	25,300	26,200	26,000
Hayrake, Side-Delivery, or Wheel Rake,					
Traction Drive, 8-12 Foot Working Width	Each	4,040	4,240	4,410	4,250
Hay Tedder, 15-18 Foot	Each	4,000	4,120	4,130	4,230
Manure Spreader, Conveyor Type, P.T.O.,					
2-Wheel, with Tires.					
141-190 Bushel Capacity	Each	5,830	6,250	6,330	6,300
225-300 Bushel Capacity	Each	8,090	8,440	8,610	9,010
Mower-Conditioner, P.T.O., Pull Type, with					
8-10 Foot, Sickle (Cutter) Bar or Disc	Each	12,000	12,200	12,600	12,700
14-16 Foot, Sickle (Cutter) Bar or Disc	Each	([7])	18,900	19,700	19,400
Mower, Mounted or Drawn,					
7-8 ft Sickle (Cutter) Bar	Each	3,940	4,130	4,220	4,370
13-14 Foot, Sickle (Cutter) Bar or Disc	Each	([7])	11,600	13,000	13,500
Planter, Row Crop					
With Fertilizer Attachment, 4-Row	Each	13,700	13,300	14,200	14,500
With Fertilizer Attachment, 8-Row	Each	24,400	25,800	25,700	26,000
With Fertilizer Attachment, 24-Row	Each	([7])	89,000	87,200	90,400
12-Row Conservation (No-Till Cond), w/Fert	Each	41,100	43,900	44,300	46,600
Rotary Hoe, 20-25 Foot	Each	5,260	5,700	5,940	6,320
Rotary Cutter, 7-8 Foot	Each	2,670	2,860	2,810	2,980
Sprayer, Field Crop, Power, Boom Type					
(Excl. Self-Propelled and Orchard).					
Tractor Mounted, w/ 300 Gal. Spray Tank	Each	3,880	4,290	4,350	4,940
Trailer Type, w/ 500-700 Gal. Spray Tank	Each	8,560	9,650	9,950	10,600
Tractor, 2-Wheel Drive					
30-39 P.T.O. horsepower	Each	15,000	15,400	15,300	15,400
50-59 P.T.O. horsepower	Each	20,600	21,200	21,800	21,900
70-89 P.T.O. horsepower	Each	30,900	31,800	32,800	32,300
110 - 129 P.T.O. horsepower	Each	55,400	57,400	59,500	60,100
140 - 159 P.T.O. horsepower	Each	71,500	74,800	77,100	79,000
190 - 220 P.T.O. horsepower	Each	([7])	102,000	105,000	109,000
Tractor, 4-Wheel Drive					
200 - 280 P.T.O. horsepower	Each	100,000	111,000	116,000	116,000
Wagon, Gravity Unload, W/Box and Running					
Gear, and Tires,					
200-400 Bushel Capacity					
Without Side Extensions	Each	3,520	3,720	3,870	3,960
Wagon, Running Gear, W/O Box					
8-10 Ton Capacity	Each	1,620	1,690	1,680	1,650
Windrower, Self-Propelled,					
14-16 Foot	Each	46,900	52,100	54,500	56,400
Agricultural Chemicals [9]:					
Fungicides:					
Basic Copper Sulfate, 53% WP	Lb	1.31	1.29	1.28	1.21
Benomyl (Benlate), 50% WP	Lb	18.30	18.20	18.30	18.60
Calcium Polysulfide (Lime Sulfur) Liq.Conc	Gal	5.94	6.14	6.39	6.91
Captan 50% WP	Lb	3.30	3.25	3.36	3.43
Chlorothalonil (Bravo), 6#/Gal EC	Gal	55.90	57.00	55.80	58.50
Copper Hydroxide (Kocide), 77% WP	Lb	2.58	2.56	2.53	2.53
Dodine (Cyprex), 65% WP	Lb	9.96	9.74	10.40	11.00
Ferbam (Carbamate), 76% WP	Lb	4.20	4.08	3.88	4.03
Fosethyl-AL (Aliette), 80% WP	Lb	16.10	13.30	12.70	13.10
Iprodione (Rovral), 50% WP	Lb	23.30	22.80	23.20	23.10
Mancozeb (Dithane 80% WP,Manzate 75% DF)	Lb	3.23	3.32	3.35	3.10
Maneb, 80% WP	Lb	2.98	3.13	3.11	3.12
Metalaxyl (Ridomil), 2#/Gal EC	Gal	172	177	180	187
Myclobutanil (Systhane), 40% WP	Lb	73.90	71.90	70.00	72.80
Oxytetraycline (Mycoshield), 17% WP	Lb	15.90	16.20	18.00	20.50
Rubigan (Fenarimol), 1#/Gal EC	Gal	314	301	314	321
Sulfur, 95% WP	Lb	.363	.335	.305	0.312
Triforine (Funginex), 1.6#/Gal EC	Gal	89.90	91.00	92.70	96.30
Triadimefon (Bayleton), 50% WP	Lb	61.70	63.60	66.70	67.50
Ziram, 76% WP	Lb	2.85	2.98	2.88	2.92

See footnotes at end of table.

Table 9-36.—Prices paid by farmers: April prices, by commodities, United States, 1996–99 [1]—Continued

Commodity	Unit	1996	1997	1998	1999
		Dollars	*Dollars*	*Dollars*	*Dollars*
Fumigants:					
Methyl Bromide (Terr-o-gas 98)	Lb	2.96	3.24	3.17	3.09
Herbicides:					
2,4-D, 4#/Gal EC	Gal	14.80	14.90	14.90	14.90
Acetochlor (Harness, Surpass), 6.4–7#/Gal EC	Gal	([7])	69.20	66.40	68.00
Alachlor (Lasso), 4#/Gal EC	Gal	28.70	25.30	25.70	24.90
Atrazine(AAtrex), 4#/Gal L	Gal	14.50	13.80	13.70	13.70
Bentazon (Basagran), 4#/Gal EC	Gal	74.80	76.30	78.60	78.70
Butylate (Sutan), 6.7#/Gal EC	Gal	20.80	19.60	21.10	21.50
Chlorimuron-ethyl (Classic), 25% DF	Oz	18.60	19.00	12.90	11.60
Chlorsulfuron (Glean), 75%	Oz	19.10	17.70	18.20	18.20
Cyanazine (Bladex), 4#/Gal EC	Gal	29.40	30.00	31.60	32.30
DCPA (Dacthal), 75% WP	Lb	7.93	8.31	12.10	12.60
Dicamba (Banvel), 4#/Gal EC	Gal	90.20	93.40	94.10	44.80
Diuron (Karmex, Diurex), 80% WP	Lb	5.20	5.25	5.26	5.11
EPTC (Eptan), 7E-(Eradicane),6.7#/Gal EC	Gal	29.00	30.50	32.30	32.40
Glyphosate (Roundup), 4#/Gal EC	Gal	55.70	56.70	56.30	45.50
Imazaquin (Scepter), 1.5#/Gal EC	Gal	210	225	([6])	([6])
Linuron (Lorox, Linex), 50% DF	Lb	11.70	12.00	11.90	12.10
MCPA, 4#/Gal, EC	Gal	16.80	16.80	16.90	16.50
Metolachlor (Dual), 8#/Gal EC	Gal	69.40	69.50	72.60	77.70
Metribuzin (Lexone or Sencor), 75% DF	Lb	27.70	27.70	22.00	21.20
Paraquat (Gramoxone Extra), 2.5#/Gal EC	Gal	36.20	37.80	39.00	34.80
MSMA (Super Arsonade), 4-6# Gal EC	Gal	23.60	24.70	24.30	21.00
Napropamide (Devrinol), 50% WP	Lb	8.66	8.93	9.21	9.26
Pendimethalin (Prowl),3.3#/Gal EC	Gal	29.20	29.40	29.60	28.70
Sethoxydim (Poast), 1.5#/Gal EC	Gal	112	101	89.60	84.30
Simazine (Princep), 4#/Gal EC	Gal	18.40	18.20	18.50	18.20
Terbacil (Sinbar), 80% WP	Lb	26.70	26.40	27.40	28.00
Trifluralin (Treflan), 4#/Gal EC	Gal	32.60	31.40	29.90	29.20
Insecticides:					
Acephate (Orthene), 75% SP	Lb	12.00	12.80	12.50	12.60
Aldicarb (Temik), 15% G	Lb	3.62	3.70	3.70	3.77
Azinphos-Methyl (Guthion), 50% WP	Lb	8.66	8.62	8.97	9.20
Bt (Dipel 2X), WP	Lb	12.50	12.30	12.10	12.10
Carbaryl, (Sevin), 80% WP	Lb	4.64	4.76	4.96	5.14
Carbofuran (Furadan), 15% G	Lb	1.99	1.99	2.24	([10])
Chlorpyrifos (Lorsban), 4#/Gal EC	Gal	51.10	50.70	51.00	51.00
Cyfluthrin (Baythroid) 2#/Gal EC	Gal	489	479	486	515
Cypermethrin,(Ammo 2.5-Cymbush 3#G)EC	Gal	256	252	264	258
Diazinon, 4#/Gal EC	Gal	36.50	36.10	34.90	35.70
Dicofol (Kelthane), 35% WP	Lb	9.98	10.20	10.60	10.40
Dicrotophos (Bidrin), 8#/Gal EC	Gal	87.30	88.60	86.80	88.80
Dimethoate (Cygon), 2.67#/Gal EC	Gal	31.20	32.90	34.70	35.10
Disulfoton (Di-Syston), 8#/Gal EC	Gal	75.40	76.30	79.50	82.00
Endosulfon (Thiodan, Phaser), 3#/Gal EC	Gal	40.30	39.10	39.40	37.30
Esfenvalerate (Asana XL),0.66#/Gal EC	Gal	149	148	148	136
Ethion 4#/Gal EC	Gal	35.70	38.60	41.60	36.10
Fonofos (Dyfonate II), 20% G	Lb	1.95	2.04	2.03	2.13
Imidacloprid (Admire, Provado),. 1.6–2#/Gal EC	Gal	([2])	537	552	567
Malathion, 5#/Gal EC	Gal	23.20	24.10	25.00	25.10
Methidathion (Supracide), 2#/Gal EC	Gal	52.20	50.60	55.70	57.80
Methomyl (Lannate) L), 1.81 #/Gal Liq.	Gal	47.00	48.00	46.70	48.30
Methyl Parathion, 4#/Gal EC	Gal	27.50	27.30	29.40	29.80
Oil, Superior Oil, Supreme, Volck	Gal	4.99	5.13	5.32	5.15
Oxamyl (Vydate-L), 2# L	Gal	61.90	61.80	63.50	64.60
Oxydemeton-Methyl (Metasystox-R). 2#/Gal EC	Gal	64.10	63.10	66.70	72.20
Oxythioquinox (Morestan), 25% WP	Lb	15.90	17.30	17.60	18.50
Phorate (Thimet), 20% G	Lb	2.03	2.14	2.24	2.40
Phosmet (Imidan, Prolate), 50% WP	Lb	5.44	5.79	6.22	6.25
Propargite (Comite, Omite), 30% WP	Lb	6.21	6.49	6.41	6.81
Synthetic Pyrethroids,. (Pounce 2.0, Ambush 3.2 #/Gal) EC	Gal	156	159	162	148
Terbufos (Counter), 15% G	Lb	2.20	2.31	2.56	2.65
Zeta–Cyermethrin (Fury), 1.5#/Gal EC	Gal	([7])	280	290	311
Other:					
Gibberellic Acid,(Ry3Up,Pro-Gibb)4.0% L	Gal	208	202	189	182
Nad Napthalene Acetamide, 8.4 WP	Lb	55.80	61.50	62.80	61.20

[1] Prices paid by famers are collected, for the most part, from retail establishments located in smaller cities and towns in rural areas. Prior to 1995, recorded prices reflected a modified annual average based on frequency item was surveyed during the year. Recorded item values, 1995-99, are the U.S. April average price. [2] Excludes Federal, State, and local per gallon taxes where applicable. [3] Excludes Federal excise tax. [4] Includes Federal, State, and local per gallon taxes. [5] Excludes cost of application, except for limestone. [6] Discontinued in 1998. [7] Added in 1997. [8] With hydraulic lift, transport wheels, and tires. [9] Formulation abbreviations: EC–Emulsifiable Concentrate, DF–Dry Flowable, DG–Dry Granular, G–Granular, L–Liquid, S–Solution, SP–Soluble Powder, and WP–Wettable Powder. [10] Insufficient data.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1990–99 [1 2]

Commodity and unit		1990	1991	1992	1993	1994
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Basic commodities:						
Corn:						
Target price	Bushel	2.75	2.75	2.75	2.75	2.75
Loan rate	do	1.57	1.62	1.72	1.72	1.89
Cotton:						
American upland: [3]						
Target price	Pound	0.7290	0.7290	0.7290	0.7290	0.7290
Loan rate	do	0.5027	0.5077	0.5235	0.5235	0.5000
Extra-long staple:						
Target price	do	0.9810	0.9960	1.0580	1.0570	1.0200
Loan rate	do	0.8177	0.8299	0.8815	0.8812	0.8503
Peanuts: [4]	do	0.3157	0.3214	0.3375	0.3375	0.3392
Rice:						
Target price	Cwt.	10.71	10.71	10.71	10.71	10.71
Loan rate	do	6.50	6.50	6.50	6.50	6.50
Wheat:						
Target price	Bushel	4.00	4.00	4.00	4.00	4.00
Loan rate	do	1.95	2.04	2.21	2.45	2.58
Tobacco:						
Flue-cured, types 11-14	Pound	1.488	1.528	1.560	1.577	1.583
Fire-cured, type 21	do	1.262	1.332	1.367	1.395	1.407
Fire-cured, types 22-23	do	1.297	1.367	1.421	1.464	1.483
Burley, type 31	do	1.558	1.584	1.649	1.683	1.714
Dark air-cured, types 35-36	do	1.107	1.169	1.217	1.255	1.273
Virginia sun-cured, type 37	do	1.115	1.177	1.208	1.233	1.245
Cigar filler, Puerto Rican, type 46	do	0.778	0.813	(5)	0.834	0.844
Ohio filler and Wisconsin binder,. types 42-44 and 53-55	do	0.962	1.014	1.054	1.074	1.084
Barley: [6]						
Target price	Bushel	2.36	2.36	2.36	2.36	2.36
Loan rate	do	1.28	1.32	1.40	1.40	1.54
Sorghum grain: [6]						
Target price	Cwt.	4.66	4.66	4.66	4.66	4.66
Loan rate	do	2.66	2.75	2.91	2.91	3.21
Oats: [6]						
Target price	Bushel	1.45	1.45	1.45	1.45	1.45
Loan rate	do	0.81	0.83	0.88	0.88	0.97
Rye: [6]	do	1.33	1.38	1.46	1.46	1.61
Nonbasic commodities:						
Beans, dry edible	Cwt.	(5)	(5)	(5)	(5)	(5)
Cottonseed	Ton	(5)	(5)	(5)	(5)	(5)
Minor oilseeds [7]	Pound	(5)	0.089	0.089	0.089	0.087
Soybeans	Bushel	4.50	5.02	5.02	5.02	4.92
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	10.10
Honey, extracted	Pound	0.538	0.538	0.538	0.538	0.500
Mohair	do	4.532	4.448	4.613	4.738	4.739
Wool	Pound	1.82	1.88	1.97	2.04	2.09

See footnotes at end of table.

Table 9-37.—Agricultural commodities: Support prices per unit, United States, 1990–99 [1] [2]—Continued

Commodity and unit		1995	1996	1997	1998	1999
		Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Basic commodities:						
Corn:						
Target price	Bushel	2.75	(9)	(9)	(9)	.....
Loan rate	do	1.89	1.89	1.89	1.89	.....
Cotton:						
American upland: [3]						
Target price	Pound	0.7290	(9)	(9)	(9)	.....
Loan rate	do	0.5192	0.5192	0.5192	0.5192	.....
Extra-long staple:						
Target price	do	0.9560	(9)	(9)	(9)	.....
Loan rate	do	0.7965	0.7965	0.7965	0.7965	.....
Peanuts: [4]	do	0.3392	0.3050	0.3050	0.3050	.....
Rice:						
Target price	Cwt.	10.71	(9)	(9)	(9)	.....
Loan rate	do	6.50	6.50	6.50	6.50	.....
Wheat:						
Target price	Bushel	4.00	(9)	(9)	(9)	.....
Loan rate	do	2.58	2.58	2.58	2.58	.....
Tobacco:						
Flue-cured, types 11-14	Pound	1.597	1.601	1.621	1.628	.....
Fire-cured, type 21	do	1.430	1.455	1.498	1.536	.....
Fire-cured, types 22-23	do	1.518	1.557	1.623	1.681	.....
Burley, type 31	do	1.725	1.737	1.760	1.778	.....
Dark air-cured, types 35-36.	do	1.304	1.339	1.398	1.45	.....
Virginia sun-cured, type 37.	do	1.265	1.288	1.326	1.36	.....
Cigar filler, Puerto Rican, type 46.	do	0.861	(5)	(5)	(5)	.....
Ohio filler and Wisconsin binder,.						
types 42-44 and 53-55	do	1.101	1.120	1.169	1.212	.....
Barley: [6]						
Target price	Bushel	2.36	(9)	(9)	(9)	.....
Loan rate	do	1.54	1.55	1.57	1.56	.....
Sorghum grain: [6]						
Target price	Cwt.	4.66	(9)	(9)	(9)	.....
Loan rate	do	3.21	3.23	3.14	3.11	.....
Oats: [6]						
Target price	Bushel	1.45	(9)	(9)	(9)	.....
Loan rate	do	0.97	1.03	1.11	1.11	.....
Rye: [6]	do	1.61	(10)	(10)	(10)	.....
Nonbasic commodities:						
Beans, dry edible	Cwt.	(5)	(5)	(5)	(5)	.....
Cottonseed	Ton	(5)	(5)	(5)	(5)	.....
Minor oilseeds [7]	Pound	0.087	0.0891	0.0930	0.0930	.....
Soybeans	Bushel	4.92	4.99	5.26	5.26	.....
Sugar, raw	Pound	0.1800	0.1800	0.1800	0.1800	.....
Milk for manufacturing	Cwt.	10.10	(11) 1035	(14) 1020	(15) 10.05	.....
Honey, extracted	Pound	0.500	(12)	(12)	(12)	.....
Mohair	do	4.657	(13)	(13)	(13)	.....
Wool	Pound	2.12	(13)	(13)	(13)	.....

[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] Loan rate was reduced from 63 to 61 cents per pound on December 23, 1987, because of the Omnibus Budget Reconciliation Act of 1987. [9] 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. [10] The rye price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. [11] As of January 1, 1996. [12] The honey price support program was terminated by the Federal Agriculture Improvement and Reform Act of 1996. [13] The wool and mohair support programs terminated as of December 31, 1995, as required by Public Law 103-130. [14] As of January 1, 1997. [15] As of January 1, 1998.

FSA, Economic Policy and Analysis Staff, (202) 720–3451

Table 9-38.—Farm income: Cash receipts by commodities groups and selected commodities, United States, 1991–98 [1]

Commodity	1991	1992	1993	1994
	100,000 dollars	*100,000 dollars*	*100,000 dollars*	*100,000 dollars*
All commodities	167,863.7	171,321.8	177,892.6	181,264.0
Livestock and products	85,786.4	85,636.0	90,445.5	88,178.5
Cattle and calves	38,696.6	37,272.3	39,486.9	36,252.2
Hogs	11,036.1	10,016.5	10,948.5	9,898.4
Sheep and lambs	399.4	459.5	533.3	510.8
Dairy products	18,006.6	19,736.3	19,261.5	19,983.3
Broilers	8,383.0	9,176.5	10,415.8	11,371.7
Farm chickens	67.3	82.8	96.4	73.1
Chicken eggs	3,901.3	3,384.5	3,779.4	3,789.8
Turkeys	2,353.0	2,396.7	2,509.7	2,643.0
Ducks	7.9	8.7	8.5	8.9
Other poultry	441.1	474.2	539.3	574.0
Misc. other livestock	2,494.1	2,628.9	2,866.1	3,073.1

Commodity	1995	1996	1997	1998
All commodities	188,055.4	199,137.8	207,611.2	196,761.4
Livestock and products	87,101.3	92,955.9	96,535.3	94,539.0
Cattle and calves	34,044.0	30,976.9	35,999.6	33,723.9
Hogs	10,254.9	12,565.2	13,053.6	9,396.2
Sheep and lambs	566.3	612.3	628.3	484.4
Dairy products	19,879.6	22,785.0	20,940.3	24,312.3
Broilers	11,762.2	13,904.5	14,159.2	15,146.6
Farm chickens	60.2	59.2	71.5	75.5
Chicken eggs	3,892.9	4,776.3	4,539.9	4,349.5
Turkeys	2,769.4	3,124.5	2,88125	2,661.7
Ducks	9.5	10.6	11.7	12.6
Other poultry	556.5	556.5	570.5	560.5
Misc. other livestock	3,305.8	3,584.8	3,679.4	3,815.9

Commodity	1991	1992	1993	1994
Crops	82,077.3	85,684.8	87,447.1	93,085.4
Food grains	7,325.4	8,467.5	8,179.9	9,545.0
Feed crops	19,327.3	20,098.4	20,198.9	20,310.4
Cotton	5,236.4	5,192.1	5,249.7	6,737.7
Tobacco	2,881.1	2,958.0	2,947.8	2,656.4
Oil crops	12,697.9	13,285.9	13,218.3	14,651.6
Vegetables	11,624.7	11,806.3	13,667.0	14,185.3
Fruits/nuts	9,922.9	10,178.7	10,263.1	10,315.3
All other crops	13,061.6	13,698.0	13,722.2	14,683.7

Commodity	1995	1996	1997	1998
Crops	100,954.1	106,181.9	111.075.9	10,222.4
Food grains	10,416.6	10,719.3	10,137.2	8,733.8
Feed crops	24,519.6	27,184.9	27,101.5	22,926.7
Cotton	6,851.1	6,983.1	6,345.6	6,013.2
Tobacco	2,548.4	2,795.5	2,874.3	2,989.3
Oil crops	1,549.6	16,343.7	19,673.4	17,198.5
Vegetables	15,040.2	14,439.0	14,961.3	15,337.3
Fruits/nuts	11,097.0	11,928.3	13,073.8	11,727.0
All other crops	14,988.7	15,789.0	16,909.1	17,296.5

[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 understate the 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@ERS.USDA.gov.

Table 9-39.—Farm income: Indicators by selected commodities, United States, 1991–98

Item	1991	1992	1993	1994
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
Gross farm income	191,949.8	200,534.7	204,758.3	216,076.9
Gross cash income	184,359.2	188,550.1	200,290.4	198,215.4
Farm marketings	167,863.7	171,321.8	177,892.6	181,263.9
Government payments	8,214.4	9,168.9	13,402.0	7,879.1
Farm-related income	8,281.1	8,059.3	8,995.8	9,072.3
Noncash income	7,797.6	7,829.1	8,665.6	9,578.9
Value of home consumption	642.1	617.6	594.9	554.0
Rental value of dwellings [1]	7,155.6	7,211.4	8,070.7	9,024.9
Value of inventory adjustment	(207.1)	4,155.5	(4,197.6)	8,282.6
Total production expenses	153,278.8	152,616.6	160,225.0	166,842.1
Net farm income	38,670.9	47,918.1	44,533.3	49,234.8

Item	1995	1996	1997	1998
Gross farm income	210,742.8	235,740.7	238,668.7	233,059.1
Gross cash income	205,844.3	217,449.8	227,503.2	222,778.1
Farm marketings	188,055.5	199,137.8	207,611.2	196,761.4
Government payments	7,253.4	7,339.7	7,495.3	12,219.6
Farm-related income	10,535.5	10,972.3	12,396.7	13,797.1
Noncash income	9,916.1	10,334.8	10,623.0	11,312.6
Value of home consumption	506.6	438.3	530.9	498.0
Rental value of dwellings [1]	9,409.5	9,851.5	10,092.1	10,814.6
Value of inventory adjustment	(5,017.7)	7,956.1	542.5	(1,031.6)
Total production expenses	173,530.9	180,815.0	190,046.1	188,970.4
Net farm income	37,211.9	54,925.7	48,622.6	44,088.7

[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@ers.usda.gov.

Table 9-40.—Expenses: Farm production expenses, United States, 1991–98 [1]

Item	1991	1992	1993	1994
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
Total production expenses	153,278.8	152,616.6	160,225.0	166,842.1
Feed purchased	19,332.8	20,133.0	21,431.2	22,631.2
Livestock and poultry purchased	14,129.1	13,574.2	14,742.0	13,300.0
Seed purchased	5,113.3	4,913.4	5,162.9	5,373.1
Fertilizer and lime	8,666.1	8,330.7	8,397.5	9,180.0
Pesticides	6,320.5	6,470.6	6,723.3	7,225.0
Fuel and oil	5,607.5	5,298.4	5,349.5	5,311.3
Other [1]	31,536.5	30,729.4	34,818.6	37,766.4
Interest	12,119.1	11,037.4	10,649.1	11,543.5
Contract and hired labor expenses	13,902.8	14,008.5	15,008.8	15,310.4
Net rent to nonoperator landlord [2]	9,913.0	11,077.2	10,743.9	11,547.6
Capital consumption	18,190.0	18,317.0	18,353.3	18,623.7
Property taxes	5,814.7	6,116.5	6,168.1	6,347.4

Item	1995	1996	1997	1998
Total production expenses	173,530.9	180,815.0	190,046.1	188,970.4
Feed purchased	23,829.3	25,234.2	26,331.6	25,031.4
Livestock and poultry purchased	12,510.0	11,298.8	13,817.7	12,691.3
Seed purchased	5,461.7	6,212.0	6,710.8	7,211.1
Fertilizer and lime	10,032.8	10,934.0	10,933.3	10,652.6
Pesticides	7,726.5	8,526.3	9,027.3	9,127.9
Fuel and oil	5,426.3	5,977.6	6,230.1	5,585.2
Other [1]	40,210.2	40,142.3	42,733.9	43,654.0
Interest	12,601.9	12,980.6	13,524.4	13,592.6
Contract and hired labor expenses	16,293.8	17,428.5	18,609.4	19,278.1
Net rent to nonoperator landlord [2]	10,950.8	12,994.6	12,938.2	12,625.9
Capital consumption	18,933.5	19,230.4	19,293.2	19,448.2
Property taxes	6,584.4	6,691.8	6,852.2	7,163.7

[1] Includes electricity, repair and maintenance, machine hire and customwork, marketing, storage and transportation, and miscellaneous expenses. [2] Includes landlord capital consumption.

ERS, Farm Structure and Performance Branch, (202) 694–5560. E-mail contact is rogers@ers.usda.gov.

Table 9-41.—Farm marketings: Cash receipts, government payments, and principal commodities, by States, 1998

State	Cash receipts			Government payments	Rank
	Total	Crops	Livestock and products		
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	
AK	47,037	19,860	27,177	1,404	50-Greenhouse, dairy, hay, potatoes(45%).
AL	3,283,129	696,391	2,586,738	96,932	26-Broilers, cattle/calves, cotton, chicken eggs(79%).
AR	5,421,870	2,171,726	3,250,144	466,712	12-Broilers, soybeans, rice, cotton(73%).
AZ	2,368,073	1,425,152	942,921	78,987	29-Cattle/calves, dairy, lettuce, cotton(66%).
CA	24,616,242	17,771,171	6,845,071	352,710	1-Dairy, grapes, greenhouse, cattle/calves(42%).
CO	4,309,508	1,452,853	2,856,655	257,887	17-Cattle/calves, corn, wheat, dairy(70%).
CT	508,594	280,854	227,740	2,433	43-Greenhouse, dairy, chicken eggs, tobacco(56%).
DE	773,791	164,339	609,452	10,770	40-Broilers, soybeans, greenhouse, dairy(84%).
FL	6,761,965	5,354,616	1,407,349	24,918	9-Greenhouse, oranges, tomatoes, sugar(53%).
GA	5,454,249	2,046,648	3,407,601	178,283	11-Broilers, cotton, peanuts, chicken eggs(69%).
HI	509,951	417,970	91,981	231	42-Pineapples, sugar, greenhouse, macadamia nuts(56%).
IA	10,994,252	6,216,645	4,777,607	1,146,046	3-Corn, soybeans, hogs, cattle/calves(87%).
ID	3,320,352	1,735,389	1,584,963	196,340	24-Dairy, cattle/calves, potatoes, wheat(70%).
IL	7,742,280	6,167,021	1,575,259	934,043	6-Corn, soybeans, hogs, cattle/calves(87%).
IN	4,884,568	3,245,248	1,639,320	463,999	15-Corn, soybeans, hogs, dairy(75%).
KS	7,784,013	3,246,911	4,537,102	872,524	5-Cattle/calves, wheat, corn, soybeans(84%).
KY	3,920,208	1,786,527	2,133,681	140,107	19-Tobacco, horses/mules, cattle/calves, broilers(71%).
LA	1,890,624	1,245,131	645,493	257,694	33-Sugar, rice, cotton, cattle/calves(53%).
MA	507,340	394,873	112,467	1,717	44-Greenhouse, cranberries, dairy, sweet corn(70%).
MD	1,520,218	571,292	948,926	38,037	35-Broilers, greenhouse, dairy, soybeans(71%).
ME	505,645	223,586	282,059	6,483	45-Potatoes, dairy, chicken eggs, aquaculture (68%).
MI	3,480,343	2,157,557	1,322,786	208,077	22-Dairy, greenhouse, soybeans, corn(58%).
MN	7,679,914	3,925,101	3,754,813	762,449	7-Soybeans, dairy, corn, hogs(66%).
MO	4,681,843	2,261,666	2,420,177	424,018	16-Soybeans, cattle/calves, corn, hogs(60%).
MS	3,454,358	1,285,208	2,169,150	281,899	23-Broilers, cotton, soybeans, aquaculture(75%).
MT	1,799,189	934,272	864,917	357,904	34-Cattle/calves, wheat, barley, hay(85%).
NC	7,163,967	3,246,807	3,917,160	129,375	8-Broilers, hogs, tobacco, greenhouse(66%).
ND	3,003,856	2,454,587	549,269	601,846	28-Wheat, cattle/calves, sunflower, soybeans(59%).
NE	8,848,014	3,724,514	5,123,500	797,382	4-Cattle/calves, corn, soybeans, hogs(89%).
NH	151,147	82,167	68,980	1,859	48-Dairy, greenhouse, apples, cattle/calves(71%).
NJ	828,318	650,058	178,260	5,492	39-Greenhouse, horses/mules, dairy, cranberries(52%).
NM	1,950,222	513,221	1,437,001	60,441	32-Cattle/calves, dairy, hay, greenhouse(81%).
NV	336,613	142,748	193,865	2,673	47-Cattle/calves, hay, dairy, greenhouse(80%).
NY	3,145,799	1,054,005	2,091,794	59,675	26-Dairy, greenhouse, apples, cattle/calves(73%).
OH	4,972,519	3,124,412	1,848,107	313,123	14-Soybeans, corn, dairy, greenhouse(65%).
OK	3,900,273	1,062,193	2,838,080	303,236	20-Cattle/calves, wheat, broilers, hogs(77%).
OR	3,091,992	2,329,995	761,997	99,952	27-Greenhouse, cattle/calves, hay, dairy(47%).
PA	4,174,592	1,260,720	2,913,872	45,356	18-Dairy, greenhouse, cattle/calves, chicken eggs(65%).
RI	64,866	55,770	9,096	167	49-Greenhouse, dairy, sweet corn, potatoes(802%).
SC	1,511,115	747,911	763,204	62,366	36-Broilers, greenhouse, tobacco, turkeys (55%).
SD	3,508,037	1,951,260	1,556,777	429,613	21-Cattle/calves, soybeans, corn, wheat(73%).
TN	2,215,587	1,177,114	1,038,473	127,962	31-Cattle/calves, broilers, dairy, tobacco(51%).
TX	13,206,203	4,986,047	8,220,156	998,457	2-Cattle/calves, cotton, greenhouse, dairy(71%).
UT	980,866	244,728	736,138	24,981	37-Cattle/calves, dairy, hay, hogs(69%).
VA	2,328,428	767,810	1,560,618	45,603	30-Broilers, dairy, cattle/calves, turkeys (55%).
VT	556,765	84,425	472,340	4,475	41-Dairy, cattle/calves, greenhouse, hay(90%).
WA	5,154,635	3,424,474	1,730,161	257,165	13-Dairy, apples, cattle/calves, wheat(52%).
WI	6,193,000	1,700,577	4,492,423	252,787	10-Dairy, corn, cattle/calves, soybeans(79%).
WV	404,745	69,180	335,565	5,280	46-Broilers, cattle/calves, dairy, turkeys(72%).
WY	850,295	169,656	680,639	28,690	38-Cattle/calves, hay, sugar beets, sheep/lambs(85%).
US	196,761,410	102,222,386	94,539,024	12,219,559	Cattle/calves, dairy prod, corn, soybeans (46%).

ERS, Farm Structure and Performance Branch, (202) 694–5592. E-mail contact is rogers@ers.usda.gov.

Table 9-42.—Average Income to Farm Operator Households, United States, 1995–98 [1]

Item	1995	1996	1997	1998
	Dollars per farm			
Net cash farm business income [2]	11,218	13,502	12,676	14,357
Less depreciation [3]	6,795	6,906	6,578	7,409
Less wages paid to operator [4]	522	531	513	637
Less farmland rental income [5]	769	672	568	543
Less adjusted farm business income due to other household(s) [6]	649	1,094	*1,505	1,332
	Dollars per farm operator household			
Equals adjusted farm business income	2,484	4,300	3,513	4,436
Plus wages paid to operator	522	531	513	637
Plus net income from farmland rental [7]	1,053	1,178	945	868
Equals farm self-employment income	4,059	6,009	4,971	5,941
Plus other farm-related earnings [8]	661	1,898	1,234	1,165
Equals earnings of the operator household from farming activities	4,720	7,906	6205	7,106
Plus earnings of the operator household from off-farm sources [9]	39,671	42,455	46,358	52,628
Equals average farm operator household income comparable to U.S. average household income, as measured by the CPS	44,392	50,361	52,562	59,734
	Dollars per U.S. household			
U.S. average household income [10]	44,938	47,123	49,692	51,855
	Percent			
Average farm operator household income as percent of U.S. average household income	98.8	106.9	105.8	115.2
Average operator household earnings from farming activities as percent of average operator household income	10.6	15.7	11.8	11.9

*The relative standard exceeds 25 percent, but is no more than 50 percent. [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] 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. [3] 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. [4] 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. [5] Gross rental income is subtracted here because net rental income from the farm operation is added below to income received by the household. [6] 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. [7] 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 1994, net rental income was collected as a part of off-farm income. [8] 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. [9] Income from wages, salaries, nonfarm businesses, interest, dividends, transfer payments, net rental income from nonfarm properties, etc. In 1994, also includes net rental income from farmland. [10] From the Current Population Survey.

ERS, Farm Structure and Performance Branch, (202) 694-5572. Sources: U.S. Dept. of Agriculture, Economic Research Service, 1994 and 1995 Farm Costs and Returns Survey, and 1996, 1997 and 1998 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 9-43.—Grazing fees: Rates for cattle by selected States and regions, 1997–99

State	Monthly lease rates for private non-irrigated grazing land [1]								
	Animal unit [2]			Cow-calf			Per head		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
	Dollars per month	*Dollars per month*	*Dollars per month*	*Dollars per month*	*Dollars per month*	*Dollars per month*	*Dollars per month*	*Dollars per month*	*Dollars per month*
AZ	6.50	6.70	7.40	8.50	9.50	9.75	7.90	8.30	8.00
CA	10.60	11.50	12.10	13.00	14.50	15.00	12.00	12.90	12.50
CO	11.30	11.80	12.00	13.60	13.90	14.20	10.60	11.50	10.90
ID	10.40	10.80	11.10	12.50	12.80	13.00	11.20	11.50	11.80
KS	10.50	12.90	11.50	12.80	14.80	13.00	9.80	11.90	11.50
MT	12.30	12.60	13.20	13.90	14.30	15.00	13.20	13.30	14.00
NE	18.80	19.00	19.00	22.20	23.00	23.00	18.50	19.00	19.70
NV	9.00	9.10	9.00	12.00	12.00	11.50	9.50	9.70	10.00
NM	8.79	8.80	8.80	10.30	9.75	10.10	9.00	9.70	10.00
ND	9.30	10.20	10.30	11.00	11.40	11.10	10.00	11.10	10.70
OK	8.00	9.00	8.00	8.70	9.50	9.00	7.50	8.00	7.50
OR	10.20	11.10	11.10	11.50	12.80	12.30	9.85	11.40	11.60
SD	14.00	14.20	14.70	16.40	16.50	17.20	14.40	14.80	14.90
TX	9.00	9.00	8.00	10.00	9.50	8.75	8.00	9.00	8.50
UT	9.00	10.00	10.00	11.10	11.30	12.10	11.00	11.10	11.10
WA	9.00	10.00	10.00	9.60	10.50	11.30	9.30	10.50	11.20
WY	12.00	11.90	11.70	14.00	13.80	13.50	12.20	12.30	12.00
17-State [3]	11.00	11.40	11.10	12.70	13.00	12.80	10.80	11.60	11.50
16-State [4]	11.70	12.30	12.30	13.70	14.30	14.30	11.80	12.50	12.60
11-State [5]	10.70	11.10	11.40	12.60	13.00	13.30	11.30	11.80	11.90
9-State [6]	11.00	11.50	11.00	12.80	13.00	12.60	10.60	11.40	11.20

[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 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, Environmental, Economics, and Demographics Branch, (202) 720–3570.

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 levied on farm real estate, amount per acre, and amount per $100 of full value, by States, 1994 and 1995 [1]

State	Amount levied on farm real estate		Taxes per acre, amount		Taxes per $100 of full value	
	1994	1995	1994	1995	1994	1995
	Million dollars	*Million dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
AL	11.4	11.9	1.32	1.37	0.14	0.14
AZ	50.5	52.8	6.02	6.63	1.92	2.03
AR	38.5	45.4	2.86	3.36	0.36	0.40
CA	344.4	358.3	14.21	14.92	0.83	0.85
CO	89.5	87.1	3.13	3.07	0.73	0.67
CT	9.9	10.3	28.69	29.88	0.61	0.64
DE	1.2	1.4	2.17	2.46	0.08	0.09
FL	130.8	170.2	13.68	17.90	0.62	0.80
GA	53.5	54.2	5.40	5.40	0.55	0.52
HI	41.6	41.4	24.59	24.47	0.74	0.74
ID	39.7	36.6	3.58	3.39	0.46	0.40
IL	465.7	485.4	16.55	17.26	1.01	0.99
IN	142.8	140.0	8.97	8.85	0.61	0.56
IA	350.6	412.6	11.21	13.21	0.85	0.94
KS	111.5	114.8	2.41	2.49	0.45	0.45
KY	44.0	45.6	3.22	3.35	0.28	0.28
LA	17.8	18.2	2.48	2.54	0.26	0.26
ME	13.9	14.4	11.31	11.83	1.05	1.08
MD	24.7	25.3	11.59	11.96	0.40	0.41
MA	14.9	14.9	27.68	27.72	0.69	0.68
MI	176.1	171.6	17.63	17.25	1.45	1.32
MN	206.2	219.9	7.86	8.36	0.87	0.88
MS	22.5	23.1	2.31	2.38	0.28	0.27
MO	79.7	84.1	2.78	2.93	0.37	0.37
MT	71.4	76.9	1.48	1.60	0.49	0.50
NE	426.0	466.5	9.74	10.61	1.53	1.59
NV	4.1	4.4	0.78	0.90	0.34	0.36
NH	9.6	9.8	24.99	25.04	1.05	1.04
NJ	36.6	40.1	43.67	4806	0.90	0.99
NM	12.2	12.0	0.40	0.40	0.17	0.17
NY	156.3	153.7	20.33	20.11	1.63	1.60
NC	60.3	58.8	7.26	7.05	0.54	0.50
ND	92.1	97.9	2.47	2.63	0.60	0.62
OH	175.4	173.2	11.99	11.87	0.87	0.81
OK	65.1	65.2	2.09	2.08	0.39	0.37
OR	70.7	63.6	4.47	4.03	0.60	0.51
PA	133.7	139.7	18.49	19.33	0.97	0.99
RI	2.9	3.1	56.75	58.43	1.06	1.11
SC	20.2	20.3	4.42	4.41	0.48	0.46
SD	139.9	110.5	3.78	2.99	0.98	0.74
TN	52.7	55.7	4.65	4.92	0.44	0.43
TX	391.4	386.7	3.14	3.10	0.64	0.61
UT	12.6	13.7	1.83	1.91	0.36	0.36
VT	21.9	21.5	16.56	16.31	1.31	1.27
VA	63.5	63.5	7.80	7.81	0.58	0.56
WA	77.0	87.9	6.07	6.98	0.68	0.74
WV	5.0	5.2	1.49	1.53	0.21	0.21
WI	307.6	301.5	19.46	19.21	2.00	1.86
WY	18.6	19.8	0.79	0.83	0.47	0.47
US	4908.6	5090.7	5.86	5.94	0.75	0.73

[1] Totals may not add due to rounding. Excludes Alaska. NA-not available.

ERS, Agricultural Real Estate Tax Survey. Resources Economics Division, (202) 694–5527.

Table 10-2.—Taxes levied on farm real estate: Amount, amount per acre, index numbers of amount per acre, United States, 1988–97 [1]

Year	Farm real estate		
	Amount	Taxes per acre	
		Amount	Index
	Million dollars	*Dollars*	*1977=100*
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	5090.7	5.94	177
1996	NA	NA	NA
1997	NA	NA	NA

[1] Excludes Alaska. NA-not available.

ERS, Resource Economics Division, (202) 694–5527.

Table 10-3.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948–98

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*
Almonds	1981-97	1	2	72	22	0	2	0	0	1
Apples	1963-98	8	27	0	54	0	3	0	0	9
Avocados	1998	12	0	2	0	0	27	33	0	25
Barley	1956-98	53	12	17	3	1	1	5	2	5
Blueberries	1995-98	20	1	1	67	0	9	0	0	0
Burley tobacco	1997-98	66	2	15	5	3	0	0	9	0
Canning beans	1988-97	46	5	20	16	0	4	1	6	2
Canning peaches	1986-87	4	0	92	0	0	0	0	0	4
Canola	1995-98	12	5	80	1	0	1	1	1	0
Cherries	1963-66	0	8	0	89	0	3	0	0	0
Cigar binder tobacco	1997-98	1	12	36	0	0	1	0	50	0
Cigar filler tobacco	1998	0	0	0	0	0	0	5	95	0
Cigar wrapper tobacco	1997-98	0	0	0	0	0	0	0	100	0
Citrus	1951-97	1	1	1	95	0	2	0	0	0
Citrus I	1998	0	100	0	0	0	0	0	0	0
Citrus IV	1998	0	100	0	0	0	0	0	0	0
Citrus trees	1983-93	0	0	0	100	0	0	0	0	0
Citrus VII	1998	0	89	0	0	0	11	0	0	0
Combined crop	1948-87	0	0	0	0	0	0	0	0	100
Corn	1948-98	46	7	24	11	3	3	0	1	5
Cotton	1948-98	44	14	19	13	2	5	2	1	1
Cotton ex long staple	1984-98	40	12	10	22	1	6	8	2	1
Cranberries	1984-98	8	11	10	48	1	4	1	1	16
Dark air tobacco	1997-98	25	6	30	9	1	9	0	19	0
Dry beans	1948-98	24	21	27	17	1	2	0	5	2
Dry peas	1963-98	35	23	17	16	0	3	1	5	1
Early and midseason oranges	1998	0	0	0	100	0	0	0	0	0
Figs	1990-93	12	0	50	21	0	4	0	0	12
Fire cured tobacco	1997-98	19	6	30	2	2	4	0	12	25
Flax	1948-98	45	8	25	6	1	6	2	2	5
Flue cured tobacco	1997-98	47	13	3	2	0	10	0	25	0
Forage production	1979-98	27	1	20	49	2	0	1	0	2
Forage seeding	1978-98	27	0	15	51	0	4	2	0	1
Fresh apricots	1997	0	30	65	5	0	0	0	0	0
Fresh freestone peaches	1997-97	0	26	49	24	0	0	0	0	1
Fresh market sweet corn	1986-98	1	4	11	77	0	6	0	0	1
Fresh market tomatoes	1984-98	3	6	14	59	0	17	0	0	1
Fresh nectarines	1997	15	28	34	23	0	0	0	0	0
Fresh plum	1990-97	3	33	40	21	0	1	0	0	2

See end of table.

Table 10-3.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1948–98—Continued

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*
Grain sorghum	1959–98	59	4	16	11	2	4	3	0	1
Grapefruit	1998	20	0	0	80	0	0	0	0	0
Grapes	1967–98	16	5	25	43	1	4	0	0	6
Green peas	1963–98	37	7	34	10	1	5	0	3	5
Grp soybeans	1993–93	0	0	0	0	0	0	0	0	100
Hybrid corn seed	1983–98	65	2	24	3	1	2	0	2	1
Hybrid sorghum seed	1990–97	5	31	3	51	0	8	0	0	1
Income protection corn	1996	0	0	93	6	1	0	0	0	0
Income protection cotton	1996	64	0	36	0	0	0	0	0	0
Income protection wheat	1996	76	0	24	0	0	0	0	0	0
Late oranges	1998	0	0	0	100	0	0	0	0	0
Lemons	1998	0	0	36	64	0	0	0	0	0
Macadamia nuts	1988–93	100	0	0	0	0	0	0	0	0
Macadamia trees	1988–93	0	0	0	0	0	0	0	0	0
Mandarins	1997	0	0	0	100	0	0	0	0	0
Mango trees	1997	0	0	0	100	0	0	0	0	0
Maryland tobacco	1997	100	0	0	0	0	0	0	0	0
Millet	1996–98	15	21	52	1	0	3	0	0	8
Minneola tangelos	1998	2	0	89	4	0	5	0	0	0
Navel oranges	1998–98	6	12	10	1	0	40	0	0	31
Nursery	1986–98	5	4	14	18	4	39	6	10	1
Oats	1956–98	62	10	17	5	0	2	1	1	2
Onions	1989–98	18	27	18	10	3	8	0	8	7
Orange trees	1996	0	0	0	100	0	0	0	0	0
Oranges	1966–80	0	0	0	100	0	0	0	0	0
Oranges	1997	0	0	0	100	0	0	0	0	0
Orlando tangelos	1998	0	0	0	100	0	0	0	0	0
Peaches	1963–98	3	14	1	81	0	1	0	0	1
Peanuts	1963–98	73	0	13	3	0	1	0	8	2
Pears	1989–97	0	12	7	70	4	0	0	0	6
Pecans	1998	48	7	0	1	0	38	0	3	3
Peppers	1986–98	0	13	34	45	0	8	0	0	0
Plums	1998	1	47	34	19	0	0	0	0	0
Popcorn	1984–98	47	9	20	11	3	3	1	3	3
Potatoes	1963–98	26	5	32	21	3	3	1	9	1
Prevented planting	1982–86	0	0	97	0	3	0	0	0	0
Prevented planting endors	1986–93	26	0	14	0	56	0	0	0	3
Processing apricots	1997	2	8	21	69	0	0	0	0	0
Processing beans	1998	49	5	38	0	0	0	0	7	2
Processing cling peaches	1997	21	0	72	6	1	0	0	0	0
Processing freestone	1998	0	0	87	13	0	0	0	0	0
Prunes	1986–98	11	1	73	9	0	3	0	0	3
Raisins	1961–93	0	0	100	0	0	0	0	0	0
Revenue coverage corn	1996–96	5	33	37	4	17	1	1	2	0
Revenue coverage soybeans	1996–96	8	17	39	11	15	1	0	8	0
Rice	1958–98	10	0	46	10	7	7	1	10	10
Rio red & star ruby	1998	0	0	0	100	0	0	0	0	0
Ruby red grapefruit	1998	0	0	0	100	0	0	0	0	0
Rye	1981–97	52	11	17	15	2	2	1	0	1
Safflower	1966–98	70	2	3	11	0	10	1	2	1
Soybeans	1956–90	52	7	30	4	4	1	0	1	2
Special citrus	1992–93	0	13	0	87	0	0	0	0	0
Stonefruit	1988–96	8	12	48	19	0	4	0	0	9
Sugar beets	1966–98	20	6	36	11	3	7	3	11	3
Sugarcane	1967–98	6	0	9	50	0	5	6	11	14
Sunflowers	1976–90	24	10	31	17	0	2	5	2	8
Sweet corn	1978–98	40	3	30	19	1	3	0	1	2
Sweet oranges	1998	0	0	0	100	0	0	0	0	0
Sweetpotatoes	1998	97	0	0	0	0	0	2	0	0
Table grapes	1984–96	28	8	43	11	0	4	0	0	6
Tangelos	1997	5	0	0	95	0	0	0	0	0
Tobacco	1948–96	40	12	26	2	1	6	0	9	4
Tomatoes	1963–98	34	2	48	6	1	2	1	3	4
Tung nuts	1965	0	0	0	100	0	0	0	0	0
Valencia oranges	1998	0	11	16	5	0	23	0	0	45
Walnuts	1984–97	25	2	43	20	0	8	1	0	2
Wheat	1948–98	43	14	16	12	1	3	2	4	5

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, 1996–98 [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	NA	225	0	10,705	262	0	0	0
1997	4	259	0	11,896	284	0	0	0
1998	4	307	0	12,954	268	0	0	0
All other grapefruit:								
1997	6	1	0	0	0	0	0	0
1998	6	1	0	0	0	0	0	0
Almonds:								
1996	NA	3,849	254	287,510	19,296	871	50	13,380
1997	32	3,710	256	332,297	22,132	67	5	1,703
1998	32	3,809	268	386,860	24,921	1,536	82	35,594
Apples:								
1996	NA	4,290	222	218,792	12,441	786	26	9,882
1997	578	4,166	226	250,322	14,133	749	25	12,706
1998	578	4,302	243	264,345	14,670	759	22	10,719
Avocado trees:								
1996	NA	184	0	3,223	85	1	0	0
1997	2	214	0	3,656	95	0	0	0
1998	2	221	0	3,184	89	0	0	0
Avocado:								
1997	2	290	8	10,513	2,104	19	0	144
1998	2	318	8	11,686	2,059	5	0	28
Barley:								
1996	NA	68,682	4,821	244,224	24,030	11,279	758	13,415
1997	1,120	60,591	4,456	248,210	23,733	13,293	922	20,922
1998	1,120	49,408	3,999	226,793	20,049	8,034	705	17,437
Blueberries:								
1996	NA	346	13	6,135	569	109	3	480
1997	35	349	27	10,875	1,033	32	1	200
1998	35	269	22	9,852	816	39	2	204
Burley tobacco:								
1997	277	45,083	151	255,737	14,651	7,095	33	26,091
1998	277	32,908	131	247,665	15,809	9,904	49	46,940
Beans, canning:								
1996	NA	800	60	8,786	672	70	4	362
1997	123	792	60	9,582	761	121	7	675
Canola:								
1996	NA	5,168	282	15,223	2,517	3,162	184	4,280
1997	16	6,710	407	25,612	3,621	3,309	195	5,368
1998	16	9,449	791	55,349	6,643	1,538	138	4,079
Carambola trees:								
1996	NA	18	0	263	7	0	0	0
1997	1	22	0	290	7	0	0	0
1998	1	20	0	613	18	0	0	0
Cigar binder tobacco:								
1997	16	997	4	11,691	656	133	1	2,271
1998	16	1,035	4	18,573	1,083	233	1	5,486
Cigar filler tobacco:								
1997	3	8	0	85	4	0	0	0
1998	3	6	0	68	4	3	0	4
Cigar wrapper tobacco:								
1997	5	25	1	10,261	409	4	0	119
1998	5	29	1	13,704	560	1	0	934
Citrus:								
1996	NA	5,311	440	194,210	17,960	182	6	714
1997	0	5,621	423	179,282	13,733	0	0	0
Citrus I:								
1997	29	2,133	219	112,722	2,363	1	0	3
1998	29	2,130	225	99,743	2,096	1	0	14
Citrus II:								
1997	29	821	105	58,598	1,409	0	0	0
1998	29	1,534	197	91,218	2,200	0	0	0
Citrus III:								
1997	29	87	5	2,003	48	0	0	0
1998	29	106	7	1,891	42	0	0	0
Citrus IV:								
1997	29	1,126	35	24,995	655	6	0	45
1998	29	1,101	35	17,473	481	4	0	24
Citrus trees:								
1996	NA	2,109	26	60,288	3,549	2	0	12
1997	0	1	0	61	4	0	0	0

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, 1996–98 [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*
Citrus trees I:								
1997	6	669	7	16,504	1,087	0	0	0
Citrus trees II:								
1997	6	107	1	1,660	119	0	0	0
Citrus trees III:								
1997	6	3	0	16	2	0	0	0
Citrus trees IV:								
1997	6	881	13	30,071	2,580	0	0	0
Citrus trees V:								
1997	6	264	4	8,465	782	0	0	0
Citrus V:								
1997	29	401	10	13,265	406	0	0	0
1998	29	406	11	13,324	418	4	0	93
Citrus VI:								
1997	4	19	2	654	13	0	0	0
1998	4	20	1	634	13	0	0	0
Citrus VII:								
1997	29	1,983	231	127,971	3,382	8	1	643
1998	29	1,496	147	47,843	1,298	5	1	47
Corn:								
1996	NA	729,404	47,263	6,626,121	407,336	84,513	5,697	216,473
1997	2,950	781,780	49,351	7,665,222	460,580	55,783	3,672	152,102
1998	2,950	787,065	51,134	8,949,067	535,073	101,024	7,231	356,361
Cotton:								
1996	NA	158,081	12,542	2,144,664	266,205	44,286	5,230	294,356
1997	684	139,021	11,486	2,092,641	252,371	20,963	2,180	171,499
1998	684	137,409	11,589	2,135,207	253,917	56,089	6,675	410,378
Cotton ELS:								
1996	NA	784	169	62,956	3,210	61	5	1,170
1997	30	568	160	64,728	2,887	17	4	907
1998	30	1,400	279	89,416	8,011	845	141	22,547
Cranberries:								
1996	NA	574	23	80,688	3,352	49	1	1,737
1997	55	611	24	98,278	4,126	25	1	965
1998	55	608	25	109,420	4,710	48	1	1,482
Dark air tobacco:								
1997	37	832	1	1,522	53	36	0	60
1998	37	583	1	1,866	72	57	0	105
Dry beans:								
1996	NA	24,636	1,327	200,442	23,735	3,074	207	12,707
1997	281	23,114	1,294	201,230	25,127	3,779	249	18,247
1998	281	23,976	1,468	219,707	26,631	3,628	275	19,443
Dry Peas:								
1996	NA	2,932	194	13,339	795	727	81	1,414
1997	37	2,657	206	16,490	1,065	130	13	529
1998	37	2,542	195	14,638	1,048	266	28	1,070
Early and Midseason oranges:								
1997	6	380	6	1,710	93	32	0	34
1998	6	356	5	1,476	81	4	0	2
Figs:								
1996	NA	90	8	6,941	548	4	0	61
1997	4	89	8	6,753	532	2	0	51
1998	4	89	8	4,764	336	26	3	897
Fired cured tobacco:								
1997	43	1,749	5	11,506	466	86	0	451
1998	43	1,569	5	13,632	580	199	1	1,016
Flax:								
1996	NA	1,656	67	1,757	299	654	23	329
1997	95	2,002	101	3,144	471	746	32	498
1998	95	3,183	213	7,751	962	329	21	422
Flue cured tobacco:								
1997	173	41,607	382	933,277	31,741	3,502	38	41,157
1998	173	40,000	313	795,654	27,849	6,865	62	79,474
Forage production:								
1996	NA	19,621	1,624	149,994	9,094	1,776	140	6,870
1997	617	11,204	976	125,314	6,377	553	46	2,582
1998	617	9,717	1,116	139,956	5,861	452	59	2,762
Forage seeding:								
1996	NA	2,472	69	4,477	458	267	9	367
1997	153	2,885	93	6,584	697	307	11	501
1998	153	2,875	88	6,416	702	281	11	457
Fresh apricots:								
1997	13	139	3	3,717	330	6	0	97
1998	13	149	3	4,784	428	31	1	601
Fresh freestone peaches:								
1997	7	522	17	9,892	527	12	0	47
1998	7	560	17	12,627	685	20	0	183

See footnotes at end of table.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98 [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*
Fresh market sweet corn:								
1996	NA	453	33	14,500	970	46	3	475
1997	15	454	32	14,386	1,003	23	3	1,370
1998	15	466	41	16,445	1,140	18	1	236
Fresh market tomatoes:								
1996	NA	450	45	68,593	5,899	143	6	8,989
1997	49	486	45	65,422	5,780	114	4	4,339
1998	49	717	56	86,884	7,641	74	2	3,654
Fresh nectarines:								
1997	7	543	20	16,386	999	20	0	253
1998	7	573	21	18,293	1,121	74	2	667
Fresh plums:								
1996	NA	851	25	22,580	1,581	89	2	898
1997	7	804	24	20,831	1,394	25	0	260
Grain sorghum:								
1996	NA	197,639	9,816	608,479	71,523	28,168	3,861	66,492
1997	1,413	137,926	6,276	410,888	44,754	11,406	1,059	16,301
1998	1,413	131,361	6,781	433,939	51,067	33,685	4,661	91,926
Grapefruit:								
1996	NA	799	20	10,826	898	25	0	58
1997	16	187	9	6,266	318	9	0	111
1998	16	153	7	5,755	304	0	0	0
Grapefruit trees:								
1996	NA	251	0	9,920	231	0	0	0
1997	4	286	0	9,488	230	0	0	0
1998	4	289	0	10,907	238	0	0	0
Grapes:								
1996	NA	7,295	376	269,234	14,531	606	23	9,355
1997	137	7,744	403	296,161	16,045	240	6	1,436
1998	137	9,353	471	432,652	23,026	907	27	7,390
Green peas:								
1996	NA	3,045	145	18,600	1,745	416	21	1,162
1997	118	3,043	154	23,273	2,108	643	31	2,203
1998	118	2,978	149	21,963	2,065	553	28	1,975
GRP corn:								
1996	NA	4,595	850	297,720	7,660	580	163	5,300
GRP cotton:								
1996	NA	1	0	61	9	1	0	28
GRP forage production:								
1996	NA	5,994	531	89,178	2,077	89	9	137
GRP grain sorghum:								
1996	NA	18	4	536	38	0	0	0
GRP peanuts:								
1996	NA	3	1	728	20	0	0	0
GRP soybeans:								
1996	NA	2,913	495	129,370	2,005	271	69	1,600
GRP wheat:								
1996	NA	58	22	2,136	108	4	0	1
Hybrid corn seed:								
1996	NA	9,391	524	160,572	15,536	618	44	2,822
1997	375	8,608	475	138,552	12,976	855	56	3,917
1998	375	6,874	399	125,988	11,970	685	49	3,260
Hybrid sorghum seed:								
1996	NA	738	39	8,439	1,284	25	3	567
1997	17	740	45	9,147	1,381	34	4	368
1998	17	652	38	7,844	1,113	93	6	530
Income protection corn:								
1996	NA	1,048	120	35,692	1,266	85	6	158
Income protection cotton:								
1996	NA	83	25	8,834	1,167	2	1	298
Income protection wheat:								
1996	NA	461	171	18,588	1,856	146	34	715
Kinnow mandarins:								
1997	5	16	1	380	61	0	0	0
Late oranges:								
1997	6	66	1	171	21	1	0	0
1998	6	61	1	119	17	1	0	0
Lemons:								
1996	NA	447	26	33,216	1,935	1	0	69
1997	29	599	36	45,634	2,491	3	0	5
1998	29	636	38	48,616	2,657	155	8	4,475

See footnotes at end of table.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98 [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*
Lime trees:								
1996	NA	42	0	2,106	58	0	0	0
1997	1	47	0	2,365	64	0	0	0
1998	1	55	0	2,715	69	0	0	0
Macadamia nuts:								
1996	NA	58	15	11,876	117	3	0	31
1997	6	35	13	10,780	108	0	0	0
1998	6	47	14	11,549	115	0	0	0
Macadamia trees:								
1996	NA	114	13	52,564	576	0	0	0
1997	7	114	13	54,001	592	0	0	0
1998	7	122	14	62,346	724	0	0	0
Mandarins:								
1996	NA	9	0	151	37	4	0	74
1997	7	4	0	76	5	3	0	10
1998	7	20	1	434	85	0	0	0
Mango trees:								
1996	NA	35	0	583	15	0	0	0
1997	2	50	0	670	17	2	0	2
1998	2	48	0	594	16	0	0	0
Maryland tobacco:								
1997	6	60	1	552	18	3	0	40
1998	6	43	0	415	14	6	0	47
Millet:								
1996	NA	1,959	129	4,709	562	343	28	396
1997	5	1,206	73	3,289	382	114	8	143
1998	5	844	51	2,115	236	98	10	192
Minneola tangelos:								
1997	15	118	3	3,322	289	6	0	248
1998	15	126	3	2,772	237	60	2	1,349
Naval oranges:								
1997	26	1,946	88	65,865	3,834	19	1	164
1998	26	2,089	93	78,396	4,741	1,267	62	34,901
Nursery:								
1996	NA	1,076	0	474,979	9,296	56	0	8,111
1997	50	948	92	506,074	11,740	47	0	7,220
1998	50	1,617	17	809,102	18,489	51	0	6,329
Oats:								
1996	NA	32,484	1,191	33,203	4,880	6,417	285	3,892
1997	1,642	26,203	1,089	34,900	5,094	5,957	295	5,088
1998	1,642	20,761	940	33,384	4,222	2,589	121	2,645
Onions:								
1996	NA	785	41	17,830	1,377	79	6	1,817
1997	60	598	35	20,590	1,621	65	3	1,114
1998	60	816	62	59,717	5,238	92	7	2,732
Orange trees:								
1996	NA	465	0	78,576	1,441	1	0	1
1997	4	606	0	95,983	1,798	0	0	0
1998	4	730	0	118,311	2,267	0	0	0
Oranges:								
1996	NA	3,006	125	91,351	5,713	39	1	443
1997	0	169	7	3,649	185	0	0	0
Orlando tangelos:								
1997	10	19	0	302	34	4	0	23
1998	10	18	0	325	38	2	0	11
Peaches:								
1996	NA	1,530	52	22,387	3,123	1,000	37	14,754
1997	428	1,419	47	21,192	2,940	405	11	3,941
1998	428	1,290	42	19,144	2,902	373	14	3,887
Peanuts:								
1996	NA	33,806	1,239	543,216	41,775	5,982	233	33,970
1997	312	30,770	1,180	466,945	36,158	7,774	285	45,927
1998	312	29,756	1,281	501,785	38,288	6,105	284	45,031
Pears:								
1996	NA	775	29	23,112	908	106	3	401
1997	39	770	32	24,516	960	8	0	56
1998	39	983	36	35,221	1,276	41	1	252
Pecans:								
1998	7	135	56	35,387	4,986	23	5	526
Peppers:								
1996	NA	84	9	17,313	1,830	36	3	5,364
1997	13	77	8	17,801	2,204	12	1	1,302
1998	13	104	8	20,733	2,930	20	1	2,757

See footnotes at end of table.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98 [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*
Plums:								
1998	0	974	24	16,732	1,160	0	0	0
Popcorn:								
1996	NA	2,133	120	21,378	1,503	187	17	1,283
1997	316	2,850	210	43,740	3,547	433	91	7,223
1998	316	2,725	195	39,950	3,066	407	64	4,694
Potatoes:								
1996	NA	6,508	791	468,590	29,077	861	68	29,849
1997	309	5,317	682	450,374	28,802	936	75	25,789
1998	309	5,530	800	531,892	38,036	1,017	83	33,284
Processing apricots:								
1997	13	173	7	7,003	676	8	0	45
1998	13	159	7	7,747	776	26	1	767
Processing beans:								
1998	123	781	62	9,696	871	94	6	415
Processing cling peaches:								
1997	10	581	15	17,233	869	43	1	334
1998	10	697	16	21,544	1,155	96	1	603
Processing freestone:								
1997	7	101	3	3,474	194	0	0	0
1998	7	84	3	2,444	140	5	0	40
Prunes:								
1996	NA	1,048	56	65,026	6,192	51	2	1,108
1997	14	988	56	64,912	6,002	95	5	2,007
1998	14	985	59	48,995	4,365	707	63	17,855
Raisins:								
1996	NA	2,669	171	88,251	8,683	0	0	0
1997	7	2,391	171	86,399	7,987	0	0	0
1998	7	2,820	273	155,161	14,046	222	26	1,096
Revenue coverage corn:								
1996	NA	133,681	7,800	1,860,845	110,765	11,431	817	43,208
Revenue coverage soybeans:								
1996	NA	78,782	3,538	657,368	31,084	4,786	290	10,277
Rice:								
1996	NA	21,913	1,942	290,578	10,148	362	52	1,648
1997	138	15,240	1,716	335,787	12,137	857	151	8,130
1998	138	15,475	2,030	435,915	16,453	1,129	183	14,026
Rio Red & Star Ruby:								
1997	6	548	11	4,841	726	81	1	224
1998	6	512	11	5,145	773	8	0 22	
Ruby red grapefruit:								
1997	6	180	4	1,211	147	12	0	8
1998	6	152	3	906	111	0	0	0
Rye:								
1996	NA	652	32	938	87	51	3	48
1997	41	376	20	743	69	94	5	122
1998	41	554	36	1,349	130	65	4	75
Safflower:								
1996	NA	774	104	8,019	506	72	12	354
1997	81	623	72	4,609	367	87	12	265
1998	81	1,022	110	5,335	731	203	26	485
Soybeans:								
1996	NA	658,629	40,190	4,348,856	253,314	48,514	3,293	97,848
1997	2,499	695,023	43,525	5,007,905	288,429	48,695	3,224	96,205
1998	2,499	705,395	45,548	5,421,431	314,161	80,102	6,463	200,933
Stonefruit:								
1996	NA	1,996	66	56,816	3,544	197	5	3,183

See footnotes at end of table.

Table 10-4.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1996–98 [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*
Sugarbeets:								
1996	NA	17,065	1,092	486,776	19,734	2,326	149	11,579
1997	160	16,613	1,090	484,553	21,084	1,896	126	15,160
1998	160	16,191	1,121	498,300	23,263	2,217	148	20,028
Sugarcane:								
1996	NA	5,409	471	95,533	4,204	469	29	5,292
1997	28	4,662	331	82,127	3,528	218	12	1,810
1998	28	5,406	759	188,072	6,925	302	16	4,285
Sunflower:								
1996	NA	36,436	2,161	119,869	14,823	12,247	611	16,670
1997	239	40,438	2,426	162,555	20,308	17,062	848	26,979
1998	239	33,347	2,699	162,686	18,738	6,837	477	14,430
Sweet corn:								
1996	NA	3,718	234	38,301	1,868	213	12	935
1997	171	3,432	217	41,790	1,999	97	5	476
1998	171	3,438	218	39,384	2,020	172	9	777
Sweet oranges:								
1997	12	15	0	66	9	2	0	3
1998	12	23	0	125	12	4	0	6
Sweet potatoes:								
1998	0	447	20	9,274	678	0	0	0
Table grapes:								
1996	NA	400	61	80,104	3,413	9	1	262
1997	12	429	77	106,245	4,415	15	1	581
1998	12	993	87	125,410	4,898	104	3	2,218
Tangelos:								
1996	NA	91	2	1,754	151	9	0	64
1997	0	12	0	138	7	0	0	0
Tobacco:								
1996	NA	111,886	547	1,157,069	40,260	13,996	104	90,551
Tomatoes:								
1996	NA	2,543	206	154,016	6,682	109	9	1,962
1997	110	2,082	179	136,885	5,879	107	7	1,569
1998	110	2,375	228	172,824	7,089	202	14	3,738
Valencia oranges:								
1997	26	1,448	48	34,410	2,403	10	0	75
1998	26	1,556	50	36,713	2,671	773	22	14,762
Walnuts:								
1996	NA	956	55	30,354	1,145	63	4	678
1997	26	807	49	28,339	1,060	26	2	376
1998	26	865	61	40,426	1,500	72	2	720
Wheat:								
1996	NA	774,121	59,724	3,338,243	292,406	211,240	24,087	429,121
1997	2,447	634,466	50,500	3,216,695	313,644	98,547	11,112	247,152
1998	2,447	558,518	44,355	2,899,363	265,487	56,864	5,962	152,041

[1] Data for 1998 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, 1989–98 [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*
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	4,361,893	8,806,742	20,992,414	9,698,135	6,406,038	6,094,847
1997	4,501,110	9,354,068	21,972,845	9,961,567	6,661,529	6,400,437
1998 [2]	4,331,507	9,863,472	23,325,630	10,465,276	6,955,985	6,629,569

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*
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	4,511,602	7,169,360	7,010,136	11,877,465	87,079,331
1997	4,748,915	7,590,562	7,155,300	12,524,045	91,031,125
1998 [2]	5,010,012	7,824,385	7,307,074	13,673,234	95,559,725

[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, 1993–98 [1]

State	1993	1994	1995	1996	1997	1998 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	790,458	785,728	831,755	879,233	932,469	1,009,369
AK	10,559	10,602	6,497	8,883	10,103	10,833
AZ	505,778	484,131	497,144	491,501	534,882	554,595
AR	1,955,910	2,014,731	2,115,849	2,192,741	2,410,180	2,512,826
CA	8,164,542	8,365,809	8,468,263	8,774,191	9,267,141	10,165,531
CO	1,636,485	1,666,050	1,778,813	1,811,867	1,797,355	1,823,382
CT	93,340	93,438	90,234	87,321	125,038	117,815
DE	188,427	165,377	175,749	163,195	194,957	193,133
FL	2,848,972	3,020,693	2,883,645	2,961,251	3,121,134	3,233,279
GA	1,688,047	1,736,074	1,838,174	1,841,792	1,911,317	1,939,948
HI	176,619	172,286	111,746	141,818	150,644	162,747
ID	1,256,868	1,304,616	1,306,144	1,347,508	1,379,239	1,379,086
IL	4,642,762	4,777,781	4,879,051	5,072,178	5,296,091	5,650,360
IN	3,178,924	3,255,929	3,258,648	3,405,800	3,583,698	3,749,248
IA	6,028,444	6,289,674	6,457,093	6,740,976	6,986,449	7,359,183
KS	2,670,381	2,729,809	2,811,613	2,874,099	2,946,857	3,047,772
KY	1,866,161	1,894,160	1,961,232	2,061,015	2,150,103	2,256,230
LA	796,260	833,911	834,506	843,255	832,820	875,907
ME	125,268	123,711	127,167	132,683	133,985	134,910
MD [3]	685,205	717,790	668,729	684,282	699,354	702,044
MA	145,695	140,235	121,423	133,264	153,995	147,696
MI	1,533,587	1,566,740	1,588,819	1,633,925	1,729,891	1,735,177
MN	3,872,774	4,041,245	4,165,556	4,261,585	4,587,238	4,966,921
MS	1,329,019	1,387,674	1,456,715	1,475,607	1,505,916	1,621,279
MO	3,008,220	3,117,040	3,348,235	3,425,862	3,612,044	3,941,689
MT	1,614,962	1,696,771	1,634,514	1,661,463	1,704,825	1,715,012
NE	3,151,149	3,226,317	3,318,523	3,483,338	3,581,096	3,867,709
NV	165,674	169,956	164,592	162,679	164,952	167,949
NH	44,197	44,007	42,071	42,142	41,089	38,156
NJ	271,272	276,784	263,071	408,294	409,591	278,247
NM	615,021	625,252	665,222	706,136	704,905	754,877
NY	955,109	961,631	932,531	930,135	916,444	907,235
NC	1,434,941	1,472,890	1,533,937	1,494,808	1,505,228	1,569,398
ND	1,650,951	1,680,954	1,695,087	1,702,010	1,765,246	1,772,287
OH	2,067,150	2,206,686	2,230,940	2,347,598	2,494,563	2,625,148
OK	1,726,905	1,797,616	1,896,887	1,96,282	2,006,917	2,073,866
OR	1,425,735	1,475,449	1,469,599	1,454,679	1,550,798	1,677,402
PA	1,501,717	1,536,467	1,560,590	1,563,501	1,613,670	1,609,824
RI	20,089	20,305	34,198	18,544	18,634	16,707
SC	446,762	445,149	410,317	412,572	435,516	446,973
SD	1,540,503	1,572,080	1,650,516	1,638,689	1,668,368	1,777,508
TN	1,170,194	1,235,055	1,270,510	1,316,148	1,426,654	1,560,550
TX	4,750,987	4,813,293	4,970,349	5,173,078	5,583,646	5,750,519
UT	364,479	365,051	374,450	377,418	400,845	404,075
VT	195,360	199,839	194,220	198,532	194,355	185,739
VA	1,298,876	1,313,599	1,255,721	1,241,964	1,287,883	1,276,304
WA	1,690,326	1,668,091	1,638,245	1,648,595	1,706,107	1,830,301
WV	328,430	310,162	297,429	292,104	291,661	293,502
WI	2,647,805	2,718,833	2,836,623	2,911,231	3,036,939	3,161,373
WY	461,286	443,754	437,949	451,566	468,296	508,098
US	80,738,585	82,971,225	84,560,906	87,079,331	91,031,125	95,559,725

[1] Includes operator households. Includes Commodity Credit Corporation storage and drying facility loans. [2] Preliminary. [3] Includes District of Columbia.

ERS, Farm Structure and Performance Branch, (202) 694–5586.

Table 10-7.—Farm real estate debt: Amount outstanding by lender, by States, Dec. 31, 1997 and 1998 [1]

State	Federal Credit System [2]		Farm Service Agency [3]		Life insurance companies [4]		All operating banks		Individuals and others [5]	
	1997	1998	1997	1998	1997	1998	1997	1998	1997	1998
	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	317,842	369,473	43,781	38,989	21,802	21,999	408,978	440,228	140,067	138,680
AK	917	830	1,168	1,840	0	0	2,605	2,804	5,412	5,359
AZ	144,476	157,862	32,986	29,109	141,336	148,964	54,633	58,807	161,452	159,853
AR	818,447	835,442	135,684	125,525	311,108	339,908	907,700	977,059	237,240	234,891
CA	3,182,321	3,610,132	164,423	155,219	2,980,525	3,373,459	1,343,461	1,446,116	1,596,411	1,580,605
CO	816,708	819,432	64,398	59,535	155,987	164,422	315,809	339,941	44,453	440,052
CT	49,174	44,090	7,077	6,622	41,810	39,778	7,130	7,675	19,846	19,650
DE	91,572	85,965	4,918	4,118	28,593	30,173	42,808	46,079	27,066	26,798
FL	563,537	552,292	65,704	62,589	1,269,043	1,336,383	825,748	888,844	397,103	393,171
GA	553,629	511,703	68,995	62,286	149,635	157,092	939,460	1,011,246	199,598	197,622
HI	60,795	69,281	25,625	24,770	11,831	13,303	40,775	43,891	11,617	11,502
ID	550,416	547,820	120,293	108,781	259,306	273,069	53,753	57,860	395,472	391,556
IL	1,609,395	1,792,334	183,986	172,113	318,039	348,840	2,131,048	2,293,883	1,053,622	1,043,190
IN	974,215	1,033,596	127,680	118,325	324,077	356,266	1,213,024	1,305,712	944,703	935,349
IA	1,580,017	1,797,796	263,578	238,189	421,488	447,728	2,327,025	2,504,835	2,394,342	2,370,635
KS	1,086,039	1,112,785	163,463	153,455	140,390	149,370	1,049,834	1,130,052	507,131	502,110
KY	532,649	563,650	159,782	150,199	62,181	70,502	1,045,106	1,124,963	350,386	346,916
LA	276,430	295,887	47,939	41,518	108,737	118,357	282,565	394,156	117,149	115,989
ME	16,878	15,048	36,678	34,830	51,226	55,354	8,849	9,526	20,354	20,153
MD	364,522	357,849	19,145	18,221	26,510	27,609	139,628	150,297	149,549	148,068
MA	68,723	57,709	21,382	22,211	34,944	38,463	7,590	8,170	21,356	21,144
MI	778,014	765,540	104,257	97,533	49,742	54,245	323,028	347,710	474,851	470,149
MN	1,477,057	1,758,615	186,226	176,415	274,156	291,396	1,354,768	1,458,287	1,295,031	1,282,208
MS	330,912	380,540	120,200	108,148	236,321	268,094	627,013	674,924	191,469	189,573
MO	927,001	1,147,461	196,722	181,958	169,119	179,685	1,579,686	1,700,392	739,516	732,194
MT	402,952	388,293	117,491	114,557	226,040	238,022	292,965	315,350	665,378	658,790
NE	873,179	1,009,369	216,099	202,426	394,456	463,934	1,337,852	1,440,079	759,420	751,901
NV	72,313	76,329	10,921	9,472	12,008	12,622	5,860	6,307	63,850	63,218
NH	20,066	16,595	4,229	4,412	0	0	6,044	6,505	10,750	10,644
NJ	258,771	125,829	22,766	22,191	2	2	39,860	42,906	88,192	87,319
NM	277,802	307,472	38,031	35,399	79,094	92,963	140,852	151,324	169,396	167,719
NY	287,814	274,117	116,699	110,675	6,549	14,562	201,631	217,037	293,752	290,844
NC	483,894	506,948	98,479	89,157	78,882	82,474	639,571	688,442	204,401	202,377
ND	722,292	703,592	195,657	188,510	35,454	37,618	449,099	483,415	362,744	359,153
OH	919,412	989,247	91,788	81,782	98,053	107,372	870,720	937,253	514,589	509,495
OK	583,333	578,433	193,793	183,509	190,933	230,520	612,108	658,880	426,750	422,525
OR	395,676	458,139	68,511	64,437	298,552	364,653	114,899	123,679	673,159	666,495
PA	483,458	428,494	84,555	80,647	239	349	756,169	813,948	289,249	286,385
RI	12,148	9,731	2,859	3,246	0	0	1,611	1,735	2,015	1,995
SC	210,850	220,148	46,970	41,893	19,001	20,217	87,951	94,672	70,744	70,044
SD	479,298	562,520	248,420	230,212	91,852	108,668	413,777	445,394	435,021	430,714
TN	539,631	637,507	106,714	98,307	30,183	34,284	553,266	595,541	196,861	194,912
TX	2,396,908	2,457,177	249,381	234,412	443,953	482,430	1,248,761	1,344,180	1,244,643	1,232,320
UT	116,100	114,903	40,710	39,993	16,997	19,476	56,908	61,256	170,131	168,446
VT	62,703	52,316	34,542	31,072	715	1,926	57,747	62,159	38,648	38,265
VA	686,836	646,754	46,680	44,668	46,922	54,705	321,583	346,155	185,862	184,022
WA	482,952	548,325	80,291	73,968	384,252	431,243	297,346	320,067	461,265	456,698
WV	67,682	61,132	33,400	31,593	61,140	64,051	99,277	106,862	30,162	29,863
WI	803,499	846,680	130,680	118,013	77,616	85,445	1,229,752	1,323,719	795,392	787,516
WY	101,565	121,521	26,772	25,275	86,563	101,699	100,964	108,678	152,433	150,924
US	28,922,818	30,824,704	4,672,530	4,352,326	10,267,452	11,353,694	26,968,325	29,029,001	20,200,000	20,000,000

[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, 1995–98 [1]

State and Territory	Farm real estate loans				Nonreal estate farm loans			
	1995	1996	1997	1998 [2]	1995	1996	1997	1998 [2]
AL	358,822	377,257	408,978	440,228	320,042	320,201	348,334	357,767
AK	480	2,402	2,605	2,804	2,542	3,156	3,433	3,526
AZ	60,455	50,832	54,633	58,807	344,941	396,594	431,439	443,123
AR	812,000	837,077	907,700	977,059	808,074	779,803	848,317	871,290
CA	1,142,086	1,238,932	1,343,461	1,446,116	3,688,295	3,611,430	3,928,732	4,035,124
CO	302,266	391,238	315,809	339,941	865,192	833,085	906,281	930,823
CT	4,904	6,8575	7,130	7,675	2,190	4,019	4,373	4,491
DE	36,223	39,478	42,808	46,079	24,845	39,737	43,229	44,399
FL	658,562	761,500	825,748	888,844	384,861	427,000	464,516	477,095
GA	870,527	866,366	939,460	1,0111,246	560,423	497,029	540,698	555,341
HI	5,389	37,603	40,775	43,891	35,331	34,993	38,067	39,098
ID	48,759	49,571	53,753	57,860	903,582	924,784	1,006,036	1,033,280
IL	1,830,815	1,965,241	2,131,048	2,293,883	2,396,489	2,399,731	2,610,572	2,681,268
IN	1,026,999	1,018,644	1,213,024	1,305,712	920,143	940,177	1,022,782	1,050,479
IA	2,086,155	2,145,970	2,327,025	2,504,835	3,391,209	3,593,970	3,909,738	4,015,616
KS	926,460	968,151	1,049,834	1,130,052	2,225,677	2,371,907	2,580,304	2,650,180
KY	916,242	963,791	1,045,106	1,124,963	498,607	5123,617	557,656	572,757
LA	249,100	260,580	282,565	304,156	401,189	373,025	405,799	416,789
ME	8,942	8,161	8,849	9,526	53,005	47,377	51,539	52,935
MD	107,571	128,764	139,628	150,297	49,520	53,025	57,684	59,246
MA	4,540	6,999	7,590	8,170	26,586	51,910	56,471	58,000
MI	276,790	297,894	323,028	347,710	374,329	404,940	440,518	452,448
MN	1,231,078	1,249,360	1,354,768	1,458,287	2,265,044	2,267,654	2,466,892	2,533,697
MS	573,251	578,228	627,013	674,924	513,404	505,166	549,551	564,433
MO	1,407,108	1,456,778	1,579,686	1,700,392	1,411,628	1,397,232	1,519,994	1,561,156
MT	269,622	270,170	292,965	315,350	670,467	663,719	722,034	741,587
NE	1,188,905	1,233,760	1,337,852	1,440,079	3,231,214	3,295,832	3,585,406	3,682,500
NV	1,962	5,404	5,860	6,307	16,521	15,360	16,710	17,162
NH	4,744	5,573	6,044	6,505	802	433	471	484
NJ	30,856	36,759	39,860	42,906	8,946	25,287	27,508	28,253
NM	127,077	129,644	140,582	151,324	246,949	251,902	274,035	281,456
NY	159,759	185,943	201,631	217,037	393,321	391,846	426,274	437,817
NC	610,786	589,809	639,571	688,442	494,445	454,774	494,730	508,128
ND	395,967	414,156	449,099	483,415	1,205,439	1,141,110	1,241,369	1,274,986
OH	750,389	802,974	870,720	937,253	591,067	584,426	635,774	652,991
OK	566,463	564,483	612,108	658,880	1,441,427	1,577,488	1,716,087	1,762,560
OR	114,401	105,959	114,899	123,679	497,850	525,332	571,487	586,964
PA	666,636	697,335	756,169	813,948	265,644	274,255	298,351	306,430
RI	1,065	1,486	1,611	1,735	0	214	233	239
SC	61,295	81,108	87,951	94,672	68,042	74,229	80,750	82,937
SD	395,062	381,583	413,777	445,394	1,493,210	1,556,098	1,692,817	1,738,660
TN	484,372	510,219	553,266	595,541	367,818	357,462	388,869	399,400
TX	1,111,872	1,151,600	1,248,761	1,344,180	3,165,884	3,236,041	3,520,361	3,615,694
UT	49,650	52,480	56,908	61,256	183,624	181,313	197,244	202,585
VT	43,882	53,254	57,747	62,159	14,548	17,799	19,363	19,888
VA	277,863	296,562	321,583	346,155	167,617	173,255	188,477	193,581
WA	273,294	297,346	297,346	320,067	1,126,193	1,129,379	1,228,607	1,261,879
WV	83,552	91,552	99,277	106,862	26,746	26,925	29,291	30,084
WI	1,090,690	1,134,071	1,229,752	1,323,719	1,226,731	1,261,594	1,372,439	1,409,606
WY	99,728	93,108	100,964	108,678	363,302	355,265	386,479	396,945
US	23,805,416	24,870,048	26,968,325	29,029,001	39,734,955	40,361,901	43,908,120	45,097,177

[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, 1989–98 [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*
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	8.1	8.1	8.2	8.1	8.3	8.5	8.3	7.9	7.9	8.2	8.1
1997	7.9	8.0	8.1	8.0	8.1	8.2	8.2	7.9	7.8	8.0	8.0
1998 [3]	7.9	8.0	8.0	7.9	8.1	8.1	8.1	7.9	7.8	7.9	8.0

[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] 1989–98[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*
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	347,696	703,277	1,679,010	775,107	528,323	511,785
1997	350,540	726,944	1,741,748	785,712	529,043	515,126
1998[3]	348,553	764,419	1,822,966	811,740	548,519	529,763

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
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	367,974	555,265	549,862	957,375	6,988,375
1997	378,392	585,733	554,381	978,942	7,158,756
1998[3]	394,658	607,429	561,115	1,032,822	7,434,976

[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, 1989–98[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*
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	27,462,253	5,025,262	10,021,976	24,870,048	19,700,000	0	87,079,339
1997	28,922,818	4,663,567	10,267,452	26,968,325	20,200,000	0	91,022,162
1998[6]	30,824,704	4,352,326	11,353,694	29,029,001	20,000,000	0	95,559,725

[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, 1989–98[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*
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	40,362	14,599	5,243	60,204	17,800	78,004	3,508	81,512
1997	43,908	15,878	4,899	64,685	19,200	83,885	1,982	85,867
1998[3]	45,097	17,512	4,538	67,147	20,000	87,147	5,230	92,377

[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, 1990–99 [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*
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
1998	2,899	508,466	6,831,520	0	0	81,067	2,949
1999	4,308	944,694	6,675,272	0	0	76,042	2,694

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*
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
1998	9,433	1,568,071	6,040,488	1,045	97,569	2,039,657
1999	14,525	2,564,767	5,961,862	2,846	329,848	1,940,961

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*
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
1998 ...	0	500	59,856	19,654	5,956	12	685,147
1999 ...	0	0	58,461	17,855	5,666	11	653,953

[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.—Farmers' marketing, farm supply, and related service cooperatives: Number, memberships, and business, United States, 1989–98

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*
1989 [6]	2,550	1,803	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	2,012	1,403	469	3,884	1,682	1,795	187	3,664	3,100
1997 [6]	1,941	1,386	464	3,791	1,498	1,743	183	3,424	3,647
1998 [7]	1,863	1,347	441	3,651	1,398	1,774	181	3,353	3,473

Year [1]	Marketing volume		Farm supply volume		Total marketing and farm supply volume and service receipts	
	Estimated gross business [8]	Estimated net business [9]	Estimated gross business [8]	Estimated net business [9]	Estimated gross business [8]	Estimated net business [9]
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*	*Million dollars*
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	90,270	79,429	34,728	23,653	128,098	106,182
1997 [6]	85,949	77,843	37,076	25,181	126,673	106,670
1998 [7]	84,524	76,642	32,964	24,551	120,961	104,667

[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 1989. [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] Preliminary. [8] 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. [9] 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.

Rural Business-Cooperative Service (RBS), Statistics, (202) 720–2480 or celestine.adams@usda.gov. Based on records from cooperatives reporting to the Service.

Table 10-15.—Farmers' cooperatives: Business volume, number of marketing, farm supply, and related service cooperatives and business volume, United States, 1997 and 1998 (preliminary)

Item	Gross business		Net business [1]	
	1997	1998	1997	1998
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Products marketed:				
Beans and peas (dry edible)	188,991	187,311	188,991	187,205
Cotton and cotton products	3,074,337	3,004,378	3,003,886	2,961,070
Dairy products	26,277,957	27,807,551	23,374,069	25,329,431
Fruits and vegetables	9,837,141	9,903,793	9,268,189	9,391,182
Grain and oilseeds excluding cottonseeds	28,782,746	25,338,925	24,639,161	21,290,872
Livestock and livestock products	7,483,538	7,575,045	7,460,349	7,418,103
Nuts	880,276	900,695	880,276	900,695
Poultry products	2,118,017	2,137,257	2,118,017	2,137,257
Rice	931,487	932,036	930,154	932,036
Sugar products [2]	2,428,119	2,681,064	2,283,591	2,444,742
Tobacco	592,876	348,460	592,876	348,460
Wool and mohair	18,931	11,332	11,306	6,783
Miscellaneous [3]	3,335,031	3,696,068	3,091,660	3,294,176
Total farm products	85,949,447	84,523,915	77,842,525	76,642,012
Supplies purchased:				
Crop protectants	4,350,820	4,078,630	3,125,481	3,165,678
Feed	8,147,076	7,168,390	5,987,963	5,405,305
Fertilizer	8,861,348	7,764,357	5,371,001	5,170,304
Petroleum	10,591,991	8,767,679	6,756,086	6,616,344
Seed	925,364	1,019,754	702,351	731,771
Other supplies [4]	4,199,141	4,146,958	3,237,745	3,461,977
Total farm supplies	37,075,740	32,963,768	25,180,627	24,551,379
Receipts for services: [5]				
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	3,647,334	3,473,231	3,647,334	3,473,231
Total business	126,672,521	120,960,914	106,670,486	104,666,622

[1] Represents value at the first level at which cooperatives transact business for farmers. [2] Revised for 1997. [3] 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. [4] Includes automotive supplies, building materials, chicks, containers, farm machinery and equipment, hardware, meats and groceries, and other supplies not separately classified. [5] Charges for services related to marketing or purchasing but not included in the volume reported for those activities, plus other income.

RBS, Statistics, (202) 720–2480 or celestine.adams@usda.gov. Based on records from cooperatives reporting to the Service.

Table 10-16.—Farmers' cooperatives: Types, numbers, and memberships, United States, 1998

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply, and related service: [1]			
Marketing	1998	1,863	1,398,356
Farm supply	1998	1,347	1,773,659
Related services [2]	1998	441	180,562
Service:			
Federal land bank associations [3]	Dec. 31, 1998	39	NA
Production credit associations [3]	Dec. 31, 1998	63	NA
Rural credit unions [4]	Dec. 31, 1998	653	4,439
Rural electric cooperatives [5]	Dec. 31, 1998	662	10,751
Rural telephone cooperatives [5]	Dec. 31, 1998	220	1,419
Production:			
Dairy herd improvement associations [6]	Dec. 31, 1998	NA	34,820

[1] Rural Business - 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 Utilities Service, U.S. Department of Agriculture. [6] Agriculture Research Service, U.S. Department of Agriculture. NA-not available.

RBS, Statistics, (202) 720–2480 or celestine.adams@usda.gov.

Table 10-17.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm supply, and related service cooperatives, by States, 1995, 1997 and 1998 (preliminary)

State	Cooperatives headquartered in State		Memberships in State [1]		Net business [1]	
	1997	1998	1995	1997	1995	1997
	Number	*Number*	*Number*	*Number*	*1,000 dollars*	*1,000 dollars*
AL	63	63	55,938	53,791	1,380,403	1,403,279
AK	9	9	6,246	7,675	41,846	64,651
AZ	10	10	10,017	46,757	721,816	737,821
AR	60	57	63,032	63,242	1,732,551	1,982,686
CA	185	186	59,551	56,715	8,890,968	9,108,671
CO	51	52	33,865	33,648	924,076	1,003,727
CT	4	5	3,310	3,174	126,710	205,367
DE	3	3	29,072	29,685	86,123	98,417
FL	46	44	28,382	27,124	2,498,745	2,485,382
GA	21	17	40,156	25,059	1,282,038	1,899,906
HI	32	29	14,928	13,397	118,743	114,572
ID	41	40	26,441	23,079	1,032,266	1,212,490
IL	203	196	235,239	233,229	5,021,399	6,033,807
IN	60	58	111,952	90,915	2,492,001	2,539,867
IA	223	204	241,348	187,858	7,995,126	10,940,936
KS	148	144	151,532	135,007	3,607,457	3,969,584
KY	42	42	203,061	208,606	1,125,812	1,078,217
LA	50	50	15,086	13,556	623,311	791,516
ME	24	24	9,527	9,214	226,460	216,711
MD	18	20	53,464	54,122	396,489	416,798
MA	14	16	5,343	5,050	997,220	655,138
MI	73	68	70,521	73,780	2,578,034	2,317,907
MN	368	341	329,241	296,058	7,422,439	9,770,774
MS	83	78	112,303	109,937	1,156,226	1,174,399
MO	75	73	180,235	156,093	3,091,663	3,718,435
MT	79	75	35,107	28,995	721,629	734,790
NE	127	122	121,266	109,547	4,355,176	5,073,468
NV	(2)	(2)	(2)	(2)	(2)	(2)
NH	(2)	(2)	(2)	(2)	(2)	(2)
NJ	19	18	8,220	7,724	373,128	345,035
NM	9	9	3,330	8,311	178,066	608,117
NY	96	99	61,930	50,369	2,255,214	2,595,476
NC	29	29	113,082	72,335	760,505	885,314
ND	297	283	143,844	129,445	3,171,612	3,301,100
OH	95	88	90,447	75,222	2,674,366	2,998,144
OK	101	95	77,651	75,431	1,185,081	1,103,286
OR	40	39	30,877	21,747	1,493,302	2,090,742
PA	60	60	62,073	53,378	1,769,454	1,983,374
RI	(2)	(2)	(2)	(2)	(2)	(2)
SC	6	6	19,612	3,745	270,859	377,563
SD	145	139	116,128	110,927	2,274,768	2,825,833
TN	79	79	148,933	141,185	926,899	721,691
TX	272	262	130,729	128,831	3,507,682	3,668,972
UT	21	18	13,268	11,550	579,378	690,794
VT	5	5	7,454	6,340	486,653	396,927
VA	63	63	167,890	150,011	684,145	742,131
WA	91	90	36,681	30,991	2,884,094	3,285,700
WV	20	27	63,748	61,235	135,003	161,980
WI	212	198	214,519	177,561	6,800,475	6,549,250
WY	14	13	4,619	4,690	147,178	195,538
US	3,791	3,651	3,764,135	3,419,134	93,315,433	105,438,843
Foreign [3]	.....	.....	3,160	5,034	502,814	1,231,643
Total	3,791	3,651	3,767,295	3,424,168	93,818,247	106,670,486

[1] Represents value at the first level at which cooperatives transact business for farmers. These statistics for 1998 are presented on a national basis only. Totals may not add due to rounding. [2] Dollar volume or membership is not shown to avoid disclosing operations of individual cooperatives. [3] Sales outside the United States, sales to domestic military installations, and sales of certain products not received directly from member-patrons.

RBS, Statistics, (202) 720–2480 or celestine.adams.usda.gov.

Table 10-18.—Rural Utilities Service: Long-term electric financing approved by purpose, by States as of December 31, 1998 [1]

State	Borrowers	Total financing approved						Loan estimates	
		RUS loans	Non-RUS financing		Financing approved by purpose			Miles of line	Consumers
			With RUS guarantee	Without RUS guarantee [2]	Distribution	Generation and transmission [2]	Consumer facilities		
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Number*	*Number*
AL	27	653,046	619,688	280,177	648,251	903,302	1,359	60,774	525,355
AK	17	806,845	260,240	132,206	547,672	650,530	1,089	10,119	178,589
AZ	14	283,961	348,495	110,887	283,827	459,027	490	18,984	169,284
AR	20	889,014	826,218	455,399	908,674	1,257,485	4,471	68,467	472,896
CA	10	80,357	.....	6,803	73,298	13,805	56	6,467	76,231
CO	25	1,047,292	1,486,233	572,274	865,983	2,239,742	74	66,668	373,857
CT	0	.....	.....	.....	.....	.....	.....	0	0
DE	1	56,030	.....	18,666	73,832	861	3	4,161	47,939
FL	18	922,929	1,126,698	560,098	1,192,456	1,414,750	2,519	62,812	768,406
GA	50	1,534,355	4,726,619	1,822,812	2,123,019	5,957,809	2,959	142,258	1,434,214
HI	0	.....	.....	.....	.....	.....	.....	0	0
ID	10	152,001	.....	36,612	160,977	26,440	1,197	12,332	57,732
IL	29	534,217	977,509	178,584	523,623	1,166,476	212	54,720	246,760
IN	46	445,422	1,458,747	453,484	475,560	1,881,376	717	54,715	427,963
IA	48	731,353	351,696	142,695	537,387	687,960	397	65,558	199,456
KS	34	582,193	689,344	100,818	529,691	842,250	415	71,815	214,456
KY	28	1,212,819	1,755,944	615,645	1,152,067	2,431,183	1,159	81,569	752,811
LA	20	584,007	2,784,208	323,934	686,488	3,005,482	177	47,995	413,736
ME	4	32,043	.....	17,998	31,118	18,879	44	2,034	18,895
MD	2	250,603	18,355	131,896	292,641	108,213	.....	13,108	147,305
MA	0	.....	.....	.....	.....	.....	.....	0	0
MI	12	433,607	819,472	88,511	396,968	944,149	473	33,306	258,349
MN	48	1,168,429	1,362,219	433,985	1,105,701	1,854,586	4,346	113,617	587,482
MS	29	728,562	701,843	276,585	829,580	876,716	694	86,128	620,210
MO	48	1,335,148	911,403	549,497	1,146,578	1,648,649	821	115,513	634,146
MT	26	346,987	8,648	47,199	334,336	68,269	229	45,048	117,607
NE	35	468,920	.....	41,577	402,633	107,303	562	75,300	172,020
NV	8	75,008	1,241	10,441	65,315	21,127	248	6,265	24,889
NH	1	100,399	143,839	8,696	103,050	149,850	32	4,616	64,601
NJ	2	18,173	.....	5,377	22,250	1,295	4	1,000	13,334
NM	18	407,011	404,376	169,693	397,282	580,788	3,010	42,358	197,195
NY	6	34,332	1,800	9,464	45,337	174	85	5,012	25,226
NC	35	989,803	1,326,071	487,280	1,169,375	1,629,147	4,635	83,488	808,790
ND	26	999,526	2,198,486	846,293	588,511	3,453,809	1,986	68,041	126,182
OH	27	449,076	127,324	467,311	545,098	498,394	218	46,002	336,439
OK	29	953,305	635,169	271,366	942,954	914,211	2,676	96,538	465,614
OR	18	268,730	54,128	83,272	285,131	120,761	237	23,200	127,560
PA	13	324,031	588,133	118,099	405,233	624,791	239	26,550	208,854
RI	0	.....	.....	.....	.....	.....	.....	0	0
SC	28	990,467	475,411	379,965	1,127,460	716,152	2,231	63,715	605,838
SD	32	586,781	15,387	53,082	502,610	151,759	881	65,099	141,289
TN	33	566,601	10,921	196,135	755,699	17,735	223	80,237	895,301
TX	100	2,215,127	1,213,251	765,190	2,362,814	1,828,230	2,524	260,475	1,389,233
UT	6	72,455	1,027,311	216,171	59,920	1,255,893	124	5,783	23,326
VT	3	58,869	50,726	7,310	48,701	67,300	903	2,903	23,507
VA	18	654,930	243,900	223,204	826,509	295,036	488	41,590	365,828
WA	23	213,767	825	39,373	239,510	14,203	252	20,753	104,197
WV	1	11,479	.....	1,059	12,533	.....	5	801	6,646
WI	28	500,505	340,351	142,889	378,884	603,052	1,809	44,924	216,332
WY	13	244,547	6,585	23,297	211,671	62,657	101	27,985	78,767
MH [3]	1	.....	12,500	.....	325	12,175	.....	0	2,624
PR	1	300,981	.....	31,424	292,851	39,554	.....	16,633	624,343
VI	1	430	.....	.....	234	197	.....	85	912
US [4]	1,072	26,316,473	30,111,313	11,954,733	26,711,617	41,623,528	47,374	2,347,521	15,792,526

[1] Includes $579,802,209 discounted principal from 169 prepaid borrowers. [2] Includes loans obtained by RUS borrowers' affiliates specifically organized to facilitate non-RUS finanacing. [3] Marshall Islands. [4] Includes figures not shown elsewhere in this table for two borrowers whose loans have been foreclosed. The total amount of these loans was $37,237.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-19.—Rural Utilities Service: Composite revenues and patronage capital, average number of consumers and megawatt-hour sales reported by rus electric borrowers operating distribution systems - calendar years 1996-1998

Item	1996		1997		1998	
	Amount	Percent of total	Amount	Percent of total	Amount	Percent of total
Number of borrowers reporting	768	722	686			
Average number of consumers served:						
Residential service (farm & non-farm)	10,048,457	89.6	10,027,563	89.6	9,723,306	89.5
Commercial & industrial, small	985,890	8.8	986,344	8.8	968,646	8.9
Commercial & industrial, large	7,204	0.1	7,966	0.1	6,565	0.1
Irrigation	115,806	1.0	110,940	1.0	108,224	1.0
Other electric service	52,499	0.5	53,566	0.5	51,618	0.5
To others for resale	249	(*)	184	(*)	192	(*)
Total	11,210,045	100.0	11,186,475	100.0	10,858,441	100.0
Megawatt-hour sales:						
Residential service (farm & non-farm)	129,150,085	58.8	124,628,671	57.7	125,210,030	57.5
Commercial & industrial, small	38,562,711	17.6	38,236,438	17.7	38,436,382	17.7
Commercial & industrial, large	43,950,492	20.0	45,632,672	21.1	45,832,466	21.1
Irrigation	4,044,795	1.8	3,662,470	1.7	4,115,187	1.9
Other electric service	1,819,710	0.8	2,041,507	0.9	1,843,974	0.8
To others for resale	2,079,144	0.9	1,899,109	0.9	2,206,671	1.0
Total	219,606,916	100.0	216,100,853	100.0	217,644,698	100.0
Revenue and patronage capital:						
Residential service (farm & non-farm)	9,700,988	64.9	9,365,391	64.1	9,350,915	64.1
Commercial & industrial, small	2,738,528	18.3	2,706,060	18.5	2,692,966	18.5
Commercial & industrial, large	1,792,562	12.0	1,821,426	12.5	1,814,926	12.4
Irrigation	269,371	1.8	245,448	1.7	268,307	1.8
Other electric service	132,006	0.9	138,204	0.9	137,124	0.9
To others for resale	92,342	0.6	87,440	0.6	83,129	0.6
Total from sales of electric energy	14,725,798	98.5	14,363,968	98.4	14,347,368	98.3
Other operating revenue	223,347	1.5	239,898	1.6	244,197	1.7
Total operating revenue	14,949,145	100.0	14,603,866	100.0	14,591,565	100.0

Less than 0.05 percent.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-20.—Rural Utilities Service: Advances to, and operating statistics of, electric borrowers, United States and Territories, 1990–99

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.*
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	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	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	23,235,820	1,047	2,265,042	13,172,812	155,359,522	153,407,637	287,682,820	16,781,276	1,632	1,071
1997	23,917,858	1,043	2,302,221	13,569,867	147,746,172	156,904,182	284,072,253	16,427,652	1,612	1,037
1998	24,503,187	1,033	2,303,030	13,899,900	157,896,742	153,038,893	292,649,616	16,772,806	1,670	1,073
1999 [5]	25,150,466	1,027	2,329,844	14,183,217	.....	.....	.....	.....	.....	.....

[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, 1998, there were 236 such borrowers with 393,475 miles energized and 2,604,353 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.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-21.—Rural Utilities Service: Annual revenues and expenses reported by electric borrowers, United States, 1989–98

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*
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	24,438,558	19,777,504	2,054,058	1,788,164	1,328,237	61,443,968
1997	23,321,068	18,987,613	1,908,451	1,726,982	1,018,702	60,770,878
1998 [1]	23,987,773	19,491,238	1,890,050	1,732,056	1,274,324	61,720,967

[1] Revised.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-22.—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, 1990–99 [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*
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
1993	7,478,199	6,474,582	1998	6,358,665	11,684,548
1994	7,393,147	6,143,719	1999	6,227,194	10,911,590

[1] Includes Puerto Rico.

FCA, Regulation and Policy Division, (703) 883–4073.

Table 10-23.—Rural Utilities Service: Annual revenues, expenses, and total plant reported by telecommunications borrowers, United States, 1989–98

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*
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 [3]	835	4,530,751	3,503,605	265,259	1,000,442	1,009,335	16,262,081
1997	818	4,827,842	3,709,141	284,638	1,071,504	1,092,836	17,370,113
1998	779	4,853,279	3,789,927	267,846	1,091,610	1,169,762	17,620,914

[1] Includes other income and deductions (net) unregulated and extraordinary and delayed items. [2] Investment in physical plant and related facilities. [3] Revised.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-24.—Rural Utilities Service and Rural Telephone Bank: Advances to, and operating statistics of, telecommunications borrowers, United States, 1990–99

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*
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	4,530,751
1997 [2]	6,224,541	2,562,619	835	23,165	5,380,389	4,827,842
1998	6,430,823	2,626,806	818	22,925	5,619,649	4,853,279
1999	6,632,802	2,683,284	779	21,657	5,477,668	.....

[1] Cumulative from organization, Oct. 28, 1949. Actual funds advanced out of loans approved, as shown in table 10-27. [2] Revised.

RD, Planning and Policy Branch, (703) 605–4392.

Table 10-25.—Rural Utilities Service: Telecommunications borrowers, by States, as of December 31, 1998

State	Borrowers	Net operating revenue	Total operating expenses	Total equity	Telecom plant in service	Net plant	Total assets
	Number	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Alabama	18	158,627	122,556	255,779	458,646	263,157	489,168
Alaska	10	152,326	125,927	185,512	564,447	288,251	397,730
Arizona	7	84,772	76,839	132,432	314,830	188,116	287,888
Arkansas	16	176,539	133,046	248,302	605,456	389,332	511,395
California	13	107,218	86,210	185,301	321,569	168,406	299,543
Colorado	14	30,563	23,882	58,418	125,362	76,847	117,263
Connecticut	...	...	...	...	...	...	...
Delaware	...	...	...	...	...	...	...
Florida	2	60,617	50,806	59,341	228,096	103,875	120,218
Georgia	23	361,289	291,507	353,745	1,216,239	579,791	865,303
Hawaii	...	...	...	...	...	...	...
Idaho	9	19,475	16,030	37,697	73,228	41,921	75,024
Illinois	19	54,900	40,733	111,590	143,677	64,856	160,739
Indiana	23	64,606	48,602	129,842	207,971	125,009	209,935
Iowa	62	84,787	57,444	267,420	246,361	136,342	354,663
Kansas	22	115,654	89,403	220,197	390,147	233,187	392,019
Kentucky	15	125,963	93,578	234,740	454,372	280,759	461,700
Louisiana	16	182,663	134,862	263,744	479,762	265,579	425,414
Maine	9	25,556	20,756	31,617	86,325	44,002	62,009
Maryland	1	4,669	4,022	4,906	12,261	6,774	11,179
Massachusetts	1	2,861	2,511	2,661	5,554	2,708	5,266
Michigan	22	114,541	86,719	162,812	295,755	176,706	289,394
Minnesota	54	258,204	198,779	370,925	912,121	457,987	768,091
Mississippi	15	87,963	65,383	122,642	249,164	154,982	233,301
Missouri	20	120,607	84,780	232,189	423,347	274,739	397,923
Montana	12	106,469	79,667	231,878	448,197	283,255	489,471
Nebraska	28	89,026	70,771	221,199	292,599	154,396	393,735
Nevada	3	9,163	6,780	20,919	33,705	21,960	36,208
New Hampshire	6	18,353	15,628	22,157	54,984	29,123	43,288
New Jersey	...	...	...	...	...	...	...
New Mexico	8	78,486	59,002	130,333	321,935	163,547	291,094
New York	26	117,795	104,401	160,692	311,562	183,624	313,463
North Carolina	16	234,139	172,510	338,693	775,014	429,025	644,055
North Dakota	10	60,328	46,233	143,228	308,290	154,998	299,530
Ohio	14	22,731	17,766	37,298	62,506	32,177	63,972
Oklahoma	25	166,624	127,745	257,477	554,211	327,372	526,345
Oregon	19	74,424	60,023	155,966	330,364	190,278	280,273
Pennsylvania	15	89,819	70,348	97,283	234,733	122,219	190,364
Rhode Island	...	...	...	...	...	...	...
South Carolina	14	193,294	157,226	316,177	685,608	352,253	593,192
South Dakota	17	59,002	45,131	139,467	248,694	126,696	292,919
Tennessee	21	217,036	169,178	304,895	748,255	450,058	639,853
Texas	32	282,142	221,235	597,417	1,060,242	610,884	1,048,083
Utah	4	23,253	16,972	25,523	83,729	57,417	79,327
Vermont	4	7,212	6,475	8,512	23,938	9,912	13,850
Virginia	11	52,000	39,517	88,854	173,239	106,474	159,833
Washington	14	51,627	41,652	78,147	159,443	90,583	140,133
West Virginia	6	31,975	29,805	73,708	141,882	101,646	125,888
Wisconsin	71	315,120	253,371	480,928	1,047,982	640,987	886,963
Wyoming	7	69,283	51,391	60,661	231,207	158,994	199,821
Micronesia	1	9,517	6,720	25,922	55,786	41,732	56,538
Guam	1	34,752	30,448	59,076	247,414	182,073	204,726
Marshall Islands	1	5,585	4,931	8,579	30,138	18,889	29,701
Northern Mariana Isl	1	33,352	24,832	38,614	97,810	47,481	86,626
Palau	1	6,373	5,795	13,627	45,810	40,634	52,577
Puerto Rico	...	...	...	...	...	...	...
Virgin Islands	...	...	...	...	...	...	...
United States	779	4,853,279	3,789,927	7,809,039	16,623,970	9,452,011	15,116,992

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Table 10-26.—Rural Utilities Service: Financing approved and funds advanced to telecommunications borrowers, by States, as of December 31, 1998

State	Financing - Cumulative totals								
	Borrowers			Financing approved			Funds advanced		
	RUS	RTB	Guarantee	RUS	RTB	RUS guarantee commitments	RUS	RTB	FFB (RUS guaranteed)
	Number	*Number*	*Number*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Alabama	25	21	2	212,516	104,668	11,901	178,598	94,123	11,901
Alaska	12	10	1	161,885	107,814	34,013	159,979	84,279	34,013
Arizona	8	7	3	105,078	105,348	33,125	58,704	81,810	33,016
Arkansas	19	12	2	185,656	120,580	23,122	156,420	102,162	23,122
California	14	14	3	123,407	100,533	38,608	92,831	65,011	11,396
Colorado	19	9	1	73,215	31,975	102	61,302	26,518	.....
Connecticut	.....	.....	.....	.....	.....	.....	.....	.....	.....
Delaware	.....	.....	.....	.....	.....	.....	.....	.....	.....
Florida	9	7	5	45,978	41,332	76,556	43,120	40,734	60,237
Georgia	27	20	3	399,179	235,507	88,912	325,908	174,650	84,948
Hawaii	1	1	.....	17,433	10,249	.....	.....	.....	.....
Idaho	11	3	.....	52,369	13,054	.....	46,530	7,638	.....
Illinois	23	20	.....	91,769	32,240	.....	82,179	26,258	.....
Indiana	35	14	1	114,509	40,472	1,040	106,572	24,623	1,014
Iowa	86	43	4	177,707	78,215	8,361	140,138	42,554	5,733
Kansas	31	18	3	280,519	69,278	20,561	226,220	40,683	16,199
Kentucky	17	13	1	337,983	121,695	26,400	287,256	61,390	26,400
Louisiana	17	14	3	208,490	95,568	14,026	150,451	61,059	13,651
Maine	12	12	1	34,983	37,323	1,875	33,533	36,371	1,875
Maryland	1	1	.....	2,061	4,080	.....	2,061	4,080	.....
Massachusetts	1	1	.....	2,095	3,780	.....	1,835	1,801	.....
Michigan	30	19	1	116,972	84,901	2,953	104,794	71,563	2,953
Minnesota	66	45	5	428,836	159,572	22,225	331,653	102,378	10,239
Mississippi	16	12	1	111,223	18,699	5,200	104,370	15,906	5,200
Missouri	27	15	3	265,265	84,616	36,777	214,849	54,553	36,528
Montana	13	8	.....	249,051	37,280	.....	228,575	5,728	.....
Nebraska	32	14	1	127,515	44,710	4,672	112,730	36,647	3,337
Nevada	4	4	.....	12,598	12,292	.....	8,449	12,292	.....
New Hampshire	7	7	1	22,600	15,352	180	18,705	12,072	180
New Jersey	1	1	1	14,295	16,554	3,084	14,295	16,554	3,084
New Mexico	8	5	.....	239,662	18,601	.....	194,570	3,744	.....
New York	24	26	3	62,085	57,694	18,877	54,111	47,760	18,220
North Carolina	19	11	2	206,483	152,120	19,512	203,425	129,970	19,512
North Dakota	14	7	.....	261,179	27,167	.....	219,798	13,918	.....
Ohio	17	5	.....	29,393	9,343	.....	29,296	5,444	.....
Oklahoma	30	26	2	276,368	187,545	38,021	229,805	155,444	18,335
Oregon	26	18	6	119,742	54,152	32,788	91,209	41,137	25,260
Pennsylvania	22	19	4	82,302	215,981	118,247	73,529	212,751	57,408
Rhode Island	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Carolina	18	15	4	250,923	276,757	155,764	198,762	216,982	54,815
South Dakota	19	11	1	325,736	33,712	7,794	217,340	19,013	.....
Tennessee	22	17	4	437,965	116,838	23,366	352,942	73,507	14,358
Texas	60	33	5	614,949	184,299	63,838	528,952	136,448	51,316
Utah	7	5	.....	41,004	7,493	.....	32,397	7,435	.....
Vermont	4	5	.....	4,785	10,361	.....	4,785	6,955	.....
Virginia	14	10	1	79,823	41,307	3,337	71,879	28,775	717
Washington	19	12	3	51,081	36,888	11,571	43,719	28,228	5,997
West Virginia	7	6	1	73,235	20,955	5,250	63,412	19,458	5,250
Wisconsin	80	65	4	402,770	240,844	26,593	292,164	171,622	26,093
Wyoming	7	7	1	56,656	15,232	3,497	41,641	8,028	.....
Micronesia	1	.....	.....	39,960	.....	.....	39,960	.....	.....
Guam	1	1	1	106,298	19,610	24,700	106,298	18,257	24,700
Marshall Islands	1	.....	.....	22,799	.....	.....	21,719	.....	.....
Northern Mariana Isl	1	1	.....	11,212	46,833	.....	11,212	34,973	.....
Palau	1	.....	.....	39,143	.....	.....	36,398	.....	.....
Puerto Rico	2	.....	.....	115,677	.....	.....	115,677	.....	.....
Virgin Islands	1	.....	.....	65,743	.....	.....	65,743	.....	.....
United States	989	670	88	7,992,163	3,601,416	1,006,848	6,632,802	2,683,284	707,007

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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-supported commodities owned as of Dec. 31, 1989–98 [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*	
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
1997	(3)	0	(3)	2	(2)	(2)	30	(2)
1998	1	0	0	15	(8)	1	111	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*
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
1997	0	0	0	0	0	93	364
1998	(2)	0	0	3	0	107	363

[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.

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Table 11-2.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1992–97 [1]

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	1,000 bales	139	35,459	211	53,863
Seed cotton upland	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	1,000 bushels	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	
		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

Commodity	Unit	1996		1997 [2]	
		Quantity pledged	Face amount	Quantity pledged	Face amount
			1,000 dollars		*1,000 dollars*
Barley	1,000 bushels	28,836	41,110	32,894	49,108
Corn	1,000 bushels	970,590	1,764,291	1,129,915	2,062,308
Cotton [3]	1,000 bales	3,381	869,911	4,315	1,109,629
Seed cotton	1,000 pounds	131,356	4,765	2,420	1,245
Sugar Cane and Beet	1,000 pounds	1,837,547	383,460	1,593,076	344,775
Flaxseed	1,000 Cwt	21	190	59	550
Honey	1,000 pounds		0		
Oats	1,000bushels	1,526	1,484	2,380	2,533
Peanuts	1,000 Pounds	322,668	34,856	418,969	41,182
Rice	1,000 cwt	68,920	447,790	67,614	427,602
Rye	1,000 bushels		0		
Sorghum grain	1,000 bushels	20,383	36,106	17,487	30,346
Soybeans	1,000 bushels	195,997	957,948	265,224	1,378,812
Storage facility and equipment			0		
Tobacco	1,000 pounds	1,719	3,813	263,998	631,219
Wheat	1,000 bushels	194,795	505,268	262,852	677,866
Sunflower Seed	1,000 cwt	2,534	22,380	2,801	25,730
Canola Seed	1,000 Cwt	96	902	334	3,214
Safflower Seed	1,000 Cwt	5	39	10	69
Mustard Seed	1,000 Cwt			19	178
Sunflower Seed (non-oil)	1,000 Cwt			231	2,147

[1] Includes loans made directly by Commodity Credit Corporation. [2] Loans through Sept. 30, 1996. [3] Includes extra long staple cotton and upland cotton.

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Table 11-3.—Commodity Credit Corporation: Loan transactions for fiscal year 1998, by commodities [1]

Commodity	Unit	Loans outstanding Oct. 1, 1997 [2]	New loans made	Repayments	Collateral acquired in settlement	Loans written off [3]	Loans outstanding Sept. 30, 1998	
							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	144,797	2,083,190	1,909,539	17,629	90,187	210,632	114,110
Cotton	Bale	15,572	1,147,138	1,071,804	1,517	48,967	40,422	172
Seed cotton	Pound	0	1,281	1,245	0	0	36	67
Peanuts	Ton	5,497	32,074	35,861	0	0	1,710	18,528
Rice	Cwt	71,569	430,635	426,966	0	101	75,137	11,318
Tobacco [4]	Pound	702,535	618,641	212,462	0	0	1,108,714	456,526
Wheat	Bushel	355,201	996,438	668,170	26,987	37,844	618,638	240,184
Total		1,295,171	5,309,397	4,326,047	46,133	177,099	2,055,289	XXXXX
Designated nonbasic commodities:								
Barley	Bushel	22,527	54,596	45,835	1,130	2,524	27,634	18,574
Sorghum	Bushel	8,634	28,156	28,888	613	1,175	6,114	3,498
Honey	Pound	76	0	0	0	76	0	0
Oats	Bushel	1,394	4,707	2,534	27	131	3,409	3,261
Rye	Bushel	0	0	0	0	0	0	0
Sugar, beet	Pound	0	281,040	272,752	0	0	8,288	37,000
Sugar, cane	Pound	0	72,023	72,023	0	0	0	0
Sunflower seed	Cwt	2,545	26,025	27,779	0	167	624	68
Flaxseed	Cwt	50	1,560	586	0	3	1,021	109
Canola seed	Cwt	795	4,997	3,330	0	19	2,443	248
Safflower seed	Cwt	0	69	43	0	0	26	4
Rapeseed	Cwt	0	3	0	0	0	3	0
Mustard seed	Cwt	0	270	178	0	0	92	10
Sunflower seed, non oil.	Cwt	647	2,147	2,649	0	122	23	2
Total		36,668	475,593	456,597	1,770	4,217	49,677	XXXXX
Other nonbasic commodities:								
Soybeans	Bushel	19,072	1,404,208	1,278,975	17,863	12,729	113,713	22,066
Total		19,072	1,404,208	1,278,975	17,863	12,729	113,713	XXXXX
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]		1,350,911	7,189,198	6,061,619	65,766	194,045	2,218,679	XXXXX

[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 represents 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.

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Table 11-4.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1998

Program and commodity	Quantity					
	Unit	Inventory Oct. 1, 1997	Purchases	Collateral acquired from loans	Sales [1]	Inventory Sept. 30, 1998
		Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
Feed grains:.						
Barley	Bushel	370	28	736	715	420
Corn	Bushel	2,492	11,138	9,844	13,315	10,159
Corn products	Pound	0	136,482	0	136,482	0
Grain sorghum	Bushel	0	3,046	351	3,073	324
Sorghum grits	Pound	0	13,929	0	13,929	0
Oats	Bushel	0	0	26	23	4
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	93,201	23,752	10,252	25,025	102,180
Wheat flour	Pound	0	381,146	0	381,146	0
Wheat products, other	Pound	0	272,665	0	272,665	0
Rice, milled	Cwt	0	2,324	0	2,324	0
Rice, rough	Cwt	0	0	0	0	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	6	6	0
Dairy products:						
Butter	Pound	0	0	0	0	0
Butter oil	Pound	0	0	0	0	0
Cheese	Pound	1,424	144	0	1,568	0
Milk, dried	Pound	20,451	146,302	0	42,608	124,145
Milk UHT	Pound	0	0	0	0	0
Infant formula	Pound	0	0	0	0	0
Evaporated milk	Pound	0	0	0	0	0
Total dairy products		xxx	xxx	xxx	xxx	xxx
Oils and oilseeds:						
Sunflower seed	Cwt.	2	0	0	2	0
Sunflower seed, non-oil	Cwt.	0	0	0	0	0
Sunflower seed oil, processed	Cwt.	0	209	0	209	0
Peanuts, farmers' stock	Pound	0	0	0	0	0
Peanut products	Pound	0	0	0	0	0
Peanut butter	Pound	0	0	0	0	0
Soybeans	Bushel	0	0	3,472	1,200	2,273
Soybean meal	Pound	0	85,116	0	85,116	0
Flaxseed	Cwt.	0	0	0	0	0
Totals oils and oilseeds		xxx	xxx	xxx	xxx	xxx
Blended foods	Pound	0	496,130	0	496,130	0
Grains and seeds:						
Feed for Government facilities	Cwt	0	2	0	2	0
Foundation seeds	Pound	0	0	0	0	0
Total grains and seeds		xxx	xxx	xxx	xxx	xxx
Peas, dry whole	Pound	0	137,254	0	137,254	0
Honey	Pound	0	0	0	0	0
Denatured alcohol	Gallon	0	0	0	0	0
Sugar, cane and beet	Pound	0	0	0	0	0
Vegetable oil products	Pound	0	347,885	0	347,885	0
Egg mix, dry	Pound	0	0	0	0	0
Other (B)		0	709	0	709	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 11-4.—Commodity Credit Corporation: Selected inventory transactions, programs and commodity, fiscal year 1998—Continued

Program and commodity	Value					
	Unit	Inventory Oct. 1, 1997	Purchases	Collateral acquired from loans	Sales [1]	Inventory Sept. 30, 1998
		1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Feed grains:.						
Barley	Bushel	910	38	1,159	1,422	686
Corn	Bushel	6,363	33,867	17,971	38,114	20,085
Corn products	Pound	0	16,168	0	16,168	0
Grain sorghum	Bushel	0	9,569	627	9,613	582
Sorghum grits	Pound	0	1,642	0	1,642	0
Oats	Bushel	0	0	30	25	4
Oats, rolled	Pound	0	0	0	0	0
Rye	Bushel	0	0	0	0	0
Total feed grains		7,273	61,283	19,786	66,984	21,358
Wheat (A)	Bushel	346,334	94,551	27,644	98,561	369,967
Wheat flour	Pound	0	38,363	0	38,363	0
Wheat products, other	Pound	0	24,410	0	24,410	0
Rice, milled	Cwt	0	39,593	0	39,593	0
Rice, rough	Cwt	0	0	0	0	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	100	0	1,698	1,798	0
Dairy products:						
Butter	Pound	0	0	0	0	0
Butter oil	Pound	0	0	0	0	0
Cheese	Pound	1,656	171	0	1,827	0
Milk, dried	Pound	21,392	157,216	0	50,384	128,225
Milk UHT	Pound	0	0	0	0	0
Infant formula	Pound	0	0	0	0	0
Evaporated milk	Pound	0	0	0	0	0
Total dairy products		23,048	157,388	0	52,211	128,225
Oils and oilseeds:						
Sunflower seed	Cwt.	22	0	1	22	0
Sunflower seed, non-oil	Cwt.	0	0	0	0	0
Sunflower seed oil, processed	Cwt.	0	5,527	0	5,527	0
Peanuts, farmers' stock	Pound	0	0	0	0	0
Peanut products	Pound	0	0	0	0	0
Peanut butter	Pound	0	0	0	0	0
Soybeans	Bushel	0	0	17,865	6,165	11,700
Soybean meal	Pound	0	9,304	0	9,304	0
Flaxseed	Cwt.	0	0	0	0	0
Totals oils and oilseeds		22	14,831	17,866	21,019	11,700
Blended foods	Pound	0	70,464	0	70,464	0
Grains and seeds:						
Feed for Government facilities	Cwt	0	14	0	14	0
Foundation seeds	Pound	0	0	0	0	0
Total grains and seeds		0	14	0	14	0
Peas, dry whole	Pound	0	18,967	0	18,967	0
Honey	Pound	0	0	0	0	0
Denatured alcohol	Gallon	0	0	0	0	0
Sugar, cane and beet	Pound	0	0	0	0	0
Vegetable oil products	Pound	0	127,695	0	127,695	0
Egg mix, dry	Pound	0	0	0	0	0
Other (B)		0	12,572	0	12,572	0
Total inventory operations		376,776	660,130	66,994	572,650	531,249
Additional Adjustment for lag activity						
		376,776	660,130	66,994	572,650	531,249

[1] Includes sales, 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 fish, canned salmon.
Table may not add due to rounding.

FSA, Financial Management Division, (703) 605–0747.

Table 11-5.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1998 [1]

(In Thousands)

Commodity	Domestic				
	Dollar sales	Transfers to other Government 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	619	0	803	0	1,422
Corn	3,159	282	858	0	4,299
Corn products	0	0	0	13	13
Grain sorghum	45	0	0	0	45
Sorghum grits	0	0	0	1	1
Oats	25	0	0	0	25
Oats, rolled	0	0	0	0	0
Wheat	3,894	0	0	2	3,896
Wheat flour	0	0	0	1	1
Wheat products, other	0	0	0	0	0
Rice, milled	0	0	0	0	0
Rice, rough	0	0	0	0	0
Rice, brown and textured soy	0	0	0	0	0
Cotton, extra long staple and upland	1,798	0	0	0	1,798
Rye	0	0	0	0	0
Dairy products:					
Butter oil	0	0	0	0	0
Butter	0	0	0	0	0
Cheese	0	1,822	0	5	1,827
Milk evaporated infant formula	0	0	0	0	0
Milk, dried	2,270	931	24,553	444	28,198
Oils and oilseeds:.					
Peanut products	0	0	0	0	0
Peanut butter	0	0	0	0	0
Peanuts, farmer's stock	0	0	0	0	0
Soya flour	0	0	0	0	0
Flaxseed	0	0	0	0	0
Sunflower Seed (oil & non-oil)	22	0	0	0	22
Soybeans	6,098	0	0	0	6,098
Nutritional Powdered Beverage	0	0	0	0	0
Blended foods	0	0	0	83	83
Dry Vegetable Burger	0	0	0	0	0
Grains and seeds:.					
Feed for Govenment facilities	0	14	0	0	14
Foundation seeds	0	0	0	0	0
Peas dried whole	0	0	0	5	5
Dry edible beans	0	0	0	1	1
Honey	0	0	0	0	0
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 [5]	0	0	0	5	5
Total [2]	17,930	3,049	26,214	574	47,767

See footnotes at end of table.

Table 11-5.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1998 [1]—Continued

(In Thousands)

Commodity	Export			Total export and domestic
	Public law 480 Title II/III	Donations [1]	Total export [3]	
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Feed Grains:.				
Barley	0	0	0	1,422
Corn	32,166	2,580	34,746	39,045
Corn products	16,094	61	16,155	16,168
Grain sorghum	9,788	0	9,788	9,833
Sorghum grits	1,641	0	1,641	1,642
Oats	0	0	0	25
Oats, rolled	0	0	0	0
Wheat	83,942	11,095	95,037	98,933
Wheat flour	28,621	9,741	38,362	38,363
Wheat products, other	24,410	0	24,410	24,410
Rice, milled	0	0	0	0
Rice, rough	0	0	0	0
Rice, brown and textured soy	0	0	0	0
Cotton, extra long staple and upland	0	0	0	1,798
Rye	0	0	0	0
Dairy products:				
Butter oil	0	0	0	0
Butter	0	0	0	0
Cheese	0	0	0	1,827
Milk evaporated infant formula	0	0	0	0
Milk, dried	0	25,813	25,813	54,011
Oils and oilseeds:.				
Peanut products	0	0	0	0
Peanut butter	0	0	0	0
Peanuts, farmer's stock	0	0	0	0
Soya flour	0	0	0	0
Flaxseed	0	0	0	0
Sunflower Seed (oil & non-oil)	5,527	0	5,527	5,549
Soybeans	2,696	6,608	9,304	15,402
Nutritional Powdered Beverage	0	0	0	0
Blended foods	70,162	220	70,382	70,465
Dry Vegetable Burger	0	0	0	0
Grains and seeds:.				
Feed for Govenment facilities	0	0	0	14
Foundation seeds	0	0	0	0
Peas dried whole	18,215	747	18,962	18,967
Dry edible beans	9,128	3,137	12,265	12,266
Honey	0	0	0	0
Sugar	0	0	0	0
Vegetable oil products	97,932	29,750	127,682	127,696
Meat	0	0	0	0
Poultry, frozen chicken	0	0	0	0
Baby food, glass jar	0	0	0	0
Lumber	0	0	0	0
Adjustments for lag activity [4]	0	0	0	0
Other [5]	31,494	8,401	39,895	39,900
Total [2]	431,816	98,153	529,969	577,736

[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. [5] Rice products and fish, canned salmon.

FSA, Financial Management Division, (703) 605–0747.

Table 11-6.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1989–98 [1]

Date	Inventory after revaluation	Loans held CCC	Total investment
	Million dollars	*Million dollars*	*Million dollars*
1989:			
March	4,531.5	10,708.9	15,240.4
June	4,349.8	8,287.5	12,637.3
1990:			
March	3,223.4	6,205.9	9,429.3
June	2,558.3	4,157.6	6,715.9
1991:			
March	2,375.1	4,930.5	7,305.6
June	3,168.2	3,267.1	6,435.3
1992:			
March	2,167.0	5,045.0	7,212.0
June	2,047.0	2,944.2	4,991.2
1993:			
March	1,688.2	6,104.7	7,792.9
June	1,606.1	4,564.0	6,170.1
1994:			
March	1,281.3	4,263.2	5,544.5
June	1,211.6	3,048.1	4,259.6
1995:			
March	774.2	7,624.1	8,398.3
June	705.1	4,969.6	5,674.7
1996:			
March	649.6	3,715.1	4,364.7
June	574.6	2,177.9	2,752.5
1997:			
March	436.0	3,753.0	4,189.0
June	406.0	2,154.0	2,560.0
1998:			
March	386.1	5,058.9	5,445.0
June	436.1	3,376.7	3,812.8

[1] Reflects total CCC loans and inventories.

FSA, Financial Management Division, (703) 605–0747.

Table 11-7.—Farm Service Agency programs: Payments to producers, by program and commodity, United States, calendar years 1994–98

Program and commodity	1994	1995	1996	1997	1998
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Production flexibility	0	0	5,973,002	6,119,814	6,000,580
Feed grains deficiency/diversion	1,446,939	3,023,945	(384,393)	(559,718)	(3,458)
Wheat definciency	1,155,840	587,194	(473,223)	(8,969)	(857)
Rice definciency	337,077	784,459	174,795	(41)	21
Cotton (upland and ELS) deficiency	826,377	29,688	(104,884)	(5,851)	(797)
Wool and mohair	201,947	98,255	55,689	14	90
Loan deficiency	91,348	5,475	(11)	(58)	1,782,986
Dairy indemnity	181	38	235	206	446
Milk diversion	(1)	0	0	0	0
Dairy termination	(12)	(6)	0	0	0
Milk Marketing Fee	80,242	72,989	82,057	16,535	1
Disaster	1,574,966	596,181	3,926	1,840	1,959
Emergency feed/livestock assistance	94,447	63,479	84,508	17,638	(41)
Disaster reserve assist.prgm (livestock)	0	0	8,094	85,254	8,456
Producer storage	9,095	20,503	24	(1)	(1)
Conservation reserve	1,738,607	1,728,597	1,667,984	1,610,742	1,429,561
Agricultural conservation	189,866	130,889	93,435	44,453	17,527
Rural clean water program	205	212	62	2	0
Colorado river salinity	7,332	993	0	0	0
Forestry incentive	11,956	7,535	0	0	0
Emergency conservation	32,379	24,932	24,924	33,726	24,547
Waterbank	10,893	10,625	0	0	0
Environ. quality incentives prgm. (EQIP)	0	0	18,153	44,662	76,621
Options pilot program	15,827	12,129	143	(3)	0
Potato diversion program	0	0	0	5,220	0
Market Gains	34,506	43,458	(158)	(34)	171,127
Noninsured assistance program (NAP)	0	0	41,786	43,382	22,661
Karnal bunt fungus	0	0	9,628	8,614	8,760
Dairy disaster assistance	0	0	0	0	8,839
Marketing loss assistance	0	0	0	0	2,809,144
Other [1]	3,170	1,669	(1,120)	(517)	(620)
Grand Total	7,863,186	7,243,241	7,274,656	7,456,910	12,357,552

[1] Includes Wetlands Reserve Program, Arkansas Beaver Lake Program, animal waste, naval stores, clean lakes, interest penalty, pik storage, 90 day rule, and interest on CCC-6s.

FSA Budget/Corporate Programs Branch, (202) 720–5148.

Table 11-8.—Farm Service Agency programs: Payments received, by States, 1997 and 1998

1997

State	Payments	State	Payments	State	Payments
AL	65,348	MD	19,429	RI	122
AK	1,490	MA	1,175	SC	42,548
AZ	46,575	MI	121,253	SD	267,583
AR	274,578	MN	416,743	TN	76,155
CA	216,998	MS	163,278	TX	647,248
CO	173,579	MO	276,951	UT	18,827
CT	1,383	MT	230,359	VT	3,088
DE	5,700	NE	454,230	VA	30,235
FL	18,593	NV	2,133	WA	147,121
GA	108,579	NH	870	WV	5,655
HI	554	NJ	3,629	WI	175,822
ID	110,381	NM	38,707	WY	21,591
IL	552,422	NY	39,538	PR	1,583
IN	265,097	NC	86,105	VI	133
IA	709,574	MD	361,145	GU	86
KS	529,250	OH	186,360	MI	7
KY	83,041	OK	205,194	AS	0
LA	146,016	OR	63,233		
ME	4,171	PA	35,445	Total [1]	7,456,910

1998

State	Payments	State	Payments	State	Payments
AL	96,531	MD	38,212	RI	167
AK	1,404	MA	1,715	SC	62,155
AZ	78,784	MI	210,588	SD	436,916
AR	472,008	MN	794,390	TN	132,849
CA	355,616	MS	279,607	TX	1,001,068
CO	259,463	MO	427,463	UT	24,615
CT	2,433	MT	360,203	VT	4,461
DE	10,825	NE	814,505	VA	45,875
FL	24,475	NV	2,675	WA	260,396
GA	177,968	NH	1,840	WV	5,345
HI	231	NJ	5,564	WI	255,692
ID	198,914	NM	60,470	WY	28,283
IL	944,852	NY	60,745	PR	194
IN	468,885	NC	128,459	VI	48
IA	1,167,112	MD	608,498	GU	11
KS	879,500	OH	315,514	MI	0
KY	140,460	OK	304,119	AS	0
LA	252,838	OR	100,526		
ME	6,478	PA	45,607	Total [1]	12,357,552

[1] Total may not add due to rounding.

FSA, Budget, Corporate Programs Branch, (202) 720–5148.

Table 11-9.—Commodity Credit Corporation: Loans made in fiscal year 1998 for crop year 1997, 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	1,395	3,681	0	27	0	406	0
AK	16	0	0	0	0	0	0	0
AZ	0	2,512	19	0	0	0	0	0
AR	0	1,661	54,438	81	0	0	577	0
CA	369	778	1,692	0	0	0	1,824	0
CO	305	27,399	0	521	0	0	21,507	0
CT	0	415	0	0	0	0	0	0
DE	132	1,025	0	0	0	0	256	0
FL	0	116	386	0	379	0	32	0
GA	4	5,694	11,041	10	406	0	513	0
HI	0	0	0	0	0	0	0	0
ID	7,503	187	0	0	0	0	46,767	0
IL	4	254,716	0	268	0	0	5,596	0
IN	0	133,583	0	28	0	0	1,400	0
IA	5	436,245	0	5	0	0	16	0
KS	0	32,482	0	8,462	0	0	78,787	0
KY	0	16,423	0	0	0	0	2,667	0
LA	0	301	37,638	0	0	0	0	0
ME	18	0	0	0	0	0	0	0
MD	49	4,311	0	0	0	0	812	0
MA	0	137	0	0	0	0	0	0
MI	51	52,227	0	0	0	0	1,716	0
MN	6,775	397,281	0	0	0	0	61,955	0
MS	0	1,536	38,504	0	0	0	237	0
MO	0	37,149	28,072	2,026	0	0	4,228	0
MT	8,253	26	0	0	0	0	117,613	0
NE	45	315,605	0	5,618	0	0	12,085	0
NV	0	0	0	0	0	0	0	0
NH	0	0	0	0	0	0	0	0
NJ	0	2,042	0	0	0	0	145	0
NM	0	1,586	1,800	1,124	44	0	2,805	0
NY	44	20,813	0	0	0	0	3,784	0
NC	97	8,186	3,678	0	235	0	2,123	0
ND	21,142	23,237	0	0	0	0	139,613	0
OH	0	64,630	0	0	0	0	1,833	0
OK	0	1,370	4,459	1,041	0	0	26,600	0
OR	470	26	0	0	0	0	11,193	0
PA	31	9,590	0	6	0	0	535	0
RI	0	0	0	0	0	0	0	0
SC	8	3,602	492	17	0	0	2,115	0
SD	485	86,766	0	632	0	0	38,878	0
TN	0	7,963	83,436	3	0	0	685	0
TX	8	28,962	43,610	10,482	0	0	17,259	0
UT	450	204	0	0	0	0	3,379	0
VT	0	109	0	0	0	0	0	0
VA	160	5,302	272	23	2,524	0	2,927	0
WA	2,615	1,045	0	0	0	0	62,162	0
WV	31	974	0	0	0	0	105	0
WI	39	71,871	0	0	0	0	1,062	0
WY	0	827	0	0	0	0	1,669	0
Total	49,109	2,062,309	313,218	30,347	3,615	0	677,866	0

See footnotes at end of table.

Table 11-9.—Commodity Credit Corporation: Loans made in fiscal year 1998 for crop year 1997, by States and Territories [1]—Continued

State or Territory	Soybeans	Rice	Sugar	Seed Cotton	Oats	Rye	Seeds [2]	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	917	0	0	0	11	0	0	6,437
AK	0	0	0	0	15	0	0	31
AZ	0	0	0	0	0	0	0	2,531
AR	5,856	182,132	0	0	0	0	0	244,745
CA	0	126,405	0	0	0	0	0	131,068
CO	0	0	0	0	32	0	208	49,972
CT	0	0	0	0	0	0	0	415
DE	1,119	0	0	0	0	0	0	2,532
FL	51	0	20,000	0	0	0	0	20,964
GA	947	0	0	0	5	0	0	18,620
HI	0	0	0	0	0	0	0	0
ID	0	0	0	0	24	0	0	54,481
IL	203,347	0	0	0	6	0	31	463,968
IN	109,542	0	0	0	0	0	0	244,553
IA	336,428	0	0	0	24	0	0	772,723
KS	20,046	0	0	0	20	0	213	140,010
KY	12,020	0	0	0	0	0	0	31,110
LA	822	24,483	46,171	0	0	0	0	109,415
ME	0	0	0	0	61	0	0	79
MD	3,647	0	0	0	0	0	0	8,819
MA	0	0	0	0	0	0	0	137
MI	26,767	0	83,245	0	44	0	0	164,050
MN	276,256	0	0	0	411	0	2,668	745,346
MS	8,655	44,646	0	0	0	0	0	93,578
MO	64,136	5,734	0	0	1	0	0	141,346
MT	0	0	0	0	162	0	166	126,220
NE	70,296	0	0	0	19	0	188	403,856
NV	0	0	0	0	0	0	0	0
NH	0	0	0	0	0	0	0	0
NJ	1,258	0	0	0	13	0	0	3,458
NM	0	0	0	0	0	0	0	7,359
NY	5,685	0	0	0	154	0	0	30,480
NC	8,744	0	0	0	5	0	0	23,068
ND	18,147	0	0	0	554	0	16,002	218,695
OH	76,348	0	0	0	14	0	0	142,825
OK	995	0	0	0	51	0	0	34,516
OR	0	0	0	0	4	0	0	11,693
PA	3,489	0	0	0	108	0	0	13,759
RI	0	0	0	0	0	0	0	0
SC	2,156	0	0	14	27	0	0	8,431
SD	84,682	0	0	0	659	0	12,374	224,476
TN	8,130	0	0	0	0	0	0	100,217
TX	792	44,202	5,851	788	3	0	0	151,957
UT	0	0	189,506	0	1	0	13	193,553
VT	30	0	0	0	0	0	0	139
VA	4,042	0	0	443	0	0	0	15,693
WA	0	0	0	0	39	0	0	65,861
WV	436	0	0	0	1	0	0	1,547
WI	23,028	0	0	0	65	0	25	96,090
WY	0	0	0	0	0	0	0	2,496
Total	1,378,814	427,602	344,773	1,245	2,533	0	31,888	5,323,319

[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. [2] Includes flaxseed and other oilseeds.

FSA, Financial Management Division, (703) 605–0747.

Table 11-10.—Fruit, vegetable, and tree nut marketing agreement and order programs, 1998–99

Program	Estimated number of commercial producers	Farm value
	Number	*1,000 dollars*
Citrus fruits (1998-99 season):		
Florida oranges, grapefruit, tangerines, and tangelos	11,000	340,486
Florida limes	125	8,036
Texas oranges and grapefruit	315	42,571
Deciduous fruits (1998 season):		
California fresh pears and peaches [1]	1,800	107,576
California nectarines	1,800	108,502
California olives	1,200	41,331
California desert grapes	80	141,391
California kiwifruit	450	24,544
Florida avocados	157	16,468
Washington apricots	400	3,248
Washington sweet cherries	1,100	113,600
Washington, Oregon, and California winter pears	1,800	131,840
Tart cherries (7 States) [2]	900	42,938
Washington and Oregon Bartlett pears	1,800	34,787
Washington and Oregon fresh prunes [3]	350	4,250
Cranberries (10 States) [4]	1,285	226,818
Hawaiian papayas	400	12,460
Dried fruits (1998 season):		
California dates	100	25,086
California dried prunes	1,250	86,108
California raisins	4,500	336,000
Vegetables (1998-99 season):		
Florida tomatoes	100	419,858
Idaho and Eastern Oregon onions	260	122,540
South Texas melons	21	83,640
South Texas onions	80	63,082
Georgia onions (Vidalia)	136	56,176
Walla Walla onions	60	5,954
Potatoes (1998-99 season):		
Colorado	315	136,732
Idaho and Eastern Oregon	1,800	240,804
Oregon and Northern California	450	39,919
Southeastern States (Virginia-North Carolina)	75	5,517
Washington	385	69,678
Nuts (1998 season):		
California almonds	6,000	698,600
California walnuts	5,000	229,270
Oregon and Washington filberts	800	14,942
Peanuts [5]	23,000	1,008,488
Spearmint oil (1998 season) [6]	234	27,426
(Total 36 programs) [7]	.....	5,070,666

[1] Value of non-Bartlett pears is not available. [2] The tart cherry order covers the States of Michigan, New York, Pennsylvania, Oregon, Utah, Washington, and Wisconsin. [3] Farm value is available only for fresh and processed combined. [4] Massachusetts, Rhode Island, Connecticut, New Jersey, Wisconsin, Michigan, Minnesota, Oregon, Washington, and Long Island in New York. Only the top five are reported. [5] There is only a marketing agreement (No. 146) for peanuts. It covers the States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia. The marketing agreement covers about 95 percent of all peanuts; figures here are for all U.S. peanuts. Non-signers to the Agreement must meet the same quality and inspection requirements that apply under the Agreement 146. [6] The marketing order regulates the handling of spearmint oil produced in the States of Washington, Idaho, Montana, Nevada, Utah, Oregon, and California. The farm value is the sum of values for Idaho, Oregon, and Washington, the only significant producing States in the marketing order area. [7] Total number of producers cannot be determined from totals for individual commodities; some producers produce more than one commodity.

AMS, Fruit and Vegetable Programs, (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 legume	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
CP24	Cross wind trap strips	165
CP25	Rare and declining habitat	45,712

* Available beginning with continuous signup 14. ** Available beginning with signup 15.

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 by Practice, March 1986–December 1999

(CP 1 and CP 2)

State	CP 1 Establishment of permanent introduced grasses and legumes			CP 2 Establishment of permanent native grasses		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
Alabama	21,367	1,185,002	55.45	2,442	126,556	51.82
Alaska	6,668	490,893	73.62	...	...	...
Arizona	...	...	...	33	0	0.00
Arkansas	8,541	369,019	43.21	929	78,639	84.68
California	4,144	73,907	17.84	279	7,610	27.28
Colorado	58,395	2,217,653	37.98	462,882	24,654,882	53.26
Connecticut	70	7,091	100.87	34	3,630	105.83
Delaware	39	3,317	85.05	...	...	...
Florida	1,243	57,590	46.32	5	335	67.00
Georgia	3,328	204,567	61.47	341	28,798	84.40
Hawaii	...	...	...	...	...	...
Idaho	158,912	5,289,831	33.29	6,373	246,415	38.67
Illinois	248,667	10,085,080	40.56	18,435	968,271	52.52
Indiana	98,625	5,726,336	58.06	17,644	1,067,858	60.52
Iowa	419,365	14,812,593	35.32	80,250	4,272,968	53.25
Kansas	29,792	868,433	29.15	690,351	16,960,507	24.57
Kentucky	80,053	4,991,955	62.36	17,380	1,613,890	92.86
Louisiana	2,054	86,677	42.21	1,642	68,485	41.72
Maine	2,053	270,024	131.50	112	13,681	121.72
Maryland	7,857	1,004,644	127.86	1,895	374,345	197.53
Massachusetts	...	...	...	...	...	...
Michigan	105,313	3,339,735	31.71	7,942	361,878	45.57
Minnesota	288,826	11,525,821	39.91	127,060	8,393,480	66.06
Mississippi	21,612	807,946	37.38	274	19,907	72.65
Missouri	427,870	16,596,382	38.79	156,565	8,775,401	56.05
Montana	764,904	14,926,585	19.51	709,432	22,930,694	32.32
Nebraska	76,654	1,529,258	19.95	292,499	9,308,756	31.82
Nevada	...	...	...	...	...	...
New Hampshire	10	1,200	120.00	...	...	...
New Jersey	993	159,079	160.20	455	86,601	190.54
New Mexico	1,024	28,604	27.95	187,568	7,747,064	41.30
New York	7,380	628,254	85.14	933	83,870	89.85
North Carolina	6,791	470,151	69.23	1,108	81,592	73.63
North Dakota	427,899	7,888,629	18.44	22,283	793,694	35.62
Ohio	121,914	6,117,377	50.18	16,807	986,467	58.70
Oklahoma	39,247	1,408,971	35.90	359,976	16,467,374	45.75
Oregon	97,763	2,463,590	25.20	17,664	505,864	28.64
Pennsylvania	10,536	779,627	74.00	1,037	76,847	74.13
Puerto Rico	118	19,450	164.83	...	...	...
Rhode Island	...	...	...	...	...	...
South Carolina	1,397	97,761	69.97	40	4,656	116.11
South Dakota	190,534	5,372,138	28.20	185,714	7,727,941	41.61
Tennessee	55,711	3,146,917	56.49	9,997	710,492	71.07
Texas	208,115	7,841,609	37.68	1,575,182	72,186,301	45.83
Utah	53,472	1,683,403	31.48	12,858	533,489	41.49
Vermont	6	750	125.00	...	...	...
Virginia	7,289	390,813	53.62	2,352	164,018	69.74
Washington	179,979	8,151,733	45.29	317,919	27,122,882	85.31
West Virginia	10	500	49.02	22	1,053	47.01
Wisconsin	77,253	3,559,764	46.08	48,461	3,372,489	69.59
Wyoming	59,605	1,905,907	31.98	6,944	227,312	32.73
United States, total	4,383,397	148,586,566	33.90	5,362,119	239,156,992	34.42

Note: Total acres treated 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–December 1999

(CP 3 and CP 4)

State	CP 3 Tree planting			CP 4 Permanent wildlife habitat		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
Alabama	137,916	9,321,362	67.59	7,979	42,377	5.31
Alaska	.....	.....	.....	.....	.....	.....
Arizona	.....	.....	.....	.....	.....	.....
Arkansas	37,205	2,300,626	61.84	3,196	121,445	38.00
California	67	2,350	35.07	956	101,900	106.63
Colorado	13	4,294	330.31	205,408	13,269,320	64.60
Connecticut	.....	.....	.....	.....	.....	.....
Delaware	83	34,342	415.76	1,292	169,499	131.23
Florida	28,536	1,027,154	36.00	3,340	95,016	28.45
Georgia	145,862	9,592,452	65.76	7,005	236,753	33.80
Hawaii	.....	.....	.....	.....	.....	.....
Idaho	2,527	287,157	113.64	115,114	3,007,912	26.13
Illinois	42,354	2,918,948	68.92	80,305	2,505,646	31.20
Indiana	19,181	2,822,402	147.14	8,740	705,068	80.68
Iowa	19,363	3,744,887	193.41	283,293	11,010,929	38.87
Kansas	745	79,766	107.05	16,530	664,693	40.21
Kentucky	5,135	515,251	100.35	499	37,941	75.97
Louisiana	95,875	7,111,633	74.18	2,818	186,127	66.05
Maine	265	31,092	117.46	808	32,762	40.54
Maryland	1,032	139,695	135.42	1,459	224,658	154.00
Massachusetts	.....	.....	.....	.....	.....	.....
Michigan	13,275	1,273,808	95.96	21,184	874,916	41.30
Minnesota	47,016	5,172,117	110.01	330,974	21,774,588	65.79
Mississippi	282,245	12,655,491	44.84	9,272	279,518	30.15
Missouri	26,067	2,831,101	108.61	4,536	244,240	53.85
Montana	225	51,172	227.84	29,068	996,544	34.28
Nebraska	3,040	235,504	77.48	48,673	1,665,667	34.22
Nevada	.....	.....	.....	151	4,100	27.10
New Hampshire	.....	.....	.....	.....	.....	.....
New Jersey	214	19,906	93.24	23	5,199	229.03
New Mexico	80	2,120	26.50	.....	.....	.....
New York	1,976	259,849	131.54	361	28,531	79.10
North Carolina	14,354	543,997	37.90	2,774	251,413	90.62
North Dakota	718	159,523	222.33	546,053	12,941,951	23.70
Ohio	8,280	926,155	111.86	16,454	445,899	27.10
Oklahoma	835	50,738	60.74	3,166	185,971	58.75
Oregon	2,029	160,129	78.94	9,311	513,406	55.14
Pennsylvania	756	91,636	121.20	348	37,313	107.16
Puerto Rico	83	13,288	160.10	.....	.....	.....
Rhode Island	.....	.....	.....	.....	.....	.....
South Carolina	48,568	2,094,064	43.12	11,741	334,019	28.45
South Dakota	1,002	244,652	244.14	94,045	4,714,930	50.13
Tennessee	12,122	713,855	58.89	5,157	274,642	53.26
Texas	5,341	249,490	46.71	31,899	1,471,750	46.14
Utah	.....	.....	.....	.....	.....	.....
Vermont	.....	.....	.....	.....	.....	.....
Virginia	4,099	182,326	44.48	967	62,950	65.10
Washington	1,401	283,458	202.37	179,281	17,661,919	98.52
West Virginia	135	6,980	51.90	.....	.....	.....
Wisconsin	66,243	8,983,665	135.62	8,065	624,294	77.41
Wyoming	12	14,755	1,250.42	28,926	528,141	18.26
United States, total	1,076,266	77,153,190	71.69	2,121,169	98,333,947	46.36

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–December 1999

(CP 5, CP 6 and CP 7)

State	CP 5 Establishment of field windbreaks			CP 6 Diversions I			CP 7 Erosion control structures		
	Total acres reated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treat-ed	Total acres treated	Total cost share	Cost share per acre treated
AL	...	...	...	4	4,407	1,224.17	5	6,467	1,293.40
AK	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...
AR	...	...	...	...	...	...	3	2,374	791.33
CA	...	...	...	...	...	...	...	...	...
CO	321	141,810	441.50	...	...	...	226	2,731	12.09
CT	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...
GA	...	...	...	...	...	...	8	...	...
HI	1	800	800.00	...	...	...	...	...	...
ID	32	34,641	1,099.71	...	...	...	4	7,000	1,666.67
IL	828	198,042	239.18	17	17,082	1,016.79	59	69,414	1,176.51
IN	498	85,025	170.70	0	764	1,910.00	12	26,566	2,142.42
IA	1,430	262,784	183.83	11	5,720	544.76	14	17,559	1,272.39
KS	344	115,356	335.63	38	13,033	341.18	135	14,398	106.34
KY	...	...	...	1	3,600	6,000.00	4	17,867	4,060.68
LA	...	...	...	5	476	95.20	2	200	100.00
ME	...	...	...	...	...	...	...	...	...
MD	0	1,375	3,437.50	7	276	39.43	8	12,338	1,561.77
MA	...	...	...	...	...	...	...	...	...
MI	86	33,618	392.73	5	4,450	988.89	11	25,350	2,263.39
MN	1,737	307,011	176.71	...	...	...	1	2,500	5,000.00
MS	...	...	...	3	3,500	1,166.67	1	2,175	1,977.27
MO	53	3,675	69.21	570	67,091	117.66	201	65,845	326.94
MT	175	71,913	410.93	...	...	...	...	...	...
NE	1,410	318,569	225.89	...	...	...	11	1,147	106.20
NV	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	0	700	2,333.33
NJ	0	330	1,100.00	5	750	166.67	...	...	...
NM	...	...	...	...	...	...	...	...	...
NY	7	5,441	766.34	...	...	...	...	...	...
NC	2	217	120.56	...	...	...	...	...	...
ND	1,508	414,851	275.06	10	437	43.70	...	...	...
OH	261	62,376	238.71	...	...	...	2	5,750	3,833.33
OK	5	1,055	199.06	39	10,950	279.34	...	...	...
OR	...	...	...	...	...	...	...	...	...
PA	4	430	100.00	8	6,428	845.79	1	919	919.00
PR	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...
SC	7	142	19.19	...	...	...	...	...	...
SD	3,055	1,086,042	355.52	...	...	...	...	...	...
TN	...	...	...	5	1,955	375.96	18	35,845	2,002.51
TX	...	...	...	32	1,855	57.79	4	110	27.50
UT	...	...	...	...	...	...	...	...	...
VT	5	1,010	202.00	...	...	...	...	...	...
VA	3	117	39.00	...	...	...	...	...	...
WA	12	6,703	568.05	...	...	...	4	2,595	632.93
WV	...	...	...	...	...	...	...	...	...
WI	97	10,522	108.47	1	1,390	1,985.71	2	11,505	6,767.65
WY	15	12,124	819.19	146	...	...	...	...	...
US	11,897	3,175,979	266.96	905	144,164	17,199.70	736	331,355	40,373.66

[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 12-4.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–December 1999

(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		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL	51	10,480	205.89	25	11,062	451.51	117,590	...	...
AK	...	...	...	...	...	...	23,370	...	...
AZ	...	...	...	...	...	...	...	...	...
AR	...	...	...	371	6,061	16.33	29,033	...	...
CA	...	...	...	1,230	38,231	31.09	119,114	...	...
CO	533	80,431	150.82	28	3,296	118.14	1,356,736	...	...
CT	...	...	...	...	...	...	131	...	...
DE	2	2,390	1,593.33	177	481,985	2,729.25	57	...	...
FL	...	...	...	...	...	...	2,135	...	...
GA	74	39,774	535.32	26	23,614	926.04	7,876	...	...
HI	...	...	...	...	...	...	...	...	...
ID	15	9,197	601.11	60	36,181	607.06	501,128	...	...
IL	9,188	8,390,640	913.27	1,455	457,605	314.44	204,693	...	...
IN	3,183	5,337,419	1,676.75	592	291,448	492.48	84,344	...	...
IA	7,725	3,638,716	471.03	7,349	1,221,022	166.15	564,555	...	...
KS	1,790	432,930	241.85	175	21,132	121.03	1,693,873	...	...
KY	645	405,718	629.51	583	203,150	348.70	146,439	...	...
LA	...	...	...	81	2	0.02	19,319	...	...
ME	0	338	3,380.00	...	...	...	20,450	...	...
MD	97	236,260	2,430.66	494	532,778	1,078.06	4,642	...	...
MA	1	5	5.00	0	...	...	23	...	...
MI	204	132,560	648.85	253	124,479	492.01	111,021	...	...
MN	399	249,449	625.03	615	67,093	109.11	297,391	...	...
MS	56	1,711	30.34	316	3,368	10.67	132,165	...	...
MO	315	115,650	367.73	811	93,926	115.84	762,474	...	...
MT	61	656	10.79	...	...	...	1,474,398	...	...
NE	403	97,656	242.08	97	21,501	222.35	565,100	...	...
NV	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...
NJ	6	16,791	2,895.00	...	...	...	445	...	...
NM	...	...	...	...	...	...	404,017	...	...
NY	11	18,682	1,668.04	71	15,661	219.96	40,892	...	...
NC	23	10,671	470.09	1,208	421,679	349.19	17,812	...	...
ND	48	14,789	309.39	35	730	20.80	1,339,810	...	...
OH	1,556	2,821,902	1,814.03	498	257,893	518.27	91,018	...	...
OK	74	14,512	195.05	50	...	...	581,076	...	...
OR	66	38,894	592.90	17	8,267	495.03	286,298	...	...
PA	54	91,859	1,707.42	19	30,199	1,623.60	52,928	...	...
PR	...	...	...	...	...	...	351	...	...
RI	...	...	...	...	...	...	...	...	...
SC	24	27,839	1,140.94	364	390,081	1,071.36	12,250	...	...
SD	347	87,347	252.00	148	30,056	203.00	477,577	...	...
TN	5	966	185.77	9	1,651	179.46	130,117	...	...
TX	394	43,538	110.53	18	4,597	259.72	2,072,544	...	...
UT	6	252	40.00	...	...	...	123,326	...	...
VT	1	1,595	1,595.00	...	...	...	116	...	...
VA	10	6,897	690.00	67	21,000	314.84	14,155	...	...
WA	152	49,022	322.09	33	23,481	711.55	347,689	...	...
WV	...	...	...	2	1,000	500.00	771	...	...
WI	190	241,507	1,269.09	2,433	344,536	141.62	342,330	...	...
WY	9	940	110.59	...	...	...	182,678	...	...
US	27,718	22,669,983	817.89	19,705	5,188,765	14,958.67	14,756,253	...	...

[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–December 1999

(CP 11, CP 12 and CP 13)

State	CP 11 Vegetative-cover-trees-already established			CP 12 Wildlife food plots			CP 13 Filter strips		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL	168,829	...	...	1,366	...	...	120	9,628	80.03
AK	...	...	...	20	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...
AR	50,631	...	...	249	...	...	61	7,416	122.17
CA	23	...	...	239	...	...	...	...	...
CO	281	...	...	650	...	...	6	12,729	2,121.50
CT	...	...	...	...	...	...	...	...	...
DE	56	...	...	27	...	...	...	...	...
FL	53,468	...	...	85	...	...	...	293	...
GA	121,972	...	...	1,271	...	...	996	46,859	47.03
HI	...	...	...	...	...	...	...	...	...
ID	1,967	...	...	842	...	...	6	2,427	411.36
IL	11,204	...	...	1,938	...	...	894	316,381	353.97
IN	5,744	...	...	427	...	...	517	149,180	288.72
IA	5,361	...	...	3,060	...	...	620	203,630	328.65
KS	1,263	...	...	3,426	...	...	182	59,101	324.02
KY	1,439	...	...	564	...	...	72	32,672	456.31
LA	37,945	...	...	720	...	...	36	1,675	46.79
ME	761	...	...	1	...	...	...	...	...
MD	399	...	...	232	...	...	79	228,120	2,883.94
MA	...	...	...	...	...	...	...	...	...
MI	5,335	...	...	1,723	...	...	27	41,940	1,541.91
MN	17,667	...	...	3,391	...	...	1,163	316,863	272.45
MS	315,443	...	...	4,184	...	...	467	26,483	56.66
MO	3,870	...	...	1,500	...	...	253	42,632	168.37
MT	1,081	...	...	1,747	...	...	15	1,283	86.11
NE	2,800	...	...	1,593	...	...	89	8,654	97.13
NV	...	...	...	...	...	...	...	175	...
NH	...	...	...	...	...	...	...	...	...
NJ	5	...	...	2	...	...	...	2,385	...
NM	80	...	...	38	...	...	...	...	...
NY	1,216	...	...	81	...	...	82	3,731	45.78
NC	38,755	...	...	44	...	...	37	6,295	168.77
ND	1,231	...	...	2,649	...	...	35	8,056	230.17
OH	4,625	...	...	484	...	...	159	59,368	372.68
OK	360	...	...	1,148	...	...	12	7,235	588.21
OR	1,339	...	...	108	...	...	...	...	...
PA	574	...	...	49	...	...	...	270	...
PR	121	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...
SC	104,616	...	...	1,059	...	...	1,716	89,469	52.13
SD	880	...	...	6,552	...	...	112	37,305	334.27
TN	16,131	...	...	119	...	...	209	25,524	121.95
TX	6,191	...	...	4,436	...	...	...	4,593	...
UT	...	...	...	22	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...
VA	13,890	...	...	150	...	...	41	7,500	185.19
WA	806	...	...	193	...	...	18	26,439	1,510.80
WV	9	...	...	0	...	...	...	...	...
WI	22,000	...	...	2,591	...	...	235	34,257	145.59
WY	77	...	...	157	...	...	...	...	...
US	1,020,443	0	0.00	49,135	0	0.00	8,259	1,820,568	13,442.67

[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–December 1999

(CP 14, CP 15 and CP 16)

State	CP 14 Wetland trees			CP 15 Contour grass strips			CP 16 Shelter belts		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL	...	...	...	155	101	0.65	...	...	...
AK	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...
AR	...	...	...	...	...	...	...	...	...
CA	...	...	...	...	...	...	...	...	...
CO	...	...	...	579	8,586	14.84	164	128,857	786.67
CT	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...
GA	4	178	44.50	29	1,702	59.51	...	...	...
HI	...	...	...	...	...	...	...	...	...
ID	...	...	...	13	504	40.00	41	47,470	1,169.21
IL	...	...	...	858	31,748	37.00	49	7,152	146.86
IN	...	...	...	80	4,099	51.56	12	2,389	200.76
IA	...	...	...	19,904	482,163	24.23	591	220,830	373.65
KS	...	...	...	2,700	57,071	21.14	68	22,514	333.54
KY	...	...	...	...	...	...	...	...	...
LA	179	8,770	48.99	...	...	...	...	...	...
ME	...	...	...	...	...	...	...	...	...
MD	...	...	...	2	3,500	1,521.74	...	...	...
MA	...	...	...	...	...	...	...	...	...
MI	...	...	...	12	711	60.25	20	1,340	67.68
MN	...	...	...	236	12,616	53.39	1,047	257,468	245.84
MS	...	...	...	37	...	...	...	...	...
MO	...	...	...	1,212	21,548	17.78	13	220	17.05
MT	...	...	...	...	...	...	20	6,597	324.98
NE	...	...	...	152	3,258	21.50	531	87,790	165.42
NV	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...
NJ	...	...	...	...	...	...	...	...	...
NM	...	...	...	...	...	...	...	...	...
NY	...	...	...	...	...	...	...	...	...
NC	...	...	...	...	...	...	16	914	55.73
ND	...	...	...	...	...	...	983	315,182	320.80
OH	1	180	180.00	4	157	41.32	5	1,001	188.87
OK	...	...	...	...	...	...	...	...	...
OR	...	...	...	17	...	...	2	710	308.70
PA	...	...	...	58	5,443	94.33	...	...	...
PR	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...
SC	...	...	...	0	37	123.33	...	...	...
SD	...	...	...	86	3,444	39.91	2,989	1,070,394	358.14
TN	...	...	...	3	...	...	...	...	...
TX	...	...	...	154	7,871	51.28	24	9,212	388.69
UT	...	...	...	...	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...
VA	...	...	...	...	...	...	...	...	...
WA	...	...	...	7,768	601,361	77.41	5	3,656	677.04
WV	...	...	...	...	...	...	...	...	...
WI	...	...	...	289	11,141	38.58	...	...	...
WY	...	...	...	1	166	207.50	...	...	...
US	184	9,128	49.61	34,345	1,257,227	2,597.25	6,579	2,183,696	6,129.62

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–December 1999

(CP 17, CP 18 and CP 19)

State	CP 17 Living snow fences			CP 18 Salt tolerant grasses			CP 19 Alley cropping		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL									
AK									
AZ									
AR									
CA									
CO	33	34,462	1,047.48						
CT									
DE									
FL									
GA									
HI									
ID									
IL	4	441	107.56				20	660	33.00
IN	2	135	75.00						
IA	31	4,687	149.74						
KS	8	2,679	322.77	823	8,875	10.79			
KY									
LA									
ME									
MD									
MA									
MI									
MN	328	46,620	142.18	92	4,503	48.84			
MS									
MO							54	6,947	129.85
MT				143,401	1,431,487	9.98			
NE	49	4,381	89.77						
NV									
NH									
NJ									
NM									
NY									
NC									
ND	51	15,845	310.69	3,542	121,992	34.44			
OH	1	260	325.00						
OK	4			1,759	48,621	27.64			
OR									
PA									
PR									
RI									
SC									
SD	94	22,881	243.16	1,929	64,306	33.33			
TN									
TX				672	36,717	54.65			
UT									
VT									
VA	3	243	97.20						
WA				272	11,705	43.05			
WV									
WI	2	685	360.53				52	4,557	87.47
WY									
US	609	133,319	218.88	152,490	1,728,206	262.73	126	12,164	250.32

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–December 1999

(CP 20, CP 21 and CP 22)

State	CP 20 Alternative perennials			CP 21 Filter strips			CP 22 Riparian buffer		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL	.....	.....	.....	317	12,716	40.18	1,288	104,688	81.26
AK	.....	.....	.....	.....	.....	.....	.....	.....	.....
AZ	.....	.....	.....	.....	.....	.....	.....	.....	.....
AR	.....	.....	.....	1,100	40,813	37.10	1,900	105,464	55.50
CA	.....	.....	.....	.....	.....	.....	40	13,675	341.88
CO	.....	.....	.....	328	11,723	35.73	59	61,299	1,038.97
CT	.....	.....	.....	10	1,251	128.97	38	3,412	90.50
DE	.....	.....	.....	465	62,774	135.03	15	6,429	422.96
FL	.....	.....	.....	.....	.....	.....	68	1,505	22.30
GA	.....	.....	.....	428	7,763	18.14	354	99,121	279.77
HI	.....	.....	.....	.....	.....	.....	1	1,516	1,516.00
ID	.....	.....	.....	198	32,022	161.89	1,107	132,428	119.58
IL	.....	.....	.....	73,703	3,504,482	47.55	37,615	3,817,574	101.49
IN	.....	.....	.....	18,196	1,358,656	74.67	1,140	186,356	163.51
IA	.....	.....	.....	116,140	5,300,864	45.64	24,985	4,143,439	165.84
KS	5	.....	.....	9,890	412,328	41.69	3,185	84,291	26.47
KY	.....	.....	.....	11,429	674,452	59.01	977	101,788	104.19
LA	.....	.....	.....	230	4,008	17.42	237	19,102	80.77
ME	.....	.....	.....	35	700	20.06	72	65,686	916.12
MD	.....	.....	.....	8,821	1,470,723	166.73	2,811	636,835	226.53
MA	.....	.....	.....	15	1,072	73.42	5	750	150.00
MI	.....	.....	.....	6,775	314,894	46.48	281	20,552	73.06
MN	.....	.....	.....	78,272	4,157,076	53.11	10,672	1,278,237	119.78
MS	.....	.....	.....	2,303	63,889	27.74	9,829	443,751	45.15
MO	.....	.....	.....	20,200	888,370	43.98	2,757	263,593	95.60
MT	.....	.....	.....	42	303	7.15	548	34,868	63.59
NE	.....	.....	.....	7,084	345,931	48.84	1,028	98,301	95.62
NV	.....	.....	.....	.....	.....	.....	.....	.....	.....
NH	.....	.....	.....	162	2,554	15.76	5	2,433	528.91
NJ	.....	.....	.....	53	12,635	237.05	11	3,151	283.87
NM	.....	.....	.....	.....	.....	.....	.....	.....	.....
NY	.....	.....	.....	262	13,754	52.58	720	106,961	148.47
NC	.....	.....	.....	1,862	351,233	188.66	2,254	155,917	69.19
ND	.....	.....	.....	5,193	130,489	25.13	419	46,278	110.40
OH	.....	.....	.....	15,611	737,213	47.22	602	110,983	184.51
OK	.....	.....	.....	323	11,138	34.52	384	14,013	36.49
OR	.....	.....	.....	1,302	53,881	41.38	1,396	360,989	258.68
PA	.....	.....	.....	58	6,717	116.82	71	33,929	477.87
PR	.....	.....	.....	.....	.....	.....	.....	.....	.....
RI	.....	.....	.....	.....	.....	.....	.....	.....	.....
SC	.....	.....	.....	3,505	43,536	12.42	17,907	470,581	26.28
SD	.....	.....	.....	5,241	170,971	32.62	263	67,637	256.88
TN	.....	.....	.....	2,597	57,443	22.12	391	23,082	58.99
TX	.....	.....	.....	636	59,941	94.32	201	24,963	124.07
UT	.....	.....	.....	9	812	93.33	17	2,922	171.88
VT	.....	.....	.....	6	665	112.71	145	15,242	105.19
VA	.....	.....	.....	243	18,078	74.55	822	398,990	485.33
WA	.....	.....	.....	39,707	1,963,931	49.46	1,001	449,726	449.50
WV	.....	.....	.....	7	600	88.24	39	10,463	266.23
WI	.....	.....	.....	8,329	295,195	35.44	3,916	581,900	148.60
WY	.....	.....	.....	.....	.....	.....	363	41,740	114.86
US	5	0	0.00	441,083	22,597,596	51.23	131,938	14,646,560	111.01

Note: Total acres treated may not add due to rounding.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-9.—Conservation Reserve Program (CRP): Enrollment by Practice, March 1986–December 1999
(CP 23, CP 24 and CP 25)

State	CP 23 Wetland restoration			CP 24 Cross wind trap strips			CP 25 Rare and declining habitat		
	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated	Total acres treated	Total cost share	Cost share per acre treated
AL	68	3,569	52.80	...	...	...	200	...	...
AK	...	...	...	...	...	...	...	...	...
AZ	...	...	...	...	...	...	...	...	...
AR	11,298	354,891	31.41	...	...	...	...	...	...
CA	4,901	111,762	22.80	...	...	...	...	...	...
CO	609	85,234	139.93	...	...	...	40	4,750	118.75
CT	...	...	...	...	...	...	...	...	...
DE	...	...	...	...	...	...	...	...	...
FL	...	...	...	...	...	...	...	...	...
GA	320	10,420	32.60	...	...	...	...	...	...
HI	...	...	...	...	...	...	...	...	...
ID	830	32,085	38.65	...	...	...	...	...	...
IL	24,048	2,006,244	83.43	1	36	36.00	...	...	...
IN	5,147	353,883	68.76	...	...	...	5	...	...
IA	9,882	386,806	39.14	20	...	...	6,005	876,233	145.91
KS	3,956	83,457	21.10	46	2,354	51.29	63,486	2,310,225	36.39
KY	30	749	25.22	...	...	...	...	...	...
LA	22,262	422,868	19.00	...	...	...	...	...	...
ME	...	...	...	...	...	...	...	...	...
MD	327	151,002	462.06	...	...	...	...	...	...
MA	...	...	...	...	...	...	...	...	...
MI	688	96,499	140.24	...	...	...	...	...	...
MN	226,695	11,040,595	48.70	4	418	119.43	12,211	1,061,303	86.91
MS	11,106	302,932	27.28	...	...	...	...	...	...
MO	3,169	145,269	45.84	...	...	...	13,686	1,046,788	76.49
MT	3,014	214,357	71.11	27	318	12.00	111,799	4,400,357	39.36
NE	13,752	249,172	18.12	41	...	...	35,120	1,975,756	56.26
NV	...	...	...	...	...	...	...	...	...
NH	...	...	...	...	...	...	...	...	...
NJ	1	1,500	1,500.00	...	...	...	...	...	...
NM	...	...	...	...	...	...	...	...	...
NY	49	11,405	234.19	...	...	...	...	...	...
NC	16	...	...	...	...	...	...	...	...
ND	739,438	10,280,116	13.90	...	...	...	...	...	...
OH	1,858	180,340	97.08	...	...	...	...	...	...
OK	959	17,312	18.05	...	...	...	...	...	...
OR	219	17,722	81.03	...	...	...	...	...	...
PA	6	500	80.65	...	...	...	...	...	...
PR	...	...	...	...	...	...	...	...	...
RI	...	...	...	...	...	...	...	...	...
SC	284	4,391	15.48	...	...	...	...	...	...
SD	362,264	9,969,673	27.52	4	147	40.83	...	...	...
TN	636	9,965	15.66	...	...	...	...	...	...
TX	6,129	180,728	29.49	99	1,033	10.39	...	...	...
UT	...	...	...	...	...	...	...	...	...
VT	...	...	...	...	...	...	...	...	...
VA	...	...	...	...	...	...	...	...	...
WA	2,212	215,702	97.52	14	1,220	89.71	...	...	...
WV	...	...	...	...	...	...	...	...	...
WI	9,684	536,214	55.37	...	...	...	2,245	373,778	166.47
WY	...	...	...	17	1,764	106.91	...	...	...
US	1,465,855	37,477,362	25.57	270	7,290	466.55	244,798	12,049,190	726.54

Note: Total acres treated may not add due to rounding.
FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-10.—Emergency Conservation Program: Participation and assistance, by State and Caribbean area, fiscal years 1990–99 [1]

Year	Emergency Conservation Program
	1,000 dollars
1990	12,469
1991	12,579
1992	9,532
1993	23,709
1994	35,825
1995	27,348
1996	26,867
1997	30,847
1998	20,533
1999	40,226

[1] Totals are from unrounded data.

FSA, Conservation and Environmental Protection Division, (202) 720–4053.

Table 12-11.—Forestry Incentives Program: Practices performed, by States and Caribbean area, 1998 and 1999 fiscal year and cumulative 1975–99 [1]

State	1998			1999			Cumulative 1975–99		
	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration	Planting trees	Improving a stand of forest trees	Site prep for natural regeneration
	Acres	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*	*Acres*
AL	8,339	157	0	6,503	216	0	353,968	34,627	1,449
AK	0	0	0	10	29	15	148	44	8,707
AZ	0	0	0	0	0	0	13	1,807	0
AR	6,575	726	40	4,686	76	20	242,056	111,914	449
CA	149	135	0	75	75	19	10,280	11,562	19
CO	38	10	0	10	20	0	374	131	10
CT	0	0	0	0	0	0	12	7,854	0
DE	353	0	343	352	0	679	10,726	4,161	1,133
FL	3,986	0	0	7,665	11	0	329,735	360	233
GA	7,385	0	0	9,946	0	0	375,058	27,584	1,481
HI	0	0	0	0	0	0	250	0	0
ID	140	0	0	95	27	0	2,802	3,934	32
IL	14	547	134	36	287	19	119	40,269	397
IN	0	1,181	0	80	1,328	0	4,210	87,770	960
IA	126	254	0	20	162	0	3,461	9,767	31
KS	0	35	0	0	77	0	451	5,001	0
KY	310	800	45	192	363	248	5,124	58,211	1,951
LA	7,238	447	160	4,251	1,173	2,774	232,820	47,238	6,440
ME	19	127	0	0	504	0	6,878	21,185	10
MD	527	153	0	1,165	495	0	32,804	17,839	121
MA	60	81	75	0	339	20	698	37,892	210
MI	500	42	0	326	179	0	30,450	38,139	25
MN	191	110	104	226	60	88	17,880	13,770	1,624
MS	11,437	0	0	12,976	0	0	388,625	31,732	245
MO	107	233	20	15	586	61	12,210	85,229	292
MT	5	46	0	23	91	0	296	5,112	117
NE	0	30	0	0	61	0	563	109	0
NV	0	0	0	0	223	0	526	273	0
NH	0	170	228	18	333	15	254	31,176	1,364
NJ	0	0	0	10	5	0	20	12,280	20
NM	0	0	0	0	0	0	65	7,341	0
NY	10	434	0	0	297	0	81	67,706	120
NC	8,180	447	124	4,072	720	14	373,799	26,515	1,300
ND	0	0	0	0	0	0	207	141	0
OH	232	191	40	730	592	60	14,632	89,006	2,125
OK	1,018	460	40	540	185	0	23,369	36,363	562
OR	1,172	1,589	0	1,282	2,228	0	63,053	34,706	0
PA	46	667	0	108	631	75	5,766	40,240	336
PR	0	0	0	0	0	0	1,503	10	0
RI	0	0	0	0	0	0	1,153	2,653	10
SC	8,850	1,720	45	7,700	1,965	0	332,056	24,362	549
SD	0	77	0	0	135	0	29	5,625	10
TN	659	436	0	390	773	0	35,210	16,419	425
TX	4,080	1,059	54	6,828	217	0	232,836	56,400	1,243
UT	0	0	0	0	0	0	0	12	0
VT	20	103	0	0	121	10	471	22,611	250
VA	9,189	1,495	0	10,905	936	13	418,204	62,257	562
WA	294	3,058	0	422	2,536	0	49,189	19,408	20
WV	25	389	0	63	669	0	7,081	99,752	10
WI	305	0	107	452	150	52	36,229	35,506	4,906
WY	0	913	0	0	985	0	4	19,956	0
Total	81,579	18,322	1,559	82,172	19,860	4,182	3,657,748	1,413,959	39,748

[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 12-12.—Forestry Incentives Program: Participation and assistance, by States and Caribbean area, 1998 and 1999 fiscal years

State	1998			1999		
	Number of participants	Area served	Cost share paid	Number of participants	Area served	Cost share paid
	Number	*Acres*	*Dollars*	*Number*	*Acres*	*Dollars*
AL	190	8,339	560,498	162	6,719	412,193
AK	0	0	0	3	54	10,416
AR	171	6,575	292,770	161	4,782	180,746
CA	11	149	50,772	6	169	25,013
CO	3	38	12,362	3	30	6,469
CT	12	353	29,241	23	1,031	49,412
DE	83	3,986	222,306	211	7,676	443,954
FL	892	7,385	436,151	1,324	9,946	592,007
GA	7	140	15,991	10	122	17,215
ID	24	14	25,861	14	342	18,179
IL	23	0	27,120	42	1,408	43,240
IN	18	126	37,480	5	182	15,352
IA	2	0	728	2	77	3,509
KS	30	310	1,755	21	803	30,845
KY	174	7,238	323,616	140	8,198	265,180
LA	14	19	13,487	51	504	15,967
ME	14	527	25,637	34	1,660	61,942
MD	13	60	19,136	21	359	18,421
MA	100	500	48,359	32	505	59,748
MI	102	191	32,502	78	374	25,638
MN	327	11,437	320,236	469	12,976	397,607
MS	19	107	15,714	21	662	18,594
MO	6	5	3,000	8	114	19,545
MT	2	0	2,850	5	61	5,341
NE	0	0	0	2	223	2,983
NH	20	0	15,470	21	366	19,453
NY	0	0	0	2	15	2,983
NC	42	10	31,555	21	297	20,715
OH	216	8,180	340,000	126	4,806	180,883
OK	60	232	38,432	190	1,382	119,147
OR	51	1,018	60,900	15	725	35,040
PA	73	1,172	203,836	107	3,510	263,384
PR	29	46	25,346	46	814	38,464
SC	375	8,850	540,000	370	9,665	562,700
SD	5	0	5,694	8	135	12,448
TN	17	659	56,554	16	1,163	49,229
TX	332	4,080	166,234	661	7,045	348,014
VT	9	20	9,033	10	131	5,774
VA	204	9,189	218,969	290	11,854	325,072
WA	100	294	198,598	171	2,958	185,479
WV	27	25	16,797	33	732	18,032
WI	59	305	61,766	163	654	74,849
WY	21	0	45,191	30	985	43,458
Total	3,877	81,579	4,551,947	5,128	106,214	5,044,640

NRCS,Conservation Operations Division (202)720–1845.

Table 12-13.—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	466	NE	60,929
AL	8,248	NH	736
AR	13,840	NJ	83,430
AZ	2,995	NM	3,358
CA	82,565	NV	8,793
CO	7,960	NY	34,630
CT	4,655	OH	27,291
DE	14,095	OK	16,888
FL	9,809	OR	4,466
GA	5,910	PA	70,530
HI	2,458	Pacific Basin [1]	353
IA	17,254	Caribbean [2]	7,561
ID	10,307	RI	2,951
IL	15,148	SC	3,845
IN	12,542	SD	2,449
KS	6,687	TN	6,819
KY	20,908	TX	17,195
LA	3,916	UT	85,704
MA	9,338	VA	11,409
MD	43,313	VT	7,971
ME	2,888	WA	31,418
MI	15,029	WI	40,023
MN	48,119	WV	10,867
MO	35,374	WY	3,782
MS	5,680		
MT	2,231		
NC	24,464		
ND	5,759	Total	975,359

[1] Pacific Basin includes Guam and Northern Marianas.
[2] Caribbean includes Puerto Rico and Virgin Islands.

NRCS, Conservation Operations Division, (202) 720-1845.

Table 12-14.—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, Resource Conservation and Community Development Division, (202) 720–4072.

Table 12-15.—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, Resource Conservation and Community Development Division, (202) 720–4072.

Table 12-16.—Soil surveys: Total area mapped for resource planning and other uses under all programs, by States and Territories, year ending Sept. 30, 1998, and cumulative through Sept. 30, 1998

State or Territory	Progressive Soil Survey Program [1]		
	Work during year ending Sept. 30, 1998		Total to date
	Acres mapped	*Acres updated*	*Acres*
AK	1,170,754	165,000	44,549,753
AL	206,693	0	30,039,863
AR	94,101	70,261	33,643,815
AZ	648,640	0	49,082,581
CA	569,437	15,000	76,402,501
CO	371,768	62,560	64,328,486
CT	0	48,000	3,211,700
DE	0	18,500	1,308,500
FL	78,244	0	34,733,118
GA	122,053	193,321	35,196,871
HI	0	140,938	4,042,820
IA	0	338,036	36,016,200
ID	173,866	117,500	36,089,913
IL	0	1,978,902	36,060,840
IN	0	383,071	23,158,600
KS	0	77,454	52,657,500
KY	0	139,092	25,815,272
LA	0	64,267	30,561,000
MA	0	55,105	5,301,800
MD	0	268,698	6,695,000
ME	126,340	54,139	17,090,862
MI	454,927	7,920	35,003,991
MN	428,599	360,381	45,387,084
MO	914,672	1,156	41,735,508
MS	121,359	0	28,554,970
MT	1,264,206	82,626	81,909,846
NC	268,465	87,212	31,126,800
ND	188,922	229,259	44,966,592
NE	59,235	328,325	50,004,936
NH	45,135	37,558	5,413,458
NJ	4,275	189,100	4,865,375
NM	132,570	491,707	69,638,366
NV	193,631	0	60,023,901
NY	100,751	35,720	29,128,330
OH	0	109,349	26,414,944
OK	0	207,828	44,771,700
OR	217,872	243,620	38,632,727
PA	0	305,000	28,997,200
PB [2]	0	0	545,032
PR [3]	0	11,325	2,333,800
RI	0	0	775,900
SC	0	98,757	19,912,100
SD	0	147,990	49,354,542
TN	263,723	238,625	26,317,003
TX	495,448	1,775,225	163,616,542
UT	406,000	77,182	47,816,853
VA	352,363	0	23,751,921
VT	57,060	12,995	5,184,845
WA	240,600	81,900	38,721,119
WI	185,124	429,040	32,915,071
WV	109,701	261,804	14,697,657
WY	415,042	4,744	45,875,357
Total	10,481,576	10,046,192	1,784,380,465

[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 12-17.—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 12-18.—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	Recreation	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 12-19.—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 12-20.—Interim EQIP/GPCP [1]: Status of cost-share contracts, by States, year ending Sept. 30, 1998 [2]

State	Designated counties	Active land treatment contracts in operation	
		1998	1998
	Number	*Number*	*1,000 acres*
CO	38	104	431.7
KS	62	107	81.7
MT	46	35	387.8
NE	65	14	39.1
NM	27	25	634.8
ND	48	104	181.4
OK	44	106	49.4
SD	51	44	169.4
TX	156	211	655.9
WY	19	35	294.5
Total	556	785	2,925.7

[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 12-21.—Great Plains Conservation Program: Status of cost-share contracts, by States, year ending Sept. 30, 1998 [1]

State	Designated counties	Active land treatment contracts in operation	
		1998	1998
	Number	*Number*	*1,000 acres*
CO	38	185	691.6
KS	62	351	238.8
MT	46	159	867.5
NE	65	183	531.0
NM	27	98	1,699.0
ND	48	272	567.5
OK	44	381	186.7
SD	51	293	1,108.0
TX	156	278	635.5
WY	19	94	891.0
Total	556	2,294	7,416.6

[1] As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

NRCS, Conservation Operations Division, (202) 720–1845.

Table 12-22.—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 12-23.—Small watershed protection and flood prevention projects: Accomplishments for years ending Sept. 30, 1993–97

Item	Unit of measure	1993	1994	1995	1996	1997
Small watershed protection: [1]						
Land treatment: [2]						
Forest land	Acres	38,322	16,806	1,905	2,193	8,402
Cropland	.....do	501	626	0	1,160	741
Pastureland	.....do	170	28	7,284	45	88
Total land treatment	.....do	38,993	17,460	9,189	3,398	9,233
Land owners assisted	Number	3,534	1,483	1,465	1,348	1,186
Flood prevention: [3]						
Land treatment: [2]						
Forest land	Acres	2,196	6,335	63,028	8,682	6,541
Cropland	.....do	.....	.....	575	1,668	20
Pastureland	.....do	.....	40	83	92	78
Total land treatment	.....do	2,196	6,375	63,686	10,442	6,639
Land owners assisted	Number	1,452	1,528	2,461	2,265	1,183

[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 12-24.—Tree planting: Acres seeded and acres of tree planting, in States and Territories, fiscal year 1998

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	165,270	2,490	1,161	1,329	450	162,330
AK	5,534	354	354	0	2,783	2,397
AZ	1,491	1,444	1,444	0	5	42
AR	53,738	5,549	3,536	2,013	889	47,300
CA	38,670	27,948	27,900	48	4	10,718
CO	6,310	389	386	3	285	5,636
CT	145	0	0	0	18	127
DE	1,123	0	0	0	0	1,123
FL	79,381	7,651	3,727	3,924	4,308	67,422
GA	265,905	2,407	1,037	1,370	3,838	259,660
HI	1,025	0	0	0	42	983
ID	24,220	19,596	19,596	0	3,421	1,203
IL	8,969	563	531	32	0	8,406
IN	2,058	18	0	18	50	1,990
IA	6,899	4	0	4	263	6,632
KS	1,534	8	0	8	56	1,470
KY	6,414	431	409	22	202	5,781
LA	31,508	1,129	919	210	2,559	27,820
ME	927	0	0	0	0	927
MD	6,688	8	0	8	430	6,250
MA	16	2	0	2	0	14
MI	10,717	3,017	3,017	0	7,700	0
MN	20,033	2,298	2,292	6	9,036	8,699
MS	269,700	6,135	5,426	709	20,377	243,188
MO	2,638	388	256	132	0	2,250
MT	11,714	10,674	10,669	5	622	418
NE	4,089	0	0	0	0	4,089
NV	292	195	195	0	35	62
NH	3	3	0	3	0	0
NJ	264	6	0	6	39	219
NM	1,434	1,002	1,002	0	40	392
NY	312	0	0	0	58	254
NC	80,630	1,861	563	1,298	1,284	77,485
ND	3,186	186	0	186	18	2,982
OH	2,699	97	80	17	31	2,571
OK	5,776	63	0	63	95	5,618
OR	67,127	43,153	43,153	0	3,266	20,708
PA	3,970	196	189	7	0	3,774
RI	45	0	0	0	8	37
SC	67,027	1,190	414	776	1,946	63,891
SD	4,676	139	0	139	73	4,464
TN	11,420	677	273	404	1,026	9,717
TX	68,626	1,014	504	510	352	67,260
UT	1,003	1,003	1,003	0	0	0
VT	240	185	185	0	10	45
VA	71,635	372	254	118	137	71,126
WA	55,603	14,267	14,043	224	17,000	24,336
WV	2,082	87	85	2	0	1,995
WI	23,015	904	894	10	0	22,111
WY	3,056	1,470	1,390	80	0	1,586
State totals	1,500,837	160,573	146,887	13,686	82,756	1,257,508
PR	301	0	0	0	0	301
Other [4]	230	0	0	0	66	164
Total	1,501,368	160,573	146,887	13,686	82,822	1,257,973

[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 12-25.—Forest land: Total forest land and area and ownership of timberland, by regions, Jan. 1, 1996 [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	85,484	86,035	9,603	2,029	7,574	7,112	69,320	10,996	58,324
North Central	84,795	94,220	22,555	7,881	14,674	13,746	57,919	3,796	54,123
North	170,279	180,255	32,158	9,910	22,248	20,858	127,239	14,792	112,447
Southeast	88,662	84,803	6,851	4,594	2,257	2,522	75,430	14,508	60,922
South Central	125,448	116,306	9,000	6,604	2,396	2,562	104,744	22,526	82,218
South	214,110	201,109	15,851	11,198	4,653	5,084	180,174	37,034	143,140
Great Plains	4,787	4,317	1,075	999	76	180	3,062	0	3,062
Intermountain	138,447	63,455	42,755	42,580	175	2,637	18,063	2,926	15,137
Rocky Mountains	143,234	67,772	43,830	43,579	251	2,817	21,125	2,926	18,199
Alaska	127,380	11,988	3,899	3,780	119	4,299	3,790	0	3,790
Pacific Northwest	51,581	38,454	18,173	18,035	138	2,614	17,667	9,193	8,474
Pacific Southwest [5]	40,214	18,447	10,097	10,086	11	505	7,845	2,932	4,913
Pacific Coast	219,175	68,889	32,169	31,901	268	7,418	29,302	12,125	17,177
All regions	746,798	518,025	124,008	96,588	27,420	36,177	357,840	66,877	290,963

[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.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-26.—Timber volume: Net volume of growing stock and sawtimber on timberland, by softwoods and hardwoods, and regions, Jan. 1, 1996 [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	121,179	30,945	90,234	321,066	91,564	229,502
North Central	91,393	18,355	73,038	253,427	54,676	198,751
North	212,572	49,300	163,272	574,493	146,240	428,253
Southeast	122,985	51,861	71,124	391,863	174,866	216,997
South Central	133,377	52,985	80,392	465,944	218,316	247,628
South	256,362	104,846	151,516	857,807	393,182	464,625
Great Plains	5,539	1,687	3,852	13,915	5,642	8,273
Intermountain	134,989	124,598	10,391	468,261	452,160	16,101
Rocky Mountains	140,528	126,285	14,243	482,176	457,802	24,374
Alaska	35,059	31,707	3,352	146,787	140,563	6,224
Pacific Northwest	155,758	141,845	13,913	844,138	796,907	47,231
Pacific Southwest [4]	59,366	49,859	9,507	321,615	297,121	24,494
Pacific Coast	250,183	223,411	26,772	1,312,540	1,234,591	77,949
All regions	859,645	503,842	355,803	3,227,016	2,231,815	995,201

[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.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-27.—Timber removals: Roundwood product output, logging residues and other removals from growing stock and other sources, by softwoods and hardwoods, 1996 [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	7,044	5,082	1,962	6,712	4,928	1,784	331	153	178
Pulpwood	1,249	1,092	157	1,220	1,070	150	28	21	7
Veneer logs	5,037	2,845	2,192	4,444	2,547	1,897	593	298	295
Other products [4]	361	114	247	325	98	227	35	15	20
Fuelwood [5]	2,283	493	1,790	799	187	612	1,484	306	1,178
Total	15,974	9,626	6,348	13,500	8,830	4,670	2,471	793	1,678
Logging residues [6]	3,374	1,349	2,025	1,292	615	677	2,082	734	1,348
Other removals [7]	1,387	448	939	919	348	571	468	100	368
Total	4,761	1,797	2,964	2,211	963	1,248	2,550	834	1,716

[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.

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Table 12-28.—Timber growth, removals and mortality: Net annual growth, removals, and mortality of growing stock on timberland by softwoods and hardwoods and regions, 1996 [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	2,869	646	2,223	1,275	414	861	788	274	514
North Central	2,482	521	1,961	1,498	255	1,243	817	181	636
North	5,351	1,167	4,184	2,773	669	2,104	1,605	455	1,150
Southeast	4,731	2,779	1,952	4,459	2,947	1,512	1,234	630	604
South Central	5,981	3,110	2,871	5,726	3,531	2,195	1,003	406	597
South	10,712	5,889	4,823	10,185	6,478	3,707	2,237	1,036	1,201
Great Plains	98	52	46	35	20	15	48	10	38
Intermountain	2,390	1,956	434	497	481	16	993	890	103
Rocky Mountains	2,488	2,008	480	532	501	31	1,041	900	141
Alaska	223	137	86	182	177	5	205	195	10
Pacific Northwest	3,582	3,156	426	1,720	1,621	99	779	697	82
Pacific Southwest [5]	1,288	1,155	133	628	618	10	315	263	52
Pacific Coast	5,093	4,448	645	2,530	2,416	114	1,299	1,155	144
All regions	23,644	13,512	10,132	16,020	10,064	5,956	6,182	3,546	2,636

[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.

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Table 12-29.—Timber volume: Net volume of sawtimber on timberland in the West, by regions and species, Jan. 1, 1996 [1]

Species	Total West	Inter-mountain	Alaska	Pacific Northwest	Pacific South-west [2]	Great Plains
	Million board feet	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*	*Million board feet*
Softwoods:						
Douglas-fir	640,832	127,211	0	429,850	83,771	0
Ponderosa and Jeffrey pines	203,733	76,732	0	63,637	59,647	3,717
True fir	238,850	65,806	9	93,369	79,666	0
Western hemlock	171,001	4,692	51,911	114,240	158	0
Sugar pine	31,257	3,824	0	7,558	19,875	0
Western white pine	7,300	3,118	0	2,355	1,827	0
Redwood	27,663	0	0	193	27,470	0
Sitka spruce	47,279	0	44,944	2,335	0	0
Engelmann and other spruces	103,028	68,997	17,669	16,011	216	135
Western larch	29,228	17,537	0	11,691	0	0
Incense cedar	19,567	14	0	3,971	15,582	0
Lodgepole pine	82,647	64,408	131	12,638	5,470	0
Western Red Cedar	43,065	9,473	4,945	28,641	6	0
Other	47,112	14,383	13,828	13,678	3,433	1,790
Total	1,692,562	456,195	133,437	800,167	297,121	5,642
Hardwoods:						
Cottonwood and aspen	23,744	15,558	4,276	3,746	158	6
Red alder	29,013	0	91	28,336	586	0
Oak	11,833	0	0	809	11,024	0
Other	37,734	542	1,921	14,276	12,727	8,268
Total	102,324	16,100	6,288	47,167	24,495	8,274
All species	1,794,886	472,295	139,725	847,334	321,616	13,916

[1] International ¼-inch rule. Data may not add to totals because of rounding. [2] Includes Hawaii.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-30.—Timber volume: Net volume of sawtimber on timberland in the East, by regions and species, Jan. 1, 1996 [1]

Species	Total East	North			South		
		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*
Softwoods:							
Longleaf and slash pines	54,280	0	0	0	54,280	34,512	19,768
Loblolly and shortleaf pines	275,854	4,445	1,952	2,493	271,409	96,186	175,223
Other yellow pines	33,095	4,938	4,092	846	28,157	19,115	9,042
White and red pines	67,091	57,840	36,641	21,199	9,251	7,979	1,272
Jack pine	4,195	4,195	35	4,160	0	0	0
Spruce and balsam fir	30,102	30,022	20,434	9,588	80	80	0
Eastern hemlock	29,806	27,205	22,095	5,110	2,601	1,779	822
Cypress	24,656	152	15	137	24,504	14,016	10,488
Other	20,344	17,442	6,299	11,143	2,902	1,200	1,702
Total	539,423	146,239	91,563	54,676	393,184	174,867	21 8,317
Hardwoods:							
Select white oaks	90,351	38,343	12,799	25,544	52,008	23,157	28,851
Select red oaks	78,236	48,582	27,463	21,119	29,654	11,737	17,917
Other white oaks	53,997	14,424	10,528	3,896	39,573	18,716	20,857
Other red oaks	128,701	33,441	14,599	18,842	95,260	39,930	55,330
Hickory	47,734	15,756	6,649	9,107	31,978	10,327	21,651
Yellow birch	9,467	9,220	6,955	2,265	247	235	12
Hard maple	54,904	50,015	30,336	19,679	4,889	1,310	3,579
Soft maple	68,782	51,678	34,551	17,127	17,104	12,657	4,447
Beech	27,790	18,594	14,426	4,168	9,196	3,065	6,131
Sweetgum	64,140	3,148	1,354	1,794	60,992	17,031	43,961
Tupelo and black gum	57,861	3,427	1,204	2,223	54,434	21,329	33,105
Ash	113,916	35,575	11,740	23,835	78,341	34,848	43,493
Basswood	65,143	20,039	4,698	15,341	45,104	21,801	23,303
Yellow-poplar	231,176	50,740	17,497	33,243	180,436	73,778	106,658
Cottonwood and aspen	159,429	44,764	7,440	37,324	114,665	55,752	58,913
Black walnut	15,171	4,093	743	3,350	11,078	4,959	6,119
Black cherry	79,946	33,755	13,843	19,912	46,191	22,573	23,618
Other	169,342	44,105	12,679	31,426	125,237	51,028	74,209
Total	1,516,086	519,699	229,504	290,195	996,387	424,233	572,154
All species	2,055,509	665,938	321,067	344,871	1,389,571	599,100	790,471

[1] International ¼-inch rule. Data may not add to totals because of rounding.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-31.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, fiscal years 1989–98

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*
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
1997	3,285	497,957	3,262	619,732
1998	3,298	445,774	1,135	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 12-32.—National Forest System: National Forest System lands and other lands in States and Territories, Sept. 30, 1998

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	1,288	665	623	NM	10,367	9,327	1,040
AK	24,355	21,974	2,381	NY	16	16	0
AZ	11,891	11,255	636	NC	3,166	1,244	1,922
AR	3,539	2,579	960	ND	1,106	1,106	([3])
CA	24,403	20,653	3,750	OH	835	229	606
CO	16,052	14,509	1,543	OK	772	397	375
CT	0	0	0	OR	17,496	15,656	1,840
FL	1,379	1,147	232	PA	743	513	230
GA	1,856	865	991	SC	1,375	613	762
HI	0	0	0	SD	2,367	2,012	355
ID	21,655	20,459	1,196	TN	1,212	634	578
IL	856	292	564	TX	1,994	755	1,239
IN	644	196	448	UT	9,211	8,111	1,100
KS	116	108	8	VT	817	368	449
KY	2,102	693	1,409	VA	3,224	1,659	1,565
LA	1,024	604	420	WA	10,088	9,202	886
ME	93	53	40	WV	1,870	1,033	837
MI	4,895	2,857	2,038	WI	2,023	1,521	502
MN	5,467	2,838	2,629	WY	9,704	9,238	466
MS	2,310	1,159	1,151	PR	56	28	28
MO	3,060	1,495	1,565	VI	0	0	0
MT	19,104	16,886	2,218				
NE	442	352	90				
NV	6,275	5,826	449				
NH	827	727	100	Total	232,075	191,854	40,221

[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.

FS, Timber, Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-33.—National Forest System lands: Receipts, United States and Puerto Rico, fiscal years 1989–98

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*
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
1997	197,194	6,972	80,588	284,754
1998	207,938	6,992	78,869	293,799

[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 12-34.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, fiscal years 1996–98 [1] [2]

State or other areas	1996	1997	1998	State or other areas	1996	1997	1998
	1,000 dollars	*1,000 dollars*	*1,000 dollars*		*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AL	2,050	964	1,133	NM	653	923	854
AK	5,906	1,187	1,820	NY	6	6	2
AZ	1,632	2,215	2,113	NC	692	654	594
AR	6,648	5,954	6,584	ND	(3)	(3)	(3)
CA	36,158	33,963	30,533	OH	11	16	2
CO	5,956	4,388	5,045	OK	883	1,017	1,034
FL	1,066	1,000	1,435	OR	95,239	92,243	85,505
GA	908	697	328	PA	6,207	5,998	5,800
ID	17,458	14,267	12,468	SC	960	1,292	557
IL	28	17	394	SD	2,350	3,814	3,663
IN	7	26	138	TN	319	440	327
KY	494	433	255	TX	4,337	2,264	5,621
LA	2,736	2,949	2,361	UT	1,831	1,599	1,512
ME	35	30	37	VT	257	226	436
MI	2,384	2,759	2,996	VA	822	790	767
MN	3,179	2,922	3,412	WA	29,429	28,425	27,073
MS	8,276	4,919	5,399	WV	1,861	1,624	1,944
MO	1,232	1,149	1,237	WI	1,621	1,861	2,166
MT	9,383	8,558	10,367	WY	1,844	1,849	2,184
NE	31	32	33	PR	21	23	24
NV	299	388	330				
NH	510	440	549	Total	255,719	234,321	229,032

[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 12-35.—Livestock on National Forest System lands: Number grazed and grazing receipts, United States, 1989–98

Year	Number grazed [1]		Receipts from grazing [2]
	Cattle, horses, and burros	Sheep and goats	
	Thousands	*Thousands*	*1,000 dollars*
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
1997	1,225	932	6,972
1998	1,208	909	6,992

[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 12-36.—Livestock on National Forest System lands: Number grazed and grazing receipts for fiscal year 1998, by States

State or other area	Head months [1]		Receipts from grazing, 1992 [2]
	Cattle, horses, and burros	Sheep and goats	
	Number	*Number*	*Dollars*
AL	303	0	618.80
AZ	723,978	47,385	1,647,141.56
AR	4,160	0	39,044.80
CA	293,376	155,700	592,633.14
CO	593,907	445,914	1,310,956.54
FL	600	0	18,885.00
GA	3,091	0	8,080.13
ID	442,272	532,074	977,513.91
IL	101	0	166.63
KS	34	0	0.00
KY	31,905	0	25,700.98
LA	15,916	0	25,718.78
MI	1,752	0	1,557.46
MN	41	0	136.41
MS	2,705	0	3,426.08
MO	26,850	0	27,154.21
MT	420,212	49,335	820,928.80
NE	105,479	0	158,367.34
NV	155,020	166,744	402,126.96
NM	749,223	79,974	1,235,863.58
NY	7,751	0	56.79
ND	391,513	0	443,840.30
OH	709	0	961.38
OK	19,523	0	28,620.18
OR [3]	335,644	64,966	618,786.04
SD	389,493	19,321	547,594.81
TX	32,469	0	97,788.34
UT	335,358	513,261	836,937.32
VT	108	0	0.00
VA	6,656	0	10,694.21
WA	65,643	35,456	169,044.36
WV	5,688	321	18,585.00
WY	433,442	369,419	709,486.02
National forests	5,594,922	2,479,870	9,464,412.41
National grasslands and land utilization project land	.....	.....	1,314,322.64
Total	5,594,922	2,479,870	10,778,735.05

[1] A head month is the billing unit for permitted grazing and is equal to 1 month's occupancy. [2] 1992 is the most recent year for which grazing receipts by state are available. [3] 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 12-37.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1989–98

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.*
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
1997	331.40	307.30	270.20	211.30	286.88	264.50	357.12
1998	254.20	287.80	204.90	161.40	240.90	270.20	394.80

[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 12-38.—National Forest System lands: Number of visitor-days, 1986–96, by activity, States, and Puerto Rico, 1996 [1]

Year and activity	Visitor-days	Percent	1997			
			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 12-39.—Timber products: Production, imports, exports, and consumption, United States, 1989–97 [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*
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
1996	7,028	2,615	471	9,172	1,284	122	87	1,319	5,796	1,262	925	6,133
1997	7,103	2,620	602	9,122	1,211	114	103	1,222	5,859	1,307	926	6,241

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*
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
1996	500	18	422	416	15,446	4,071	2,321	17,196	3,420	18,866	20,616
1997	485	20	329	422	15,409	4,109	2,382	17,137	3,483	18,892	20,620

[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.

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376.

Table 12-40.—Lumber: Production, United States, 1989–98

Year	Total	Softwoods	Hardwoods
	Million bd. ft.	*Million bd. ft.*	*Million bd. ft.*
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	46,778	33,932	12,846
1997	47,400	34,500	12,900
1998	48,300	34,800	13,500

FS, Timber Demand and Technology Assessment, RWU-4851, (608) 231–9376. From data published by the American Forest and Paper Association.

Table 12-41.—Timber products: Pulpwood consumption, woodpulp production, and paper and board production and consumption, United States, 1989–98 [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*
1989	92,615	61,996	76,785	([7]) 85,373	690
1990	92,561	63,048	78,679	([7]) 86,796	695
1991	91,925	63,635	79,426	([7]) 85,071	673
1992	93,643	65,338	82,868	88,273	691
1993	90,996	64,132	84,858	91,538	709
1994	93,259	65,788	89,080	95,718	736
1995	97,271	66,981	89,534	96,062	731
1996	90,368	65,391	90,362	94,490	711
1997	92,799	66,543	95,031	99,637	744
1998	91,376	65,022	94,450	101,316	750

[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 12-42.—Timber products: Producer price indexes, selected products, United States, 1989–98

[1982=100]

Year	Lumber	Softwood plywood	Woodpulp	Paper	Paperboard
1989	90.8	84.5	131.4	105.3	104.2
1990	86.9	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	124.9	115.4	87.0	100.6	96.7
1994	127.1	120.3	97.2	102.2	104.3
1995	112.7	128.0	152.9	129.2	136.2
1996	114.1	118.3	111.7	121.4	116.1
1997	123.7	119.3	107.2	116.8	107.7
1998	110.9	119.1	102.3	118.6	112.9

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 12-43.—Timber products: Structual panels, LVL, and lumber production, United States, 1989–98

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*
1989	0.34	144.56	18.94	1.72	17.7	63.8
1990	0.45	153.42	18.32	1.68	17.0	60.8
1991	0.51	158.94	16.55	1.70	16.0	56.4
1992	0.57	188.39	17.11	1.89	16.8	58.7
1993	0.71	198.28	17.09	2.05	25.0	56.0
1994	0.79	211.98	16.87	2.21	26.0	58.0
1995	0.98	223.79	17.14	1.96	29.3	54.8
1996	1.12	263.74	16.98	2.17	30.2	57.7
1997	1.08	298.29	15.90	2.45	30.4	58.7
1998	1.31	317.91	15.73	2.76	31.9	59.2

[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, 1990–99

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	Millions	*Millions*		*Millions*	*Millions*
1990	246.5	247.8	1995	260.2	261.4
1991	249.2	250.5	1996	262.7	263.9
1992	252.0	253.4	1997	265.2	266.5
1993	255.0	256.3	1998	267.8	269.0
1994	257.7	258.9	1999	270.4	271.7

ERS, Food Assistance and Rural Economy 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	95	154	54	63	26	470	386
1971	3,300	96	154	55	63	26	470	387
1972	3,300	95	155	54	63	27	460	386
1973	3,200	94	150	52	61	27	440	390
1974	3,200	94	151	52	62	27	440	383
1975	3,200	93	146	50	59	27	430	385
1976	3,300	97	152	51	60	29	430	399
1977	3,300	96	149	51	59	28	430	398
1978	3,200	95	150	51	59	29	430	392
1979	3,300	96	151	51	60	30	430	400
1980	3,300	96	153	52	60	30	430	406
1981	3,300	96	153	51	61	30	430	394
1982	3,300	96	152	51	60	30	420	396
1983	3,300	97	157	53	62	31	430	400
1984	3,400	98	155	53	62	29	430	404
1985	3,500	101	163	55	65	32	430	420
1986	3,500	102	162	54	65	32	420	425
1987	3,500	103	160	53	64	32	420	436
1988	3,600	105	161	53	64	33	420	443
1989	3,500	104	156	51	63	32	410	445
1990	3,600	105	156	51	63	32	400	458
1991	3,600	107	155	50	63	32	400	464
1992	3,700	108	158	52	64	32	410	473
1993	3,700	108	161	52	66	32	410	482
1994	3,800	110	159	52	65	31	410	491

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	2.6	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.

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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	1.5	7.6	9.1
Vitamin E	6.3	3.7	3.3	63.6	0.9	3.1	3.9
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	4.6
Riboflavin	21.8	36.4	9.6	0.1	0.7	1.9	2.6
Niacin	44.5	2.1	0.1	([2])	0.7	2.0	2.7
Vitamin B [6]	38.9	11.7	3.0	([2])	1.6	7.4	9.1
Folate	10.4	9.4	7.3	0.1	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	1.8	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])	0.3	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	0.8	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	19.9	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	8.3	23.4	3.4	9.3	0.3	0.9	100
Folate	4.9	2.9	20.1	27.9	20.2	12.8	([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	4.7	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	2.2	100
Magnesium	6.4	1.4	8.9	16.7	12.3	17.8	0.8	11.1	100
Iron	5.0	1.2	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	14.4	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. [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.

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Table 13-4.—Food nutrients: Percentage of total contributed by major food groups, 1994 [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	14.2	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	27.7	15.8	43.5
Thiamin	18.7	6.2	0.8	(2)	2.3	2.1	4.4
Riboflavin	18.1	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	4.7	0.1	9.1	3.4	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	24.7	32.8	3.5	0.1	0.8	1.1	1.9
Magnesium	12.7	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	0.2	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	0.3	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	2.5	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	5.6	100
Vitamin E	0.4	1.1	5.8	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	4.8	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	16.6	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	1.3	7.4	14.1	13.2	25.5	0.9	9.6	100
Iron	4.0	1.0	5.9	11.0	8.3	50.5	1.1	5.6	100
Zinc	2.9	0.6	3.7	7.2	6.3	18.4	0.5	3.0	100
Copper	9.5	1.2	9.0	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 [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.

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Table 13-5.—Consumption: Per capita consumption of major food commodities, United States, 1990–98 [1]

Commodity	1990	1991	1992	1993	1994	1995	1996	1997	1998 [2]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Poun ds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Red meats [3 4]	112.3	111.9	114.1	112.1	114.7	115.1	112.8	111.0	115.6
Beef	63.9	63.1	62.8	61.5	63.6	64.4	65.0	63.8	64.9
Veal	0.9	0.8	0.8	0.8	0.8	0.8	1.0	0.9	0.7
Lamb and mutton	1.0	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.9
Pork	46.4	46.9	49.5	48.9	49.5	49.0	45.9	45.6	49.1
Fish [3]	15.0	14.8	14.7	14.9	15.1	14.9	14.7	14.5	14.8
Canned	5.1	4.9	4.6	4.5	4.5	4.7	4.5	4.4	4.5
Fresh and frozen	9.6	9.7	9.8	10.1	10.3	9.9	9.9	9.8	10.0
Cured	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	.3
Poultry [3 4]	56.3	58.3	60.8	62.5	63.3	62.9	64.1	65.0	68.4
Chicken	42.4	44.2	46.7	48.5	49.3	48.8	49.5	50.4	50.8
Turkey	13.8	14.1	14.1	14.0	14.1	14.1	14.6	13.9	14.2
Eggs [4]	30.2	30.1	30.3	30.4	30.6	30.3	30.6	30.7	31.4
Dairy products: [5]									
Total dairy products	568.4	565.6	565.9	574.1	586.0	583.9	574.7	577.7	582.3
Fluid milk and cream	233.4	233.1	230.5	225.7	226.3	223.3	223.6	221.1	218.8
Plain and flavored whole milk	90.4	87.3	84.0	80.1	78.8	75.3	74.6	72.7	71.6
Plain reduced fat and light milk (2%, 1%, and 0.5%)	98.3	99.7	99.2	96.7	96.0	92.5	91.2	89.1	87.5
Plain fat free milk (skim)	22.9	23.9	25.0	26.7	28.8	31.9	33.7	34.3	34.4
Flavored lower fat fat free milk	6.6	6.8	6.9	6.9	7.1	7.3	7.9	8.1	8.4
Buttermilk	3.5	3.4	3.2	3.0	3.0	2.8	2.7	2.6	2.5
Eggnog	0.5	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4
Yogurt (excl. frozen)	4.0	4.2	4.2	4.3	4.7	5.1	4.8	5.2	5.1
Heavy cream, light cream and half and half	4.6	4.6	4.8	4.9	4.9	5.1	5.4	5.7	5.8
Sour cream and dip	2.5	2.6	2.7	2.7	2.8	2.9	2.9	3.0	3.0
Cheese (excluding cottage) [6]	24.6	25.0	26.0	26.2	26.8	27.3	27.7	28.0	28.4
American	11.1	11.1	11.3	11.4	11.5	11.8	12.0	12.0	12.2
Cheddar	9.0	9.1	9.2	9.1	9.1	9.1	9.2	9.6	9.7
Italian	9.0	9.4	10.0	9.8	10.3	10.4	10.8	11.0	11.3
Mozzarella	6.9	7.2	7.7	7.6	7.9	8.1	8.5	8.4	8.7
Cottage cheese	3.4	3.3	3.1	2.9	2.8	2.7	2.6	2.7	2.7
Condensed and evaporated milk	7.9	8.2	8.5	8.2	8.5	6.9	6.4	6.6	6.4
Ice cream	15.8	16.3	16.3	16.1	16.1	15.7	15.9	16.4	16.6
Fats and oils [7]	63.0	64.8	66.8	69.7	68.0	66.4	65.3	64.9	65.3
Butter	4.4	4.4	4.4	4.7	4.8	4.5	4.3	4.2	4.2
Margarine	10.9	10.6	11.0	11.1	9.9	9.2	9.2	8.6	8.3
Shortening	22.2	22.4	22.4	25.1	24.1	22.5	22.3	20.9	20.9
Lard (direct use)	1.6	1.4	1.1	1.2	1.8	1.7	1.8	1.9	2.0
Edible tallow (direct use)	0.6	1.4	2.4	2.2	2.4	2.7	3.0	2.2	3.2
Salad and cooking oils	25.3	26.4	27.2	26.9	26.2	26.9	26.2	28.6	27.9
Fruits and vegetables [4 8]	656.1	650.3	667.7	691.3	705.8	694.3	710.9	717.9	699.6
Fruits	272.6	255.3	283.8	283.1	291.0	284.8	290.2	296.8	281.4
Fresh	116.3	113.0	123.5	124.5	126.3	124.1	128.1	131.9	131.8
Citrus	21.4	19.1	24.4	26.0	25.0	24.1	24.9	27.0	27.1
Noncitrus	95.0	93.9	99.2	98.5	101.3	100.0	103.2	104.9	104.7
Processing	156.2	142.3	160.3	158.5	164.8	160.7	162.0	164.9	149.7
Citrus	86.0	74.4	90.0	87.7	94.5	93.9	95.0	98.5	84.7
Noncitrus	70.2	67.9	70.3	70.9	70.3	66.8	67.0	66.4	65.0
Vegetables	383.5	395.0	393.9	408.3	414.7	409.5	420.7	421.1	418.1
Fresh	167.1	167.4	171.1	178.2	184.6	179.1	184.1	190.4	186.5
Processing	216.4	227.5	222.8	230.1	230.2	230.4	236.6	230.7	231.6
Flour and cereal products [4]	182.0	183.6	186.2	191.0	193.9	192.5	198.7	200.1	.....
Wheat flour [9]	136.0	137.0	138.9	143.3	144.4	141.9	148.7	149.5	147.8
Rice (milled basis)	16.2	16.8	17.5	17.6	19.2	20.1	19.1	19.7	20.1
Corn products	21.9	22.0	22.1	22.3	22.5	22.7	22.9	23.1	--
Oat products	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.5	--

See footnotes at end of table.

Table 13-5.—Consumption: Per capita consumption of major food commodities, United States, 1990–98 [1]—Continued

Commodity	1990	1991	1992	1993	1994	1995	1996	1997	1998 [2]
	Pounds	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*	*Pounds*
Barley and rye products	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.3	--
Caloric sweeteners (dry weight basis) [4]	137.0	137.9	141.2	144.4	147.4	149.9	150.7	154.1	--
Sugar (refined)	64.4	63.8	64.6	64.4	65.0	65.5	66.6	66.5	--
Corn sweeteners [10]	71.1	72.8	75.2	78.7	81.0	83.0	82.8	86.2	--
Honey and edible syrups	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	--
Other:.									
Coffee (green bean equivalent)	10.3	10.3	10.0	9.1	8.2	8.0	8.9	9.3	--
Cocoa (chocolate liquor equivalent) [11]	4.3	4.6	4.6	4.3	3.9	3.6	4.2	4.1	--
Tea (dry leaf equivalent)	0.7	0.8	0.9	0.9	0.9	0.9	0.8	0.8	--
Peanuts (shelled)	6.0	6.5	6.2	6.1	5.8	5.7	5.7	5.9	5.9
Tree nuts (shelled)	2.4	2.2	2.2	2.4	2.3	1.9	2.0	2.1	2.3

[1] Quantity in pounds, retail weight unless otherwise shown. [2] Preliminary. [3] Boneless, trimmed weight equivalent. [4] Total may not add due to rounding. [5] Total dairy products reported on a milk-equivalent, milkfat basis. All other dairy categories reported on a product weight basis. [6] Natural equivalent of cheese and cheese products. [7] Total fats and oils reported on a fat content basis. All other fats and oils categories reported on a product weight basis. [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.--= 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, 1970-98, ERS, USDA, 2000.

Table 13-6.—Food plans: Food cost at home, at four cost levels, for families and individuals in the United States, for week and month, June 1999 [1]

Age-gender groups	Weekly cost				Monthy cost			
	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan	Thrifty plan	Low-cost plan	Moderate-cost plan	Liberal plan
	Dollars	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*	*Dollars*
Individuals [2].								
Child:.								
1-2 years	15.40	19.10	22.30	27.20	66.70	82.80	96.60	117.90
3-5 years	16.70	20.80	25.70	30.90	72.40	90.10	111.40	133.90
6-8 years	20.70	27.70	34.40	40.00	89.70	120.00	149.10	173.30
9-11 years	24.50	31.40	40.00	46.40	106.20	136.10	173.30	201.10
Male:.								
12-14 years	25.30	35.40	43.80	51.50	109.60	153.40	189.80	223.10
15-19 years	26.10	36.30	45.30	52.30	113.10	157.30	196.30	226.60
20-50 years	28.00	36.10	45.00	54.50	121.30	156.40	195.00	236.10
51 years and over	25.30	34.40	42.40	50.90	109.60	149.10	183.70	220.50
Female:.								
12-19 years	25.30	30.50	36.90	44.60	109.60	132.20	159.90	193.30
20-50 years	25.20	31.50	38.40	49.20	109.20	136.50	166.40	213.20
51 years and over	24.80	30.70	38.10	45.60	107.50	133.00	165.10	197.60
Families:.								
Family of 2 [3]:.								
20-50 years	58.50	74.40	91.70	114.10	253.60	322.20	397.50	494.20
51 years and over	55.10	71.60	88.60	106.20	238.80	310.30	383.70	459.90
Family of 4:.								
Couple, 20-50 years and children.								
1-2 and 3-5 years	85.30	107.50	131.40	161.80	369.60	465.80	569.40	701.10
6-8 and 9-11 years	98.40	126.70	157.80	190.10	426.40	549.00	683.80	823.70

[1] Basis is that all meals and snacks are purchased at stores and prepared at home. For specific foods and quantities of foods in the Low-Cost, Moderate-Cost, and Liberal Plans, see *Family Economics Review* No. 2 (1983); for specific foods and quantities of foods in the Thrifty Food Plan, see *Family Economics Review* No. 1 (1984). The food plans are based on 1977–78 Nationwide Food Consumption Survey data updated to current dollars using the Consumer Price Index for specific food items. [2] 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. [3] Ten percent added for family size adjustment.

Center for Nutrition Policy and Promotion, (202) 418–2312.

Table 13-7.—Food Stamp Program: Participation and Federal costs, fiscal years 1989–98

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*
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	26,619	22,764,067	24,619,600	71.26
1996	25,540	22,440,108	24,324,744	73.21
1997	22,854	19,547,751	21,484,541	71.27
1998 [4]	19,788	16,871,026	18,881,195	71.04

[1] October 1 to September 30. [2] Most benefits are in the form of food stamps; however, non-coupon alternatives (e.g., Electronic Benefit Transfer) account for a growing proportion of total issuance. [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). [4] Preliminary.

FNS, Program Information/Budget Division, (703) 305–2163

Table 13-8.—Food and Nutrition 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 1989–98 [1]

Fiscal year [2]	Child Nutrition					WIC [6]	Special Milk	Food Distribution Programs [7]
	Cash payments [3]				Cost of food distributed [5]			
	School Lunch	School Breakfast	Child & Adult Care [4]	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*
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	4,081,343	868,794	1,179,904	217,459	703,945	2,825,499	18,738	693,934
1994	4,290,810	959,044	1,303,271	227,742	764,414	3,169,500	17,751	696,805
1995	4,466,451	1,048,266	1,411,382	235,451	732,886	3,440,493	16,984	512,837
1996	4,661,761	1,118,780	1,479,553	248,545	733,719	3,695,341	16,754	406,971
1997	4,934,189	1,214,161	1,513,822	242,380	661,287	3,844,142	17,438	514,941
1998 [9]	5,101,197	1,270,844	1,489,660	261,400	774,383	3,889,948	16,954	551,780

[1] See table 13-7 for Food Stamp Program costs. [2] October 1–September 30. [3] Includes sponsor administrative costs for the Child and Adult Care Food Program (CACFP) and the Summer Food Service Programs (SFS), and State administrative and health clinic expenses for SFS. Excludes CACFP audit and startup costs. [4] The Adult Care component was initiated in fiscal year 1989. [5] 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. [6] Includes food costs, administrative costs, program evaluation funds, special grants, and Farmers Market projects for the Special Supplemental Food Program for Women, Infants and Children. [7] 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), Soup Kitchens/Food Banks, and Disaster Feeding. [8] Preliminary.

FNS, Program Information/Budget Division, (703) 305–2163

Table 13-9.—Food and Nutrition 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 1998 [1]

State/Territory	Child Nutrition Program (cash payments only) [2]					Special Supplemental Food (WIC) [3]	Commodity distribution [4]	Food Stamp Program [5]	Emergency food assistance (TEFAP)	Total [5]
	Child and Adult Care Food	Summer Food	Special Milk	National School Lunch	Breakfast					
	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	26,403	4,622	43	102,311	22,779	47,099	18,641	357,318	3,997	583,213
Alaska	4,698	32	3	15,230	2,345	11,375	1,903	49,747	483	85,816
Am. Samoa	0	0	0	0	0	3,369	0	0	0	3,369
Arizona	30,425	3,861	180	93,570	24,249	56,143	30,086	253,455	3,637	495,606
Arkansas	14,944	1,793	20	59,072	18,371	30,784	11,569	205,780	1,771	344,103
California	158,174	17,746	820	688,983	181,446	500,614	104,424	2,019,721	21,261	3,693,190
Colorado	19,823	1,455	139	49,059	8,356	28,062	15,750	156,917	2,188	281,749
Connecticut	8,460	2,229	504	39,475	8,905	23,769	9,567	161,194	1,585	255,688
Delaware	6,684	1,186	51	10,822	2,907	5,518	2,857	33,609	488	64,122
District of Col.	2,719	2,018	9	14,198	3,329	6,753	3,938	84,857	546	118,368
Florida	55,691	19,705	139	288,346	73,981	136,421	44,982	845,350	10,191	1,474,806
Georgia	44,622	8,471	41	191,707	60,785	83,400	33,570	538,294	3,920	964,811
Guam	132	0	0	3,159	1,045	3,662	552	34,413	72	43,035
Hawaii	3,848	257	6	26,159	5,040	18,675	3,563	178,216	655	236,420
Idaho	3,535	726	215	22,087	3,597	10,130	4,665	46,693	911	92,558
Illinois	55,858	11,076	2,659	207,039	31,891	95,100	39,453	844,102	7,536	1,294,716
Indiana	19,710	1,753	347	79,918	16,907	46,878	19,399	263,189	3,450	451,551
Iowa	11,809	619	155	44,577	7,532	23,454	14,108	109,448	1,417	213,119
Kansas	22,619	840	135	42,924	9,791	18,968	11,619	82,783	1,962	191,641
Kentucky	16,726	2,721	89	88,783	28,886	44,837	16,124	344,941	3,113	546,220
Louisiana	37,079	5,898	56	134,546	40,828	55,995	35,768	466,981	3,634	780,785
Maine	8,623	710	127	17,008	3,415	8,213	3,932	100,233	858	143,119
Maryland	24,574	2,788	430	69,882	16,492	34,354	13,158	281,737	2,872	446,287
Massachusetts	31,689	3,846	535	76,621	17,802	38,274	18,917	221,816	3,053	412,554
Michigan	39,995	3,770	914	129,967	29,222	81,674	45,218	588,474	6,956	926,189
Minnesota	43,476	3,072	1,069	65,436	12,661	34,673	20,260	180,842	2,434	363,923
Mississippi	19,033	3,094	11	93,756	30,420	34,946	13,119	254,346	2,953	451,677
Missouri	26,104	4,155	455	90,647	24,410	48,111	21,229	345,484	4,564	565,160
Montana	7,137	373	42	13,602	2,616	7,599	6,366	52,374	545	90,653
Nebraska	18,979	528	163	27,302	4,606	11,891	10,605	67,738	816	142,628
Nevada	2,497	2,426	168	22,265	5,936	13,315	5,220	63,225	1,065	116,117
New Hampshire	2,175	266	197	10,790	2,024	5,811	5,649	30,212	634	57,758
New Jersey	24,258	6,318	942	105,424	15,029	53,910	19,961	383,557	4,841	614,241
New Mexico	26,114	5,313	3	45,831	13,116	20,508	13,279	144,405	2,042	270,609
New York	102,408	40,282	1,203	369,072	86,530	206,173	71,612	1,487,290	14,094	2,378,663
North Carolina	47,165	3,869	144	146,014	43,653	66,733	30,690	421,099	4,314	763,681
North Dakota	7,817	255	74	10,158	1,613	6,625	6,403	25,123	420	58,487
Ohio	39,797	3,980	964	148,806	32,018	78,631	31,107	612,750	7,143	955,196
Oklahoma	26,079	1,855	91	70,830	21,086	35,645	26,774	230,900	3,087	416,347
Oregon	23,125	1,671	201	44,634	13,818	33,703	10,969	197,719	2,788	328,630
Pennsylvania	31,657	13,207	818	157,512	32,224	96,319	36,262	764,085	8,661	1,140,745
Puerto Rico [6]	14,588	3,400	0	104,458	24,395	113,466	11,747	0	5,032	277,087
Rhode Island	3,400	1,143	123	14,680	2,174	7,966	2,825	56,712	615	89,639
South Carolina	17,190	6,003	33	93,160	29,807	39,159	14,020	263,759	2,302	465,432
South Dakota	5,159	646	47	15,281	2,883	7,105	10,277	36,923	466	78,786

See footnotes at end of table.

Table 13-9.—Food and Nutrition 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 1998 [1]—Continued

State/Territory	Child Nutrition Program (cash payments only) [2]					Special Supplemental Food (WIC) [3]	Commodity distribution [4]	Food Stamp Program [5]	Emergency Food Assistance (TEFAP)	Total [5]
	Child and Adult Care Food	Summer Food	Special Milk	National School Lunch	Breakfast					
	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	25,854	4,764	32	103,171	28,457	55,957	22,016	437,308	4,119	681,677
Texas	98,794	16,936	111	511,209	149,147	215,509	76,903	1,424,903	15,381	2,508,892
Utah	23,080	1,756	79	35,476	5,001	20,621	9,592	75,252	1,141	171,998
Vermont	3,405	274	95	7,505	1,818	6,534	1,829	33,758	316	55,535
Virginia	20,107	3,226	349	98,262	24,336	51,695	18,569	306,862	3,875	527,281
Virgin Islands	693	512	4	4,393	333	4,165	584	21,851	95	32,631
Washington	27,459	2,531	281	79,122	18,934	56,238	16,843	308,048	2,976	512,432
West Virginia	9,318	1,418	32	36,793	13,165	18,086	8,066	224,257	1,955	313,090
Wisconsin	22,034	2,420	1,586	66,593	7,434	39,065	20,949	130,104	3,154	293,339
Wyoming	3,929	88	22	7,708	1,294	4,146	3,108	20,871	324	41,489
Outlying Areas [6]	0	0	0	0	0	0	60	0	0	60
Dpt. of Defense	0	0	0	5,863	4	0	1,070	0	0	6,936
United States	1,371,674	233,902	16,954	5,101,197	1,270,844	2,807,823	1,051,730	16,871,026	188,708	28,913,858

[1] Preliminary. Excludes all administrative and program evaluation costs. [2] Excludes $2.8 million for the Nutrition Education and Training Program, $9.3 million for the School Meals Initiative for Healthy Children, and $1.9 million for the Homeless Children Nutrition Program. [3] Excludes $10.5 million for the Farmers Market Nutrition Program. [4] Includes distribution of bonus and entitlement commodities to the National School Lunch, Child and Adult Care, Summer Food Service, Charitable Institutions, Summer Camps, Indian Reservations, Nutrition for the Elderly, Commodity Supplemental Food, and Disaster Feeding programs. Also includes cash-in-lieu of commodities for the National School Lunch, Child and Adult Care, and Nutrition for the Elderly programs. [5] Excludes Nutrition Assistance grants of $1,204 million for Puerto Rico, $5.1 million for the Northern Marianas, and $5.3 million for American Samoa. [6] Outlying Areas include the Northern Marianas and the former Trust Territories.

FNS, Program Information/Budget Division, (703) 305–2163.

Table 13-10.—Food and Nutrition Service Programs: Persons participating, fiscal years 1989–98 [1]

Fiscal year	National School Lunch Program [1]	School Breakfast Program [1]	Child and Adult Care Program [2]	Summer Food Service [3]	WIC Program [4]
	Thousands	*Thousands*	*Thousands*	*Thousands*	*Thousands*
1989	24,258	3,813	1,367	1,652	4,118
1990	24,133	4,069	1,490	1,690	4,517
1991	24,158	4,437	1,642	1,845	4,893
1992	24,606	4,918	1,872	1,922	5,403
1993	24,855	5,358	1,977	2,119	5,921
1994	25,281	5,835	2,187	2,207	6,477
1995	25,685	6,318	2,354	2,107	6,894
1996	25,944	6,584	2,415	2,206	7,188
1997	26,346	6,924	2,474	2,256	7,407
1998 [5]	26,610	7,143	2,601	2,304	7,367

[1] Average monthly participation (excluding summer months). [2] Average daily attendance (data reported quarterly). [3] Average daily attendance for peak month (July). [4] Average monthly participation. WIC is an abbreviation for the Special Supplemental Food Program for Women, Infants and Children. [5] Preliminary.

FNS, Program Information/Budget Division, (703) 305–2163.

Table 13-11.—Consumers' prices: Index number of prices paid for goods and services, United States, 1990–99 [1]

[1982–84=100]

Year	Food	Nonfood items					All items
		Apparel and upkeep	Housing		Transportation	Medical care	
			Total	Rent			
1990	132.4	124.1	128.5	145.5	120.5	162.8	130.7
1991	136.3	128.7	133.6	152.1	123.8	177.0	136.2
1992	137.9	131.9	137.5	157.3	126.5	190.1	140.3
1993	140.9	133.7	141.2	162.0	130.4	201.4	144.5
1994	144.3	133.4	144.8	167.0	134.3	211.0	148.2
1995	148.4	132.0	148.5	172.4	139.1	220.5	152.4
1996	153.3	131.7	152.8	178.0	143.0	228.2	156.9
1997	157.3	132.9	156.8	183.4	144.3	234.6	160.5
1998	160.7	133.0	160.4	189.6	141.6	242.1	163.0
1999	164.1	131.3	163.9	195.0	144.4	250.6	166.6

[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 1990 available from U.S. Department of Labor.

ERS, Food Markets Branch, (202) 694–5389. Compiled from data of the U.S. Department of Labor.

Table 13-12.—Food service: Sales by industry segment, 1992–98 [1]

Industry segment	1992 [2]	1993 [2]	1994 [2]	1995 [2]	1996 [2]	1997 [2]	1998 [3]
	Million dollars						
Commercial:							
Separate eating places—							
Fast-food outlets	80,015	87,142	90,566	95,035	97,913	100,851	102,387
Restaurants and lunchrooms	72,275	75,947	80,100	81,502	85,413	94,332	100,792
Cafeterias	3,644	3,878	4,143	4,273	4,319	3,619	3,771
Social caterers	1,222	1,193	1,141	1,251	1,299	1,480	1,975
Total	157,156	168,160	175,950	182,061	188,944	200,282	208,925
Lodging places	10,979	11,319	11,983	12,589	13,326	14,068	14,417
Retail hosts	11,399	12,516	13,700	15,230	16,541	17,481	18,819
Recreation and entertainment	7,660	8,244	8,714	9,486	10,280	11,190	12,455
Separate drinking places	1,639	1,620	1,519	1,594	1,657	1,711	1,872
Commercial feeding total	188,833	201,859	211,866	220,960	230,748	244,732	256,488
Noncommercial:							
Elementary and secondary	8,977	9,463	9,955	10,349	10,852	11,318	11,717
Colleges and universities	9,247	9,737	10,400	10,992	11,416	11,848	12,450
Total	18,224	19,200	20,355	21,341	22,268	23,166	24,167
Military services—							
Troop feeding	1,016	984	1,112	1,130	1,102	1,070	1,054
Clubs and exchanges	830	839	844	850	852	858	876
Total	1,846	1,823	1,956	1,980	1,954	1,928	1,930
Plants and office buildings	5,623	5,847	6,230	6,330	6,552	6,991	7,335
Hospitals	3,770	3,722	3,646	3,570	3,602	3,534	3,424
Extended care facilities	6,120	6,030	5,870	5,758	5,812	6,302	6,740
Vending	5,086	4,859	5,189	5,086	5,578	5,436	5,000
Transportation	5,154	4,711	4,428	4,101	4,201	4,640	4,852
Associations	1,247	1,356	1,442	1,578	1,682	1,758	1,905
Correctional facilities	2,532	2,470	2,710	3,050	3,072	3,276	3,470
Child daycare centers	1,278	1,393	1,522	1,675	1,745	1,937	2,076
Elderly feeding programs	165	154	177	172	169	174	173
Other	1,982	2,212	2,234	2,312	2,408	2,588	2,559
Noncommercial feeding total	53,027	53,777	55,759	56,953	59,043	61,730	63,631
Total	241,860	255,636	267,625	277,913	289,791	306,462	320,119

[1] Excludes sales tax and tips. [2] Revised based on new data. [3] Preliminary estimates.

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 1994–98, fruits for 1997, 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, 1995–98 [1]

Crop	Nitrogen	Phosphate	Potash
	Percent	*Percent*	*Percent*
1995:			
Corn	97	81	70
Cotton, Upland	87	56	40
Potatoes, Fall	99	98	89
Soybeans	17	22	25
Wheat, Winter	86	54	16
Wheat, Durum	92	78	10
Wheat, Other Spring	87	78	23
1996:			
Corn	98	85	73
Cotton, Upland	77	55	43
Potatoes, Fall	99	97	90
Soybeans	15	25	27
Wheat, Winter	86	51	4
Wheat, Durum	93	73	8
Wheat, Other Spring	89	79	24
1997:			
Corn	99	84	72
Cotton, Upland	90	67	58
Potatoes, Fall	100	98	91
Soybeans	20	28	33
Wheat, Winter	84	53	15
Wheat, Durum	95	77	8
Wheat, Other Spring	92	82	25
1998:			
Corn	99	70	21
Cotton, Upland	84	66	53
Potatoes, Fall	100	97	96
Soybeans	6	10	16
Wheat, Winter	98	86	86
Wheat, Durum	94	76	5
Wheat, Other Spring	87	77	25

[1] Refers to acres receiving one or more applications of a specific fertilizer ingredient. See tables 14-2 through 14-11 for surveyed States. Note: Acreage estimates are on page I–24 for corn, page II–1 for cotton, page III–13 for soybeans, and page I–1 for wheat.

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Table 14-2.—Corn: Pesticide usage, 1995–98 [1]

State and Year	Percent treated and amount applied			
	Herbicide [2]		Insecticide [3]	
	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Thousands*	*Percent*	*Thousands*
CO:.				
1998	90	1,595	29	530
DE:.				
1995	96	427	43	26
GA:.				
1995	89	712	19	88
IL:.				
1995	98	30,811	28	2,118
1996	99	34,223	27	2,143
1997	98	32,733	44	4,266
1998	94	31,723	31	1,996
IN:.				
1995	97	16,842	20	759
1996	98	18,856	35	1,466
1997	94	18,127	31	1,023
1998	99	18,373	45	1,595
IA:.				
1995	99	32,957	28	2,821
1996	99	36,109	17	1,779
1997	98	36,144	19	2,323
1998	98	31,911	18	1,534
KS:.				
1995	92	4,397	39	645
1996	94	5,784	40	515
1998	95	5,357	49	400
KY:.				
1995	94	3,537	15	56
1996	99	4,159	24	43
1998	99	4,174	*	*
MI:.				
1995	100	6,791	18	370
1996	98	7,250	21	318
1997	98	6,912	11	200
1998	97	5,740	17	299
MN:.				
1995	98	15,822	6	400
1996	97	17,819	13	614
1997	91	13,956	10	291
1998	97	14,248	10	353
MO:.				
1995	94	4,443	30	242
1996	98	7,547	27	492
1997	97	8,203	35	475
1998	95	7,718	44	291
NE:.				
1995	95	18,804	54	3,104
1996	98	19,817	51	3,068
1997	98	19,970	62	3,531
1998	93	19,459	44	1,667
NC:.				
1995	98	1,679	29	286
1996	97	2,565	37	376
1998	96	2,150	32	283
OH:.				
1995	98	10,233	17	419
1996	100	10,029	28	591
1997	100	12,971	18	711
1998	99	9,722	41	1,094
PA:.				
1995	93	4,169	29	295
1996	98	4,371	54	419
1998	97	4,436	44	262
SC:.				
1996	98	1,017	26	84
SD:.				
1995	92	4,691	7	153
1996	91	7,091	25	422
1997	93	6,346	10	317
1998	95	9,947	*	*
TX:.				
1995	91	2,840	58	843
1996	91	2,770	74	712
1998	94	2,520	68	1,191
WI:.				
1995	96	8,487	25	830
1996	93	7,570	37	1,176
1997	98	8,689	19	433
1998	97	7,939	24	593

[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). Note: Planted acres are on page I-24. * Insufficient number of reports to publish data.

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Table 14-3.—Corn: Fertilizer usage, 1995–98 [1]

State and Year	Percent treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Millions*	*Percent*	*Millions*	*Percenta*	*Millions*
CO:.						
1998	93	110.3	78	18.0	49	4.9
DE:.						
1995	90	13.2	87	8.7	78	11.8
GA:.						
1995	100	54.1	96	30.4	96	33.7
IL:.						
1995	99	1,543.1	83	635.3	84	902.9
1996	100	1,823.9	79	737.5	83	1,056.0
1997	99	1,689.5	87	747.9	87	1,046.8
1998	99	1,636.8	74	567.8	70	785.9
IN:.						
1995	97	691.6	89	324.4	82	476.1
1996	100	774.7	97	346.1	88	542.4
1997	100	876.7	96	410.9	82	525.9
1998	100	846.3	97	341.0	90	619.4
IA:.						
1995	97	1,364.6	77	534.5	76	643.0
1996	98	1,631.7	83	627.7	81	786.1
1997	99	1,464.3	75	575.4	75	668.0
1998	96	1,529.0	81	613.8	81	803.0
KS:.						
1995	99	306.1	70	59.1	24	18.4
1996	98	416.5	83	79.5	29	26.1
1998	100	514.3	83	101.4	21	21.6
KY:.						
1995	98	196.5	76	72.2	71	74.0
1996	98	186.9	86	87.2	89	94.1
1998	100	227.3	94	103.7	95	140.4
MI:.						
1995	99	306.8	85	104.8	85	215.1
1996	100	307.9	90	112.7	85	226.5
1997	100	309.2	91	117.9	94	263.8
1998	95	228.9	91	90.7	87	179.2
MN:.						
1995	96	755.6	87	294.1	85	367.5
1996	97	784.4	94	375.6	86	420.9
1997	97	750.9	79	270.4	81	309.6
1998	96	851.2	91	352.3	87	447.9
MO:.						
1995	98	234.3	73	63.6	68	84.4
1996	97	398.5	88	132.7	87	163.5
1997	100	447.1	84	131.3	84	176.4
1998	99	466.7	92	138.2	93	184.6
NE:.						
1995	99	1,097.2	68	167.4	29	39.3
1996	98	1,174.0	79	227.6	39	75.0
1997	100	1,313.1	80	205.2	26	33.3
1998	99	1,106.1	69	215.1	21	33.1
NC:.						
1995	98	169.2	93	61.6	92	62.5
1996	99	113.1	91	53.6	89	88.7
1998	98	105.1	92	42.2	91	76.1
OH:.						
1995	100	539.5	90	208.4	88	284.9
1996	100	425.4	97	245.8	86	244.0
1997	99	567.5	89	234.6	89	313.6
1998	100	587.5	96	243.0	74	310.3
PA:.						
1995	93	97.5	87	58.8	85	49.2
1996	97	112.2	79	67.0	75	43.6
1998	88	128.5	71	54.4	69	41.4
SC:.						
1996	100	46.0	97	21.8	100	42.3
SD:.						
1995	90	195.5	72	71.7	29	15.7
1996	88	312.3	77	105.7	39	31.8
1997	96	303.1	80	113.9	31	25.5
1998	94	305.9	78	117.4	25	21.5
TX:.						
1995	99	284.8	78	74.9	34	18.0
1996	99	284.5	79	61.6	43	25.4
1998	99	319.4	87	89.3	21	15.4
WI:.						
1995	97	283.0	94	149.1	92	209.3
1996	94	297.0	89	134.6	88	209.7
1997	98	285.2	97	154.0	93	244.1
1998	97	326.8	96	148.2	96	188.0

[1] Data not available for all States for all years. Note: Planted acres are on page I-24.

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Table 14-4.—Upland Cotton: Pesticide usage, 1995–98 [1]

State and Year	Percent treated and amount applied							
	Herbicide		Insecticide [2]		Fungicide		Other Chemicals	
	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Thousands*	*Percent*	*Thousands*	*Percent*	*Thousands*	*Percent*	*Thousands*
AL:.								
1997	100	1,667	85	469	17	22	69	482
1998	99	1,300	91	422	16	52	85	454
AZ:.								
1995	89	484	97	1,709	*	*	92	1,726
1996	75	357	89	1,029	**	**	71	1,703
1997	87	534	85	705	*	*	86	770
1998	95	426	91	677	4	6	97	947
AR:.								
1995	98	4,208	84	1,527	20	201	55	781
1996	99	2,750	93	1,303	28	157	91	1,206
1997	89	2,882	77	678	10	83	84	1,335
1998	93	2,119	98	886	19	71	93	1,490
CA:.								
1995	88	1,861	96	2,835	*	*	96	6,713
1996	90	1,856	97	2,031	*	*	95	5,180
1997	93	1,227	92	2,242	*	*	98	3,471
1998	99	879	98	800	*	*	99	1,611
GA:.								
1996	100	4,079	73	633	**	**	48	1,234
1997	100	4,623	90	895	**	**	85	4,397
1998	99	3,629	84	869	*	*	72	2,322
LA:.								
1995	98	2,400	98	3,176	17	71	70	752
1996	81	1,957	97	1,486	17	89	69	546
1997	90	2,331	85	1,789	19	85	66	469
1998	96	1,655	98	2,385	22	76	83	499
MS:.								
1995	98	6,234	93	5,691	30	350	91	1,951
1996	99	3,981	95	2,417	7	45	99	2,541
1997	100	3,124	100	3,972	30	447	97	1,556
1998	100	2,588	98	4,757	16	115	92	1,103
MO:.								
1997	100	839	71	210	*	*	99	573
NC:.								
1997	97	1,832	92	339	*	*	96	1,093
1998	95	1,494	92	363	9	30	89	909
SC:.								
1997	100	875	98	241	18	5	96	467
TN:.								
1996	100	1,889	89	505	33	97	87	732
1997	98	1,275	85	417	29	123	79	551
1998	100	1,127	97	1,297	37	61	93	547
TX:.								
1995	98	7,430	61	5,729	*	*	36	1,654
1996	90	5,692	68	5,832	*	*	39	2,064
1997	97	6,401	62	6,327	**	**	53	2,398
1998	93	6,989	47	2,833	*	*	45	2,113

[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. Note: Planted acres are on page II-1.

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Table 14-5.—Upland Cotton: Fertilizer usage, 1995–98 [1]

State and Year	Percent treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Millions*	*Percent*	*Millions*	*Percent*	*Millions*
AL:.						
1997	100	47.8	93	26.8	95	40.1
1998	99	38.3	94	27.3	94	35.5
AZ:.						
1995	95	66.9	34	8.1	*	*
1996	98	45.8	43	6.6	11	1.6
1997	99	41.8	29	5.2	4	0.6
1998	98	34.5	38	6.1	13	0.3
AR:.						
1995	97	114.6	74	39.4	85	75.1
1996	97	94.0	66	25.2	71	49.3
1997	92	67.2	83	42.5	91	57.6
1998	98	82.4	88	33.8	88	61.6
CA:.						
1995	99	193.3	40	29.5	21	17.8
1996	96	168.1	37	30.6	16	9.5
1997	96	122.7	25	13.4	26	16.7
1998	98	81.8	23	11.2	13	6.9
GA:.						
1996	99	139.3	99	76.7	97	139.1
1997	95	126.3	94	81.4	99	132.0
1998	96	119.6	90	71.3	92	123.4
LA:.						
1995	88	111.9	42	21.4	48	38.1
1996	91	60.1	64	25.7	67	39.5
1997	98	48.5	71	22.8	76	33.8
1998	99	47.9	69	15.5	73	29.8
MS:.						
1995	100	163.2	40	31.5	60	74.7
1996	98	110.4	27	14.0	56	63.4
1997	100	107.3	46	22.6	77	72.1
1998	97	98.5	51	27.6	67	62.9
MO:.						
1997	100	42.6	72	10.0	95	28.1
NC:.						
1997	92	38.4	64	16.6	85	56.8
1998	98	60.2	90	35.0	93	71.6
SC:.						
1997	100	26.8	100	15.8	100	34.2
TN:.						
1996	100	47.8	99	32.0	99	47.1
1997	100	44.8	99	27.4	99	42.9
1998	99	42.6	100	28.4	100	41.0
TX:.						
1995	79	312.4	63	151.8	32	31.1
1996	55	252.2	47	105.2	20	23.6
1997	82	280.9	62	126.3	29	25.8
1998	68	237.7	56	122.0	27	28.5

[1] Data not available for all States for all years. * Insufficient reports to publish data for one or more of the fertilizer nutrients. Note: Planted acres are on page II-1.

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Table 14-6.—Fall potatoes: Pesticide usage, 1995–98 [1]

State and Year	Percent treated and amount applied							
	Herbicide		Insecticide [2]		Fungicide		Other Chemicals	
	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Thousands*	*Percent*	*Thousands*	*Percent*	*Thousands*	*Percent*	*Thousands*
CO:.								
1995	89	223	65	21	94	140	26	2,192
ID:.								
1995	93	1,125	76	771	63	681	41	29,233
1996	90	1,131	73	649	85	1,089	39	30,529
1997	92	962	92	1,057	100	2,233	59	40,356
ME:.								
1995	96	43	100	66	100	629	93	358
1996	98	49	90	46	100	737	98	580
1997	96	39	97	68	99	641	96	1,609
MI:.								
1995	85	117	100	90	96	602	62	436
MN:.								
1995	66	94	90	95	100	567	71	669
1997	28	35	99	84	98	816	82	113
NY:.								
1995	86	52	93	68	91	211	65	16
ND:.								
1995	60	128	100	263	100	759	41	1,671
1997	63	134	77	161	99	1,232	36	22
OR:.								
1995	92	134	92	233	90	323	64	5,652
1997	94	142	85	178	93	346	69	8,306
PA:.								
1995	91	53	95	38	95	175	54	12
1998	90	36	99	32	99	152	69	5
WA:.								
1995	93	305	98	694	92	1,458	77	16,981
1996	93	322	94	485	85	986	72	12,064
1997	85	264	99	644	95	1,084	71	9,658
WI:.								
1995	94	100	97	214	100	1,000	89	2,654
1997	98	70	95	95	100	1,103	87	3,601
1998	96	85	97	119	99	1,065	91	2,538

[1] Data not available for all States for all years. [2] Amount applied excludes Bt (bacillus thurengiensis). Note: Planted acres are on page IV-22.

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Table 14-7.—Fall potatoes: Fertilizer usage, 1995–98 [1]

State and Year	Percent treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Millions*	*Percent*	*Millions*	*Percent*	*Millions*
CO:.						
1995	100	19.9	99	15.3	86	5.9
ID:.						
1995	100	98.6	100	73.7	84	42.5
1996	100	84.4	99	80.6	85	40.7
1997	100	103.6	97	72.3	88	41.7
ME:.						
1995	99	13.7	99	13.9	99	14.3
1996	100	13.0	99	13.4	100	13.6
1997	100	12.9	100	13.3	100	13.5
MI:.						
1995	100	10.3	98	6.7	100	13.3
MN:.						
1995	93	9.6	99	8.1	87	9.8
1997	96	11.9	99	6.1	97	6.6
NY:.						
1995	100	3.8	100	5.6	100	5.3
ND:.						
1995	100	20.1	94	10.2	89	13.4
1997	100	16.7	96	11.7	80	7.7
OR:.						
1995	98	12.2	96	9.2	87	7.5
1997	100	15.1	100	10.8	87	11.1
PA:.						
1995	98	2.4	95	2.0	95	2.5
1998	100	2.1	97	1.6	96	2.1
WA:.						
1995	100	44.1	99	36.3	91	32.4
1996	95	44.3	92	29.4	91	30.2
1997	100	47.9	99	42.6	98	31.6
WI:.						
1995	100	16.4	98	11.9	100	27.5
1997	100	15.0	100	9.5	100	22.2

[1] Data not available for all states for all years. Note: Planted acres are on page IV-22.
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Table 14-8.—Soybeans: Pesticide usage, 1995–98 [1]

State and Year	Percent treated and amount applied [2]			
	Herbicide		Insecticide [3]	
	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Thousands*	*Percent*	*Thousands*
AR:.				
1995	91	3,564	**	**
1996	92	4,491	*	*
1997	97	5,019	*	*
1998	75	3,058	4	37
DE:.				
1997	78	314	*	*
GA:.				
1995	87	245	34	69
IL:.				
1995	98	10,181	**	**
1996	97	10,670	**	**
1997	98	11,136	*	*
1998	95	11,354	*	*
IN:.				
1995	99	6,019	*	*
1996	97	5,845	*	*
1997	99	7,062	**	**
1998	98	5,798	**	**
IA:.				
1995	100	8,936	**	**
1996	99	10,821	*	*
1997	99	13,691	**	**
1998	100	11,866	**	**
KS:.				
1997	94	2,947	*	*
1998	95	2,156	*	*
KY:.				
1995	98	1,377	**	**
1997	91	1,460	*	*
1998	98	1,239	*	*
LA:.				
1995	95	1,394	38	241
1996	94	1,645	32	161
1997	90	1,843	29	331
1998	89	1,442	32	217
MI:.				
1997	98	2,452	**	**
1998	98	2,620	*	*
MN:.				
1995	99	5,471	**	**
1996	98	7,826	**	**
1997	96	6,902	**	**
1998	97	6,071	*	*
MS:.				
1995	99	2,587	*	*
1996	99	2,287	*	*
1997	98	2,453	*	*
1998	100	2948	6	33
MO:.				
1995	94	4,918	*	*
1996	98	5,373	*	*
1997	94	5,521	**	*
1998	92	6,152	**	**
NE:.				
1995	96	3,001	*	*
1996	99	3,459	*	*
1997	99	4,093	*	*
1998	88	4,226	*	*
NC:.				
1995	91	1,228	10	17
1997	98	1,625	35	130
1998	84	1,440	3	20
OH:.				
1995	98	5,923	*	*
1996	98	5,692	*	*
1997	99	5,307	*	*
1998	99	5,435	*	*
PA:.				
1997	86	661	**	**
SD:.				
1997	90	3,059	*	*
1998	96	3,706	*	*
TN:.				
1995	100	1,595	*	*
1996	100	1,770	*	*
1997	100	1,664	*	*
1998	98	1,926	*	*
WI:.				
1996	99	750	*	*
1997	100	998	**	**

[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. Note: Planted acres are on page III-13.

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Table 14-9.—Soybeans: Fertilizer usage, 1995–98 [1]

State and Year	Percent treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Millions*	*Percent*	*Millions*	*Percent*	*Millions*
AR:.						
1995	16	25.5	28	47.9	30	66.5
1996	9	8.2	45	76.4	43	90.5
1997	6	9.3	29	60.8	30	71.4
1998	5	8.6	29	65.3	29	75.4
DE:.						
1997	37	1.5	38	3.8	29	5.7
GA:.						
1995	61	6.0	67	10.8	66	13.0
IL:.						
1995	17	39.4	26	184.9	31	337.5
1996	15	32.4	23	128.3	34	329.6
1997	11	12.6	23	160.3	34	352.5
1998	7	17.2	12	78.7	24	321.4
IN:.						
1995	16	16.7	21	46.1	34	181.6
1996	23	37.9	33	79.1	44	240.7
1997	16	40.8	22	65.2	36	213.0
1998	15	25.0	26	70.4	51	255.3
IA:.						
1995	10	26.4	11	44.0	12	74.0
1996	8	19.5	12	55.2	14	99.3
1997	16	30.4	23	129.3	25	205.4
1998	10	20.4	13	62.1	14	79.0
KS:.						
1997	20	12.1	18	14.8	15	18.9
1998	16	7.5	21	16.6	11	8.3
KY:.						
1995	41	15.0	46	32.6	46	40.1
1997	32	22.7	42	36.9	41	59.4
1998	35	17.0	58	58.9	63	73.3
LA:.						
1995	5	1.7	16	7.2	16	9.9
1996	4	0.7	36	17.1	34	26.0
1997	13	5.8	23	13.8	23	21.3
1998	3	0.4	25	12.0	26	19.4
MI:.						
1997	63	21.3	49	49.9	71	100.9
1998	72	24.3	73	54.6	75	99.5
MN:.						
1995	15	61.8	15	44.8	17	77.0
1996	10	9.2	14	38.4	10	42.9
1997	16	15.2	20	55.6	22	141.5
1998	18	27.5	17	38.1	9	33.1
MS:.						
1995	6	1.5	16	13.8	22	24.6
1996	11	2.5	18	14.0	17	19.4
1997	16	5.4	23	25.5	26	48.4
1998	5	2.1	10	10.0	16	23.2
MO:.						
1995	13	34.3	20	50.8	20	74.4
1996	23	20.5	25	54.9	28	81.3
1997	15	17.2	28	60.4	35	136.2
1998	24	25.9	47	119.8	53	198.2
NE:.						
1995	20	25.4	16	18.4	11	4.6
1996	28	10.2	50	64.4	11	5.3
1997	31	19.5	31	45.9	16	11.3
1998	22	12.1	19	27.0	8	7.3
NC:.						
1995	44	21.1	42	21.7	46	45.8
1997	52	46.7	67	36.8	77	103.3
1998	36	12.4	34	19.4	39	47.3
OH:.						
1995	23	13.1	29	58.8	37	126.6
1996	20	30.4	24	50.1	36	164.8
1997	16	11.9	26	56.8	60	308.4
1998	19	16.5	29	71.9	42	179.3
PA:.						
1997	53	3.4	55	8.7	59	19.5
SD:.						
1997	35	43.3	34	42.2	18	14.5
1998	32	29.7	32	38.1	11	2.9
TN:.						
1995	19	6.8	36	21.9	36	26.1
1996	27	12.8	43	27.5	53	51.5
1997	29	7.4	48	33.1	52	52.6
1998	19	4.5	36	20.7	39	29.4
WI:.						
1997	53	8.2	54	11.7	69	56.0

[1] Data not available for all States for all years. Note: Planted acres are on page III-13.
NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

Table 14-10.—Wheat: Pesticide usage, 1995–98 [1]

State and Year	Percent treated and amount applied [2]			
	Herbicide		Insecticide [3]	
	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Thousands*	*Percent*	*Thousands*
Winter.				
CA:.				
1998	47	146	*	*
CO:.				
1995	51	422	*	*
1996	61	756	11	139
1997	64	803	13	321
1998	61	610	*	*
GA:.				
1998	38	80	*	*
ID:.				
1995	90	446	*	*
1996	80	433	**	**
1997	98	631	**	**
1998	88	495	*	*
IL:.				
1995	26	16	*	*
1997	40	16	**	**
1998	47	17	*	*
KS:.				
1995	61	1,095	*	*
1996	47	1,304	7	212
1997	31	819	**	**
1998	35	1,620	**	**
LA:.				
1998	*	*	*	*
MS:.				
1998	55	78	*	*
MO:.				
1995	6	14	**	**
1997	33	67	**	**
1998	28	12	**	**
MT:.				
1995	99	685	*	*
1996	93	1,385	*	*
1997	88	1,089	*	*
1998	89	889	**	**
NE:.				
1995	53	235	**	**
1996	61	332	*	*
1997	53	189	**	**
1998	52	320	*	*
NC:.				
1998	60	92	13	11
OH:.				
1995	16	51	*	*
1997	20	56	**	**
1998	13	75	**	**
OK:.				
1995	50	278	17	255
1996	35	655	27	391
1997	38	435	13	234
1998	42	827	6	89
OR:.				
1995	98	513	*	*
1996	99	503	*	*
1997	100	516	*	*
1998	100	415	*	*
PA:.				
1997	21	8	*	*
SD:.				
1995	63	368	*	*
1996	65	390	*	*
1997	89	383	**	**
1998	88	589	*	*
TX:.				
1995	32	218	23	253
1996	27	319	38	447
1997	24	181	18	351
1998	27	435	7	177
WA:.				
1995	93	1,067	**	**
1996	96	1,304	**	**
1997	98	1,584	*	*
1998	97	1,718	*	*
Durum.				
ND:.				
1995	96	1,821	*	*
1996	98	2,087	*	*
1997	93	2,221	2	12
1998	98	2,631	*	*
Other.				
Idaho:.				
1998	95	392	*	*
MN:.				
1995	97	1,410	*	*
1996	96	1,547	*	*
1997	94	1,434	*	*
1998	97	1,396	11	65
MT:.				
1995	90	2,118	**	**
1996	76	2,122	**	**
1997	94	3,254	*	*
1998	81	1,816	*	*
ND:.				
1995	94	4,165	*	*
1996	92	6,170	*	*
1997	88	4,583	*	*
1998	98	4,053	7	176
OR:.				
1998	98	87	**	**
SD:.				
1995	97	431	**	**
1997	86	886	**	**
1998	73	698	*	*
WA:.				
1998	100	552	*	*

[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. Note: Planted acres are on page I-2.

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Table 14-11.—Wheat: Fertilizer usage, 1995–98 [1]

State and Year	Percent treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Millions*	*Percent*	*Millions*	*Percent*	*Millions*
Winter.						
CO:.						
1995	62	81.0	23	16.7	*	*
1996	77	70.2	38	18.0	*	*
1997	68	69.0	39	18.7	*	*
1998	78	108.5	33	22.2	4	0.7
GA:.						
1998	98	27.7	90	12.3	86	17.2
ID:.						
1995	94	81.8	69	21.7	8	1.1
1996	97	96.2	48	22.1	15	5.0
1997	98	105.4	62	19.4	11	4.3
1998	97	93.6	67	20.6	23	7
IL:.						
1995	95	121.7	84	89.2	71	89.9
1997	91	103.8	69	62.1	77	86.9
1998	98	119.9	82	78.5	70	94.7
KS:.						
1995	90	560.7	61	215.8	7	25.0
1996	94	461.6	65	162.3	*	*
1997	78	509.0	56	186.8	8	19.5
1998	92	596.7	74	248.3	13	50.7
LA:.						
1998	91	9.2	32	1.6	30	1.8
MS:.						
1998	100	22.2	14	1.4	14	1.7
MO:.						
1995	88	109.2	65	42.5	67	57.1
1997	92	98.2	81	45.4	70	49.4
1998	98	138.4	86	51.1	86	74.9
MT:.						
1995	89	69.7	82	31.3	29	4.7
1996	82	84.7	80	46.9	12	4.3
1997	95	64.5	78	31.4	23	4.3
1998	90	67.9	88	30.7	31	5.1
NE:.						
1995	80	80.0	42	27.3	*	*
1996	86	78.6	51	34.8	*	*
1997	92	94.6	74	47.8	*	*
1998	85	69.9	59	25.3	12	1
NC:.						
1998	91	63.9	76	24.1	84	53.8
OH:.						
1995	100	102.6	93	72.3	92	79.1
1997	100	93.1	92	63.7	98	87.6
1998	100	106.9	93	66.8	94	80.2
OK:.						
1995	96	356.3	58	96.3	12	10.3
1996	75	199.2	45	70.8	11	26.1
1997	90	317.5	47	83.6	7	6.4
1998	95	381.0	64	130.8	15	10.7
OR:.						
1995	98	55.9	17	4.5	10	2.1
1996	100	65.0	10	2.5	5	1.1
1997	100	75.3	15	4.7	*	*
1998	99	57.8	9	1.7	1	10.7
PA:.						
1997	81	7.3	60	5.2	59	5.2
SD:.						
1995	53	30.3	43	20.6	*	*
1996	78	60.8	65	29.2	*	*
1997	78	38.7	58	15.3	*	*
1998	94	79.7	92	36.6	*	*
TX:.						
1995	73	172.6	36	38.3	9	3.9
1996	78	183.6	31	39.4	*	*
1997	78	267.2	36	49.1	16	10.8
1998	75	337.2	50	111.7	22	24.6
WA:.						
1995	96	158.1	30	12.9	10	6.4
1996	100	194.9	25	12.2	10	5.4
1997	98	145.4	34	16.5	12	7.6
1998	100	155.8	30	14.7	10	3.8
Durum.						
ND:.						
1995	92	177.8	78	54.8	10	4.6
1996	93	168.6	73	50.9	8	4.9
1997	95	170.9	77	48.7	8	4.1
1998	98	175.0	79	49.0	3	1.7

See footnotes at end of table.

Table 14-11.—Wheat: Fertilizer usage, 1995–98 [1]—Continued

State and Year	Percent treated and amount applied					
	Nitrogen		Phosphate		Potash	
	Area applied	Pounds applied	Area applied	Pounds applied	Area applied	Pounds applied
	Percent	*Millions*	*Percent*	*Millions*	*Percent*	*Millions*
Other.						
ID:.						
1998	96	59.4	83	17.9	33	2.9
MN:.						
1995	95	177.7	90	74.7	72	43.2
1996	98	227.0	87	82.1	48	33.8
1997	98	209.1	91	77.4	73	73.9
1998	100	166.5	97	65.3	64	37.8
MT:.						
1995	78	118.2	72	64.8	17	10.8
1996	83	173.5	78	89.6	9	3.6
1997	79	153.5	66	68.2	15	10.2
1998	61	129.6	55	64.5	22	10.3
ND:.						
1995	88	458.8	80	198.0	14	16.0
1996	90	582.9	78	227.4	24	46.0
1997	99	621.8	92	248.3	24	43.8
1998	97	472.8	87	166.8	20	9.0
SD:.						
1995	95	57.8	68	22.2	12	2.2
1997	90	140.2	70	61.6	*	*
1998	84	92.2	66	45.0	11	5.7

[1] Data not available for all States for all years. * Insufficient number of reports to publish data. Note: Planted acres are on page I-2.

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Table 14-12.—Vegetables: Percent of acres receiving applications, for surveyed States, 1998[1]

Crop	Nitrogen	Phosphate	Potash	Herbicide	Insecticide	Fungicide
	Percent					
Asparagus	80	29	44	81	67	39
Beans, Lima, Fresh	100	100	100	85	22	*
Beans, Lima, Processing	80	55	55	67	82	26
Beans, Snap, Fresh	96	94	93	32	80	74
Beans, Snap, Processing	99	92	90	92	80	46
Broccoli	88	56	61	44	77	23
Cabbage, Fresh	98	89	91	72	96	43
Cabbage, Processing	100	91	98	95	100	17
Carrots, Fresh	96	68	35	92	42	64
Carrots, Processing	94	79	74	88	45	60
Cauliflower	100	82	92	56	95	21
Celery	99	95	98	85	97	98
Corn, Sweet, Fresh	97	91	84	81	86	21
Corn, Sweet, Processing	98	87	78	94	74	10
Cucumbers, Fresh	98	67	95	32	64	75
Cucumbers, Processing	98	81	90	77	38	36
Eggplant	94	45	94	73	85	82
Lettuce, Head	94	80	61	52	95	85
Lettuce, Other	97	83	69	54	95	88
Melons, Cantaloupe	95	64	23	44	66	53
Melons, Honeydew	96	82	19	33	78	54
Melons, Watermelon	97	87	82	46	45	71
Onions, Bulb	99	92	79	85	78	86
Peas, Green, Processing	72	65	63	94	38	**
Peppers, Bell	98	79	92	69	87	72
Spinach, Fresh	99	91	71	41	80	46
Spinach, Processing	96	91	70	90	100	40
Strawberries	96	84	85	35	89	91
Tomatoes, Fresh	99	73	88	57	92	94
Tomatoes, Processing	98	83	53	86	82	96

[1] Refers to acres receiving one or more applications of a specific agricultural chemical. * Insufficient number of reports to publish data. ** No reports received for this pesticide class.

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Table 14-13.—Fruits: Percent of acres receiving applications, for surveyed States, 1997 [1]

Crop	Herbicide	Insecticide	Fungicide
	Percent		
Apples	60	96	90
Apricots	30	62	52
Avocados	44	33	12
Blackberries	94	79	87
Blueberries	67	83	88
Cherries, Sweet	61	84	80
Cherries, Tart	78	98	99
Dates	**	4	18
Figs	48	1	*
Grapefruit	91	91	71
Grapes	75	60	87
Kiwifruit	41	20	15
Lemons	78	73	66
Limes	98	100	100
Nectarines	73	82	79
Olives	53	16	30
Oranges	91	88	65
Peaches	54	82	84
Pears	57	90	85
Plums	74	85	69
Prunes	48	71	58
Raspberries	90	90	95
Tangelos	96	97	91
Tangerines	80	79	56
Temples	96	98	94

[1] Refers to acres receiving one or more applications of a specific agricultural chemical. * Insufficient number of reports to publish data. ** No reports received for this pesticide class.

NASS, Environmental, Economics, and Demographics Branch, (202) 720–3570.

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 1989–99

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*
1989	340,859	29,471	12	462,551	16,426	11,635	4,791	39	71	17,836
1990	366,279	40,365	11	480,661	22,705	17,093	5,611	42	75	23,272
1991	394,291	37,780	10	486,308	22,728	17,281	5,447	46	76	20,499
1992	425,947	42,625	10	512,879	24,488	18,693	5,795	44	76	23,932
1993	433,373	42,879	10	562,038	24,634	19,090	5,544	45	77	23,709
1994	469,272	43,960	9	631,162	26,603	20,392	6,211	46	77	23,568
1995	534,248	54,725	10	728,886	29,865	21,402	8,463	39	72	33,323
1996	574,646	59,891	10	795,289	32,577	24,402	8,175	41	75	35,489
1997	629,317	57,365	9	865,346	35,798	26,691	9,107	47	75	30,674
1998	639,556	53,730	8	895,900	37,007	27,778	9,229	52	75	25,952
1999 [4]	635,754	49,102	8	976,258	37,447	29,366	8,080	60	78	19,736

[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.

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Table 15-2.—Agricultural exports: Quantity Indexes, United States, fiscal years 1989–99

[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
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	122	151	217	112	81	251	87	118	108	101	178
1994	117	173	246	110	75	345	122	101	92	84	186
1995	148	214	305	144	69	475	154	101	122	121	197
1996	145	235	349	115	63	581	127	112	113	106	198
1997	145	234	340	87	46	633	123	122	96	119	209
1998	146	254	386	112	56	667	119	107	90	129	208
1999 [4]	142	245	385	115	53	597	69	105	107	118	206

[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.

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Table 15-3.—Agricultural imports: Quantity indexes, United States, fiscal years 1989–99

[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
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	114	116	113	98	115	62	90	93	165	136	132	164
1994	117	110	121	98	131	62	93	87	253	170	137	135
1995	113	105	117	96	124	62	84	85	225	163	132	95
1996	122	117	125	88	124	62	82	71	220	164	230	115
1997	133	122	139	92	124	62	91	53	264	196	248	151
1998	137	127	143	99	129	62	98	67	270	213	183	107
1999 [5]	142	134	147	108	164	62	112	34	285	192	143	97

[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.

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Table 15-4.—U.S. food aid under specified Government programs, year ending Sept 30, 1999

Commodity	Public Law 480			Section 416(b)[4]	Food for progress			Commodity totals
	Title I[1]	Title II[2]	Title III[3]		Title I[5]	Section 416(b)[6]	CCC Purchases[7]	
	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*
Beans	0	45	0	0	8	0	8	61
Beef	27	0	0	68	0	0	0	95
Bulgur	0	89	0	0	0	0	0	89
Corn	578	192	0	269	0	0	4	1,042
Corn Soy Blend	0	326	0	0	0	0	2	328
Cornmeal	0	39	0	5	0	0	0	44
Lentils	0	30	0	0	7	0	0	37
Peas	0	29	0	0	9	0	0	38
Poultry	56	0	0	0	0	0	2	58
Pork	0	0	0	0	50	0	0	50
Rice	336	200	0	0	14	0	34	584
Nonfat Dry Milk	0	0	0	23	30	0	1	54
Salmon	0	0	0	0	3	0	0	3
Seeds	0	0	0	0	15	0	0	15
Sorghum	12	65	0	0	0	0	0	76
Soybean Meal	433	0	0	0	10	0	30	473
Soybeans	231	0	0	0	8	0	0	239
S. F. Bulgar	0	42	0	0	0	0	0	42
S. F. Cornmeal	0	16	0	0	0	0	0	16
S. F. Sorghum Grits	0	12	0	0	0	0	0	12
Tallow	8	0	0	0	0	0	2	10
Vegetable Oil	5	226	0	0	49	0	30	309
Wheat	229	211	116	4,682	50	0	45	5,334
Wheat Flour	0	99	0	462	0	0	3	563
Wheat Seed	0	0	0	0	0	0	2	2
Wheat Soy Blend	0	7	0	0	0	0	0	7
Whole Dry Milk	0	0	0	0	0	0	2	2
1Program Totals	1,915	1,627	116	5,509	252	0	164	9,583

[1] P.L. 480 Title I - Based on Program Summary as of September 25, 1999, and the food assistance package announced by the Secretary of Agriculture on Nov. 6, 1998. The total does not reflect ocean freight financing of $66.9 million. [2] P.L. 480, Title II - Based on Approved Program Summary Country/Sponsor/Commodity Profile as of October 4, 1999. For Title II the total does not reflect ocean freight costs of $386.1 million. [3] P.L. 480, Title III: Based on Approved Program Summary Country/Sponsor/Commodity Profile as of October 4, 1999. The total does not reflect freight cost. [4] Section 416 (b): Regular 416 - Based on 416(b) Status Report as of November 4, 1999. [5] Food for Progress: Title I - Based on P.L. 480, Title I Program Summary as of September 25, 1999. The total does not reflect oceans freight grants of $27.1 million. [6] Section 416 (b) - Based on 416(b) Status Report as of November 4, 1999. [7] CCC Purchases - Based on Extel Database as of November 4, 1999.

FAS, CCC Program Support Division, (202) 720–9843.

Table 15-5.—U.S. food aid under specified Government programs, year ending Sept 30, 1999

Commodity	Public Law 480			Section 416(b)[4]	Food for progress			Commodity totals
	Title I[1]	Title II[2]	Title III[3]		Title I[5]	Section 416(b)[6]	CCC Purchases[7]	
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000*	*1,000*	*1,000*
Beans	0	22,973	0	0	4,097	0	5,223	32,293
Beef	86,750	0	0	0	0	0	0	86,750
Bulgur	0	15,903	0	15,501	0	0	0	31,403
Corn	54,095	22,011	0	28,693	0	0	403	105,201
Corn Soy Blend	0	88,699	0	0	0	0	383	89,082
Cornmeal	0	7,546	0	1,281	0	0	0	8,826
High Energy Biscuit	0	1,020	0	0	0	0	0	1,020
Lentils	0	9,877	0	0	3,389	0	135	13,401
Nonfortified Dry Milk	0	0	0	51,385	68,348	0	2,266	121,999
Peas	0	6,897	0	0	3,354	0	182	10,434
Poultry	30,000	0	0	0	0	0	0	30,000
Pork	0	0	0	0	88,465	0	0	88,465
Rice	98,063	69,726	0	0	5,483	0	13,493	186,765
Salmon	0	0	0	0	6,935	0	3,150	10,085
Seeds	0	0	0	0	17,907	0	0	17,907
Sorghum	1,000	7,160	0	0	0	0	0	8,160
Soybean Meal	73,491	0	0	0	1,754	0	5,398	80,642
Soybeans	42,546	0	0	0	1,528	0	0	44,073
S. F. Bulgur	0	8,004	0	0	0	0	0	8,004
S. F. Cornmeal	0	3,582	0	0	0	0	0	3,582
S. F. Sorghum Grits	0	2,903	0	0	0	0	0	2,903
Tallow	3,160	0	0	0	0	0	500	3,660
Vegetable Oil	2,073	171,726	0	0	27,828	0	26,476	228,104
Wheat	29,198	33,549	13,699	605,973	6,650	0	5,990	695,060
Wheat Flour	0	21,925	0	90,812	0	0	580	113,317
Wheat seed	0	0	0	0	0	0	1,000	1,000
Wheat Soy Blend	0	2,835	0	0	0	0	69	2,904
Whole Dry Milk	0	0	0	0	0	0	5,875	5,875
1Program Totals	420,376	496,336	13,699	793,644	235,736	0	71,123	2,030,914

[1] P.L. 480 Title I - Based on Program Summary as of September 25, 1999, and the food assistance package announced by the Secretary of Agriculture on Nov. 6, 1998. The total does not reflect ocean freight financing of $66.9 million. [2] P.L. 480, Title II - Based on Approved Program Summary Country/Sponsor/Commodity Profile as of October 4, 1999. For Title II the total does not reflect ocean freight costs of $386.1 million. [3] P.L. 480, Title III: Based on Approved Program Summary Country/Sponsor/Commodity Profile as of October 4, 1999. The total does not reflect freight cost. [4] Section 416 (b): Regular 416 - Based on 416(b) Status Report as of November 4, 1999. [5] Food for Progress: Title I - Based on P.L. 480, Title I Program Summary as of September 25, 1999. The total does not reflect oceans freight grants of $27.1 million. [6] Section 416 (b) - Based on 416(b) Status Report as of November 4, 1999. [7] CCC Purchases - Based on Extel Database as of November 4, 1999.

FAS, CCC Program Support Division, (202) 720–9843.

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 1997 and 1998 [1]

Country	Cotton	Feed Grains	Rice	Oilseeds/ Meal	Tallow	Vegetable Oils	Wheat and Flour	Total
	1997 (year ending Sept. 30, 1997)							
	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	...	...	...	...	...	4,448	3,182	7,630
Armenia	...	...	...	...	...	...	11,304	11,304
Bolivia	...	...	...	...	...	...	4,022	4,022
Congo	...	...	4,988	...	...	2,970	...	7,958
Cote D'Ivoire	...	...	9,952	...	...	...	...	9,952
El Salvador	...	...	...	3,073	3,464	2,567	...	9,104
Georgia	...	...	...	...	...	...	8,496	8,496
Guyana	...	...	...	...	...	...	5,937	5,937
Jamaica	...	...	6,535	...	...	...	...	6,535
Jordan	...	...	7,843	...	...	...	19,842	27,685
Moldova	...	...	5,616	...	...	...	6,198	11,813
Pakistan	...	...	...	9,906	...	...	...	9,906
Philippines	...	...	4,967	...	...	...	...	4,967
Sri Lanka	...	...	...	...	...	...	9,934	9,934
Suriname	...	...	...	...	...	...	543	543
Ukraine	...	...	...	9,241	...	...	...	9,241
Total	...	...	39,902	22,220	3,464	9,985	69,459	145,029
	1998 (year ending Sept 30, 1998)							
Angola	...	...	...	...	...	...	3,775	3,775
Armenia	...	...	...	...	...	...	13,089	13,089
Bolivia	...	...	...	...	...	...	9,930	9,930
Cote D'Ivoire	...	...	9,999	...	...	...	...	9,999
El Salvador	...	...	...	...	...	2,315	...	2,315
Eritrea	...	2,000	...	...	...	...	7,985	9,985
Georgia	...	...	...	...	...	...	11,555	11,555
Guyana	...	...	...	381	...	...	6,418	6,799
Jamaica	...	...	9,368	...	...	...	...	9,368
Jordan	...	...	...	...	...	...	17,352	17,352
Lithuania	...	...	...	7,645	...	...	...	7,645
Nicaragua	...	...	...	...	...	1,700	5,546	7,245
Pakistan	...	...	...	9,104	...	...	24,687	33,791
Sri Lanka	...	...	...	...	...	...	9,932	9,932
Ukraine	9,073	...	...	...	...	...	...	9,073
Zimbabwe	...	...	...	...	...	...	3,360	3,360
Total	9,073	2,000	19,367	17,131	...	4,014	113,627	165,213

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.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1995–99 [1]

Product	1995	1996	1997	1998	1999 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
All commodities	534,248,200	574,645,500	629,317,100	639,555,800	635,753,900
Nonagricultural commodities	479,523,051	514,754,966	571,951,984	585,825,602	586,651,815
Agricultural commodities	54,725,149	59,890,534	57,365,116	53,730,198	49,1 02,085
Animals and animal products [3]	10,730,186	11,402,719	11,292,010	11,067,624	9,951,471
Animals, live excluding poultry	396,703	439,593	507,943	537,784	508,565
Cattle	114,835	108,352	160,196	162,957	132,069
Other	281,868	331,241	347,747	374,827	376,496
Dairy products	806,409	735,830	868,740	925,058	897,498
Butter and anhydrous milkfat	85,331	33,209	19,562	13,532	3,115
Cheese and curd	86,540	100,831	115,996	121,318	126,772
Milk, condensed, or evaporated	8,806	35,435	6,651	7,814	3,674
Milk, nonfat dry	138,919	56,883	82,113	152,854	134,229
Other	486,813	509,472	644,418	629,540	629,708
Fats, oils and greases	841,529	674,301	542,873	655,206	561,107
Lard and other rendered pig fat	43,040	35,060	40,567	36,229	37,029
Tallow, inedible	588,636	456,025	350,960	461,011	350,602
Other	209,853	183,215	151,345	157,966	173,477
Meats and meat preparations	4,362,478	4,746,638	4,438,074	4,507,334	4,459,976
Beef and veal, except offals	2,567,600	2,606,582	2,390,889	2,380,903	2,511,684
Pork, except offals	812,117	992,548	999,752	1,066,814	978,824
Offals, edible, variety meats	688,492	778,284	638,512	671,771	672,494
Others	294,269	369,224	408,920	387,846	296,975
Poultry and poultry products	2,208,254	2,727,232	2,867,933	2,707,351	2,049,891
Poultry, live:					
Breeding chicks	98,015	94,300	96,620	98,824	95,991
Baby chicks, excluding breeding	7,833	3,570	3,324	1,207	2,068
Other	15,444	10,399	14,196	16,957	14,495
Poultry meat; fresh, frozen:					
Chickens	1,557,807	2,000,319	2,007,052	1,865,347	1,382,795
Turkeys	157,139	197,037	278,698	226,539	165,667
Other	18,700	13,142	9,135	11,332	10,275
Eggs	165,595	208,328	213,602	224,042	179,183
Other	187,721	200,137	245,306	263,103	199,417
Hides and skins, including furskins	1,738,410	1,677,193	1,693,201	1,358,335	1,108,454
Cattle hides, whole	1,405,999	1,175,798	1,232,469	969,325	843,721
Furskins	125,318	173,802	166,831	161,065	123,749
Other	207,093	327,593	293,901	227,945	140,984
Other animal products	376,403	401,932	373,246	376,556	365,980
Hair, animal, excluding wool or fine hair	2,486	2,965	3,559	2,848	4,193
Sausage casings	39,136	46,466	56,117	61,184	66,262
Wool, unmanufactured, including fine hair	42,177	23,435	16,554	11,910	20,536
Other	292,604	329,066	297,016	300,614	274,989
Non-animal products [2]	43,994,963	48,487,815	46,073,106	42,662,574	39,150,614
Cotton, unmanufactured	3,496,438	3,028,083	2,737,264	2,537,336	1,323,356
Cotton, raw	3,465,653	2,999,683	2,710,535	2,517,288	1,309,191
Linters	30,785	28,400	26,729	20,048	14,165
Fruits and preparations	3,255,642	3,313,239	3,418,225	3,217,857	3,282,011
Canned	133,998	138,494	134,389	143,542	145,932
Dried	383,415	380,156	384,754	390,018	387,580
Fresh	1,960,860	1,982,133	2,083,766	1,857,835	1,843,137
Fruit juices	614,566	646,265	658,290	652,983	735,030
Other	162,803	166,191	157,026	173,479	170,332
Nuts and preparations	1,349,321	1,582,410	1,501,401	1,411,661	1,258,309
Grains and feeds	17,432,008	21,399,057	16,367,522	13,960,820	14,271,853
Feed grains and products	7,594,627	9,552,055	7,166,497	5,187,463	5,820,825
Feed grain	7,411,379	9,337,941	6,928,307	4,990,045	5,607,268
Barley	164,014	227,975	168,321	141,515	72,539
Corn	6,619,419	8,369,276	6,114,384	4,261,466	5,038,542
Grain sorghum	625,558	735,303	641,923	582,774	492,893
Oats	2,296	5,255	3,506	4,134	3,126
Rye	92	133	172	157	167
Other	183,248	214,114	238,190	197,418	213,557
Rice	1,048,300	1,001,389	959,322	1,131,632	1,010,457
Wheat and products	5,250,586	7,081,646	4,320,346	3,953,271	3,913,254
Wheat	4,952,666	6,879,133	4,117,399	3,758,840	3,648,219
Wheat flour	246,124	146,621	140,736	116,782	176,904
Other wheat products	51,796	55,892	62,211	77,649	88,131
Blended food products	71,608	74,955	94,052	77,581	81,943
Other	968,559	1,055,906	1,139,042	1,189,669	1,193,395
Feeds and fodders, excluding oilcake and meal	2,498,328	2,633,106	2,688,263	2,421,204	2,251,979
Corn byproducts	864,111	950,330	870,758	691,437	566,596
Alfalfa meal and cubes	36,011	49,433	48,567	43,717	39,504
Other	1,598,206	1,633,343	1,768,938	1,686,050	1,645,879

See footnotes at end of table.

Table 15-7.—Foreign trade in agricultural products: Value of exports by principal groups, United States, fiscal years 1995–99 [1]—Continued

Product	1995	1996	1997	1998	1999 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
Non-animal products--Continued					
Oilseeds and products	8,932,888	9,537,789	11,287,885	10,983,769	8,606,156
Oilcake and meal	1,152,905	1,353,442	1,794,530	1,974,755	1,100,772
Soybean oilseed cake and meal	991,423	1,231,511	1,688,562	1,914,405	1,028,476
Other	161,482	121,931	105,968	60,350	72,296
Oilseeds	5,856,913	6,841,711	7,875,162	6,817,706	5,690,451
Soybeans	5,274,426	6,312,093	6,950,019	6,116,765	4,747,528
Other	288,650	240,293	269,794	311,287	339,313
Protein substances	293,836	289,325	655,349	389,654	603,610
Vegetable oils and waxes	1,923,070	1,342,636	1,618,193	2,191,308	1,814,934
Soybean oil	808,532	271,785	515,575	881,449	607,505
Other	1,114,538	1,070,851	1,102,618	1,309,859	1,207,429
Tobacco, unmanufactured	1,329,050	1,392,705	1,611,617	1,447,912	1,375,539
Flue-cured	810,682	803,017	871,710	757,698	715,941
Other	518,368	589,688	739,907	690,214	659,598
Vegetable and preparations	3,875,819	3,733,272	4,081,011	4,167,912	4,245,193
Canned	304,722	318,952	374,500	350,964	333,005
Pulses	276,600	264,333	261,913	318,994	269,900
Fresh	1,078,196	932,533	1,000,487	1,050,101	1,044,474
Hops, including extract	127,237	107,512	100,462	89,133	76,310
Other	2,089,064	2,109,942	2,343,649	2,358,720	2,521,504
Essential oils	538,661	572,694	619,388	533,004	507,482
Seeds, except oilseeds	665,803	713,854	912,863	827,255	799,669
Other vegetable products	3,119,333	3,214,712	3,535,930	3,575,048	3,481,046

[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 15-8.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1995–99 [2]

Product	1995	1996	1997	1998	1999 [2]
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
All commodities	728,885,500	795,298,300	865,345,700	895,900,100	976,258,200
Nonagricultural commodities	699,020,482	762,712,123	829,547,353	858,893,002	938,811,474
Agricultural commodities	29,865,018	32,577,177	35,798,347	37,007,098	37,446,726
Competitive [3]	21,401,617	24,401,925	26,691,172	27,778,320	29,366,430
Animals and animal products	5,961,745	5,955,048	6,426,267	6,813,776	7,052,412
Animals, live, excluding poultry	1,655,260	1,550,624	1,525,159	1,669,552	1,438,990
Cattle, live	1,403,579	1,176,273	1,060,617	1,144,070	1,004,379
Meats and meat products	2,332,054	2,251,046	2,582,727	2,717,895	3,088,230
Meats, P.L. 88-482	1,307,600	1,118,572	1,372,750	1,578,921	1,817,895
Meats, fresh, frozen	1,834,025	1,731,474	2,081,706	2,238,950	2,561,285
Beef and veal	1,293,026	1,101,016	1,350,610	1,550,139	1,797,967
Pork	407,489	448,574	497,129	446,960	479,599
Mutton, goat, and lamb	77,461	113,335	140,735	159,829	180,265
Meats, prepared, preserved	468,096	486,300	470,909	450,252	490,548
Beef and veal	214,644	224,322	201,845	210,976	248,952
Pork	253,452	261,979	269,064	239,276	241,596
Mutton, goat, and lamb	0	0	0	0	0
Poultry and products	160,632	177,697	186,386	206,912	201,458
Dairy products	1,072,337	1,209,123	1,272,917	1,368,213	1,571,653
Milk and cream, fresh or dried	8,916	16,618	22,138	31,140	46,911
Cheese	521,838	557,288	575,960	588,801	718,824
Casein and mixtures	410,836	481,941	461,438	453,810	410,353
Fats, oils and greases	37,779	44,800	57,596	59,235	63,394
Hides and skins	210,159	191,918	209,787	184,293	146,121
Sheep and lamb skins	29,501	12,749	11,806	7,970	4,646
Furskins	60,344	68,746	77,786	69,833	49,059
Wool, unmanufactured excluding free	153,657	124,588	94,759	118,344	48,810
Sausage casings	61,313	63,769	69,362	76,405	70,676
Other animal products	278,554	341,483	427,574	412,927	423,080
Non-animal products	23,903,273	26,622,129	29,372,080	30,193,322	30,394,314
Grains and feeds	2,244,036	2,516,805	2,940,657	2,929,119	2,942,986
Wheat, excluding seed, edible	241,644	199,499	354,560	302,330	293,971
Barley	117,895	126,300	132,057	100,590	72,453
Biscuits, wafers	545,995	607,068	640,795	716,591	825,864
Feeds and fodders	372,835	484,039	494,831	506,283	465,474

See footnotes at end of table.

Table 15-8.—Foreign trade in agricultural products: Value of imports by principal groups, United States, fiscal years 1995–99 [1]—Continued

Product	1995	1996	1997	1998	1999 [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	2,223,593	2,629,365	2,919,836	2,794,216	3,471,260
Fresh or frozen	1,108,347	1,232,610	1,368,450	1,525,090	1,999,134
Strawberries	72,502	72,190	47,050	87,282	100,295
Prepared or preserved	484,711	577,311	638,863	600,284	699,664
Pineapples	152,384	197,040	206,618	183,139	242,787
Fruit juices	630,535	819,445	912,523	668,841	772,462
Nuts and preparations	495,520	530,148	547,385	642,967	708,173
Vegetables and preparation	3,113,725	3,420,579	3,603,720	4,249,182	4,527,047
Fresh or frozen	1,689,934	1,967,038	2,014,538	2,552,127	2,577,770
Tomatoes	406,067	679,977	611,612	735,180	713,029
Prepared or preserved	1,423,791	1,453,542	1,589,181	1,697,055	1,949,277
Olives	165,148	180,158	181,239	177,029	196,235
Mushrooms, canned	167,113	115,561	118,324	105,703	99,611
Hops and extract	37,871	41,678	39,175	30,192	29,884
Sugar and related products	1,298,848	1,807,649	1,869,367	1,674,703	1,577,591
Sugar, cane of beet	663,868	1,049,572	1,012,748	758,459	606,148
Molasses, inedible	73,850	98,549	95,289	80,360	56,344
Confectionery products	434,459	460,717	514,510	601,674	684,110
Spices	35,751	46,760	52,054	52,907	63,604
Tobacco, unmanufactured	571,636	769,768	1,179,094	821,971	741,843
Tobacco, filter	546,726	727,901	1,111,346	758,895	695,676
Tobacco, scrap	13,918	24,251	30,399	19,614	16,440
Beverages, excluding fruit juices	2,333,046	2,816,202	3,246,879	3,705,464	4,257,808
Wine	1,093,002	1,355,337	1,625,026	1,824,900	2,130,410
Malt beverages	1,113,927	1,302,759	1,443,326	1,677,002	1,865,087
Oilseeds and products	1,745,202	2,059,471	2,247,648	2,242,597	2,022,114
Oilseeds and oilnuts	261,843	324,010	373,954	370,778	326,076
Flaxseed	38,924	45,262	65,804	62,171	40,870
sesame seed	48,195	67,881	44,815	48,524	52,375
Oils and waxes--vegetables	1,379,130	1,564,670	1,693,012	1,684,285	1,549,182
Castor oil	30,942	34,893	25,266	40,039	35,833
Coconut oil	301,254	279,040	378,955	361,177	246,926
Olive oil	328,302	451,572	440,154	355,521	349,568
Palm oil	53,070	54,605	63,192	59,440	64,784
Palm kernel oil	90,669	90,762	135,005	110,778	131,162
Cotton, excluding linters	12,325	269,550	17,138	3,494	141,863
Cotton linters	18,114	16,881	16,756	7,552	8,052
Seeds, field and garden	231,962	300,595	357,128	422,446	457,272
Nursery stock	823,424	948,847	974,161	1,081,966	1,076,158
Other vegetable products	292,690	314,256	293,083	345,959	318,247
Noncompetitive [3]	8,463,401	8,175,252	9,107,175	9,228,779	8,080,296
Bananas, fresh	1,052,675	1,093,212	1,122,747	1,110,175	1,083,247
Plaintains, fresh	51,808	58,683	66,305	74,327	94,733
Coffee, green	3,082,694	2,559,089	3,402,509	3,237,116	2,597,969
Coffee, roasted	96,341	110,544	135,942	169,464	188,902
Coffee soluble, extracts	183,683	189,677	159,019	180,041	179,893
Cocoa bean	338,544	565,238	466,343	662,585	582,248
Cocoa butter	210,043	239,092	306,612	306,071	224,731
Cocoa, cake, powder, etc	118,979	106,197	112,081	127,838	122,744
Chocolate preparation	395,003	422,205	528,478	604,002	600,772
Tea, crude or prepared	193,689	200,994	203,848	256,398	240,851
Spices	337,018	352,846	410,403	459,270	504,179
Pepper, unground, black	83,111	89,099	141,966	154,594	216,937
Vanilla beans	59,178	43,954	44,238	36,435	31,262
Other	194,729	219,793	224,199	268,241	255,980
Rubber, crude, natural:					
Rubber-latex	116,802	120,119	131,546	89,456	73,412
Rubber-dry form	1,471,532	1,320,071	1,182,829	936,584	665,038
Silk, raw	3,537	4,150	3,295	417	527
Wool, unmanufactured, duty-free	41,819	40,209	36,344	33,008	26,345
Fibers, excluding cotton, jute	53,692	49,645	45,898	44,950	41,600
Essential oils	352,709	328,206	340,613	366,197	330,533
Drugs, crude natural	336,294	388,618	422,005	539,704	487,155
Other	26,539	26,457	30,358	31,176	35,417

[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 15-9.—Agricultural exports: Value of U.S. exports to the European Union, by commodity, fiscal years 1997/98 and 1998/99 [1]

Commodity	Value 1997/98	Value 1998/99 [2]
	1,000 dollars	*1,000 dollars*
Total agricultural exports	8,522,317	6,927,595
Variable-levy commodities.		
Beef and veal	27,866	28,722
Pork	34,285	17,109
Other meats—fresh or prepared	5,329	5,473
Poultry—live	7,952	4,775
Baby chicks	7,430	4,485
Poultry meats	43,188	28,027
Chickens—fresh or frozen	29,509	24,342
Turkeys—fresh or frozen	4,656	3,174
Other poultry—fresh or frozen	441	101
Poultry meats—prepared or preserved	8,583	410
Eggs	18,271	17,507
Dairy products	34,728	29,323
Lard	197	73
Wheat, unmilled	208,437	206,509
Wheat, flour	1,849	4,323
Other wheat products	1,601	1,389
Rice-paddy, milled	145,020	123,074
Feed grains and products	57,170	62,724
Feed grains	44,818	47,426
Barley	4,796	6,710
Corn	16,032	21,655
Grain sorghums	23,718	18,620
Oats	256	441
Rye	15	0
Blended food products	742	668
Other grain products	92,040	74,812
Sugar	1,823	2,243
Related sugar products	47,201	47,176
Chocolate and prep	20,219	4,606
Nonvariable-levy commodities.		
Animals live—excluding poultry	144,269	141,618
Horses, mules, burros—live	137,776	133,476
Horsemeat—fr. chill, froz	29,223	24,600
Variety meats, edible offals	24,994	9,963
Feathers and downs, crude	804	757
Tallow—inedible	58,267	29,513
Other animal fats and oils	14,736	15,407
Hides and skins, incl. furs	169,663	102,032
Cattle hides, whole	74,880	55,907
Furskins	42,610	13,615
Wool and mohair	6,640	11,163
Sausage casings	2,802	3,733
Bull semen	25,950	21,726
Misc. animal products—other	83,621	63,798
Corn by-products	454,771	402,986
Alfalfa meal and cubes	28	125
Beet pulp	27,042	28,356
Citrus pulp pellets	39,564	46,027
Other feeds and fodders	311,743	251,001
Fruits and prep, excluding juice	370,036	353,412
Fruits, fresh	161,552	167,216
Fruits, fresh, citrus	56,734	62,335
Grapefruit, fresh	54,151	61,829
Lemons and limes, fresh	535	60
Oranges and tangerines, fresh	1,934	413
Other citrus, fresh	114	33
Nonvariable levy commodities—Continued		
Fruits, fresh, noncitrus	104,818	104,881
Apples, fresh	18,270	31,848
Grapes, fresh	19,282	18,074
Other noncitrus, fresh	67,266	54,959
Fruits, dried	161,998	146,445
Raisins, dried	88,596	72,119
Prunes, dried	60,569	60,695
Other dried fruits	12,833	13,631
Fruits—canned excl. juice	19,997	23,583
Fruits—froz. excl. juice	5,564	1,975
Other fruits—prep. or pres	20,925	14,193
Fruit juices incl. frozen	153,913	175,527
Orange juice	94,279	95,650
Other fruit juices	59,634	79,877
Wine	237,576	283,974
Nuts and preparations	721,061	627,797
Almonds (shelled basis)	454,709	405,914
Peanuts, shelled or prepared	77,375	65,223
Walnuts, shelled/unshelled	71,583	74,951
Vegetables and preparations	417,708	454,119
Vegetables—fresh	33,479	31,404
Vegetables—frozen	16,200	24,729
Vegetables—canned	45,337	36,300
Pulses	82,111	71,423
Dried beans	68,518	56,631
Dried peas	4,724	7,468
Dried lentils	8,869	7,324
Hops, including hop extract	26,902	23,953
Other veg.—prep. or pres	213,678	266,310
Oilseeds and products	2,855,582	1,693,762
Oilcake and meal	457,488	117,091
Soybean meal	419,396	70,780
Other oilcake and meal	38,052	46,311
Oilseeds	2,214,185	1,441,922
Soybeans	2,035,039	1,248,511
Sunflowerseeds	57,908	82,261
Peanuts and oilstock	19,370	17,795
Other oilseeds	18,766	18,891
Protein substances	83,102	74,464
Vegetable oils	183,949	134,749
Soybean oil	10,563	11,343
Cottonseed oil	1,725	450
Sunflower oil	4,161	1,285
Other vegetable oils and waxes	167,500	121,671
Tobacco—unmfg	664,118	688,237
Cotton, excl. linters	118,833	64,676
Cotton linters	2,959	3,118
Essential oils	186,873	166,128
Seeds—field and garden	275,784	258,304
Coffee	14,189	9,944
Cocoa	4,337	6,467
Tea and mate	17,198	25,410
Spices	16,242	15,240
Flavoring sirups and extract	0	0
Rubber—crude natural	3,811	6,253
Fibers excl. cotton	295	268
Nursery and greenhouse products	75,213	81,639
Beverages excl. juices	56,924	46,806
Other miscellaneous vegetable products	168,161	135,635

[1] Fiscal years Oct. 1–Sept. 30. [2] Preliminary.

ERS, Market and Trade Economics Division, (202) 694–5272.

Table 15-10.—U.S. food aid under specified Government programs, year ending Sept 30, 1998

Commodity	Public Law 480			Section 416(b)[4]	Food for progress			Commodity totals
	Title I[1]	Title II[2]	Title III[3]		Title I[5]	Section 416(b)[6]	CCC Purchases[7]	
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AFRICA.								
Angola	8,237	10,080	0	0	0	0	2,950	21,266
Benin	0	2,113	0	0	0	0	0	2,113
Burkina Faso	0	8,381	0	0	0	0	0	8,381
Burundi	0	6,111	0	0	0	0	0	6,111
Cape Verde Islands	0	3,899	0	0	0	0	0	3,899
Cameroon	0	628	0	0	0	0	0	628
Chad	0	296	0	0	0	0	0	296
Cote D'Ivoire	0	644	0	0	0	0	0	644
Djibouti	0	183	0	0	0	0	0	183
Equatorial Guinea	0	0	0	0	0	0	476	476
Eritrea	10,000	388	3,199	0	0	0	0	13,587
Ethiopia	0	28,006	6,480	0	0	0	0	34,486
Gambia	0	1,647	0	0	0	0	0	1,647
Ghana	0	10,182	0	0	0	0	0	10,182
Guinea	0	1,257	0	0	0	0	0	1,257
Kenya	0	13,132	0	0	0	0	2,593	15,724
Lesotho	0	522	0	0	0	0	0	522
Liberia	0	13,021	0	0	0	0	0	13,021
Madagascar	0	5,582	0	0	0	0	0	5,582
Mali	0	1,835	0	0	0	0	0	1,835
Mauritania	0	1,827	0	0	0	0	0	1,827
Mozambique	0	16,977	4,502	0	3,499	0	0	24,978
Niger	0	1,694	0	0	0	0	0	1,694
Rwanda	0	14,219	0	0	0	0	0	14,219
Sierra Leone	0	13,716	0	0	0	0	0	13,716
Somalia	0	1,937	0	0	0	0	0	1,937
South Africa	0	0	0	0	0	0	11,112	11,112
Sudan	0	15,491	0	0	0	0	0	15,491
Swaziland	0	0	0	0	0	0	1,552	1,552
Tanzania	0	4,010	0	0	0	0	1,458	5,467
Uganda	0	13,521	0	0	0	0	0	13,521
Zambia	0	635	0	0	0	0	0	635
Zimbabwe	10,000	0	0	0	0	0	0	10,000
Totals	28,237	191,933	14,181	0	3,499	0	20,140	257,989
ASIA AND THE MIDDLE EAST.								
Bangladesh	0	23,865	0	0	5,964	0	987	30,816
Indonesia	22,000	30,737	0	0	0	0	0	52,737
India	0	69,927	0	0	0	0	0	69,927
Korea, North	0	38,808	0	0	0	0	0	38,808
Mongolia	0	0	0	0	3,124	0	0	3,124
Nepal	0	388	0	0	0	0	0	388
Pakistan	0	4,809	0	0	0	0	0	4,809
Philippines	10,000	0	0	0	0	0	0	10,000
Sri Lanka	10,000	0	0	0	0	0	0	10,000
Totals	42,000	168,535	0	0	9,087	0	987	220,608
EUROPE.								
Albania	0	258	0	0	7,198	0	0	7,456
Bosnia-Herzegovina	0	7,469	0	0	6,181	0	7,564	21,215
Bulgaria	0	3,113	0	0	0	0	0	3,113
Serbia	0	5,764	0	0	0	0	0	5,764
Totals	0	16,605	0	0	13,380	0	7,564	37,549
LATIN AMERICA AND CARIBBEAN.								
Bolivia	6,580	8,395	0	0	0	0	0	14,975
El Salvador	4,713	1,093	0	0	0	0	1,072	6,879
Guatemala	4,379	8,597	0	0	0	0	0	12,976
Guyana	7,602	0	0	0	0	544	369	8,515
Haiti	0	16,555	7,154	0	0	0	3,309	27,018
Honduras	0	3,807	0	0	0	0	0	3,807
Jamaica	5,000	0	0	0	0	0	0	5,000
Nicaragua	11,250	3,786	0	0	0	0	894	15,929
Peru	10,000	44,772	0	0	0	0	1,103	55,875
Totals	49,524	87,006	7,154	0	0	544	6,748	150,975
NEAR EAST.								
Algeria	0	296	0	0	0	0	0	296
Egypt	0	788	0	0	0	0	0	788
Jordan	18,000	725	0	0	0	0	0	18,725
Totals	18,000	1,808	0	0	0	0	0	19,808

See footnotes at end of table.

Table 15-10—U.S. agricultural food aid under specified Government programs, year ending Sept 30, 1998—Continued

Commodity	Public Law 480			Section 416(b)[4]	Food for progress			Commodity totals
	Title I[1]	Title II[2]	Title III[3]		Title I[5]	Section 416(b)[6]	CCC Purchases[7]	
	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*
NIS COUNTRIES.								
Armenia	13,282	0	0	0	0	1,133	6,031	20,446
Azerbaijan	0	0	0	0	0	0	2,998	2,998
Georgia	13,357	0	0	0	0	0	2,493	15,851
Kazakstan	0	0	0	0	0	0	4,234	4,234
Kyrgyzstan	0	0	0	0	9,958	0	3,362	13,320
Moldova	0	0	0	0	0	0	2,964	2,964
Russia	0	0	0	0	0	0	4,261	4,261
Tajikistan	0	1,929	0	0	4,939	0	9,092	15,960
Ukraine	0	0	0	0	0	227	13,074	13,301
Totals	26,640	1,929	0	0	14,897	1,360	48,508	93,333
Total Allocated	164,399	467,815	21,335	0	40,862	1,904	83,947	780,263
UNSPECIFIED.								
Unspecified**	0	6,741	0	0	0	0	0	6,741
Program Totals	164,399	474,556	21,335	0	40,862	1,904	83,947	787,004

** Note Unspecified is commodities purchased with 1998 appropriated funds but not allocated to a species.

[1] P.L. 480 Title I - Based on Program Summary as of October 19, 1998. The total does not reflect oceans freight costs. [2] P.L. 480, Title II - Based on Approved Program Summary as of October 29, 1998. The total does not reflect freight costs. [3] P.L. 480, Title III: Based on Approved Program as of October 29, 1998. The total does not reflect freight costs. [4] Section 416 (b): Regular 416 - Based on Extel Database as of October 29, 1998. [5] Food for Progress: Title I - Based on P.L. 480, Title I Program Summary as of October 19, 1998. The total does not reflect freight costs. [6] Section 416 (b) - Based on Extel Database as of October 29, 1998. [7] CCC Purchases - Based on Extel Database as of October 29, 1998.

FAS, CCC Program Support Division, (202) 720–9843.

Table 15-11—U.S. agricultural food aid under specified Government programs, year ending Sept 30, 1998

Commodity	Public Law 480			Section 416(b)[4]	Food for progress			Commodity totals
	Title I[1]	Title II[2]	Title III[3]		Title I[5]	Section 416(b)[6]	CCC Purchases[7]	
	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*
AFRICA.								
Angola	43	56	0	0	0	0	15	113
Benin	0	6	0	0	0	0	0	6
Burkina Faso	0	26	0	0	0	0	0	26
Burundi	0	22	0	0	0	0	0	22
Cape Verde Islands	0	25	0	0	0	0	0	25
Cameroon	0	2	0	0	0	0	0	2
Chad	0	2	0	0	0	0	0	2
Cote D'Ivoire	0	2	0	0	0	0	0	2
Djibouti	0	1	0	0	0	0	0	1
Equatorial Guinea	0	0	0	0	0	0	1	1
Eritrea	83	0	25	0	0	0	0	108
Ethiopia	0	172	48	0	0	0	0	220
Gambia	0	4	0	0	0	0	0	4
Ghana	0	50	0	0	0	0	0	50
Guinea	0	1	0	0	0	0	0	1
Kenya	0	48	0	0	0	0	20	68
Lesotho	0	2	0	0	0	0	0	2
Liberia	0	42	0	0	0	0	0	42
Madagascar	0	12	0	0	0	0	0	12
Mali	0	6	0	0	0	0	0	6
Mauritania	0	5	0	0	0	0	0	5
Mozambique	0	95	25	0	25	0	0	145
Niger	0	7	0	0	0	0	0	7
Rwanda	0	55	0	0	0	0	0	55
Sierra Leone	0	49	0	0	0	0	0	49
Somalia	0	12	0	0	0	0	0	12
South Africa	0	0	0	0	0	0	12	12
Sudan	0	82	0	0	0	0	0	82
Swaziland	0	0	0	0	0	0	10	10
Tanzania	0	24	0	0	0	0	10	34
Uganda	0	63	0	0	0	0	0	63
Zambia	0	5	0	0	0	0	0	5
Zimbabwe	72	0	0	0	0	0	0	72
Totals	198	878	98	0	25	0	68	1,267

See footnotes at end of table.

Table 15-11—U.S. agricultural food aid under specified Government programs, year ending Sept 30, 1998—Continued

Commodity	Public Law 480			Section 416(b)[4]	Food for progress			Commodity totals
	Title I[1]	Title II[2]	Title III[3]		Title I[5]	Section 416(b)[6]	CCC Purchases[7]	
	1,000 metric tons	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*	*1,000 metric tons*
ASIA AND THE MIDDLE EAST.								
Bangladesh	0	183	0	0	50	0	10	243
Indonesia	79	84	0	0	0	0	0	163
India	0	200	0	0	0	0	0	200
Korea, North	0	200	0	0	0	0	0	200
Mongolia	0	0	0	0	21	0	0	21
Nepal	0	1	0	0	0	0	0	1
Pakistan	0	18	0	0	0	0	0	18
Philippines	63	0	0	0	0	0	0	63
Sri Lanka	76	0	0	0	0	0	0	76
Totals	218	686	0	0	71	0	10	986
EUROPE.								
Albania	0	1	0	0	31	0	0	32
Bosnia-Herzegovina	0	32	0	0	51	0	10	92
Bulgaria	0	11	0	0	0	0	0	11
Serbia	0	20	0	0	0	0	0	20
Totals	0	63	0	0	82	0	10	155
LATIN AMERICA AND CARIBBEAN.								
Bolivia	53	41	0	0	0	0	0	94
El Salvador	9	4	0	0	0	0	6	19
Guatemala	18	31	0	0	0	0	0	49
Guyana	53	0	0	0	0	0	1	54
Haiti	0	67	42	0	0	0	7	116
Honduras	0	13	0	0	0	0	0	13
Jamaica	13	0	0	0	0	0	0	13
Nicaragua	60	11	0	0	0	0	5	76
Peru	75	97	0	0	0	0	1	173
Totals	281	264	42	0	0	0	20	608
NEAR EAST.								
Algeria	0	2	0	0	0	0	0	2
Egypt	0	4	0	0	0	0	0	4
Jordan	147	6	0	0	0	0	0	153
Totals	147	11	0	0	0	0	0	158
NIS COUNTRIES.								
Armenia	91	0	0	0	0	1	11	102
Azerbaijan	0	0	0	0	0	0	7	7
Georgia	80	0	0	0	0	0	5	85
Kazakstan	0	0	0	0	0	0	7	7
Kyrgyzstan	0	0	0	0	34	0	9	43
Moldova	0	0	0	0	0	0	9	9
Russia	0	0	0	0	0	0	19	19
Tajikistan	0	8	0	0	38	0	17	63
Ukraine	0	0	0	0	0	0	7	7
Totals	171	8	0	0	72	1	90	341
Total Allocated	1,016	1,910	140	0	251	1	198	3,515
UNSPECIFIED.								
Unspecified**	0	20	0	0	0	0	0	20
Program Totals	1,016	1,930	140	0	251	1	198	3,535

** Note Unspecified is commodities purchased with 1998 appropriated funds but not allocated to a species.

[1] P.L. 480 Title I - Based on Program Summary as of October 19, 1998. The total does not reflect oceans freight costs. [2] P.L. 480, Title II - Based on Approved Program Summary as of October 29, 1998. The total does not reflect freight costs. [3] P.L. 480, Title III: Based on Approved Program as of October 29, 1998. The total does not reflect freight costs. [4] Section 416 (b): Regular 416 - Based on Extel Database as of October 29, 1998. [5] Food for Progress: Title I - Based on P.L. 480, Title I Program Summary as of October 19, 1998. The total does not reflect freight costs. [6] Section 416 (b) - Based on Extel Database as of October 29, 1998. [7] CCC Purchases - Based on Extel Database as of October 29, 1998.

FAS, CCC Program Support Division, (202) 720–9843.

Table 15-12.—Agricultural imports for consumption: Value by country of origin, United States, fiscal years 1997–99 [1]

Country	1997			1998			1999		
	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	7,293.2	462.5	6,830.7	7,797.8	545.6	7,252.2	7,896.6	565.6	7,331.0
Mexico	3,940.6	760.7	3,179.8	4,669.4	739.1	3,930.3	4,828.1	554.9	4,273.2
France	1,196.1	112.3	1,083.8	1,280.5	114.9	1,165.7	1,563.6	128.1	1,435.5
Brazil	1,517.5	602.6	914.8	1,207.0	498.8	708.2	1,437.9	605.7	832.2
Italy	1,367.1	84.3	1,282.8	1,351.6	99.3	1,252.3	1,426.5	80.3	1,346.1
Netherlands	1,227.3	124.1	1,103.3	1,345.9	134.8	1,211.2	1.392.0	129.8	1,262.2
Colombia	1,349.2	905.8	443.4	1,360.4	896.8	463.6	1,189.1	771.1	418.0
Indonesia	1,591.0	1,309.6	281.4	1,360.4	1,148.2	212.2	1,185.0	951.1	233.8
Australia	927.9	10.7	917.1	1,103.0	17.8	1,085.1	1,134.5	22.3	1,112.2
New Zealand	849.8	28.9	820.9	909.0	25.7	883.3	949.9	22.0	927.9
Chile	755.1	7.8	747.3	756.5	20.5	736.0	926.0	17.4	908.6
Costa Rica	740.4	465.2	275.2	751.6	469.1	282.5	842.6	520.6	322.0
Germany	816.5	205.9	610.6	844.9	230.7	614.2	819.3	188.7	630.7
India	617.6	257.9	359.7	727.2	274.5	452.7	800.2	243.7	556.5
China	644.9	159.9	485.0	753.9	221.0	532.9	760.8	165.6	595.2
Spain [3]	543.7	36.6	507.1	625.0	55.6	569.4	690.3	43.7	646.6
Argentina	690.8	50.8	640.0	640.8	74.3	566.5	690.0	60.8	629.2
Thailand	897.1	346.2	550.9	760.0	289.6	470.4	689.0	179.9	509.1
Guatemala	738.9	506.4	232.5	749.5	550.5	199.0	647.4	437.0	210.3
United Kingdom	452.8	85.6	367.2	489.5	88.8	400.7	567.1	100.5	466.5
Ecuador	565.4	442.4	122.9	532.2	404.8	127.4	555.0	416.9	138.0
Philippines	651.0	17.3	633.7	624.4	15.8	608.6	496.5	12.2	484.3
Malaysia	451.6	218.8	232.8	484.8	218.8	266.0	432.4	154.4	278.0
Denmark	416.4	47.4	369.0	409.0	46.5	362.4	431.6	57.4	374.2
Turkey	509.2	23.9	485.3	408.4	29.7	378.7	382.3	47.6	334.8
Japan	291.0	57.6	233.4	307.5	65.4	242.1	324.2	61.9	262.3
Ireland	316.9	54.6	262.3	310.5	41.1	269.4	322.3	39.8	282.5
Ivory Coast	222.6	217.5	5.0	393.4	391.8	1.6	295.3	293.3	2.0
Dominican Republic	408.9	92.4	316.5	387.0	121.3	265.7	267.9	40.9	227.0
Peru	275.0	179.0	96.0	213.6	142.6	71.0	207.8	90.1	117.7
Belgium/Luxembourg	163.1	43.9	119.2	180.5	47.7	132.7	183.3	58.2	125.2
Taiwan	165.2	6.5	158.7	176.4	9.2	167.3	180.2	6.1	174.1
Greece	162.5	2.6	159.8	147.8	3.0	144.8	177.7	2.8	174.9
Vietnam	140.6	108.7	32.0	174.7	132.0	42.7	161.4	128.1	33.3
Honduras	296.8	222.4	74.4	338.0	261.0	76.9	137.5	83.7	53.8
Switzerland	150.9	76.1	74.7	144.7	61.7	82.9	132.7	45.2	87.5
Israel, incl Gaza	100.8	14.6	86.2	112.1	17.9	94.3	126.6	20.8	105.8
Rep. S. Africa	109.4	9.8	99.6	105.3	11.5	93.8	120.0	7.3	112.7
Venezuela	75.7	43.8	31.9	55.2	21.9	33.3	116.1	81.9	34.2
El Salvador	150.2	94.4	55.8	145.9	103.4	42.5	99.3	65.4	33.9
Korea, Rep. of	94.8	8.8	85.9	89.0	7.7	81.3	98.1	5.2	92.9
Singapore	56.9	37.8	19.1	72.0	46.2	25.7	96.2	76.1	20.0
Sweden	102.4	41.9	60.5	116.3	40.2	76.1	88.1	31.4	56.8
Poland	75.3	4.2	71.1	83.4	6.6	76.8	83.4	4.2	79.1
Panama	117.1	76.3	40.7	75.2	33.5	41.6	75.0	46.6	28.4
Hong Kong	86.4	12.0	74.4	83.0	7.2	75.8	74.4	5.2	69.2
Finland	61.9	10.9	51.0	76.2	10.2	66.0	68.2	8.4	59.8
Portugal	67.1	0.5	66.5	73.8	0.7	73.1	65.4	0.4	65.0
Nicaragua	87.1	20.2	66.9	97.8	42.0	55.9	64.8	31.9	32.9
Uruguay	69.2	0.8	68.4	49.0	0.2	48.7	60.6	0.3	60.3
Other	1,199.4	396.3	804.0	1,056.1	391.6	664.8	1,086.5	367.8	719.0
Total [4]	35,798.3	9,107.2	26,691.2	37,007.1	9,228.8	27,778.3	37,446.7	8,080.3	29,366.4

[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 Union: Value of agricultural imports by origin, 1988–97 [1]

Year [2]	United States	EC countries	Other countries	Total
	Million dollars	*Million dollars*	*Million dollars*	*Million dollars*
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
1996	9,026	127,148	54,939	191,112
1997	9,105	129,520	52,439	191,064

[1] EU-15. 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: 1992–98 [1]

[Preliminary]

Species	Landings						
	1992	1993	1994	1995	1996	1997	1998
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Fish:							
Cod, Atlantic	62	51	39	30	31	29	25
Flounder	646	599	427	423	460	566	391
Haddock	5	2	1	1	1	3	6
Halibut	67	63	58	45	49	70	73
Herring, sea	282	216	214	265	318	348	272
Jack mackerel	3	4	6	4	5	3	3
Menhaden	1,644	1,983	2,324	1,847	1,755	2,028	1,706
Ocean perch, Atlantic	2	2	1	1	1	1	1
Pollock	2,952	3,258	3,133	2,853	2,630	2,522	2,729
Salmon, Pacific	716	888	901	1,137	877	568	644
Tuna	57	55	72	14	85	83	85
Whiting	36	36	36	34	35	34	33
Shellfish:							
Clams (meats)	142	148	131	134	123	114	108
Crabs	624	604	447	364	392	430	553
Lobsters, American	56	57	66	66	71	84	80
Oysters (meats)	36	34	38	40	38	40	34
Scallops (meats)	34	19	25	20	18	15	13
Shrimp	338	293	283	307	317	290	278
	Value						
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Fish:							
Cod, Atlantic	52	45	36	28	27	24	25
Flounder	144	136	127	150	154	131	97
Haddock	6	3	1	1	1	4	8
Halibut	54	62	85	67	83	117	104
Herring, sea	43	25	31	59	81	23	22
Jack mackerel	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Menhaden	83	103	128	99	94	112	104
Ocean perch, Atlantic	1	1	1	5	(2)	(2)	(2)
Pollock	335	358	383	266	243	248	198
Salmon, Pacific	583	424	456	527	369	270	257
Tuna	91	91	108	103	110	110	94
Whiting	11	13	14	15	13	15	13
Shellfish:							
Clams (meats)	127	138	122	140	128	130	135
Crabs	471	510	533	512	427	430	473
Lobsters, American	161	152	196	215	242	267	254
Oysters (meats)	115	87	133	102	115	117	87
Scallops (meats)	164	109	124	95	102	94	80
Shrimp	480	413	564	570	509	544	516

[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, 1991–98 [1]

[1996 is preliminary]

Product	Production							
	1991	1992	1993	1994	1995	1996	1997	1998
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Fish fillets and steaks [2]	473	449	420	425	385	423	410	439
Cod	71	65	50	58	65	67	79	67
Flounder	48	46	35	35	35	29	27	24
Haddock	8	5	4	3	3	4	7	6
Ocean perch, Atlantic	1	1	1	(3)	(3)	2	1	1
Rockfish	22	19	18	23	25	20	17	16
Pollock, Atlantic	8	9	8	7	4	2	1	4
Pollock, Alaska	152	165	161	141	135	136	112	161
Other	163	139	143	158	118	163	166	160
	Value							
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol*	*Mil. dol.*	*Mil. dol.*
Fish fillets and steaks [2]	1,021	912	847	836	841	904	961	1,002
Cod	180	158	121	135	152	163	179	162
Flounder	147	120	100	89	86	79	79	71
Haddock	30	19	16	12	11	14	24	22
Ocean perch, Atlantic	1	3	2	1	1	4	2	2
Rockfish	36	30	30	33	38	42	33	32
Pollock, Atlantic	18	19	17	16	10	5	2	7
Pollock, Alaska	206	205	185	141	184	159	129	190
Other	403	358	376	406	359	438	513	516

[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, 1991–98 [1]

[1995 is preliminary]

Product	Production							
	1991	1992	1993	1994	1995	1996	1997	1998
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Total [2]	1,386	1,544	1,709	1,768	1,927	1,877	1,565	1,531
Tuna	593	609	619	610	667	676	627	681
Salmon	196	150	198	207	249	197	162	163
Clam products	129	129	117	122	129	129	127	113
Jack mackerel [3]	9	5	NA	NA	NA	NA	NA	NA
Sardines, Maine	14	17	14	16	14	18	16	12
Shrimp	1	1	1	(5)	(5)	(5)	1	(5)
Crabs	(5)	(5)	(5)	(5)	(5)	(5)	(5)	(5)
Oysters [4]	1	NA	(5)	(5)	(5)	(5)	(5)	(5)
	Value							
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Total [2]	1,644	1,577	1,688	1,796	1,887	1,800	1,593	1,766
Tuna	877	888	904	963	939	957	919	983
Salmon	413	294	307	329	419	284	253	274
Clam products	84	88	92	106	111	117	115	105
Jack mackerel [3]	3	2	NA	NA	NA	NA	NA	NA
Sardines, Maine	19	25	25	28	24	30	29	19
Shrimp	4	4	4	4	7	6	5	1
Crabs	(5)	1	1	(5)	(5)	(5)	(5)	(5)
Oysters [4]	2	NA	(5)	(5)	(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, 1993–98, by area

[1993–98 are preliminary]

Area	1977 [1]			1993		1994	
	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	10,467	3,471	10,401	3,807
New England States	31.7	929	15.4	605	552	558	583
Middle Atlantic States	17.3	573	11.3	258	155	253	149
Chesapeake Bay States	27.9	2,086	19.0	813	162	648	162
South Atlantic States	11.6	1,463	6.7	250	161	287	215
Gulf States	29.3	5,328	11.0	1,715	631	2,153	806
Pacific Coast States	54.0	7,643	15.4	6,760	1,722	6,506	1,810
Great Lakes States	1.2	217	0.5	32	19	29	19
Hawaii	2.7	101	1.3	34	69	27	62

	1995		1996		1997		1998	
	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	9,787	3,736	9,565	3,487	9,843	3,448	9,194	3,128
New England States	593	581	642	564	641	556	596	537
Middle Atlantic States	240	180	242	182	237	200	262	181
Chesapeake Bay States	846	174	729	159	688	169	653	180
South Atlantic States	277	238	269	210	299	213	240	197
Gulf States	1,465	725	1,497	680	1,790	759	1,537	719
Pacific Coast States	6,307	1,757	6,129	1,611	6,126	1,464	5,843	1,236
Great Lakes States	29	21	25	17	26	17	27	16
Hawaii	30	60	32	64	37	69	36	62

[1] Exclusive of duplication among regions. Computation of area amounts will not equal U.S. total. Mississippi River data included with total. [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, 1989–98

[1989–98 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*
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	3,809	36.4
1995	9,788	7,667	2,121	3,770	38.5
1996	9,565	7,474	2,091	3,487	36.5
1997	9,842	7,244	2,598	3,448	35.0
1998	9,194	7,173	2,021	3,128	34.0

[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, 1989–98 [1]

[1989–98 are preliminary]

Item	1989	1990	1991	1992	1993
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Total	15,485	16,349	16,364	16,106	20,334
For human food	12,268	12,662	13,020	13,242	13,821
Finfish	9,735	10,120	10,186	10,297	10,796
Shellfish [2]	2,533	2,542	2,834	2,945	3,025
For industrial use	3,217	3,687	3,344	2,864	6,513
Domestic catch	8,463	9,404	9,484	9,637	10,467
Percent of total	54.7	57.5	58.0	59.8	51.5
For human food	6,204	7,041	7,031	7,618	8,214
Finfish	4,897	5,747	5,564	6,182	6,770
Shellfish [2]	1,307	1,294	1,467	1,436	1,444
For industrial use	2,259	2,363	2,453	2,019	2,253
Imports [3]	7,022	6,945	6,879	6,469	9,867
Percent of total	45.3	42.5	42.0	40.2	48.5
For human food	6,064	5,621	5,989	5,624	5,607
Finfish	4,838	4,373	4,622	4,115	4,026
Shellfish [2]	1,226	1,248	1,367	1,509	1,581
For industrial use [4]	958	1,324	890	845	4,260

Item	1994	1995	1996	1997	1998
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Total	19,309	16,484	16,474	17,133	16,898
For human food	13,714	13,584	13,626	13,740	14,175
Finfish	10,719	10,692	10,699	10,580	10,837
Shellfish [2]	2,995	2,891	2,927	3,160	3,338
For industrial use	5,595	2,900	2,848	3,393	2,723
Domestic catch	10,461	9,788	9,565	9,843	9,194
Percent of total	54.2	59.4	58.1	57.4	54.4
For human food	7,936	7,667	7,476	7,245	7,174
Finfish	6,612	6,414	6,205	5,969	5,935
Shellfish [2]	1,324	1,252	1,271	1,277	1,238
For industrial use	2,525	2,121	2,089	2,598	2,021
Imports [3]	8,848	6,696	6,909	7,290	7,704
Percent of total	45.8	40.6	41.9	42.5	45.6
For human food	5,778	5,917	6,150	6,495	7,001
Finfish	4,107	4,278	4,494	4,612	4,901
Shellfish [2]	1,671	1,639	1,656	1,883	2,100
For industrial use [4]	3,070	779	759	795	702

[1] Live weight, except percent. May not add due to rounding. [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, 1989–98 [1]

[1989–98 are preliminary]

Disposition	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998
	Mil. lbs.	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*	*Mil. lbs.*
Fresh and frozen	5,585	6,501	6,541	7,288	7,744	7,475	7,099	7,054	6,873	6,870
Canned	798	751	674	543	649	622	769	678	648	516
Cured	128	126	119	110	115	95	90	93	108	129
Reduced to meal, oil, etc	1,952	2,026	2,150	1,696	1,959	2,269	1,830	1,740	2,213	1,679
Total	8,463	9,404	9,484	9,637	10,467	10,461	9,788	9,565	9,842	9,194

[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, 1991–98 [1]

Item	Production							
	1991	1992	1993	1994	1995	1996	1997	1998 [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	420	400	372	370	355	372	355	404
Steaks	53	49	48	55	30	51	55	35
Fish sticks	63	58	68	58	74	65	69	67
Fish portions	205	194	206	196	251	214	196	176
Breaded shrimp	116	122	111	113	100	108	117	109
Canned products [2]	1,386	1,544	1,709	1,768	1,927	1,877	1,565	1,530
Fish and shellfish	981	936	983	986	1,085	1,053	953	987
Animal feed	405	608	726	782	842	824	612	544
Industrial products	NA	NA	NA	NA	NA	NA	NA	NA
Meal and scrap	613	644	751	808	667	643	725	593
Oil (body and liver)	267	185	293	291	242	248	283	223
Other	NA	NA	NA	NA	NA	NA	NA	NA

Item	Value							
	1991	1992	1993	1994	1995	1996	1997	1998 [3]
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Fresh and frozen:.								
Fillets	907	825	755	747	767	807	845	908
Steaks	114	87	93	89	73	97	116	94
Fish sticks	78	56	68	51	73	56	64	62
Fish portions	313	296	313	268	357	307	285	226
Breaded shrimp	336	350	317	305	299	342	335	333
Canned products [2]	1,644	1,577	1,688	1,796	1,887	1,800	1,593	1,766
Fish and shellfish	1,439	1,330	1,375	1,471	1,544	1,429	1,361	1,416
Animal feed	205	247	313	325	343	371	232	350
Industrial products	208	203	226	248	247	274	347	229
Meal and scrap	128	122	130	134	122	138	174	113
Oil (body and liver)	30	27	41	37	42	44	55	56
Other	38	43	44	62	74	86	118	61

[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, 1991–98 [1]

Product	Quantity							
	1991	1992	1993	1994	1995	1996	1997	1998
	Mil. lb.	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*	*Mil. lb.*
Imports								
Edible	3,015	2,894	2,917	3,035	3,066	3,170	3,339	3,647
Fresh or frozen	2,419	2,345	2,451	2,528	2,597	2,727	2,861	3,119
Salmon [2]	107	103	115	117	126	142	163	152
Tuna	496	437	436	458	496	529	438	571
Groundfish fillets, blocks [3]	420	361	349	347	372	385	384	376
Other fillets and steaks	310	276	254	292	316	326	339	392
Scallops (meats)	30	39	52	57	48	59	60	52
Lobster, American and spiny	66	60	59	63	66	63	65	64
Shrimp and prawn	530	586	593	622	591	579	645	692
Canned	513	469	382	419	378	354	176	428
Sardines, in oil	17	13	14	14	14	13	13	15
Sardines and herring, not in oil	35	25	26	30	28	30	31	29
Tuna	352	323	224	249	215	193	212	240
Oysters	12	13	13	12	11	10	10	14
Pickled or salted	45	42	46	42	39	37	37	42
Cod, haddock, hake, pollock, cusk	11	10	12	7	5	5	5	7
Nonedible scrap and metal	159	151	761	548	139	136	142	128
Exports								
Canned salmon	66	78	85	91	98	96	82	771
Fish oil, nonedible	254	177	184	243	260	187	215	197

Product	Value							
	1991	1992	1993	1994	1995	1996	1997	1998
	Mil. dol.	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*	*Mil. dol.*
Imports								
Edible	5,672	5,706	5,849	6,645	6,792	6,730	7,754	8,173
Fresh or frozen	4,859	4,946	5,178	5,917	6,072	6,044	7,022	7,356
Salmon [2]	243	234	247	253	281	305	344	319
Tuna	341	353	381	426	458	510	494	556
Groundfish fillets, blocks [3]	770	581	508	487	511	498	534	579
Other fillets and steaks	533	476	507	551	632	645	727	864
Scallops (meats)	111	160	219	216	174	198	237	218
Lobster, American and spiny	420	432	377	448	492	446	481	476
Shrimp and prawn	1,836	2,000	2,153	2,654	2,565	2,448	2,943	3,102
Canned	642	580	494	542	503	474	525	588
Sardines, in oil	29	24	26	25	26	23	25	28
Sardines and herring, not in oil	28	23	24	24	23	26	26	26
Tuna	359	309	226	286	234	216	250	289
Oysters	32	37	36	31	31	29	25	26
Pickled or salted	56	60	54	47	47	47	47	57
Cod, haddock, hake, pollock, cusk	22	23	23	14	10	9	8	13
Nonedible scrap and metal	32	35	106	77	25	34	36	34
Exports								
Canned salmon	134	154	161	164	175	154	135	143
Fish oil, nonedible	35	29	28	30	44	36	54	60

[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, 1989–98 [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.*
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	13,060	3,170	6,730	6,331	8,653	2,112	3,032	5,621
1997	14,528	3,339	7,754	6,774	9,354	2,019	2,713	6,640
1998	15,633	3,647	8,173	7,459	8,705	1,689	2,268	6,437

[1] Includes Puerto Rico. [2] Includes landings of tuna by foreign vessels in American Samoa.

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, 1995–98, and Pacific Coasts, 1993–94, 1997, and 1998

Subregion	1995	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
North Atlantic	6,406	6,774	7,628	6,796
Mid-Atlantic	15,728	15,771	17,267	14,453
South Atlantic [2]	19,036	17,319	18,373	16,837
Gulf [2]	17,390	17,033	18,593	16,703
Total [3]	58,561	56,897	61,861	54,789

Subregion	1993	1994	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Southern California	4,300	3,768	3,232	2,973
Northern California	2,340	1,992	1,906	1,932
Oregon	579	500	593	649
Washington [5]	.....	1,482	1,455	1,463
Total [3]	7,220	7,743	7,187	7,017

[1] 1995–1997 were revised. Data do not include recreational catch in Texas. [2] Does not include catch from headboats (party boats). [3] Totals may not add due to rounding. [4] 1996 data were revised. Pacific estimates do not include salmon data collected by state recreational surveys. [5] The MRFSS was not conducted in WA in 1995.

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, 1995–98

Subregion	1995	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
North Atlantic	21,914	22,959	24,412	23,502
Mid-Atlantic	88,803	81,570	103,269	84,634
South Atlantic [2]	65,765	52,741	59,540	56,193
Gulf [2]	138,076	123,685	148,813	130,582
Total [3]	314,558	280,954	336,034	294,910

Subregion	1994	1995	1996	1997
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Southern California	18,885	18,075	15,492	11,750
Northern California	7,296	6,899	6,013	7,402
Oregon	1,428	1,311	2,030	2,242
Washington [5]	.....	6,971	5,286	7,063
Total [3]	27,609	33,256	28,821	28,458

[1] 1995–1997 were revised. 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] 1995–1997 data were revised.Pacific estimates do not include salmon data collected by State recreational surveys. [5] The MRFSS was not conducted in 1995.

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, 1995–98

Mode	1995	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
Shore	80,705	75,944	82,286	76,104
Party/charter [2]	32,311	21,713	30,505	17,798
Private/rental	200,541	183,297	223,243	201,008
Total [3]	314,558	280,954	336,034	294,910

Mode	1995	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Shore	7,931	11,843	8,852	11,269
Party/charter	6,633	7,118	5,920	4,601
Private/rental	13,045	14,295	14,049	12,588
Total [3]	27,609	33,256	28,821	28,458

[1] 1995–1997 were revised. 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] 1995–1997 data were revised.Pacific estimates do not include salmon data collected by State recreational surveys. [5] The MRFSS was not conducted in 1995.

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, 1995–98 [1]

Species group	1995	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Sharks, other	2,066	1,797	1,800	2,248
Sharks, dogfish	841	773	1,342	1,184
Skates/rays	2,401	2,901	2,876	3,058
Eels	150	146	94	130
Herrings	30,835	30,548	40,343	32,763
Freshwater catfishes	683	1,036	827	1,102
Saltwater catfishes	14,071	8,305	8,661	7,831
Toadfishes	1,648	1,062	1,153	1,004
Atlantic cod	1,992	1,049	989	1,159
Pollock	806	465	285	452
Red hake	187	61	372	128
Codfishes/hakes, other	259	100	151	148
Searobins	4,810	5,287	5,766	3,997
Sculpins	68	82	32	86
White perch	3,613	4,598	6,813	5,001
Striped bass	10,899	13,657	17,471	16,573
Temperate basses, other	22	7	17	18
Black sea bass	17,738	10,944	14,166	7,191
Groupers	4,927	3,203	3,949	4,607
Sea basses, other	2,098	2,210	2,094	1,061
Bluefish	10,963	10,016	13,194	9,771
Crevalle jack	4,030	3,864	4,929	4,364
Blue runner	2,359	2,240	3,640	4,664
Greater amberjack	162	254	146	183
Florida pompano	661	304	744	895
Jacks, other	1,656	1,957	1,806	1,270
Dolphins	2,605	1,906	2,495	2,061
Gray snapper	4,663	4,611	5,494	5,735
Red snapper	1,595	1,731	3,033	2,724
Lane snapper	872	591	940	466
Vermilion snapper	1,146	458	473	381
Yellowtail snapper	1,348	1,080	1,490	1,024
Snappers, other	501	351	333	370
Pigfish	4,205	2,974	3,029	2,520
White grunt	5,761	3,887	4,663	4,425
Grunts, other	3,436	3,495	3,665	2,295
Scup	3,767	4,676	3,077	2,671
Pinfishes	17,158	15,567	19,928	17,748
Sheepshead	5,220	3,667	3,961	3,807
Red porgy	237	254	84	88
Porgies, other	484	425	650	267
Spotted seatrout	24,863	21,056	26,733	22,487
Weakfish	5,696	7,306	6,832	5,701
Sand seatrout	4,452	4,870	3,375	3,674
Silver perch	2,182	1,702	847	1,240
Spot	11,555	7,346	9,961	9,775
Kingfishes	4,379	4,524	5,142	4,662
Atlantic croaker	17,593	16,671	2,550	22,755
Black drum	1,626	1,225	1,735	1,770
Red drum	9,284	7,274	8,793	7,671
Drums, other	1,373	1,077	1,497	875
Mullets	4,769	3,733	3,257	3,756
Barracudas	919	844	599	546
Tautog	3,746	2,218	1,780	1,768
Cunner	1,339	59	793	711
Wrasses, other	191	121	117	84
Little tunny/Atl. bonito	784	705	978	957
Atlantic mackerel	4,117	3,442	5,194	2,213
King mackerel	1,248	1,234	1,400	1,146
Spanish mackerel	2,584	3,120	3,544	2,760
Tunas/mackerels, other	1,019	922	919	816
Summer flounder	16,309	19,044	20,053	22,114
Gulf flounder	166	176	249	313
Southern flounder	1,466	1,229	1,304	1,130
Winter flounder	2,290	2,838	2,114	1,117
Flounders, other	1,302	1,531	1,785	2,631
Triggerfishes/filefishes	862	736	743	623
Puffers	949	826	1,045	763
Other fishes	14,543	12,050	12,762	13,379
Total [2]	314,558	280,954	336,034	294,910

[1] 1995–1997 were revised. Data does not include recreational catch in Texas or headboats (party boats) in the South Atlantic and the Gulf of Mexico. [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], 1995–98

Species group	1995	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Spiny dogfish	28	632	538	423
Sharks, other	545	348	605	258
Skates/Rays	192	214	197	139
Sturgeons	73	24	26	46
Pacific herring	49	0	0	0
Other herrings	77	588	448	1,480
Northern anchovy	137	270	61	3
Other anchovies	1	0	1	0
Surf smelt	1,413	4,355	1,624	4,834
Smelts, other	3	0	2	0
Pacific cod	0	10	2	3
Pacific tomcod	3	17	22	4
Walleye pollock	0	0	0	0
Pacific hake	1	7	2	3
Other cods and hakes	0	1	0	1
Jacksmelt	775	626	637	514
Other Silversides	197	152	98	39
Striped bass	151	179	169	308
Kelpbass	1,599	1,701	1,723	1,223
Spotted sand bass	423	454	405	213
Barred sand bass	1,514	1,634	1,411	994
Sea basses, other	66	104	74	156
Yellowtail	30	92	855	760
Other jacks	51	5	11	23
White croaker	1,408	1,953	1,063	681
California corbina	57	37	24	24
Queenfish	116	237	103	55
Croakers, other	224	181	283	206
Opaleye	140	38	40	114
Halfmoon	98	50	28	41
Other seachubs	10	1	2	0
Shiner perch	83	338	321	144
Striped seaperch	98	197	113	220
Black perch	86	92	65	104
Walleye surfperch	171	157	208	74
Silver surfperch	57	55	115	45
White seaperch	44	55	43	23
Pile perch	29	126	46	62
Redtail surfperch	91	113	41	102
Barred surfperch	672	542	611	876
Surfperches, other	499	477	370	273
Pacific barracuda	1,379	584	849	1,202
California sheephead	60	81	47	55
Other wrasses	10	20	12	8
Pacific bonito	100	146	202	152
Chub mackerel	5,146	6,058	5,721	3,023
Tunas	32	3	9	238
Other Mackerels	37	13	151	16
Brown rockfish	80	114	101	82
Copper rockfish	77	209	102	174
Widow rockfish	9	38	48	67
Chilipepper rockfish	28	45	3	9
Yellowtail rockfish	140	212	352	275
Quillback rockfish	5	48	48	69
Black rockfish	631	599	595	1,187
Blue rockfish	440	604	736	916
Bocaccio	24	66	65	41
Canary rockfish	201	131	115	108
Greenspotted rockfish	179	86	44	41
Olive rockfish	66	64	62	78
Gopher rockfish	92	114	76	103
California scorpionfish	351	576	375	226
Rockfishes, other	1,611	2,213	1,320	1,719
Sablefishes	0	1	7	1
Kelp greenling	95	210	176	127
Lingcod	243	349	282	366
Greenlings, other	57	134	85	76
Cabezon	85	110	74	105
Sculpins, other	441	358	500	258
Sanddabs	150	527	555	294
California halibut	924	731	510	327
Rock sole	1	15	38	14
Starry flounder	6	5	11	20
Flatfishes, other	132	517	514	461
Other fishes	3,619	2,202	2,642	2,776
Total[2]	27,609	33,256	28,821	28,458

[1] 1995–1997 data were revised. Pacific estimates do not include salmon data collected by State recreational surveys. [2] Totals may not add due to rounding. The MRFSS was not conducted in Washington in 1995.

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, 1995–98

Area	1995	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Atlantic and Gulf: [1]				
Ocean 3 miles or less	59,166	53,444	62,780	46,218
Ocean over 3 miles	31,556	24,139	30,735	20,450
Ocean 10 miles or less [2]	42,430	28,348	37,161	31,767
Ocean over 10 miles [2]	16,543	11,913	8,336	9,653
Inland	164,862	163,110	197,022	186,820
Total [3]	314,558	280,954	336,034	294,910

Area	1995	1996	1997	1998
	Thousands	*Thousands*	*Thousands*	*Thousands*
Pacific: [4]				
Ocean 3 miles or less	17,841	18,204	17,273	12,685
Ocean over 3 miles	4,803	4,325	1,962	5,482
Inland	4,965	10,727	9,586	10,290
Total [3]	27,609	33,256	28,821	28,458

[1] 1995–1997 data were revised. Data does not include recreational catch in Texas or headboats (party boats) in the South Atlantic and the Gulf of Mexico. [2] This category refers to the Gulf Coast of Florida where State jurisdiction extends to 3 marine leagues, approximately 10 nautical miles. [3] Totals may not add due to rounding. [4] 1996 data were revised.Pacific estimates do not include salmon data collected by State recreational surveys. The MRFSS was not conducted in Washington in 1995.

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, 1990–99

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*
1990	360,435	75.8	81,269	101,876	183,145	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	70.9	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
1997	524,949	71.2	106,512	155,248	261,760	11,911	942
1998	564,355	74.3	113,092	168,306	281,398	10,807	1,386
1999	596,628	73.7	116,697	175,968	292,665	12,551	3,451

[1] Price for fish delivered to processing plant door. [2] Data furnished by U.S. Bureau of Census.

NASS, Livestock Branch, (202) 720–6146.

Table 15-31.—Farm-raised catfish: Prices received by processors, 1990–99

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*
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
1997	1.55	2.75	1.67	1.93	2.63	1.76
1998	1.59	2.80	1.72	1.94	2.69	1.73
1999	1.59	2.81	1.64	1.99	2.76	1.69

[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 Branch, (202) 720–6146.

Table 15-32.—Catfish: Number of operations and water surface acres used for production,1999-2000, and total sales, 1998-99, by State and United States

State	Number of operations on Jan. 1		Water surface accres used for production during Jan 1 - Jun 30		Total sales	
	1999 [1]	2000	1999 [1]	2000	1998 [1]	1999
	Number	*Number*	*Acres*	*Acres*	*1,000 dollars*	*1,000 dollars*
AL	250	255	21,300	22,100	61,485	71,124
AR	170	170	31,000	35,000	56,263	70,582
CA	53	46	2,000	2,400	7,561	7,647
FL	25	22	340	390	*	1,110
GA	55	60	1,050	990	1,335	1,263
IL	14	14	270	250	814	952
KS [2]	14	.....	170	.....	196	.....
KY	21	25	235	200	1,254	1,209
LA	98	94	13,700	13,500	28,554	32,434
MS	400	405	105,000	110,000	307,229	294,103
MO	35	40	1,600	1,860	1,908	2,854
NC	40	44	1,170	1,200	2,197	2,088
OK [2]	13	.....	320	.....	351	.....
SC	15	19	800	760	1,890	1,041
TN [2]	25	.....	290	.....	308	.....
TX	51	49	1,620	580	*	1,777
Oth Sts	.....	.....	.....	.....	3,964	.....
US	1,279	1,243	180,865	189,230	475,309	488,184

[1] Revised. [2] Estimates discontinued for 2000. * Included in other States to avoid disclosure of individual operations.
NASS, Livestock Branch, (202) 720-0585.

Table 15-33.—Catfish production: Water surface acre usage by State and United States, 1999-2000

State	Acres intended for utilization during Jan 1-Jun 30 for:					Acres taken out of production during Jul 1-Dec 31 prev. year
	Foodsize	Fingerlings	Broodfish	Currently under or scheduled for:		
				Renovation	New construction	
1999						
AL	18,600	1,900	560	430	380	480
AR	24,000	5,500	800	800	900	500
CA	1,640	205	110	180	*	130
FL	260	*	20	*	90	*
GA	740	160	50	110	15	70
IL	130	45	20	*	*	*
KS	70	35	60	15	*	*
KY	160	*	10	30	*	10
LA	11,700	1,500	190	270	*	340
MS	85,300	14,500	3,600	3,000	3,000	1,100
MO	1,000	430	60	80	*	50
NC	920	195	55	35	25	*
OK	180	80	35	*	*	15
SC	570	140	75	*	*	*
TN	245	20	30	*	.....	*
TX	1,100	380	125	60	*	25
Oth Sts	.....	85	.....	210	710	40
US	146,615	25,175	5,800	5,220	5,120	2,760
2000						
AL	19,400	2,000	560	410	230	210
AR	28,000	4,900	1,150	950	550	650
CA	2,000	290	140	300	25	70
FL	320	50	*	*	*	40
GA	600	180	50	*	*	100
IL	150	90	10	*	*	*
KY	150	*	*	*	40	25
LA	11,600	1,300	260	930	540	740
MS	87,400	14,500	3,900	3,100	1,900	1,800
MO	940	*	45	*	*	*
NC	980	170	40	70	*	90
SC	590	95	35	*	*	35
TX	350	110	60	40	340	30
Oth Sts	.....	765	15	290	255	110
US	152,480	24,450	6,265	6,090	3,880	3,900

[1] Revised. * Included in other States to avoid disclosure of individual operations.
NASS, Livestock Branch, (202) 720–0585.

Table 15-34.—Catfish: Sales by size category, by State and United States, 1998-1999

Size category and State	Number of fish		Live weight		Sales			
					Total		Average per pound	
	1998 [1]	1999	1998 [1]	1999	1998 [1]	1999	1998 [1]	1999
	1,000	*1,000*	*1,000 pounds*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*Dollars*	*Dollars*
Foodsize:								
AL	46,850	54,800	88,500	103,000	60,180	69,010	0.68	0.67
AR	40,000	50,000	68,000	87,500	50,320	64,750	0.74	0.74
CA	1,750	1,720	4,090	3,670	7,280	7,413	1.78	2.02
FL	410	770	610	1,300	482	910	0.79	0.70
GA	810	880	1,020	1,060	1,122	1,113	1.10	1.05
IL	640	350	705	445	465	574	0.66	1.29
KS [2]	51	.....	91	.....	133	.....	1.46	.....
KY	490	450	1,070	990	1,209	1,178	1.13	1.19
LA	26,880	27,800	39,490	44,400	28,038	31,968	0.71	0.72
MS	286,350	283,100	390,000	385,000	288,600	281,050	0.74	0.73
MO	1,140	1,270	1,450	2,630	1,102	2,130	0.76	0.81
NC	1,490	1,330	2,430	2,350	1,847	1,739	0.76	0.74
OK [2]	134	.....	205	.....	168	.....	0.82	.....
SC	1,370	1,280	1,820	1,310	1,784	1,022	0.98	0.78
TN [2]	146	.....	214	.....	250	.....	1.17	.....
TX	1,240	510	1,670	1,200	2,405	1,596	1.44	1.33
US	409,751	424,260	601,365	634,855	445,385	464,453	0.74	0.73
Broodfish:								
AL	11	*	48	*	38	*	0.80	*
AR	45	90	200	370	146	296	0.73	0.80
CA	*	*	*	*	*	*	*	*
FL	*	*	*	*	*	*	*	*
GA	*	*	*	*	*	*	*	*
IL	*	*	*	*	*	*	*	*
KY	*	*	*	*	*	*	*	*
LA	*	*	*	*	*	*	*	*
MS	300	360	1,250	1,450	1,125	1,050	0.90	0.72
MO	*	*	*	*	*	*	*	*
NC	*	*	*	*	*	*	*	*
OK [2]	*	.....	*	.....	*	.....	*	.....
SC	*	*	*	*	*	*	*	*
TN [2]	*	.....	*	.....	*	.....	*	.....
TX	*	*	*	*	*	*	*	*
Oth Sts	26	26	137	155	178	196	1.30	1.26
US	382	476	1,635	1,975	1,487	1,542	0.91	0.78

See footnotes at end of table.

Table 15-34.—Catfish: Sales by size category, by State and United States, 1998–1999—Continued

Size category and State	Number of fish		Live weight		Sales			
					Total		Average per pound	
	1998 [1]	1999	1998 [1]	1999	1998 [1]	1999	1998 [1]	1999
	1,000	*1,000*	*1,000 pounds*	*1,000 pounds*	*1,000 dollars*	*1,000 dollars*	*Dollars*	*Dollars*
Stockers:								
AL	1,350	*	194	*	178	*	0.92	*
AR	7,200	4,000	2,050	800	2,255	928	1.10	1.16
CA	140	*	64	*	127	*	1.98	*
FL	*	*	*	*	*	*	*	*
GA	*	*	*	*	*	*	*	*
IL	*	*	*	*	*	*	*	*
KS [2]	77	.....	49	.....	52	.....	1.06	.....
KY	*	*	*	*	*	*	*	*
LA	*	*	*	*	*	*	*	*
MS	24,130	9,670	3,290	1,070	3,290	1,081	1.00	1.01
MO	3,770	*	715	*	672	*	0.94	*
NC	*	*	*	*	*	*	*	*
OK [2]	*	.....	*	.....	*	.....	*	.....
SC	*	*	*	*	*	*	*	*
TN [2]	*	.....	*	.....	*	.....	*	.....
TX	670	460	387	89	437	95	1.13	1.07
Oth Sts	5,235	9,953	873	1,363	875	1,537	1.00	1.13
US	42,572	24,083	7,622	3,322	7,886	3,641	1.03	1.10
Fingerlings and fry:								
AL	16,380	16,200	547	695	1,089	1,501	1.99	2.16
AR	174,500	87,000	2,200	2,250	3,542	4,608	1.61	2.05
CA	520	620	18	22	61	81	3.39	3.68
FL	1,110	*	28	*	130	*	4.65	*
GA	3,100	*	52	*	103	*	1.98	*
IL	*	*	*	*	*	*	*	*
KS	50	.....	1	.....	11	.....	11.40	.....
KY	*	*	*	*	*	*	*	*
LA	14,560	5,600	91	225	188	407	2.07	1.81
MS	682,470	523,300	8,720	6,150	14,214	10,922	1.63	1.78
MO	*	1,420	*	30	*	104	*	3.47
NC	*	7,810	*	192	*	326	*	1.70
OK [2]	*	.....	*	.....	*	.....	*	.....
SC	*	450	*	16	*	19	*	1.19
TN [2]	*	.....	*	.....	*	.....	*	.....
TX	3,500	*	187	*	499	*	2.67	*
Oth Sts	12,004	5,480	504	156	714	580	1.42	3.72
US	908,194	647,880	12,348	9,736	20,551	18,548	1.66	1.91

[1] Revised. [2] Estimates discontinued for 1999. * Included in other States to avoid disclosure of individual operations.

Table 15-35—Trout: Number of operations by State and United States, 1999-2000

State	Total		Selling trout		Distributing trout [1]	
	1999 [2]	2000	1999 [2]	2000	1999 [2]	2000
	Number	*Number*	*Number*	*Number*	*Number*	*Number*
AR	6	5	1	.....	5	5
CA	39	30	22	17	18	14
CO	45	46	27	28	18	18
CT	9	8	6	5	4	3
GA	14	9	11	7	4	4
ID	58	58	33	33	29	25
ME	17	17	9	10	10	9
MA	13	15	8	10	6	5
MI	39	30	34	28	7	4
MO	15	13	10	8	5	5
NY	40	39	30	30	10	9
NC	74	69	70	64	4	5
OR	52	43	21	16	31	27
PA	51	54	38	35	14	22
TN	23	17	12	10	11	7
UT	27	28	15	16	12	12
VA	40	33	35	29	5	4
WA	50	66	16	16	36	51
WV	32	33	23	24	9	12
WI	70	81	55	63	18	23
US	714	694	476	449	256	264

[1] Trout distributed for restoration or conservation purposes. [2] Revised.
NASS, Livestock Branch, (202) 720-0585.

Table 15-36.—Trout: Value of fish sold and distributed, by State (excluding eggs), and United States (including and excluding eggs), 1998-1999

State	Total value of fish sold		Total value of distributed fish	
	1998 [1]	1999	1998 [2]	1999
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*
AR	*	.....	.....	*
CA	4,346	5,083	.....	7,159
CO	3,379	2,642	.....	4,628
CT	*	233	.....	*
GA	624	550	.....	*
ID	34,055	37,646	.....	4,012
ME	542	426	.....	*
MA	*	509	.....	*
MI	1,151	1,113	.....	*
MO	1,817	1,829	.....	*
NY	921	696	.....	*
NC	6,320	6,355	.....	*
OR	786	561	.....	3,894
PA	5,447	5,385	.....	9,586
TN	704	418	.....	*
UT	1,871	1,697	.....	*
VA	1,957	1,999	.....	1,120
WA	1,886	2,466	.....	5,968
WV	663	695	.....	1,190
WI	1,687	1,689	.....	2,216
Oth Sts	630	.....	.....	22,175
US [3]	68,786	71,992	.....	61,948
US [4]	73,978	76,922	.....	63,376

[1] Revised. [2] Comparable data not available. [3] Excludes value of eggs. [4] Includes value of eggs.
NASS, Livestock Branch, (202) 720-0585.

Table 15-37.—Trout: Sales by size category, by State and United States, 1998-1999

Size category and State	Number of fish		Live weight		Sales			
					Total		Average per pound	
	1998 [1]	1999	1998 [1]	1999	1998 [1]	1999	1998 [1]	1999
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Dollars*	*Dollars*
12 inch or longer (foodsize):								
AR	*	.....	*	.....	*	.....	*	.....
CA	1,500	1,980	2,020	2,310	3,919	4,574	1.94	1.98
CO	710	700	960	774	2,371	2,020	2.47	2.61
CT	35	19	25	20	85	115	3.40	5.75
GA	177	350	143	317	420	542	2.94	1.71
ID	45,550	47,500	44,420	46,000	33,759	37,260	0.76	0.81
ME	*	*	*	*	*	*	*	*
MA	71	87	60	86	209	342	3.49	3.98
MI	340	320	350	352	777	859	2.22	2.44
MO	570	*	480	*	960	*	2.00	*
NY	114	98	123	93	458	374	3.72	4.02
NC	3,660	4,640	4,160	4,510	5,491	5,953	1.32	1.32
OR	250	171	268	219	504	394	1.88	1.80
PA	1,470	1,500	1,440	1,510	3,571	3,941	2.48	2.61
TN	*	136	*	166	*	359	*	2.16
UT	420	740	465	656	1,353	1,220	2.91	1.86
VA	950	898	863	883	1,778	1,810	2.06	2.05
WA	420	313	677	872	1,320	1,718	1.95	1.97
WV	320	372	362	395	648	679	1.79	1.72
WI	580	430	531	368	1,481	1,251	2.79	3.40
Oth Sts	417	736	548	752	1,169	1,543	2.13	2.05
US	57,554	60,990	57,895	60,283	60,273	64,954	1.04	1.08
6 inch-12 inch (stockers)								
CA	350	305	170	163	333	328	1.96	2.01
CO	1,190	390	419	180	985	558	2.35	3.10
CT	*	*	*	*	*	*	*	*
GA	*	*	*	*	*	*	*	*
ID	1,340	*	240	*	269	*	1.12	*
ME	*	37	*	10	*	85	*	8.50
MA	74	76	38	42	135	148	3.54	3.53
MI	320	200	109	65	302	174	2.77	2.67
MO	*	*	*	*	*	*	*	*
NY	210	162	99	63	415	293	4.19	4.65
NC	860	240	415	98	589	141	1.42	1.44
OR	340	167	92	40	247	134	2.69	3.36
PA	1,580	1,250	560	372	1,742	1,246	3.11	3.35
TN	.....	*	.....	*	.....	*	.....	*
UT	490	540	310	250	505	450	1.63	1.80
VA	*	125	*	69	*	161	*	2.34
WA	*	1,380	*	278	*	678	*	2.44
WV	15	12	6	4	10	8	1.63	2.05
WI	200	480	67	164	189	399	2.82	2.43
Oth Sts	2,695	1,665	794	433	1,902	823	2.40	1.90
US	9,664	7,029	3,319	2,231	7,623	5,626	2.30	2.52

See footnotes at end of table.

Table 15-37.—Trout: Sales by size category, by State and United States, 1998-1999—Continued

Size category and State	Number of fish		Live weight		Sales			
					Total		Average per pound	
	1998 [1]	1999	1998 [1]	1999	1998 [1]	1999	1998 [1]	1999
	1,000 dollars	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*1,000 dollars*	*Dollars*	*Dollars*
inch-6 inch (fingerlings):								
CA	380	600	8	10	94	181	247.00	302.00
CO	176	260	8	8	23	64	132.00	245.00
CT	*	*	*	*	*	*	*	*
GA	*	*	*	*	*	*	*	*
ID	*	*	*	*	*	*	*	*
ME	*	79	*	4	*	74	*	935.00
MA	*	48	*	3	*	19	*	405.00
MI	320	310	17	10	72	80	226.00	259.00
MO	*	*	*	*	*	*	*	*
NY	186	112	6	3	48	29	260.00	258.00
NC	2,900	3,430	73	71	240	261	82.60	76.20
OR	160	177	2	2	35	33	217.00	184.00
PA	300	430	9	15	134	198	448.00	460.00
TN	*	*	*	*	*	*	*	*
UT	100	115	5	7	13	27	132.00	235.00
VA	*	148	*	2	*	28	*	191.00
WA	*	430	*	9	*	70	*	162.00
WV	18	42	1	2	5	8	279.00	200.00
WI	175	280	3	13	17	39	96.60	141.00
Oth Sts	1,492	3,480	30	98	209	301	140.00	86.50
US	6,207	9,941	162	257	890	1,412	143.00	142.00
Trout eggs	.....	.....	.....	.....	.....	.....	.....	.....
Region [2] [3]	.....	.....	.....	.....	.....	.....	.....	.....
North East	1,160	1,190	.....	.....	25	25	21.60	21.00
South and Central	245	604	.....	.....	5	12	20.40	19.90
West	341,754	309,620	.....	.....	5,162	4,893	15.10	15.80
US	343,159	311,414	.....	.....	5,192	4,930	15.10	15.80

[1] Revised. [2] Data published at the regional level to avoid disclosure of individual operations. [3] Regions are defined as follows - North East: CT, MA, ME, NY, PA, and WV; South: AR, GA, NC, TN, and VA; Central: MI, MO, and WI; West: CA, CO, ID, OR, UT, and WA.

Table 15-38.—Refrigerated warehouses: Gross refrigerated space by type of plant, United States, biennially, October 1981–99 [1] [2]

Type	1981	1983	1985	1987	1989
	1,000 Cubic Feet				
General:					
Public	956,153	1,028,300	1,110,394	1,285,860	1,391,901
Private and Semiprivate	539,992	573,463	589,132	676,369	603,402
Total	1,496,145	1,601,763	1,699,526	1,962,229	1,995,303
Apple:					
Public	26,940	18,871	19,383	19,750	21,945
Private and Semiprivate	401,889	445,996	466,768	494,404	554,150
Total	428,829	464,867	486,151	514,154	576,095
Total, all	1,924,973	2,066,631	2,185,677	2,476,384	2,571,397

Type	1991	1993	1995	1997	1999
	1,000 Cubic Feet				
General:					
Public	1,572,879	1,678,461	1,741,585	2,043,908	2,146,643
Private and Semiprivate	624,005	658,893	674,649	683,372	756,505
Total	2,196,884	2,337,354	2,416,234	2,727,280	2,903,152
Apple:					
Public	27,227	21,645	23,419	23,907	21,690
Private and Semiprivate	584,296	613,093	647,993	675,838	680,736
Total	611,523	634,737	671,412	699,745	702,426
Total, all	2,808,407	2,972,092	3,087,646	3,427,025	3,605,578

[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 Branch, (202) 720–8784.

Table 15-39.—Apple and pear storages: Number of refrigerated warehouses, gross and usable refrigerated space, regular and CA capacity, by State and United States, October 1, 1999 [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	34	30,697	23,226	6,503	1,557	8,060
CO	8	2,584	2,115	646	163	809
CT	31	1,738	1,389	408	157	565
ID	9	5,978	5,053	1,719	1,034	2,753
IL	15	1,231	1,030	355	80	435
IN	30	2,324	1,817	414	185	599
KY	4	139	110	36	0	36
ME	31	4,337	3,729	776	904	1,680
MD	8	1,529	1,214	208	354	562
MA	59	4,377	3,600	972	587	1,559
MI	181	32,838	28,787	4,718	7,733	12,451
MN	13	796	683	272	33	305
NH	23	2,004	1,752	329	492	821
NJ	24	5,787	4,870	565	183	747
NY	156	35,251	29,886	5,835	7,053	12,888
NC	21	5,098	4,421	1,621	480	2,101
OH	55	3,393	2,777	800	328	1,129
OR	51	49,673	39,486	7,996	3,774	11,769
PA	118	23,998	19,358	4,537	2,785	7,323
RI	7	181	167	32	25	57
SC	4	608	482	193	0	193
UT	24	4,206	3,599	533	565	1,099
VT	12	2,611	2,220	353	607	960
VA	40	14,088	12,243	3,149	1,612	4,761
WA	267	456,040	364,804	59,171	123,254	182,424
WV	15	7,135	5,859	1,923	494	2,417
WI	18	795	690	253	77	330
Oth Sts	16	2,991	2,415	575	339	914
US	1,274	702,427	567,782	104,892	154,855	259,747

*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 Branch, (202) 720–8784.

Table 15-40.—General storages: Gross and usable cooler and freezer space, by State and United States, October 1, 1999 [1] [2]

State	Cooler		Freezer		Total	
	Gross	Usable	Gross	Usable	Gross	Usable
	1,000 Cubic Feet					
AL	5,178	4,455	25,127	20,665	30,305	25,120
AK	245	238	1,955	1,813	2,200	2,051
AZ	*	*	*	*	*	*
AR	2,840	2,180	74,481	61,398	77,321	63,578
CA	146,862	116,259	246,383	190,096	393,245	306,355
CO	4,358	3,133	12,265	8,776	16,623	11,909
CT	1,026	719	4,232	3,318	5,258	4,037
DE	*	*	*	*	26,162	18,602
FL	65,932	53,185	167,140	137,156	233,072	190,341
GA	39,091	31,153	84,908	68,993	123,999	100,146
HI	*	*	*	*	4,553	2,326
ID	1,182	889	54,411	47,164	55,593	48,053
IL	24,122	17,780	87,983	65,089	112,105	82,869
IN	4,517	3,712	37,611	29,843	42,128	33,555
IA	11,740	8,258	57,701	48,250	69,441	56,508
KS	*	*	*	*	80,845	64,500
KY	*	*	*	*	15,029	11,905
LA	1,878	1,387	7,330	5,582	9,208	6,969
ME	360	274	12,023	8,826	12,383	9,100
MD	1,215	942	22,940	17,035	24,155	17,977
MA	6,178	5,032	42,486	33,980	48,664	39,012
MI	13,688	11,451	70,497	54,832	84,185	66,283
MN	15,602	11,108	43,963	33,387	59,565	44,495
MS	*	*	*	*	21,882	16,952
MO	30,167	24,778	65,786	53,438	95,953	78,216
MT	*	*	*	*	*	*
NE	8,630	7,076	29,259	23,234	37,889	30,310
NV	1,841	1,067	6,129	5,374	7,970	6,441
NH	*	*	*	*	*	*
NJ	26,156	20,372	47,293	35,871	73,449	56,243
NM	*	*	*	*	935	848
NY	24,859	17,827	59,347	41,255	84,206	59,082
NC	4,814	3,857	55,610	45,440	60,424	49,297
ND	*	*	*	*	8,126	6,222
OH	6,280	4,725	56,085	44,516	62,365	49,241
OK	2,545	2,076	6,159	3,968	8,704	6,044
OR	3,036	2,312	110,831	90,372	113,867	92,684
PA	16,581	11,647	115,527	94,106	132,108	105,753
RI	*	*	*	*	*	*
SC	1,203	883	20,140	16,100	21,343	16,983
SD	6,772	3,189	5,912	3,571	12,684	6,760
TN	927	724	38,211	29,628	39,138	30,352
TX	37,736	27,045	116,796	80,755	154,532	107,800
UT	3,080	2,341	23,006	19,055	26,086	21,396
VT	*	*	*	*	*	*
VA	18,345	15,033	39,154	32,165	57,499	47,198
WA	15,004	11,074	172,086	140,213	187,090	151,287
WV	*	*	*	*	2,420	1,096
WI	63,392	47,679	91,204	76,671	154,596	124,350
WY	*	*	*	*	*	*
Oth Sts	36,155	26,541	137,644	107,240	13,847	11,330
US	653,537	502,401	2,249,615	1,779,175	2,903,152	2,281,576

[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.

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Table 15-41.—Alaska crops: Acreage harvested, volume harvested, and value of production, 1990–99

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*
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	343
1997	1,500	7,000	22,500	(3)	(3)	820	337
1998	1,500	6,500	22,000	(3)	(3)	820	340
1999 [2]	1,500	4,600	20,300	(3)	(3)	850	NA

Year	Oats for grain	Barley for grain	All hay	Grain silage	Grass silage	Potatoes	Other vegetables [1]
	Volume harvested						
	Bushels	*Bushels*	*Tons*	*Tons*	*Tons*	*Cwt.*	*Cwt.*
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	283,000	14,400	(3)	(3)	126,000	38,625
1997	65,300	164,500	26,000	(3)	(3)	168,000	40,685
1998	45,000	122,900	23,760	(3)	(3)	150,000	41,850
1999 [2]	62,100	154,800	23,200	(3)	(3)	185,000	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*
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	891,000	2,736,000	(3)	2,494,000	1,443,000
1997	163,000	526,000	4,940,000	(3)	3,360,000	1,620,000
1998	117,000	442,000	4,740,000	(3)	3,135,000	1,397,000
1999 [2]	152,000	581,000	4,524,000	(3)	3,922,000	NA

[1] Excludes greenhouse-grown vegetables. [2] Preliminary. [3] Data no longer estimated. NA-not available.

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Table 15-42.—Crop ranking: Major field crops, rank by production, major States, 1998

Rank	State	Corn, grain	State	Soybeans	State	All wheat
		1,000 Bushels		*1,000 Bushels*		*1,000 Bushels*
1	IA	1,769,000	IA	496,800	KS	494,900
2	IL	1,473,450	IL	464,200	ND	307,700
3	NE	1,239,750	MN	285,600	OK	198,900
4	MN	1,032,750	IN	231,000	MT	168,790
5	IN	760,350	OH	193,160	WA	157,425
6	OH	470,940	MO	170,000	TX	136,500
7	SD	429,550	NE	165,000	SD	120,884
8	KS	418,950	SD	132,600	CO	103,470
9	WI	404,150	AR	85,000	ID	102,410
10	MO	285,000	KS	75,000	NE	82,800
	US	9,758,685	US	2,741,014	US	2,547,321

Rank	State	Winter wheat	State	Durum wheat	State	Other spring wheat
		1,000 Bushels		*1,000 Bushels*		*1,000 Bushels*
1	KS	494,900	ND	94,400	ND	211,200
2	OK	198,900	CA	15,750	MT	108,000
3	TX	136,500	AZ	15,120	MN	78,720
4	WA	136,500	MT	12,040	SD	59,200
5	CO	99,450	SD	624	ID	39,270
6	NE	82,800	MN	185	WA	20,925
7	OH	74,240		.....	OR	4,560
8	ID	63,140		.....	CO	4,020
9	SD	61,060		.....	UT	1,334
10	IL	57,600		.....	NV	640
	US	1,880,733	US	138,119	US	528,469

Rank	State	Sorghum, grain	State	Barley	State	Oats
		1,000 bushels		*1,000 bushels*		*1,000 bushels*
1	KS	264,000	ND	106,150	ND	25,200
2	TX	105,800	ID	59,280	SD	20,100
3	NE	56,400	MT	57,600	MN	19,530
4	MO	26,560	WA	33,800	WI	18,300
5	OK	15,300	MN	22,825	IA	10,915
6	CO	10,545	CO	9,430	PA	8,480
7	SD	9,940	OR	8,060	TX	6,890
8	IL	7,918	CA	7,500	NY	6,510
9	LA	7,500	WY	7,140	OH	6,500
10	AR	6,890	UT	7,055	NE	5,320
	US	519,933	US	352,125	US	165,981

Rank	State	All cotton	State	Peanuts	State	Rice
		1,000 bales		*1,000 pounds*		*1,000 cwt.*
1	TX	3,652.7	GA	1,511,655	AR	88,420
2	GA	1,542.0	TX	917,900	CA	32,698
3	CA	1,498.8	AL	432,415	LA	28,107
4	MS	1,444.0	NC	397,155	TX	15,846
5	AR	1,209.0	FL	233,100	MS	15,544
6	NC	1,026.0	VA	221,250	MO	7,436
7	LA	641.0	OK	159,750		.....
8	AZ	634.8	NM	62,040		.....
9	AL	553.0	SC	28,175		.....
10	TN	546.0		.....		.....
	US	13,918.2	US	3,963,440	US	188,051

Rank	State	All hay, baled	State	Alfalfa hay, baled	State	Other hay, baled
		1,000 tons		*1,000 tons*		*1,000 tons*
1	CA	8,554	CA	6,930	MO	6,240
2	SD	8,160	SD	5,760	TX	6,240
3	KS	8,020	MN	5,580	KY	4,830
4	MO	7,703	WI	5,320	TN	3,850
5	NE	7,680	NE	5,250	KS	3,420
6	MN	7,110	ID	4,859	OK	2,470
7	TX	6,870	KS	4,600	NE	2,430
8	KY	5,705	IA	4,500	SD	2,400
9	ID	5,549	MT	3,740	VA	2,280
10	IA	5,332	CO	3,402	AR	2,185
	US	151,780	US	82,310	US	69,470

Rank	State	All tobacco	State	Dry edible beans	State	Potatoes, Irish
		1,000 pounds		*1,000 cwt.*		*1,000 cwt.*
1	NC	551,730	ND	9,798	ID	138,000
2	KY	443,628	MI	4,425	WA	93,225
3	TN	111,100	NE	3,666	WI	30,895
4	VA	95,898	CO	2,868	ND	28,670
5	SC	92,250	MN	2,538	CO	27,985
6	GA	90,200	ID	2,112	OR	26,229
7	OH	17,934	CA	1,554	MN	21,170
8	FL	17,102	WA	890	ME	18,060
9	IN	17,000	WY	808	MI	14,648
10	PA	15,720	NY	426	CA	13,612
	US	1,479,867	US	30,418	US	475,771

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Table 15-43.—Crop ranking: Major field crops, rank by production, major States, 1999

Rank	State	Corn, grain	State	Soybeans	State	All wheat
		1,000 Bushels		*1,000 Bushels*		*1,000 Bushels*
1	IA	1,758,200	IA	478,375	KS	432,400
2	IL	1,491,000	IL	443,100	ND	242,109
3	NE	1,153,700	MN	282,900	MT	154,310
4	MN	990,000	IN	216,450	OK	150,500
5	IN	748,440	NE	180,625	WA	124,140
6	KS	420,180	OH	162,000	TX	122,400
7	WI	407,550	MO	147,125	SD	120,582
8	OH	403,200	SD	146,520	CO	107,200
9	SD	367,250	AR	93,800	ID	104,520
10	MI	253,500	KS	78,400	NE	86,400
	US	9,437,337	US	2,642,908	US	2,302,443

Rank	State	Winter wheat	State	Durum wheat	State	Other spring wheat
		1,000 Bushels		*1,000 Bushels*		*1,000 Bushels*
1	KS	432,400	ND	72,000	ND	168,000
2	OK	150,500	MT	9,450	MT	108,000
3	TX	122,400	CA	8,925	MN	78,000
4	CO	103,200	AZ	7,275	SD	59,850
5	WA	96,860	SD	1,512	ID	50,560
6	NE	86,400	MN	160	WA	27,280
7	OH	72,100		.....	OR	5,049
8	IL	60,600		.....	CO	4,000
9	SD	59,220		.....	UT	1,400
10	ID	53,960		.....	NV	425
	US	1,699,989	US	99,322	US	503,132

Rank	State	Sorghum, grain	State	Barley	State	Oats
		1,000 bushels		*1,000 bushels*		*1,000 bushels*
1	KS	258,400	ND	59,520	WI	18,600
2	TX	185,850	MT	57,500	MN	17,700
3	NE	42,770	ID	53,820	ND	16,830
4	MO	22,010	WA	28,910	SD	12,800
5	LA	19,270	CO	9,030	IA	11,375
6	OK	18,000	MN	8,430	PA	7,975
7	AR	9,750	CA	8,000	OH	7,000
8	IL	9,215	WY	7,310	MI	4,875
9	CO	8,610	AZ	7,068	TX	4,840
10	NM	7,425	OR	6,885	NY	4,760
	US	595,166	US	281,853	US	146,218

Rank	State	All cotton	State	Peanuts	State	Rice
		1,000 bales		*1,000 pounds*		*1,000 cwt.*
1	TX	5,097.0	GA	1,419,600	AR	97,047
2	CA	2,195.0	TX	924,000	CA	38,850
3	MS	1,740.0	AL	471,500	LA	30,825
4	GA	1,570.0	NC	291,550	MS	18,250
5	AR	1,430.0	FL	263,200	TX	15,550
6	LA	900.0	VA	217,500	MO	9,936
7	NC	810.0	OK	197,600		.....
8	AZ	699.0	NM	58,800		.....
9	AL	640.0	SC	26,450		.....
10	TN	590.0		.....		.....
	US	16,952.9	US	3,870,200	US	210,458

Rank	State	All hay, baled	State	Alfalfa hay, baled	State	Other hay, baled
		1,000 tons		*1,000 tons*		*1,000 tons*
1	TX	13,135	CA	7,004	TX	12,420
2	SD	9,440	SD	6,720	MO	5,920
3	CA	8,462	WI	6,510	KY	4,085
4	NE	7,610	MN	5,600	OK	3,740
5	WI	7,510	NE	5,180	TN	3,700
6	KS	7,255	IA	5,070	NE	2,430
7	MO	7,225	ID	4,600	ND	2,393
8	MN	7,130	KS	3,740	AR	2,330
9	IA	5,970	MT	3,630	AL	1,840
10	ND	5,511	MI	3,610	VA	1,840
	US	159,077	US	83,924	US	75,153

Rank	State	All tobacco	State	Dry edible beans	State	Potatoes, Irish
		1,000 pounds		*1,000 cwt.*		*1,000 cwt.*
1	NC	449,620	ND	8,265	ID	133,330
2	KY	404,863	MI	7,350	WA	95,200
3	TN	110,569	NE	3,740	WI	34,000
4	VA	87,185	CO	2,755	CO	28,419
5	SC	78,000	CA	2,600	OR	28,020
6	GA	64,020	MN	2,558	ND	26,400
7	OH	17,052	ID	2,112	MN	18,020
8	FL	15,300	WY	788	ME	17,813
9	IN	11,700	WA	750	CA	16,227
10	PA	11,170	TX	701	MI	14,963
	US	1,275,438	US	33,230	US	478,398

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Table 15-44.—U.S. crop progress: 1999 crop and 5-year average

[In percent]

Week-ending date	Winter wheat							
	Planted		Emerged		Headed		Harvested	
	1999	Avg	1999	Avg	1999	Avg	1999	Avg
1998: [1]								
Sep 6	6	6	...	...	...	...	...	...
Sep 13	13	14	3	3	...	...	...	...
Sep 20	21	26	8	8	...	...	...	...
Sep 27	33	39	15	17	...	...	...	...
Oct 4	47	54	25	29	...	...	...	...
Oct 11	58	70	36	42	...	...	...	...
Oct 18	75	81	50	57	...	...	...	...
Oct 25	84	87	67	70	...	...	...	...
Nov 1	90	91	75	79	...	...	...	...
Nov 8	93	94	83	85	...	...	...	...
Nov 15	95	95	88	89	...	...	...	...
Nov 22	97	97	92	92	...	...	...	...
Nov 29	...	...	94	94	...	...	...	...
1999:								
Apr 4	...	...	...	...	2	2	...	...
Apr 11	...	...	...	...	5	3	...	...
Apr 18	...	...	...	...	9	7	...	...
Apr 25	...	...	...	...	15	13	...	...
May 2	...	...	...	...	29	23	...	...
May 9	...	...	...	...	43	36	...	...
May 16	...	...	...	...	59	51	...	...
May 23	...	...	...	...	72	66	...	...
May 30	...	...	...	...	80	78	2	1
Jun 6	...	...	...	...	88	86	5	5
Jun 13	...	...	...	...	93	92	10	11
Jun 20	...	...	...	...	...	...	17	22
Jun 27	...	...	...	...	...	...	24	36
Jul 4	...	...	...	...	...	...	45	53
Jul 11	...	...	...	...	...	...	70	66
Jul 18	...	...	...	...	...	...	81	76
Jul 25	...	...	...	...	...	...	86	82
Aug 1	...	...	...	...	...	...	89	88
Aug 8	...	...	...	...	...	...	92	92
Aug 15	...	...	...	...	...	...	94	95

Week-ending date	Spring wheat							
	Planted		Emerged		Headed		Harvested	
	1999	Avg	1999	Avg	1999	Avg	1999	Avg
1999:								
Apr 4	3	1	...	...	...	...	...	...
Apr 11	7	2	...	...	...	...	...	...
Apr 18	11	7	...	...	...	...	...	...
Apr 25	21	16	...	...	...	...	...	...
May 2	42	30	11	9	...	...	...	...
May 9	56	46	28	18	...	...	...	...
May 16	60	61	39	33	...	...	...	...
May 23	68	77	49	52	...	...	...	...
May 30	85	89	65	69	...	...	...	...
Jun 6	92	96	80	83	...	...	...	...
Jun 13	97	99	91	93	2	3	...	...
Jun 20	...	...	96	98	9	9	...	...
Jun 27	...	...	...	...	28	24	...	...
Jul 4	...	...	...	...	49	47	...	...
Jul 11	...	...	...	...	63	68	...	...
Jul 18	...	...	...	...	80	83	...	...
Jul 25	...	...	...	...	88	93	1	1
Aug 1	...	...	...	...	96	98	6	5
Aug 8	...	...	...	...	...	...	20	14
Aug 15	...	...	...	...	...	...	29	31
Aug 22	...	...	...	...	...	...	42	48
Aug 29	...	...	...	...	...	...	60	65
Sep 5	...	...	...	...	...	...	70	79
Sep 12	...	...	...	...	...	...	76	90
Sep 19	...	...	...	...	...	...	83	95
Sep 26	...	...	...	...	...	...	93	98

See footnote at end of table.

Table 15-44.—U.S. crop progress: 1999 crop and 5-year average—Continued

[In percent]

Week-ending date	Rice								Sorghum									
	Planted		Emerged		Headed		Harvested		Planted		Headed		Coloring		Mature		Harvested	
	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg
1999:																		
Apr 4 ...	12	9	...	...	...	...	...	...	13	15	...	...	...	...	...	...	...	...
Apr 11	16	19	...	...	...	...	...	...	14	17	...	...	...	...	...	...	...	...
Apr 18	24	31	...	...	...	...	...	...	15	20	...	...	...	...	...	...	...	...
Apr 25	44	47	...	...	...	...	...	...	17	22	...	...	...	...	...	...	...	...
May 2 ..	58	60	29	32	...	...	...	...	18	24	...	...	...	...	...	...	...	...
May 9 ..	74	72	46	49	...	...	...	...	21	29	...	...	...	...	...	...	...	...
May 16	88	82	63	63	...	...	...	...	25	35	...	...	...	...	...	...	...	...
May 23	95	90	78	74	...	...	...	...	32	45	...	...	...	...	...	...	...	...
May 30	98	95	93	84	...	...	...	...	44	56	...	...	...	...	...	...	...	...
Jun 6 ..	...	...	97	91	...	...	...	...	58	66	...	...	...	...	...	...	...	...
Jun 13	...	...	...	...	...	...	...	...	77	77	...	...	...	...	...	...	...	...
Jun 20	...	...	...	...	6	3	...	...	85	87	...	...	...	...	...	...	...	...
Jun 27	...	...	...	...	13	7	...	...	90	94	...	...	...	...	...	...	...	...
Jul 4	...	...	...	...	17	12	...	...	95	97	19	24	...	...	...	...	...	...
Jul 11 ..	...	...	...	...	21	18	...	...	...	...	21	28	...	...	...	...	...	...
Jul 18 ..	...	...	...	...	27	27	...	...	...	...	24	33	17	21	...	...	...	...
Jul 25 ..	...	...	...	...	38	38	...	...	...	...	33	41	19	23	...	...	...	...
Aug 1 ..	...	...	...	...	50	52	5	4	...	...	48	52	22	25	...	...	...	...
Aug 8 ..	...	...	...	...	69	67	13	7	...	...	63	66	26	29	...	...	...	...
Aug 15	...	...	...	...	84	81	16	10	...	...	81	78	32	34	...	...	...	...
Aug 22	...	...	...	...	91	91	19	16	...	...	89	88	40	42	...	...	...	...
Aug 29	...	...	...	...	96	97	26	22	...	...	94	94	53	54	28	28	...	...
Sep 5 ..	...	...	...	...	...	...	35	28	...	...	...	...	68	68	36	33	...	...
Sep 12	...	...	...	...	...	...	47	40	...	...	...	...	82	80	44	40	27	23
Sep 19	...	...	...	...	...	...	59	54	...	...	...	...	90	89	52	50	31	27
Sep 26	...	...	...	...	...	...	72	67	...	...	...	...	95	94	64	63	36	30
Oct 3 ...	...	...	...	...	...	...	82	79	...	...	...	...	...	...	77	75	40	36
Oct 10	...	...	...	...	...	...	90	87	...	...	...	...	...	...	85	85	47	45
Oct 17	...	...	...	...	...	...	95	93	...	...	...	...	...	...	92	92	61	57
Oct 24	...	...	...	...	...	...	...	...	...	...	...	...	...	...	96	96	77	70
Oct 31	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	88	80
Nov 7 ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	93	87
Nov 14	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	97	91

Week-ending date	Corn													
	Planted		Emerged		Silked		Dough		Dent		Mature		Harvested	
	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg
1999:														
Apr 4	3	2	...	...	...	...	...	...	...	...	...	...	...	...
Apr 11	4	3	...	...	...	...	...	...	...	...	...	...	...	...
Apr 18	6	6	...	...	...	...	...	...	...	...	...	...	...	...
Apr 25	10	15	...	...	...	...	...	...	...	...	...	...	...	...
May 2	21	34	5	NA	...	...	...	...	...	...	...	...	...	...
May 9	55	52	11	NA	...	...	...	...	...	...	...	...	...	...
May 16 ...	77	68	30	NA	...	...	...	...	...	...	...	...	...	...
May 23 ...	87	82	60	NA	...	...	...	...	...	...	...	...	...	...
May 30 ...	96	90	80	NA	...	...	...	...	...	...	...	...	...	...
Jun 6	...	...	92	NA	...	...	...	...	...	...	...	...	...	...
Jun 13	...	...	97	NA	...	...	...	...	...	...	...	...	...	...
Jun 20	...	...	...	...	3	2	...	...	...	...	...	...	...	...
Jun 27	...	...	...	...	4	4	...	...	...	...	...	...	...	...
Jul 4	...	...	...	...	7	6	...	...	...	...	...	...	...	...
Jul 11	...	...	...	...	16	14	...	...	...	...	...	...	...	...
Jul 18	...	...	...	...	40	32	6	5	...	...	...	...	...	...
Jul 25	...	...	...	...	75	57	11	9	...	...	...	...	...	...
Aug 1	...	...	...	...	91	78	24	16	...	...	...	...	...	...
Aug 8	...	...	...	...	97	90	41	28	10	7	...	...	...	...
Aug 15	...	...	...	...	...	...	65	46	22	14	...	...	...	...
Aug 22	...	...	...	...	...	...	81	65	42	25	...	...	...	...
Aug 29	...	...	...	...	...	...	92	81	62	44	12	9	...	...
Sep 5	...	...	...	...	...	...	97	91	80	63	25	16	4	3
Sep 12	...	...	...	...	...	...	...	...	92	80	43	29	7	5
Sep 19	...	...	...	...	...	...	...	...	97	91	66	49	12	8
Sep 26	...	...	...	...	...	...	...	...	...	...	85	69	19	12
Oct 3	...	...	...	...	...	...	...	...	...	...	94	84	29	19
Oct 10	...	...	...	...	...	...	...	...	...	...	97	93	43	28
Oct 17	...	...	...	...	...	...	...	...	...	...	...	...	59	42
Oct 24	...	...	...	...	...	...	...	...	...	...	...	...	77	57
Oct 31	...	...	...	...	...	...	...	...	...	...	...	...	89	72
Nov 7	...	...	...	...	...	...	...	...	...	...	...	...	95	83
Nov 14	...	...	...	...	...	...	...	...	...	...	...	...	98	91

See footnote at end of table.

Table 15-44.—U.S. crop progress: 1999 crop and 5-year average—Continued

[In percent]

Week-ending date	Soybeans											
	Planted		Emerged		Blooming		Pods set		Leaf drop		Harvested	
	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg
1999:												
May 2	3	4	...	...	...	...	...	...	...	...	...	...
May 9	12	11	...	...	...	...	...	...	...	...	...	...
May 16	28	25	6	NA	...	...	...	...	...	...	...	...
May 23	44	46	18	NA	...	...	...	...	...	...	...	...
May 30	71	61	37	NA	...	...	...	...	...	...	...	...
Jun 6	84	71	62	NA	...	...	...	...	...	...	...	...
Jun 13	91	80	81	NA	...	...	...	...	...	...	...	...
Jun 20	94	88	89	NA	...	...	...	...	...	...	...	...
Jun 27	97	94	94	NA	6	3	...	...	...	...	...	...
Jul 4	...	...	97	NA	16	10	...	...	...	...	...	...
Jul 11	...	...	...	...	35	23	5	3	...	...	...	...
Jul 18	...	...	...	...	55	41	12	8	...	...	...	...
Jul 25	...	...	...	...	74	60	27	19	...	...	...	...
Aug 1	...	...	...	...	85	75	46	34	...	...	...	...
Aug 8	...	...	...	...	91	85	65	54	...	...	...	...
Aug 15	...	...	...	...	96	92	80	70	...	...	...	...
Aug 22	...	...	...	...	...	...	90	83	3	1	...	...
Aug 29	...	...	...	...	...	...	94	92	6	3	...	...
Sep 5	...	...	...	...	...	...	...	...	13	8	...	...
Sep 12	...	...	...	...	...	...	...	...	29	22	2	1
Sep 19	...	...	...	...	...	...	...	...	52	45	6	4
Sep 26	...	...	...	...	...	...	...	...	76	67	15	11
Oct 3	...	...	...	...	...	...	...	...	88	81	32	26
Oct 10	...	...	...	...	...	...	...	...	94	90	54	45
Oct 17	...	...	...	...	...	...	...	...	96	95	74	65
Oct 24	...	...	...	...	...	...	...	...	...	...	86	78
Oct 31	...	...	...	...	...	...	...	...	...	...	93	86
Nov 7	...	...	...	...	...	...	...	...	...	...	95	91
Nov 14	...	...	...	...	...	...	...	...	...	...	97	94

Week-ending date	Cotton									
	Planted		Squaring		Bolls set		Bolls open		Harvested	
	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg
1999:										
Apr 4	4	6	...	...	...	...	...	...	...	...
Apr 11	5	7	...	...	...	...	...	...	...	...
Apr 18	10	12	...	...	...	...	...	...	...	...
Apr 25	14	19	...	...	...	...	...	...	...	...
May 2	22	28	...	...	...	...	...	...	...	...
May 9	35	42	...	...	...	...	...	...	...	...
May 16	56	58	...	...	...	...	...	...	...	...
May 23	69	72	4	4	...	...	...	...	...	...
May 30	82	81	7	8	...	...	...	...	...	...
Jun 6	92	87	11	14	...	...	...	...	...	...
Jun 13	95	93	23	24	...	...	...	...	...	...
Jun 20	...	...	38	37	...	...	...	...	...	...
Jun 27	...	...	50	53	10	12	...	...	...	...
Jul 4	...	...	66	69	16	19	...	...	...	...
Jul 11	...	...	77	80	27	32	...	...	...	...
Jul 18	...	...	88	89	41	47	...	...	...	...
Jul 25	...	...	93	94	61	65	...	...	...	...
Aug 1	...	...	97	97	77	78	...	...	...	...
Aug 8	...	...	...	...	87	87	7	9	...	...
Aug 15	...	...	...	...	94	94	13	14	...	...
Aug 22	...	...	...	...	...	...	23	20	...	...
Aug 29	...	...	...	...	...	...	35	28	...	...
Sep 5	...	...	...	...	...	...	46	40	...	...
Sep 12	...	...	...	...	...	...	59	52	8	7
Sep 19	...	...	...	...	...	...	71	64	13	11
Sep 26	...	...	...	...	...	...	80	73	19	15
Oct 3	...	...	...	...	...	...	87	80	28	23
Oct 10	...	...	...	...	...	...	91	86	36	32
Oct 17	...	...	...	...	...	...	95	90	46	42
Oct 24	...	...	...	...	...	...	...	...	55	52
Oct 31	...	...	...	...	...	...	...	...	64	60
Nov 7	...	...	...	...	...	...	...	...	72	70
Nov 14	...	...	...	...	...	...	...	...	77	76
Nov 21	...	...	...	...	...	...	...	...	82	83
Nov 28	...	...	...	...	...	...	...	...	88	87

See footnote at end of table.

Table 15-44.—U.S. crop progress: 1999 crop and 5-year average—Continued

[In percent]

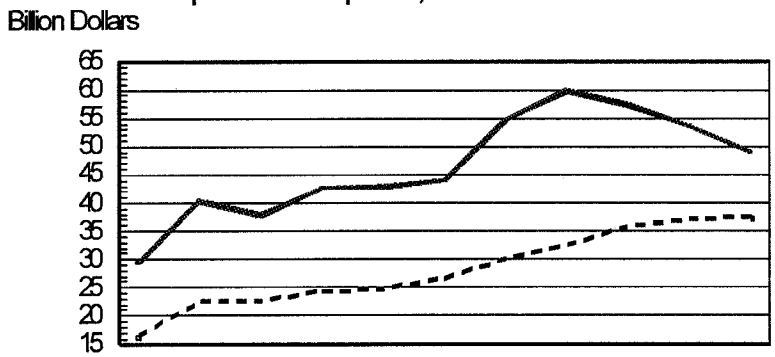
Week-ending date	Oats								Barley							
	Planted		Emerged		Headed		Harvested		Planted		Emerged		Headed		Harvested	
	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg	1999	Avg
1999:																
Apr 4	14	5	...	...	...	...	...	...	7	5	...	...	...	...	...	...
Apr 11	24	10	...	...	...	...	...	...	10	9	...	...	...	...	...	...
Apr 18	32	17	...	...	...	...	...	...	15	14	...	...	...	...	...	...
Apr 25	39	32	...	...	...	...	...	...	26	23	...	...	...	...	...	...
May 2	58	47	30	NA	...	...	...	...	41	36	15	14	...	...	...	...
May 9	69	62	47	NA	...	...	...	...	52	51	27	24	...	...	...	...
May 16	74	74	61	NA	...	...	...	...	56	65	36	38	...	...	...	...
May 23	83	86	72	NA	...	...	...	...	66	79	46	55	...	...	...	...
May 30	91	94	83	NA	...	...	...	...	83	90	63	71	...	...	...	...
Jun 6	97	98	91	NA	...	...	...	...	91	97	77	85	...	...	...	...
Jun 13	...	...	96	NA	17	10	...	...	95	99	89	94	7	7	...	...
Jun 20	...	...	...	...	38	25	...	...	...	...	...	...	11	15	...	...
Jun 27	...	...	...	...	57	47	...	...	...	...	...	...	24	28	...	...
Jul 4	...	...	...	...	72	67	...	...	...	...	...	...	43	47	...	...
Jul 11	...	...	...	...	83	81	...	...	...	...	...	...	58	68	...	...
Jul 18	...	...	...	...	89	91	8	5	...	...	...	...	80	85	...	...
Jul 25	...	...	...	...	...	...	20	16	...	...	...	...	90	94	1	2
Aug 1	...	...	...	...	...	...	40	31	...	...	...	...	96	98	4	7
Aug 8	...	...	...	...	...	...	61	49	...	...	...	...	...	...	13	17
Aug 15	...	...	...	...	...	...	74	66	...	...	...	...	...	...	22	34
Aug 22	...	...	...	...	...	...	83	79	...	...	...	...	...	...	35	53
Aug 29	...	...	...	...	...	...	90	89	...	...	...	...	...	...	55	71
Sep 5	...	...	...	...	...	...	92	95	...	...	...	...	...	...	71	84
Sep 12	...	...	...	...	...	...	...	...	...	...	...	...	...	...	79	92
Sep 19	...	...	...	...	...	...	...	...	...	...	...	...	...	...	88	96
Sep 26	...	...	...	...	...	...	...	...	...	...	...	...	...	...	96	98

Week-ending date	Peanuts					
	Planted		Pegging		Harvested	
	1999	Avg	1999	Avg	1999	Avg
1999:						
Apr 18	3	NA	...	...	...	...
Apr 25	6	NA	...	...	...	...
May 02	9	NA	...	...	...	...
May 09	25	NA	...	...	...	...
May 16	50	NA	...	...	...	...
May 23	75	NA	...	...	...	...
May 30	90	NA	...	...	...	...
Jun 06	95	NA	...	...	...	...
Jun 13	...	...	6	NA	...	...
Jun 20	...	...	15	NA	...	...
Jun 27	...	...	24	NA	...	...
Jul 04	...	...	41	NA	...	...
Jul 11	...	...	57	NA	...	...
Jul 18	...	...	74	NA	...	...
Jul 25	...	...	87	NA	...	...
Aug 01	...	...	92	NA	...	...
Aug 08	...	...	94	NA	...	...
Aug 15	...	...	...	...	...	...
Aug 22	...	...	...	...	...	...
Aug 29	...	...	...	...	...	...
Sep 05	...	...	...	...	5	3
Sep 12	...	...	...	...	9	9
Sep 19	...	...	...	...	20	16
Sep 26	...	...	...	...	28	26
Oct 03	...	...	...	...	39	37
Oct 10	...	...	...	...	50	47
Oct 17	...	...	...	...	59	59
Oct 24	...	...	...	...	69	70
Oct 31	...	...	...	...	79	80
Nov 07	...	...	...	...	86	86
Nov 14	...	...	...	...	92	90
Nov 21	...	...	...	...	94	95

[1] Planted the preceding fall. NA-not available.

NASS, Crops Branch, (202) 720–2127.

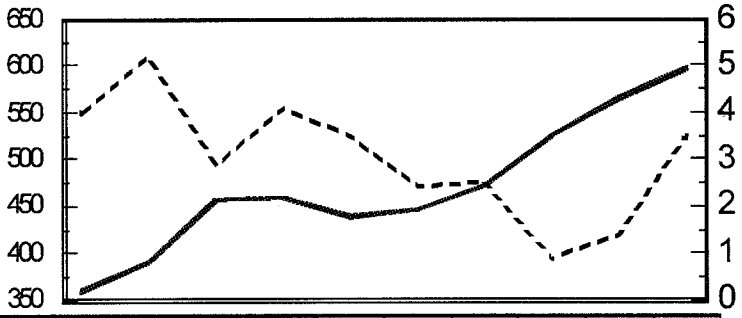
Foreign Trade: Agricultural Exports & Imports, 1989-99



Year	89	90	91	92	93	94	95	96	97	98	99
Exports ——	29.5	40.4	37.8	42.6	42.9	44.0	54.7	59.9	57.4	53.7	49.1
Imports - -	16.4	22.7	22.7	24.5	24.6	26.6	29.9	32.6	35.8	37.0	37.4

NASS Table 15-1

Farm-raised Catfish: Processed & Imports, 1990-99



Year	90	91	92	93	94	95	96	97	98	99
Processed ——	360.4	390.9	457.4	459.0	439.3	446.9	472.1	524.9	564.4	596.6
Imports - -	4.0	5.2	2.9	4.1	3.5	2.4	2.5	0.9	1.4	3.5

NASS Table 15-30

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.

Agricultural Marketing Service:
USDA/AMS
Room 3510 South Bldg.
Washington, DC 20250
202–720–8998

Agricultural Research Service:
USDA/ARS
5601 Sunnyside Ave
Bldg 1, Rm 2250
Beltsville, MD 20707–5128
301–504–1638

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, Sydney R. Yaets 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 6121 South Bldg.
Washington, DC 20250
202–720–3210

Rural Business-Cooperatives Service:
USDA/RECD/RBS
Room 5037 South Bldg.
Washington, DC 20250
202–690–0813

Rural Utilities Service:
USDA/RD/RUS
Room 4043 South Bldg.
Washington, DC 20250
202–720–1255

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